CASE NUMBER:

99-335

INDEX FOR CASE: 99-335
CLARK ENERGY COOPERATIVE, INC.
Construct
FOUR YEAR WORK PLAN

IN THE MATTER OF THE APPLICATION OF CLARK ENERGY COOPERATIVE, INC. OF WINCHESTER, KENTUCKY, FOR COMMISSION APPROVAL OF A CERTIFICATE OF CONVENIENCE AND NECESSITY TO CONSTRUCT ACCORDING TO THE COOPERATIVE'S 1999-2003 FOUR YEAR CONSTRUCTION WORK PLAN

SEQ NBR	ENTRY DATE	REMARKS
0001	08/06/99	Application.
0002	08/10/99	Acknowledgement letter.
0003	08/16/99	No deficiencies letter
0004	10/05/99	Final Order granting a Certificate of C/N to construct.

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 99-335
CLARK ENERGY COOPERATIVE, INC.

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on October 5, 1999.

Parties of Record:

Overt L. Carroll
President/General Manager
Clark Energy Cooperative, Inc.
P. O. Box 748
2640 Ironworks Road
Winchester, KY. 40392 0748

Stephanie Bell
Secretary of the Commission

SB/hv
Enclosure

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CLARK ENERGY COOPERATIVE, INC. OF WINCHESTER, KENTUCKY FOR COMMISSION APPROVAL FOR A CERTIFICATE OF CONVENIENCE AND NECESSITY TO CONSTRUCT ACCORDING TO THE COOPERATIVE'S 1999-2003 FOUR YEAR CONSTRUCTION WORK PLAN	)))))	CASE NO. 99-335

O R D E R

Clark Energy Cooperative, Inc. ("Clark Energy") filed its application on August 6, 1999 for a Certificate of Public Convenience and Necessity to construct certain improvements and additions to its existing plant. In support of its application Clark Energy filed its 1999-2003 Work Plan, which describes in detail the improvements and additions to its plant that are required over the next 4 years to serve its load.

Clark Energy seeks authorization to construct extensions and additions to its plant as follows:

1.	New Services	$ 7,683,850
2.	Service Upgrades	409,600
3.	New Security Lights	302,400
4.	Pole Replacements	1,235,900
5.	Conductor Replacements	405,615
6.	New Meters	632,800
7.	New Transformers	2,585,600
8.	System Improvements	3,654,623
9.	Reclosers	776,000
10.	Capacitors	40,000
11.	Switches	60,000
	TOTAL	$17,786,388

The proposed construction will enable Clark Energy to continue to provide adequate and dependable electric service to its customers. The system improvements recommended in this Work Plan will not duplicate existing facilities and are needed to correct voltage problems, improve phase balance, and provide for improved service reliability. Clark Energy has filed an application with Rural Utilities Service ("RUS") to borrow Federal Financing Bank funds, guaranteed by RUS, to finance all the construction work plan activities. The Commission does not have jurisdiction over the financing of the project, pursuant to KRS 278.300, Section 10, since it is secured from an agency of the federal government.

Based on the application and supporting 1999-2003 Work Plan, and being advised, the Commission finds that the proposed improvements and additions to be constructed by Clark Energy are necessary to provide adequate, reliable electric service to existing customers and anticipated new customers.

IT IS THEREFORE ORDERED that Clark Energy is granted a Certificate of Public Convenience and Necessity to construct the facilities described in its 1999-2003 Work Plan.

Done at Frankfort, Kentucky, this 5th day of October, 1999.

By the Commission

ATTEST:

Executive Director

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

August 16, 1999

Overt L. Carroll
President/General Manager
Clark Energy Cooperative, Inc.
P. O. Box 748
2640 Ironworks Road
Winchester, KY. 40392 0748

RE: Case No. 99-335
CLARK ENERGY COOPERATIVE, INC.

The Commission staff has reviewed your application in the above case and finds that it meets the minimum filing requirements. Enclosed please find a stamped filed copy of the first page of your filing. This case has been docketed and will be processed as expeditiously as possible.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely
Stephanie Bell

Stephanie Bell
Secretary of the Commission

SB/hv
Enclosure

CLARK ENERGY

COOPERATIVE

A Touchstone Energy™ Partner

August 4, 1999

FILED

AUG 06 1999

PUBLIC SERVICE COMMISSION

RECEIVED

AUG 6 1999

PUBLIC SERVICE COMMISSION

Ms. Helen Helton
Executive Director
Kentucky Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602-0615

Dear Ms. Helton

CASE 99-335

Enclosed are the original and ten (10) copies of an Application for a Certificate of Convenience and Necessity authorizing Clark Energy Cooperative, Inc. to build and construct lines in accordance with our 1999-2003 Construction Work Plan.

Respectfully,

Overt L. Carroll
President and CEO

Enclosure

2640 Iron Works Road • P.O. Box 748 • Winchester, Kentucky 40392 • Tel. (606) 744-4251 • 1-800-992-3269 • Fax (606) 744-4218

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

August 10, 1999

Overt L. Carroll
President/General Manager
Clark Energy Cooperative, Inc.
P. O. Box 748
2640 Ironworks Road
Winchester, KY. 40392 0748

RE: Case No. 99-335
CLARK ENERGY COOPERATIVE, INC.
(Construct, Financing) FOUR YEAR WORK PLAN

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received August 6, 1999 and has been assigned Case No. 99-335. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,

Stephanie Bell
Secretary of the Commission

SB/jc

CLARK ENERGY

COOPERATIVE

A Touchstone Energy™ Partner

August 4, 1999

FILED

AUG 06 1999

PUBLIC SERVICE COMMISSION

RECEIVED

AUG 6 1999

PUBLIC SERVICE COMMISSION

Ms. Helen Helton
Executive Director
Kentucky Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602-0615

Dear Ms. Helton

CASE 99-335

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Respectfully,

Overt L. Carroll
President and CEO

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COMMONWEALTH OF KENTUCKY
BEFORE THE
PUBLIC SERVICE COMMISSION OF KENTUCKY

IN THE MATTER OF:

THE APPLICATION OF CLARK ENERGY COOPERATIVE, INC. OF WINCHESTER, KENTUCKY, FOR COMMISSION APPROVAL OF A CERTIFICATE OF CONVENIENCE AND NECESSITY TO CONSTRUCT ACCORDING TO THE COOPERATIVE'S 1999-2003 FOUR YEAR CONSTRUCTION WORK PLAN	)))))	**CASE NO. 99-335**

APPLICATION

Clark Energy Cooperative, Inc. (hereinafter "Clark") of Winchester, Kentucky, respectfully states:

1. The full name and address of Applicant is:

   Clark Energy Cooperative, Inc.
   2640 Iron Works Road
   P.O. Box 748
   Winchester, KY 40392

2. The particular provision of law requiring Commission approval is included in KRS 020(1), 807 KAR 5:001, Sections 8 and 9(2).

3. The original and ten (10) copies of the Application are included in this filing.

4. Clark, is a corporation, duly organized, created and existing by and under the laws of the State of Kentucky, and is engaged in the business of supplying retail electric service in Bath, Bourbon, Clark, Estill, Fayette, Madison, Menifee, Montgomery, Morgan, Powell, Rowan and Wolfe Counties in Kentucky.

   A certified copy of the Articles of Incorporation has been previously filed with the Commission in PSC Case #92-219. An Amendment to the Articles of Incorporation pertaining to a name change from Clark Rural Electric Cooperative Corporation to Clark Energy Cooperative, Inc. was filed by letter dated July 17, 1997.

5. Clark understands that a certificate of convenience and necessity to construct according to the Construction Work Plan be issued by the Kentucky Public Service Commission.

6. No new constructions or extensions are necessary that would require franchises or permits not previously filed with the Kentucky Public Service Commission.

7. The Construction Work Plan and maps filed with this Application provide a description of the route or location of new construction and extensions. All construction and extensions are within Clark's service area and public utilities, corporations, or other persons having neighboring facilities are:

Bluegrass Energy Nicholasville, Kentucky	Harrison Rural Electric Cynthiana, Kentucky	Kentucky Utilities Company
Fleming-Mason Energy Flemingsburg, Kentucky	Jackson Energy McKee, Kentucky	Licking Valley Rural Electric West Liberty, Kentucky
Grayson Rural Electric Grayson, Kentucky		

8. Three (3) copies of five (5) maps to suitable scale showing the location or route of the proposed new construction or extensions are filed with this Application. These maps illustrate and identify the location to scale of any like facilities owned by others located anywhere within the mapped service territory.

9. Two (2) voltage drop studies of the existing distribution system using July 1998 and January 1999 loads (summer and winter peaks) and a sample of comparisons between actual and calculated voltage used to determine the accuracy of the voltage drop studies are filed with this Application.

10. Clark is a cooperative corporation and no kind of stock is desired or will be issued. Clark has filed an application with RUS to borrow FFB funds guaranteed by RUS to finance all Construction Work Plan activities. FFB funds will be available as early as January 2000. RUS municipal rate loan funds, as part of traditional 70 percent RUS and 30 percent CFC financing, are not available for two to three years. Short- and long-term rates are set daily by FFB and Clark will select the most advantageous term and rate at the time FFB loan funds are advanced. Assuming a draw of loan funds is made immediately after RUS approval, the first payment will be due within 30 to 60 days. Contract and force accounts, financed through internally generated funds and a short-term line of credit, will be used until all loan approvals are granted. Clark currently has no unadvanced long-term debt financing available, but maintains a $4,000,000 short-term (12-mo) CFC line of credit.

11. The expected annual cost of operations, excluding the cost of power, of the existing and proposed facilities is $10,234,379.

12. A copy of the actual or official RUS Form 740C prepared for the Construction Work Plan is filed with this Application. A detailed copy of the RUS Form 740C is included within the Construction Work Plan on pages 32-37.

13. Construction proposed and described within the Construction Work Plan will enable Clark to serve approximately 5150 new customers that otherwise could not be served and to upgrade inadequate facilities needed to better serve present customers within its service area.

14. The total cost of the four (4) year Construction Work Plan will be $17,786,388 as detailed below:

a)	Service membership construction totaling 208.0 miles.	$7,683,850
b)	Transformers and meters.	$3,218,400
c)	Service entrance changes.	$409,600
d)	Reclosers and air break switches.	$836,000
e)	Capacitor banks.	$40,000
f)	Pole replacements.	$1,235,900
g)	Conductor replacements.	$405,615
h)	Security light installations.	$302,400
i)	System improvement projects.	$3,654,623
	Total	$17,786,388

COMMONWEALTH OF KENTUCKY

COUNTY OF CLARK, SCT

Overt L. Carroll, after first being duly sworn, deposes and says: That he is the President and Chief Executive Officer of Clark Energy Cooperative, Inc., a rural electric cooperative corporation, duly organized and doing business under the Rural Electric Cooperative Corporation act of the Commonwealth of Kentucky: That he has read the foregoing Application and knows the contents thereof: That the same is true of his own knowledge except as to such matters as are therein stated on information or belief, and as to those matters he believes it to be true.

This 4th day of August 1999.

Overt L. Carroll, President and CEO
Clark Energy Cooperative, Inc.

Subscribed and sworn to before me by Overt L. Carroll, this 4th day of August 1999.

Notary Public, Kentucky State-at-Large

My Commission Expires: MY COMMISSION EXPIRES JUNE 5, 2002

USDA-RUS

Form Approved
OMB No. 0572-0032

COST ESTIMATES AND LOAN BUDGET

FOR ELECTRIC BORROWERS

To: U.S. Dept. of Agriculture, RUS, Washington, D. C. 20250

BORROWER AND LOAN DESIGNATION: CLARK ENERGY - KY 49 AK8

COST ESTIMATES AS OF: (Month, Year) Jun-99

INSTRUCTIONS *See EOM-4 Guideline for the Implementation of 7 CFR 1711.1*

SECTION A. COST ESTIMATES

LOAN PERIOD 4 YEARS

				BORROWER'S COST ESTIMATES	RUS USE ONLY
1. DISTRIBUTION					
100 a. New Line: (Excluding Tie-Lines)					
Construction	Consumers		Miles		
Underground	1350		28.00	$1,748,559	
Overhead	3800		180.00	5,935,600	
Total Consume	5150	Total Miles	208.00		
		Less Contributions		0	
		Subtotal (New Line)		$7,684,159	
a.(1) Major Development : (site specific code 100)					
		Subtotal (Major Development)		$0	
		Subtotal All code 100		$7,684,159	
200 b. New Tie-Lines					
	Line Designation		Miles		
201	Cat Ck - Cow Ck - High Rock Project		1.96	$60,954	
202	Beech Fork - Rex Townsend Rd Project		0.31	9,641	
203	Log Lick - Snow Creek Project		1.17	36,387	
204	Hatton Creek - Caudill Rd Project		0.31	9,641	
205	Dry Fork - Ruckerville - Pilot View Project		2.27	79,450	
206	Hampton Ridge Project		1.80	138,052	
	Subtotal from page 1A	Miles	0.00	0	
	Subtotal (Includes subtotals from pages 1A)	Miles	7.82	$334,125	
300 c. Conversion and Line Chang					
	Line Designation		Miles		
301	Denniston - Wellington Project		34.13	$358,404	
302	Jeffersonville - Hwy 460 - Means Project		9.27	91,170	
303	Hope - Means Road Project		20.28	170,387	
304	Spencer Road Project		37.49	326,382	
305	Blevins Valley Road Project		19.86	279,481	
306	Fayette County Project		18.26	149,485	
307	Highway 213 Project		1.90	13,857	
308	Dan Ridge Project		1.57	120,413	
309	Cat Creek Project		1.72	131,916	
310	Virden Ridge Project		1.40	107,374	
	Subtotal from page 1A	Miles	18.98	1,571,629	
	Subtotal (Includes subtotals from pages 1A)	Miles	164.86	$3,320,498	
400 d. New Substations, Switching Stations, Metering Points, etc.					
Station Designation		kVA	kV to kV		
Subtotal				$0	

COST ESTIMATE AND LOAN BUDGET FOR [redacted]CTRIC BORROWERS	BORROWER AND LOA[redacted]SIGNATION	CLARK ENERGY - KY 49 AK8

SECTION A. COST ESTIMATES (Page 1 Continuation Sheet)		BORROWER'S COST ESTIMATES	RUS USE ONLY
200 b. New Tie-Lines *(Continued)*			
Line Designation	Miles		
Miles	0.00		
Subtotal (transfers to page 1)		$0	
300 c. Conversion and Line Changes *(Continued)*			
Line Designation	Miles		
311 Happy Top Project	1.88	$144,188	
312 Black Creek Project	0.55	42,183	
313 Ewing Trail - North Bend Project	1.18	90,501	
314 Lower Paint Creek Project	0.63	48,318	
315 Furnace Mountain Project	1.72	131,917	
316 Charlie Norris - Four Mile Project	0.88	67,492	
317 Happy Top - Hwy 82 - Adams Br Project	3.41	229,616	
318 Highway 36 - Olympia Project	4.93	378,112	
319 Bowen School - Cat Creek Project	1.79	137,286	
320 Rockwell Village UD Project	0.30	31,680	
321 Twin Knobs UD Project	1.70	269,280	
322 Van Village UD Project	0.01	1,056	
Subtotal (transfers to page 1)	18.98	$1,571,629	

	SECTION A. COST ESTIMATES *(cont.)*	BORROWER'S COST ESTIMATES	RUS USE ONLY
500	e. Substation, Switching Station, Metering Point Changes Station Designation — Description of Changes		
	Subtotal	$0	
600	f. Miscellaneous Distribution Equipment		
601	(1) Transformers and Meters Construction: Underground — Transformers 600 $484,800; Meters 1200 $135,600	$620,400	
	Overhead — Transformers 2600 $2,100,800; Meters 4400 $497,200	2,598,000	
	Subtotal code 601 . . . (included in total of all 600 codes below)	$3,218,400	
602	(2) Sets of Service Wires to increase Capacity — 800	409,600	
603	(3) Sectionalizing Equipment	836,000	
604	(4) Regulators	0	
605	(5) Capacitors	40,000	
606	(6) Ordinary Replacements — 1700 Poles	1,235,900	
606	(7) " — 6.32 Miles of Conductor	405,615	
	(8)		
	(9)		
	(10)		
	(11)		
	Subtotal ALL 600 codes	$6,145,515	
700	g. Other Distribution Items		
	(1) Engineering Fees	$0	
701	(2) Security Lights — 1600	302,400	
702	(3) Reimbursement of General Funds (see attached)	1,849,303	
	(4)	0	
	Subtotal	$2,151,703	
	TOTAL DISTRIBUTION.	**$19,636,000**	
800	2. Transmission a. New Line Line Designation — Voltage — Wire Size — Miles		
	Total Miles 0.00		
	Subtotal	$0	

REIMBURSEMENT SCHEDULE

CLARK ENERGY - KY 49 AK8

Month/Year	Form 219	Special Equipment	Total
Jan-99	$185,379.01	$46,548.00	$231,927.01
Feb-99	239,486.75	64,671.08	304,157.83
Mar-99	234,689.23	52,527.00	287,216.23
Apr-99	186,513.67	178,230.12	364,743.79
May-99	238,248.19	46,473.00	284,721.19
Jun-99	263,222.88	113,313.72	376,536.60
Totals	$1,347,539.73	$501,762.92	$1,849,302.65

	SECTION A. COST ESTIMATES *(cont.)*	BORROWER'S COST ESTIMATES	RUS USE ONLY
900	b. New Substation, Switching Station, etc. Station Designation — kVA — kV TO kV		
	Subtotal	$0	
1000	c. Line and Station Changes Line/Station Designation — Description of Changes		
		0	
	Subtotal	$0	
1100	d. Other Transmission Items		
	(1) R/W Procurement	$0	
	(2) Engineering Fees		
	(3) Reimbursement of General Funds (see schedule)		
	(4)		
	Subtotal	$0	
	TOTAL TRANSMISSION.	$0	
1200	3. GENERATION (including Step-up Station at Plant)		
	a Fuel _____ Nameplate Rating _____ kW		
	b.		
	TOTAL GENERATION.	$0	
1300	4. HEADQUARTERS FACILITIES		
	a. New or additional Facilities (Attach RUS Form 740g)		
	b.		
	TOTAL HEADQUARTERS FACILITIES	$0	

COST ESTIMATE AND LOAN BUDGET FOR ELECTRIC BORROWERS	BORROWER AND LOAN DESIGNATION	CLARK ENERGY - KY 49 AK8	
SECTION A. COST ESTIMATES (cont.)		BORROWER'S COST ESTIMATES	RUS USE ONLY
1400 5. ACQUISITIONS			
a. _____ Consumers	_____ Miles		
b.			
TOTAL ACQUISITIONS.		$0	
1500 6. ALL OTHER			
a.			
b.			
c.			
d.			
e.			
TOTAL ALL OTHER.		$0	

SECTION B. SUMMARY OF AMOUNTS AND SOURCES OF FINANCING

1. GRAND TOTAL - ALL COSTS		$19,636,000	
2. FUNDS AND MATERIALS AVAILABLE FOR FACILITIES			
a. Loan Funds	$0		
b. Materials and Special Equipment	0		
c. General Funds . . . . . Purpose 1	$0.00		
Purpose 2			
Purpose 3			
Purpose 4			
Total General Funds Applied	$0.00		
d. Total Available Funds and Materials		$0	
3. NEW FINANCING REQUESTED FOR FACILITIES		$19,636,000	
4. FFB LOAN REQUESTED FOR FACILITIES.	100%	$19,636,000	
5. TOTAL SUPPLEMENTAL LOAN REQUESTED	0%	$0	
Name of Supplemental Lender			
6. CAPITAL TERM CERTIFICATE PURCHASES (CFC Loan only)	0%	$0	
7. SUPPLEMENTAL LOAN REQUESTED FOR FACILITIES.		$0	
8. 100% SUPPLEMENTAL LOANS (SEE RUS Bulletin 20-40, Att. C)*		$0	

** Identify in section A by budget purpose and separate subtotals.*

SECTION C. CERTIFICATION

We, the undersigned, certify that:

1. *Upon completion of the electrical facilities contained herein and any others uncompleted at this time but for which financing is available, the system will be capable of adequately and dependably serving the projected load for the loan period as contained in our current RUS approved Power Requirement Study and Construction Work Plan.*

2. *Negotiations have been or will be initiated with our power supplier, where necessary, to obtain new delivery points and/or additional capacity at existing ones to adequately supply the projected load upon which this loan application is based.*

3. *The data contained herein and all supporting documents have, to the best of my knowledge, been prepared correctly and in accordance with RUS Bulletin 20-2.*

7/27/99 — *Date*

Virgil O. Gaines — *Signature of Borrower's Chairman of the Board*

7/27/99 — *Date*

Signature of Borrower's President & CEO

Clark Energy Cooperative, Inc.

Corporate Name of Borrower

GFR Initials

Attachment to 740c
CLARK ENERGY - KY 49 AK8

STATEMENT

Statement certifying that at least 90% of the Loan funds are for facilities with a useful life of 33 years or longer as required by 7 CFR 1710.115.

To facilitate the determination of the final maturity for this RUS Loan,
Overt Carroll
does hereby certify that:

[X] At least 90% of the Loan funds requested as part of this loan application and included on the RUS Form 740c (Cost Estimates and Loan Budget for Electric Borrowers) are for facilities with an anticipated useful life of 33 years or longer.

[ ] Less than 90% of the Loan funds requested as part of this loan application and included on the RUS Form 740c (Cost Estimates and Loan Budget for Electric Borrowers) are for facilities with an anticipated useful life of 33 years or longer. A schedule has been attached to this statement listing the facilities with an anticipated useful life of less than 33 years, the anticipated useful life of those facilities and the associated cost estimates (see attached).

7/27/99
Date

Title: President & CEO

Certification

Assessment of Voltage Drop Study Accuracy

Introduction

Voltage drop studies are based on a model of the primary distribution system. The overall accuracy of results obtained within the voltage drop studies has been assessed with actual field data where available. Voltage drop studies of the primary distribution system are attached for actual summer and winter system peak demands occurring in July 1998 and January 1999 respectfully. The process used to assess overall accuracy between actual and calculated voltage drop is illustrated within the attached sample of three (3) distribution feeders. Field and calculated results are compared for actual winter and summer peak times. Information about field data used within the comparison and sample feeders used to illustrate the process are provided below. The summary on the next page for the sample feeders illustrates the process used to assess overall accuracy between actual and calculated voltage drops.

Field Data Background

Actual data used within the sample comparison is based on the attached voltage regulator field data. Voltage regulator data provides maximum and minimum voltage, percent boost and/or tap position data, etc. obtained or downloaded at a particular date. Field data associated with a particular date records the relevant maximum and minimum values occurring since the previous date on the voltage regulator report when data was last obtained. Data representing periods of system peak demand occurring in July 1998 and January 1999 are highlighted in yellow for clarity.

Comparisons using voltage regulator field data are based on raised tap position or percent boost. All regulators within the comparison have a $\pm$ 10% or $\pm$ 12 Volt range of regulation in $\pm$ 16 taps raise or lower. So, each regulator tap position represents 12 Volt/16 steps or 0.75 Volts per tap position. Alternately, all regulators have 5/8% or 0.625% voltage raise or lower per tap position. Comparing actual maximum tap position of regulators from field data with calculated regulator tap positions within the voltage drop studies is a very good method to assess model accuracy. Comparisons of this kind are useful to assess voltage drop model accuracy within the $\pm$ 2 Volt bandwidth of regulators across all the primary phases in lieu of field voltage measurements involving only one phase. A comparison of actual regulator tap positions in field data against calculated regulator tap position offers a dual check of voltage drop and voltage levels.

Sample Distribution Feeders

A sample of three (3) distribution feeders illustrates the process used to assess the overall accuracy of the voltage drop studies against actual field data where available. Information about the sample feeders including the host substation and date of last winter or summer peak demand is provided within the table below. All feeders within the attached voltage drop studies are modeled for peak loads occurring at their respective substation for July 1998 and January 1999. A summary of the assessment of overall accuracy between actual field data and calculated results for the sample feeders is provided on the next page.

Feeder Circuit	Substation	Summer Peak	Winter Peak
Sideview Ckt 3	Sideview	7/21/98	1/5/99
Hunt Ckt 1	Hunt	7/21/98	1/5/99
Three Forks Ckt 1	Three Forks	7/21/98	1/5/99

Sideview Ckt 3		
Period	**Description**	**Data and Calculations**
January 1999	Actual Regulator Tap Position per Phase	3 (Aφ), 6 (Bφ), 5 (Cφ)
	Actual Avg Tap Position Among Phases	(3+6+5)/3 = 4.67 tap
	Calculated Avg Tap Position on Study	4 tap
	Diff Between Actual & Calc Avg Tap Position	0.67 tap
	Voltage per Tap Position on Regulators	0.75 Volts per tap
	Voltage Diff Between Actual & Calculated	**0.75 Volt/tap x 0.67 tap = 0.50 V**
July 1998	Actual Regulator Tap Position per Phase	4 (Aφ), 5 (Bφ) and 4 (Cφ)
	Actual Avg Tap Position Among Phases	(4+5+4)/3 = 4.33 tap
	Calculated Avg Tap Position on Study	2 tap
	Diff Between Actual & Calc Avg Tap Position	2.33 tap
	Voltage per Tap Position on Regulators	0.75 Volts per tap
	Voltage Diff Between Actual & Calculated	**0.75 Volt/tap x 2.33 tap = 1.75 V**

Hunt Ckt 1		
Period	**Description**	**Data and Calculations**
January 1999	Actual Regulator Tap Position per Phase	0 (Aφ), 1 (Bφ), 0 (Cφ)
	Actual Avg Tap Position Among Phases	(0+1+0)/3 = 0.33 tap
	Calculated Avg Tap Position on Study	1 tap
	Diff Between Actual & Calc Avg Tap Position	0.67 tap
	Voltage per Tap Position on Regulators	0.75 Volts per tap
	Voltage Diff Between Actual & Calculated	**0.75 Volt/tap x 0.67 tap = 0.50 V**
July 1998	Actual Regulator Tap Position per Phase	1 (Aφ), 2 (Bφ) and 1 (Cφ)
	Actual Avg Tap Position Among Phases	(1+2+1)/3 = 1.33 tap
	Calculated Avg Tap Position on Study	1 tap
	Diff Between Actual & Calc Avg Tap Position	0.33 tap
	Voltage per Tap Position on Regulators	0.75 Volts per tap
	Voltage Diff Between Actual & Calculated	**0.75 Volt/tap x 0.33 tap = 0.25 V**

Three Forks Ckt 1		
Period	**Description**	**Data and Calculations**
January 1999	Actual Regulator % Boost per Phase	1.6% (Aφ), 2.4% (Bφ), 2.2% (Cφ)
	Actual Avg % Boost Among Phases	(1.6%+2.4%+2.2%)/3 = 2.07%
	% Boost to Tap Position Conversion	0.625% (5/8%) per tap
	Actual Avg Tap Position Among Phases	2.07% / 0.625% = 3.31 tap
	Calculated Avg Tap Position on Study	2 tap
	Diff Between Actual & Calc Avg Tap Position	1.31 tap
	Voltage per Tap Position on Regulators	0.75 Volts per tap
	Voltage Diff Between Actual & Calculated	**0.75 Volt/tap x 1.31 tap = 0.98 V**
July 1998	Actual Regulator % Boost per Phase	2.2% (Aφ), 2.1% (Bφ), 2.1% (Cφ)
	Actual Avg % Boost Among Phases	(2.2%+2.1%+2.1%)/3 = 2.13%
	% Boost to Tap Position Conversion	0.625% (5/8%) per tap
	Actual Avg Tap Position Among Phases	2.17% / 0.625% = 3.41 tap
	Calculated Avg Tap Position on Study	1 tap
	Diff Between Actual & Calc Avg Tap Position	2.41 tap
	Voltage per Tap Position on Regulators	0.75 Volts per tap
	Voltage Diff Between Actual & Calculated	**0.75 Volt/tap x 2.41 tap = 1.81 V**

Project : January 1999 Model
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/03/99 10:05:16
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 4 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			12.5	0.0	ABCN					1349	267	61	98			126.0			ABCN Feeder
167	4/0ACSR	2.7	12.5	0.0	ABCN	29	6	1	18	1349	267	61	98	0.4	0.4	125.6	3.3	3.8	ABCN 167
176	6ACWC	8.6	12.5	0.0	ABCN	112	22	5	42	1316	257	59	98	2.7	3.1	122.9	26.5	8.2	ABCN 176
202	6ACWC	11.3	12.5	0.0	ABCN	44	9	2	32	985	192	45	98	1.0	4.0	122.0	7.4	2.1	ABCN 202
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 202																			
	ABCN : Tap = 4				RAISE														
Regulator			11.3	12.5	0.0	ABCN				43	933	181	43	98	-3.3	0.7	125.3	0.0	-0.0	ABCN Regulator
2021	4ACSR	16.1	12.5	0.0	A N	54	11	7	5	54	11	7	98	0.2	0.8	125.2	0.1	-0.2	A N 2021
2022	6ACWC	15.6	12.5	0.0	ABCN	49	10	2	28	879	170	40	98	1.3	2.1	123.9	8.9	2.3	ABCN 2022
2023	6ACWC	21.5	12.5	0.0	ABCN	50	10	2	27	821	158	37	98	1.7	3.8	122.2	10.8	2.7	ABCN 2023
203	6ACWC	23.9	12.5	0.0	ABCN	56	11	3	11	339	61	16	98	0.3	4.1	121.9	0.7	-0.1	ABCN 203
204	4ACSR	28.7	12.5	0.0	A N	61	12	9	28	282	49	39	99	1.6	5.8	120.2	3.2	1.4	A N 204
2041	4ACSR	32.0	12.5	0.0	A N	69	14	10	22	218	36	31	99	0.8	6.6	119.4	1.2	0.5	A N 2041
453	4ACSR	34.4	12.5	0.0	A N	148	22	21	15	148	22	21	99	0.2	6.8	119.2	0.3	0.0	A N 453
211	6ACWC	26.0	12.5	0.0	ABCN	67	13	3	14	422	84	20	98	0.7	4.4	121.6	2.1	0.0	ABCN 211
2111	6ACWC	29.9	12.5	0.0	ABCN	98	19	5	12	353	71	16	98	0.4	4.9	121.1	1.2	-0.2	ABCN 2111
208	4ACSR	34.5	12.5	0.0	A N	42	8	6	25	252	51	36	98	1.4	6.7	119.3	2.6	1.2	A N 208
2081	4ACSR	38.9	12.5	0.0	A N	206	41	30	21	207	41	30	98	0.6	7.3	118.7	1.0	0.3	A N 2081
201	4ACSR	14.2	12.5	0.0	A N	76	15	11	19	192	35	27	98	1.1	4.5	121.5	1.4	0.5	A N 201
2011	4ACSR	17.6	12.5	0.0	A N	4	1	1	11	115	19	16	99	0.5	5.0	121.0	0.4	0.1	A N 2011
2012	4ACSR	20.7	12.5	0.0	A N	52	8	7	5	52	8	7	99	0.1	5.1	120.9	0.0	-0.1	A N 2012
2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	6	59	11	8	98	0.2	5.2	120.8	0.1	-0.1	A N 2013
207	4ACSR	28.3	12.5	0.0	A N	35	7	5	6	59	11	8	98	0.4	5.7	120.3	0.2	-0.3	A N 207
210	4ACSR	35.4	12.5	0.0	A N	24	5	3	2	24	4	3	98	0.1	5.8	120.2	0.0	-0.3	A N 210

Project : July 1998 Model
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/03/99 09:54:48
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 5 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					818	319	39	93			126.0			ABCN	Feeder
167	4/0ACSR	2.7	12.5	0.0	ABCN	10	4	0	11	818	319	39	93	0.3	0.3	125.7	1.4	1.2	ABCN	167
176	6ACWC	8.6	12.5	0.0	ABCN	64	26	3	27	806	314	38	93	1.8	2.0	124.0	11.1	2.8	ABCN	176
202	6ACWC	11.3	12.5	0.0	ABCN	25	10	1	21	600	232	29	93	0.6	2.7	123.3	3.0	0.6	ABCN	202
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 202																				
	ABCN : Tap = 2				RAISE															
Regulator			11.3	12.5	0.0	ABCN				28	572	221	28	93	-2.1	0.6	125.4	0.0	0.0	ABCN	Regulator
2021	4ACSR	16.1	12.5	0.0	A N	26	11	4	3	26	10	4	93	0.1	0.7	125.3	0.0	-0.2	A N	2021
2022	6ACWC	15.6	12.5	0.0	ABCN	24	10	1	19	546	211	26	93	0.9	1.5	124.5	3.8	0.6	ABCN	2022
2023	6ACWC	21.5	12.5	0.0	ABCN	25	10	1	18	518	200	25	93	1.1	2.6	123.4	4.7	0.6	ABCN	2023
203	6ACWC	23.9	12.5	0.0	ABCN	33	14	2	8	227	82	11	94	0.2	2.8	123.2	0.4	-0.3	ABCN	203
204	4ACSR	28.7	12.5	0.0	A N	36	15	5	20	193	69	28	94	1.2	4.2	121.8	1.6	0.6	A N	204
2041	4ACSR	32.0	12.5	0.0	A N	42	17	6	16	155	53	22	95	0.6	4.8	121.2	0.7	0.2	A N	2041
453	4ACSR	34.4	12.5	0.0	A N	112	36	16	12	112	36	16	95	0.2	5.0	121.0	0.2	-0.0	A N	453
211	6ACWC	26.0	12.5	0.0	ABCN	52	21	3	9	262	107	13	93	0.4	3.1	122.9	0.9	-0.4	ABCN	211
2111	6ACWC	29.9	12.5	0.0	ABCN	62	25	3	7	209	86	10	93	0.3	3.3	122.7	0.5	-0.5	ABCN	2111
208	4ACSR	34.5	12.5	0.0	A N	27	11	4	15	147	60	22	93	0.9	4.6	121.4	1.0	0.3	A N	208
2081	4ACSR	38.9	12.5	0.0	A N	118	49	18	13	119	49	18	92	0.4	4.9	121.1	0.4	-0.0	A N	2081
201	4ACSR	14.2	12.5	0.0	A N	58	24	9	14	131	53	19	93	0.8	3.0	123.0	0.7	0.1	A N	201
2011	4ACSR	17.6	12.5	0.0	A N	2	1	0	8	72	29	11	93	0.3	3.4	122.6	0.2	-0.1	A N	2011
2012	4ACSR	20.7	12.5	0.0	A N	33	14	5	3	33	13	5	93	0.1	3.5	122.5	0.0	-0.1	A N	2012
2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	4	37	14	5	93	0.2	3.5	122.5	0.0	-0.1	A N	2013
207	4ACSR	28.3	12.5	0.0	A N	19	8	3	4	37	14	5	93	0.3	3.9	122.1	0.1	-0.3	A N	207
210	4ACSR	35.4	12.5	0.0	A N	18	7	3	2	18	7	3	93	0.1	3.9	122.1	0.0	-0.3	A N	210

‹ I ›s	DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR KVAR	MaxTapPos
	7	0.98	0.90	335	70	3
	6	0.99	0.86	327	60	3
	8	0.94	0.89	249	88	3
	2	0.94	0.87	258	99	4
	8	0.94	0.83	338	119	3
	4	0.99	0.86	291	59	3

I s	DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR KVAR	MaxTapPos
	7	0.99	0.88	591	85	9
	6	0.98	0.87	286	58	5
	6	0.94	0.95	202	74	5
	6	0.94	0.82	236	91	5
	6	0.96	0.84	517	146	9
	2	0.98	0.87	301	64	6

: I)s	DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR KVAR	MaxTapPos
:	2	0.99	0.86	169	24	4
	2	0.99	0.89	179	23	5
	1	0.99	0.88	102	36	3
	3	0.94	0.82	110	46	4
	2	0.94	0.86	213	75	5
	2	0.99	0.93	184	35	5

Project : January 1999 Model
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/03/99 12:39:38
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 4 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For Hunt Ckt 1 **********
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Hunt Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3860	431	86	99			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	78	16	2	15	3860	431	86	99	0.3	0.3	125.7	6.3	10.3	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	11	2	0	14	3776	404	84	99	0.1	0.3	125.7	1.8	2.9	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	32	7	1	14	3741	395	83	99	0.2	0.6	125.4	5.4	8.5	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	60	13	1	14	3703	380	83	99	0.2	0.8	125.2	4.9	7.6	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	25	5	1	13	3515	336	78	100	0.1	0.9	125.1	2.0	3.0	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	41	9	3	2	41	8	3	98	0.0	0.9	125.1	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	14	3	0	13	3447	319	77	100	0.1	0.9	125.1	1.5	2.2	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	5	1	0	14	878	169	20	98	0.2	1.1	124.9	1.2	-1.0	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	38	8	1	14	872	169	20	98	0.1	1.2	124.8	0.9	-0.8	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	4	1	0	4	91	17	6	98	0.1	1.4	124.6	0.1	-0.6	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	53	11	4	3	53	10	4	98	0.0	1.4	124.6	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	35	7	2	2	35	7	2	98	0.0	1.4	124.6	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	8	2	0	12	742	145	17	98	0.1	1.4	124.6	0.7	-1.0	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	-0	0	0	11	658	129	15	98	0.0	1.4	124.6	0.2	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	114	24	3	3	182	34	4	98	0.0	1.4	124.6	0.1	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	42	9	1	1	67	11	2	99	0.0	1.4	124.6	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	25	5	1	0	25	4	1	99	0.0	1.4	124.6	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	51	11	4	23	476	95	33	98	1.0	2.4	123.6	3.3	0.4	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	30	6	2	1	30	5	2	98	0.0	2.4	123.6	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	42	9	3	6	113	23	8	98	0.1	2.4	123.6	0.0	-0.3	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	71	15	5	3	71	14	5	98	0.0	2.5	123.5	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	156	33	11	14	279	56	19	98	0.4	2.8	123.2	0.7	-0.8	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	71	15	5	3	71	13	5	98	0.1	2.9	123.1	0.0	-1.5	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	51	11	4	3	51	10	4	98	0.0	2.8	123.2	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	75	16	5	4	75	16	5	98	0.0	1.4	124.6	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	7	1	0	10	2553	144	57	100	0.2	1.1	124.9	3.2	2.0	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	116	-300	7	9	2477	129	55	100	0.2	1.3	124.7	2.7	1.3	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
ABCN : Nominal = 300 kvar Actual = 325 kvar																				
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
ABCN : Tap = 1 RAISE																				
Regulator			34.8	24.9	0.0	ABCN				53	2358	428	53	98	-0.8	0.5	125.3	0.0	-0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	5	1	0	8	2034	363	46	98	0.0	0.5	125.5	0.3	-0.1	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	32	7	1	5	1248	205	28	99	0.1	0.6	125.4	0.5	-2.5	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	8	2	0	20	1215	201	27	99	0.1	0.7	125.3	1.4	-0.4	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	66	14	1	2	138	23	3	99	0.0	0.8	125.2	0.0	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	34	7	1	1	72	11	2	99	0.0	0.8	125.2	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	2	0	0	0	2	-1	0	-87	0.0	0.8	125.2	-0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	36	8	2	2	36	7	2	98	0.0	0.9	125.1	0.0	-0.7	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	49	5	1	17	1068	177	24	99	0.0	0.8	125.2	0.3	-0.2	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	31	7	1	13	1019	172	23	99	0.2	0.9	125.1	1.1	-1.1	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	6	1	0	12	932	156	21	99	0.1	1.0	125.0	0.7	-0.9	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	-0	0	0	4	926	156	21	99	0.0	1.0	125.0	0.1	-0.6	ABCN	2373

Hunt Ckt 1'

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
2375	336ACSR		50.5	24.9	0.0	ABCN	9	2	0	4	860	143	19	99	0.0	1.1	124.9	0.3	-2.8	ABCN	2375
2376	2ACSR		52.3	24.9	0.0	ABCN	6	1	0	11	851	144	19	99	0.1	1.2	124.8	0.6	-1.0	ABCN	2376
231	2ACSR		52.6	24.9	0.0	ABCN	7	2	0	1	119	16	3	99	0.0	1.2	124.8	0.0	-0.3	ABCN	231
2311	4ACSR		60.3	24.9	0.0	A N	79	17	5	4	79	15	5	98	0.1	1.3	124.7	0.1	-1.5	A N	2311
2312	2ACSR		62.6	24.9	0.0	ABCN	33	7	1	0	33	-0	1	-100	0.0	1.2	124.8	0.0	-7.2	ABCN	2312
241	1/0ACSR		57.0	24.9	0.0	ABCN	117	25	3	7	726	127	16	98	0.1	1.3	124.7	0.7	-3.0	ABCN	241
242	4ACSR		58.6	24.9	0.0	A N	29	6	2	6	129	23	9	98	0.1	1.5	124.5	0.1	-0.3	A N	242
2421	4ACSR		61.4	24.9	0.0	A N	7	1	0	5	100	17	7	99	0.1	1.6	124.4	0.1	-0.5	A N	2421
2422	4ACSR		67.1	24.9	0.0	A N	11	2	1	1	11	1	1	99	0.0	1.6	124.4	0.0	-1.1	A N	2422
2423	4ACSR		67.9	24.9	0.0	A N	28	6	2	4	82	15	6	98	0.1	1.7	124.3	0.1	-1.3	A N	2423
2424	4ACSR		74.1	24.9	0.0	A N	54	11	4	3	54	10	4	98	0.1	1.8	124.2	0.0	-1.2	A N	2424
253	1/0ACSR		59.3	24.9	0.0	ABCN	4	1	0	5	479	83	11	99	0.0	1.4	124.6	0.2	-1.6	ABCN	253
2531	1/0ACSR		60.0	24.9	0.0	ABCN	79	4	2	1	79	4	2	100	0.0	1.4	124.6	0.0	-0.5	ABCN	2531
2532	4ACSR		61.8	24.9	0.0	A N	34	7	2	15	300	61	21	98	0.2	1.7	124.3	0.5	-0.2	A N	2532
254	4ACSR		64.6	24.9	0.0	A N	54	11	4	3	54	11	4	98	0.0	1.7	124.3	0.0	-0.5	A N	254
265	4ACSR		66.1	24.9	0.0	A N	74	16	5	10	211	43	14	98	0.3	2.0	124.0	0.3	-0.7	A N	265
2651	4ACSR		69.0	24.9	0.0	A N	105	22	7	7	137	28	9	98	0.1	2.0	124.0	0.1	-0.5	A N	2651
276	4ACSR		71.0	24.9	0.0	A N	32	7	2	2	32	6	2	98	0.0	2.1	123.9	0.0	-0.4	A N	276
2761	4ACSR		71.2	24.9	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	2.1	123.9	-0.0	-0.0	A N	2761
264	4ACSR		63.9	24.9	0.0	A N	35	7	2	5	96	18	7	98	0.1	1.6	124.4	0.1	-0.9	A N	264
2641	4ACSR		68.8	24.9	0.0	A N	61	13	4	3	61	12	4	98	0.1	1.6	124.4	0.0	-1.0	A N	2641
2374	4ACSR		50.6	24.9	0.0	A N	65	14	4	3	65	13	4	98	0.0	1.1	124.9	0.0	-0.8	A N	2374
2371	4ACSR		49.2	24.9	0.0	A N	55	12	4	3	55	11	4	98	0.0	1.0	125.0	0.0	-1.0	A N	2371
263	4ACSR		42.4	24.9	0.0	A N	106	23	7	38	780	156	53	98	1.6	2.1	123.9	8.6	3.2	A N	263
2631	4ACSR		46.8	24.9	0.0	A N	63	13	4	27	548	108	38	98	0.8	2.9	123.1	3.0	0.7	A N	2631
273	4ACSR		49.3	24.9	0.0	A N	12	2	1	24	482	94	33	98	0.4	3.3	122.7	1.5	0.3	A N	273
3031	4ACSR		51.2	24.9	0.0	A N	2	0	0	17	346	70	24	98	0.2	3.5	122.5	0.6	-0.1	A N	3031
303	4ACSR		52.6	24.9	0.0	A N	26	6	2	15	294	59	20	98	0.1	3.6	122.4	0.3	-0.1	A N	303
3034	4ACSR		55.6	24.9	0.0	A N	22	5	2	10	201	41	14	98	0.2	3.8	122.2	0.3	-0.4	A N	3034
304	4ACSR		57.0	24.9	0.0	A N	41	9	3	2	41	8	3	98	0.0	3.8	122.2	0.0	-0.3	A N	304
3041	4ACSR		61.8	24.9	0.0	A N	138	29	10	7	138	28	10	98	0.1	4.0	122.0	0.1	-1.1	A N	3041
3033	4ACSR		57.4	24.9	0.0	A N	66	14	5	3	66	13	5	98	0.1	3.7	122.3	0.0	-0.9	A N	3033
3032	4ACSR		53.9	24.9	0.0	A N	50	11	3	2	50	10	3	98	0.0	3.5	122.5	0.0	-0.5	A N	3032
274	4ACSR		55.4	24.9	0.0	A N	83	18	6	6	123	22	8	98	0.2	3.4	122.6	0.1	-1.1	A N	274
2642	4ACSR		56.0	24.9	0.0	A N	0	0	0	2	40	6	3	99	0.0	3.5	122.5	0.0	-0.1	A N	2642
2643	4ACSR		59.6	24.9	0.0	A N	0	0	0	2	40	6	3	99	0.0	3.5	122.5	0.0	-0.7	A N	2643
2644	4ACSR		63.6	24.9	0.0	A N	20	4	1	1	20	4	1	99	0.0	3.5	122.5	0.0	-0.8	A N	2644
275	4ACSR		65.5	24.9	0.0	A N	19	4	1	1	19	3	1	99	0.0	3.5	122.5	0.0	-1.1	A N	275
272	4ACSR		51.8	24.9	0.0	A N	41	9	3	6	117	22	8	98	0.3	2.4	123.6	0.2	-1.7	A N	272
2721	4ACSR		55.7	24.9	0.0	A N	61	13	4	3	61	12	4	98	0.0	2.5	123.5	0.0	-0.8	A N	2721
2722	4ACSR		54.5	24.9	0.0	A N	15	3	1	1	15	3	1	99	0.0	2.4	123.6	0.0	-0.5	A N	2722
251	4ACSR		38.9	24.9	0.0	A N	73	15	5	16	324	65	22	98	0.4	0.9	125.1	0.8	-0.4	A N	251
2511	4ACSR		41.8	24.9	0.0	A N	114	24	8	12	251	50	17	98	0.2	1.1	124.9	0.3	-0.4	A N	2511
247	4ACSR		45.7	24.9	0.0	A N	53	11	4	5	110	22	7	98	0.1	1.2	124.8	0.1	-0.7	A N	247
2471	4ACSR		47.9	24.9	0.0	A N	56	12	4	3	56	11	4	98	0.0	1.2	124.8	0.0	-0.4	A N	2471
250	4ACSR		46.6	24.9	0.0	A N	27	6	2	1	27	5	2	98	0.0	1.1	124.9	0.0	-1.0	A N	250
2712	4ACSR		29.8	24.9	0.0	A N	1	0	0	3	66	11	4	99	0.0	1.2	124.8	0.0	-0.2	A N	2712
271	4ACSR		38.4	24.9	0.0	A N	42	9	3	2	42	7	3	99	0.1	1.2	124.8	0.0	-1.7	A N	271
2711	4ACSR		32.6	24.9	0.0	A N	23	5	2	1	23	4	2	98	0.0	1.2	124.8	0.0	-0.6	A N	2711
268	4ACSR		23.5	24.9	0.0	A N	34	7	2	6	123	24	8	98	0.2	1.0	125.0	0.2	-1.0	A N	268
26801	4ACSR		27.9	24.9	0.0	A N	88	19	6	4	88	18	6	98	0.1	1.0	125.0	0.0	-0.9	A N	26801
30002	4ACSR		12.7	24.9	0.0	A N	22	5	2	1	22	4	1	99	0.0	0.4	125.6	0.0	-1.0	A N	30002

Project : July 1998 Model
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/03/99 12:41:04
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 4 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For Hunt Ckt 1 **********
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Hunt Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3016	972	70	95			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	43	20	1	12	3016	972	70	95	0.3	0.3	125.7	4.2	5.1	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	14	6	0	12	2968	946	69	95	0.1	0.4	125.6	1.2	1.4	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	20	9	0	12	2928	928	68	95	0.3	0.6	125.4	3.6	4.2	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	45	21	1	11	2905	914	68	95	0.2	0.9	125.1	3.3	3.7	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	15	7	0	11	2773	852	64	96	0.1	0.9	125.1	1.4	1.4	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	32	15	2	2	32	15	2	91	0.0	1.0	125.0	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	5	3	0	11	2724	829	63	96	0.1	1.0	125.0	1.0	1.0	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	3	1	0	10	578	255	14	92	0.1	1.1	124.9	0.6	-1.2	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	14	7	0	10	575	255	14	91	0.1	1.2	124.8	0.4	-1.0	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	0	0	0	3	63	27	5	92	0.1	1.3	124.7	0.0	-0.6	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	37	18	3	2	37	16	3	91	0.0	1.4	124.6	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	26	12	2	1	26	12	2	91	0.0	1.4	124.6	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	7	3	0	9	498	222	12	91	0.1	1.3	124.7	0.4	-1.1	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	-0	0	0	7	425	189	10	91	0.0	1.4	124.6	0.1	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	74	35	2	3	146	64	4	92	0.0	1.4	124.6	0.0	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	55	26	1	1	72	31	2	92	0.0	1.4	124.6	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	17	8	0	0	17	7	0	93	0.0	1.4	124.6	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	31	15	2	15	279	125	20	91	0.6	2.0	124.0	1.3	-0.6	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	27	13	2	1	27	12	2	92	0.0	2.0	124.0	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	23	11	2	3	56	25	4	91	0.0	2.0	124.0	0.0	-0.4	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	33	15	2	2	33	15	2	91	0.0	2.1	123.9	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	101	48	8	9	163	74	12	91	0.2	2.3	123.7	0.3	-1.0	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	30	14	2	2	30	13	2	92	0.0	2.3	123.7	0.0	-1.6	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	32	15	2	2	32	15	2	91	0.0	2.3	123.7	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	65	31	5	3	65	30	5	91	0.0	1.4	124.6	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	6	3	0	8	2139	570	49	97	0.2	1.2	124.8	2.4	0.1	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	62	-294	7	8	2088	550	48	97	0.2	1.4	124.6	2.1	-0.1	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
ABCN : Nominal = 300 kvar Actual = 324 kvar																				
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
ABCN : Tap = 1 RAISE																				
Regulator		34.8	24.9	0.0	ABCN				49	2023	844	49	92	-0.8	0.7	125.1	0.0	0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	5	2	0	7	1687	689	40	93	0.0	0.7	125.3	0.2	-0.3	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	23	11	1	5	1147	447	27	93	0.1	0.8	125.2	0.5	-2.5	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	5	2	0	19	1123	439	27	93	0.1	0.9	125.1	1.4	-0.5	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	59	28	1	3	156	67	4	92	0.1	1.0	125.0	0.1	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	27	13	1	2	97	42	2	92	0.0	1.0	125.0	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	4	2	0	0	4	1	0	99	0.0	1.0	125.0	0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	66	31	5	3	66	31	5	91	0.0	1.1	124.9	0.0	-0.7	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	34	9	1	16	961	370	23	93	0.0	1.0	125.0	0.3	-0.2	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	33	16	1	12	927	361	22	93	0.2	1.1	124.9	1.1	-1.2	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	7	3	0	11	843	324	20	93	0.1	1.2	124.8	0.6	-0.9	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	-0	-0	0	4	835	322	20	93	0.0	1.2	124.8	0.1	-0.6	ABCN	2373

Hunt Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
2375	336ACSR		50.5	24.9	0.0	ABCN	9	4	0	3	718	291	17	93	0.1	1.3	124.7	0.2	-2.9	ABCN	2375
2376	2ACSR		52.3	24.9	0.0	ABCN	5	2	0	9	709	289	17	93	0.1	1.4	124.6	0.5	-1.0	ABCN	2376
231	2ACSR		52.6	24.9	0.0	ABCN	5	2	0	1	87	32	2	94	0.0	1.4	124.6	0.0	-0.3	ABCN	231
2311	4ACSR		60.3	24.9	0.0	A N	60	28	4	3	60	27	4	91	0.1	1.5	124.5	0.0	-1.5	A N	2311
2312	2ACSR		62.6	24.9	0.0	ABCN	22	11	1	0	22	3	1	99	0.0	1.4	124.6	0.0	-7.2	ABCN	2312
241	1/0ACSR		57.0	24.9	0.0	ABCN	101	48	2	6	616	256	15	92	0.1	1.5	124.5	0.6	-3.1	ABCN	241
242	4ACSR		58.6	24.9	0.0	A N	31	15	2	7	129	56	9	92	0.1	1.7	124.3	0.1	-0.3	A N	242
2421	4ACSR		61.4	24.9	0.0	A N	5	2	0	5	98	42	7	92	0.1	1.8	124.2	0.1	-0.5	A N	2421
2422	4ACSR		67.1	24.9	0.0	A N	7	3	1	0	7	2	0	95	0.0	1.8	124.2	0.0	-1.1	A N	2422
2423	4ACSR		67.9	24.9	0.0	A N	40	19	3	5	86	38	6	91	0.2	1.9	124.1	0.1	-1.2	A N	2423
2424	4ACSR		74.1	24.9	0.0	A N	46	22	3	2	46	20	3	91	0.1	2.0	124.0	0.0	-1.2	A N	2424
253	1/0ACSR		59.3	24.9	0.0	ABCN	3	1	0	4	386	155	9	93	0.0	1.6	124.4	0.1	-1.6	ABCN	253
2531	1/0ACSR		60.0	24.9	0.0	ABCN	53	5	1	1	53	4	1	100	0.0	1.6	124.4	0.0	-0.5	ABCN	2531
2532	4ACSR		61.8	24.9	0.0	A N	32	15	2	13	253	117	19	91	0.2	1.9	124.1	0.4	-0.3	A N	2532
254	4ACSR		64.6	24.9	0.0	A N	60	29	4	3	60	28	4	91	0.0	1.9	124.1	0.0	-0.5	A N	254
265	4ACSR		66.1	24.9	0.0	A N	48	22	4	8	161	74	12	91	0.2	2.1	123.9	0.2	-0.7	A N	265
2651	4ACSR		69.0	24.9	0.0	A N	87	41	7	6	113	52	8	91	0.1	2.2	123.8	0.1	-0.5	A N	2651
276	4ACSR		71.0	24.9	0.0	A N	25	12	2	1	25	12	2	91	0.0	2.2	123.8	0.0	-0.4	A N	276
2761	4ACSR		71.2	24.9	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	2.2	123.8	-0.0	-0.0	A N	2761
264	4ACSR		63.9	24.9	0.0	A N	37	17	3	4	76	34	6	91	0.1	1.8	124.2	0.0	-0.9	A N	264
2641	4ACSR		68.8	24.9	0.0	A N	39	19	3	2	39	18	3	91	0.0	1.8	124.2	0.0	-1.0	A N	2641
2374	4ACSR		50.6	24.9	0.0	A N	117	32	8	6	117	32	8	97	0.1	1.4	124.6	0.1	-0.8	A N	2374
2371	4ACSR		49.2	24.9	0.0	A N	50	23	4	3	50	22	4	91	0.0	1.2	124.8	0.0	-1.0	A N	2371
263	4ACSR		42.4	24.9	0.0	A N	88	41	6	28	535	239	39	91	1.2	1.9	124.1	4.5	1.1	A N	263
2631	4ACSR		46.8	24.9	0.0	A N	27	13	2	19	364	162	27	91	0.6	2.5	123.5	1.6	-0.0	A N	2631
273	4ACSR		49.3	24.9	0.0	A N	10	5	1	18	335	150	25	91	0.3	2.8	123.2	0.8	-0.1	A N	273
3031	4ACSR		51.2	24.9	0.0	A N	1	1	0	12	230	105	17	91	0.2	3.0	123.0	0.3	-0.2	A N	3031
303	4ACSR		52.6	24.9	0.0	A N	8	4	1	11	198	90	15	91	0.1	3.1	122.9	0.2	-0.2	A N	303
3034	4ACSR		55.6	24.9	0.0	A N	26	12	2	8	146	67	11	91	0.1	3.2	122.8	0.2	-0.5	A N	3034
304	4ACSR		57.0	24.9	0.0	A N	31	15	2	2	31	14	2	91	0.0	3.2	122.8	0.0	-0.3	A N	304
3041	4ACSR		61.8	24.9	0.0	A N	89	42	7	5	89	41	7	91	0.1	3.3	122.7	0.1	-1.2	A N	3041
3033	4ACSR		57.4	24.9	0.0	A N	44	21	3	2	44	20	3	91	0.0	3.1	122.9	0.0	-0.9	A N	3033
3032	4ACSR		53.9	24.9	0.0	A N	30	14	2	2	30	14	2	91	0.0	3.0	123.0	0.0	-0.5	A N	3032
274	4ACSR		55.4	24.9	0.0	A N	61	29	5	5	94	40	7	92	0.1	2.9	123.1	0.1	-1.1	A N	274
2642	4ACSR		56.0	24.9	0.0	A N	0	0	0	2	33	13	2	93	0.0	3.0	123.0	0.0	-0.1	A N	2642
2643	4ACSR		59.6	24.9	0.0	A N	0	0	0	2	33	13	2	93	0.0	3.0	123.0	0.0	-0.7	A N	2643
2644	4ACSR		63.6	24.9	0.0	A N	12	6	1	1	12	5	1	93	0.0	3.0	123.0	0.0	-0.8	A N	2644
275	4ACSR		65.5	24.9	0.0	A N	20	10	2	1	20	8	1	92	0.0	3.0	123.0	0.0	-1.1	A N	275
272	4ACSR		51.8	24.9	0.0	A N	15	7	1	4	78	34	6	92	0.2	2.2	123.8	0.1	-1.8	A N	272
2721	4ACSR		55.7	24.9	0.0	A N	39	18	3	2	39	18	3	91	0.0	2.2	123.8	0.0	-0.8	A N	2721
2722	4ACSR		54.5	24.9	0.0	A N	24	11	2	1	24	11	2	91	0.0	2.2	123.8	0.0	-0.5	A N	2722
251	4ACSR		38.9	24.9	0.0	A N	66	31	5	18	337	155	25	91	0.5	1.2	124.8	1.1	-0.2	A N	251
2511	4ACSR		41.8	24.9	0.0	A N	159	75	12	14	269	124	20	91	0.2	1.4	124.6	0.4	-0.4	A N	2511
247	4ACSR		45.7	24.9	0.0	A N	46	22	3	5	88	40	6	91	0.1	1.5	124.5	0.1	-0.7	A N	247
2471	4ACSR		47.9	24.9	0.0	A N	42	20	3	2	42	19	3	91	0.0	1.5	124.5	0.0	-0.4	A N	2471
250	4ACSR		46.6	24.9	0.0	A N	22	11	2	1	22	10	2	92	0.0	1.4	124.6	0.0	-1.0	A N	250
2712	4ACSR		29.8	24.9	0.0	A N	2	1	0	2	43	18	3	92	0.0	1.3	124.7	0.0	-0.2	A N	2712
271	4ACSR		38.4	24.9	0.0	A N	26	12	2	1	26	11	2	93	0.0	1.3	124.7	0.0	-1.7	A N	271
2711	4ACSR		32.6	24.9	0.0	A N	15	7	1	1	15	7	1	92	0.0	1.3	124.7	0.0	-0.6	A N	2711
268	4ACSR		23.5	24.9	0.0	A N	24	11	2	4	83	37	6	91	0.1	1.0	125.0	0.1	-1.1	A N	268
26801	4ACSR		27.9	24.9	0.0	A N	60	28	4	3	60	27	4	91	0.0	1.1	124.9	0.0	-0.9	A N	26801
30002	4ACSR		12.7	24.9	0.0	A N	25	12	2	1	25	11	2	92	0.0	0.4	125.6	0.0	-1.0	A N	30002

DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR KVAR	MaxTapPos
10	-1.00	-0.96	561	2	5
8	-1.00	-0.62	555	73	1
8	0.98	-0.83	643	147	1
9	0.98	-0.94	611	137	1
13	1.00	-0.97	672	20	0

DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR KVAR	MaxTapPos
8	-1.00	-0.79	543	-24	3
8	-1.00	-0.77	650	10	1
8	1.00	-0.73	419	51	2
8	-1.00	-0.75	493	50	1
12	-1.00	-0.90	612	-28	1

DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR KVAR	MaxTapPos
12	1.00	-0.99	893	84	7
11	1.00	-0.99	954	143	1
12	0.97	-0.99	834	232	1
11	0.99	-0.99	965	230	2
16	1.00	-0.98	1121	122	0

Project : January 1999 Model
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/03/99 13:06:49
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 4 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For Three Forks Ckt 1 **********
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Three Forks Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1854	267	41	99			126.0			ABCN	Feeder
111	1/0ACSR	7.8	24.9	0.0	ABCN	46	8	1	18	1854	267	41	99	0.6	0.6	125.4	8.3	0.3	ABCN	111
11111	1/0ACSR	12.8	24.9	0.0	ABCN	22	4	0	18	1800	259	40	99	0.4	1.0	125.0	5.1	0.1	ABCN	11111
106	1/0ACSR	19.6	24.9	0.0	ABCN	18	3	0	16	1625	232	37	99	0.5	1.5	124.5	5.7	-0.8	ABCN	106
10619	1/0ACSR	22.7	24.9	0.0	ABCN	0	-0	0	13	1301	186	29	99	0.2	1.7	124.3	1.7	-1.0	ABCN	10619
102	6ACWC	30.2	24.9	0.0	A N	51	9	3	2	51	7	3	99	0.1	1.8	124.2	0.0	-1.5	A N	102
108	1/0ACSR	24.9	24.9	0.0	ABCN	8	1	0	12	1248	180	28	99	0.1	1.8	124.2	1.1	-0.8	ABCN	108
103	4ACSR	31.1	24.9	0.0	A N	52	9	4	3	52	7	4	99	0.1	1.9	124.1	0.0	-1.2	A N	103
79	1/0ACSR	28.0	24.9	0.0	ABCN	2	0	0	12	1187	172	27	99	0.2	1.9	124.1	1.4	-1.2	ABCN	79
100	1/0ACSR	29.7	24.9	0.0	ABCN	57	10	1	12	1184	173	27	99	0.1	2.0	124.0	0.8	-0.7	ABCN	100
Regulator	1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																			
	ABCN : Tap = 2 RAISE																			
Regulator			29.7	24.9	0.0	ABCN				26	1126	164	26	99	-1.5	0.5	125.3	0.0	-0.0	ABCN	Regulator
10099	1/0ACSR	32.5	24.9	0.0	ABCN	-0	0	0	11	1126	164	25	99	0.1	0.6	125.4	1.1	-1.2	ABCN	10099
73	397ACSR	35.7	24.9	0.0	ABCN	135	23	3	2	604	85	14	99	0.0	0.6	125.4	0.1	-2.6	ABCN	73
7398	397ACSR	41.3	24.9	0.0	ABCN	183	31	4	1	391	52	9	99	0.0	0.7	125.3	0.1	-4.7	ABCN	7398
67	397ACSR	43.2	24.9	0.0	ABCN	84	14	2	1	166	20	4	99	0.0	0.7	125.3	0.0	-1.6	ABCN	67
6798	397ACSR	49.8	24.9	0.0	ABCN	41	7	1	0	41	1	1	100	0.0	0.7	125.3	0.0	-5.7	ABCN	6798
6799	4ACSR	47.5	24.9	0.0	A N	41	7	3	2	41	6	3	99	0.0	0.8	125.2	0.0	-0.9	A N	6799
7397	4ACSR	45.1	24.9	0.0	A N	42	7	3	2	42	6	3	99	0.0	0.8	125.2	0.0	-0.8	A N	7397
7399	397ACSR	37.0	24.9	0.0	A N	78	13	5	1	78	13	5	99	0.0	0.7	125.3	0.0	-0.3	A N	7399
76	4ACSR	37.4	24.9	0.0	A N	68	11	5	25	520	80	35	99	0.8	1.4	124.6	2.8	0.5	A N	76
7699	4ACSR	43.4	24.9	0.0	A N	68	11	5	22	449	68	30	99	0.8	2.2	123.8	2.6	0.1	A N	7699
101	4ACSR	46.8	24.9	0.0	A N	0	0	0	1	15	1	1	100	0.0	2.3	123.7	0.0	-0.7	A N	101
78	4ACSR	50.0	24.9	0.0	A N	15	3	1	1	15	2	1	99	0.0	2.3	123.7	0.0	-0.6	A N	78
104	4ACSR	48.5	24.9	0.0	A N	59	10	4	18	363	56	25	99	0.5	2.8	123.2	1.4	-0.3	A N	104
10498	4ACSR	52.1	24.9	0.0	A N	27	5	2	15	303	46	21	99	0.3	3.1	122.9	0.8	-0.3	A N	10498
10499	4ACSR	53.2	24.9	0.0	A N	112	19	8	13	275	42	19	99	0.1	3.2	122.8	0.1	-0.1	A N	10499
105	6ACWC	55.2	24.9	0.0	A N	18	3	1	8	163	24	11	99	0.1	3.3	122.7	0.1	-0.3	A N	105
10589	6ACWC	59.4	24.9	0.0	A N	15	3	1	7	144	21	10	99	0.2	3.5	122.5	0.2	-0.7	A N	10589
10587	6ACWC	68.2	24.9	0.0	A N	111	19	8	5	111	17	8	99	0.1	3.6	122.4	0.1	-1.6	A N	10587
10588	6ACWC	62.7	24.9	0.0	A N	18	3	1	1	18	2	1	99	0.0	3.5	122.5	0.0	-0.6	A N	10588
11318	4ACSR	57.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-63	0.0	3.2	122.8	-0.0	-0.9	A N	11318
107	6ACWC	22.1	24.9	0.0	A N	44	7	3	15	300	43	20	99	0.2	1.7	124.3	0.4	-0.2	A N	107
1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	12	255	36	17	99	0.2	1.9	124.1	0.4	-0.3	A N	1079
10791	6ACWC	30.8	24.9	0.0	A N	83	14	6	12	255	37	17	99	0.4	2.3	123.7	0.7	-0.8	A N	10791
10792	6ACWC	34.7	24.9	0.0	A N	7	1	0	8	172	24	12	99	0.2	2.5	123.5	0.2	-0.6	A N	10792
112	4ACSR	40.5	24.9	0.0	A N	47	8	3	2	47	7	3	99	0.0	2.6	123.4	0.0	-1.1	A N	112
11322	6ACWC	37.9	24.9	0.0	A N	26	4	2	6	118	16	8	99	0.1	2.6	123.4	0.1	-0.6	A N	11322
113	6ACWC	45.8	24.9	0.0	A N	17	3	1	4	92	13	6	99	0.2	2.8	123.2	0.1	-1.5	A N	113
11319	6ACWC	50.8	24.9	0.0	A N	75	13	5	4	75	12	5	99	0.1	2.9	123.1	0.0	-1.0	A N	11319
11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	2.8	123.2	-0.0	-0.4	A N	11320
128	4ACSR	19.0	24.9	0.0	A N	148	25	10	7	148	24	10	99	0.1	1.2	124.8	0.2	-1.1	A N	128

Project : July 1998 Model
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/03/99 13:05:43
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 4 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For Three Forks Ckt 1 **********
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Three Forks Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					934	378	22	93			126.0			ABCN	Feeder
111	1/0ACSR	7.8	24.9	0.0	ABCN	22	10	1	10	934	378	22	93	0.4	0.4	125.6	2.4	-4.2	ABCN	111
11111	1/0ACSR	12.8	24.9	0.0	ABCN	11	5	0	9	909	372	22	93	0.2	0.6	125.4	1.5	-2.7	ABCN	11111
106	1/0ACSR	19.6	24.9	0.0	ABCN	11	5	0	9	844	346	20	93	0.3	0.9	125.1	1.8	-3.9	ABCN	106
10619	1/0ACSR	22.7	24.9	0.0	ABCN	-0	0	0	7	666	275	16	92	0.1	1.0	125.0	0.5	-2.0	ABCN	10619
102	6ACWC	30.2	24.9	0.0	A N	17	8	1	1	17	6	1	93	0.0	1.0	125.0	0.0	-1.5	A N	102
108	1/0ACSR	24.9	24.9	0.0	ABCN	6	3	0	7	648	270	16	92	0.1	1.1	124.9	0.3	-1.4	ABCN	108
103	4ACSR	31.1	24.9	0.0	A N	25	12	2	1	25	10	2	92	0.0	1.1	124.9	0.0	-1.2	A N	103
79	1/0ACSR	28.0	24.9	0.0	ABCN	2	1	0	6	617	258	15	92	0.1	1.2	124.8	0.4	-2.0	ABCN	79
100	1/0ACSR	29.7	24.9	0.0	ABCN	15	7	0	6	615	259	15	92	0.1	1.2	124.8	0.2	-1.1	ABCN	100
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																				
ABCN : Tap = 1 RAISE																				
Regulator			29.7	24.9	0.0	ABCN				15	599	253	15	92	-0.8	0.4	125.3	0.0	-0.0	ABCN	Regulator
10099	1/0ACSR	32.5	24.9	0.0	ABCN	0	0	0	6	599	253	14	92	0.1	0.5	125.5	0.4	-1.8	ABCN	10099
73	397ACSR	35.7	24.9	0.0	ABCN	79	37	2	1	351	149	8	92	0.0	0.6	125.4	0.0	-2.7	ABCN	73
7398	397ACSR	41.3	24.9	0.0	ABCN	109	51	3	1	207	84	5	93	0.0	0.6	125.4	0.0	-4.8	ABCN	7398
67	397ACSR	43.2	24.9	0.0	ABCN	41	19	1	0	78	28	2	94	0.0	0.6	125.4	0.0	-1.6	ABCN	67
6798	397ACSR	49.8	24.9	0.0	ABCN	14	6	0	0	14	1	0	100	0.0	0.6	125.4	0.0	-5.7	ABCN	6798
6799	4ACSR	47.5	24.9	0.0	A N	23	11	2	1	23	10	2	92	0.0	0.7	125.3	0.0	-0.9	A N	6799
7397	4ACSR	45.1	24.9	0.0	A N	20	9	1	1	20	9	1	92	0.0	0.6	125.4	0.0	-0.8	A N	7397
7399	397ACSR	37.0	24.9	0.0	A N	66	31	5	1	66	31	5	91	0.0	0.6	125.4	0.0	-0.3	A N	7399
76	4ACSR	37.4	24.9	0.0	A N	31	15	2	13	247	106	18	92	0.4	1.0	125.0	0.7	-0.6	A N	76
7699	4ACSR	43.4	24.9	0.0	A N	39	18	3	11	215	92	16	92	0.4	1.4	124.6	0.7	-0.9	A N	7699
101	4ACSR	46.8	24.9	0.0	A N	0	0	0	0	8	2	1	96	0.0	1.4	124.6	0.0	-0.7	A N	101
78	4ACSR	50.0	24.9	0.0	A N	8	4	1	0	8	3	1	93	0.0	1.4	124.6	0.0	-0.6	A N	78
104	4ACSR	48.5	24.9	0.0	A N	31	15	2	9	168	73	12	92	0.3	1.7	124.3	0.3	-0.8	A N	104
10498	4ACSR	52.1	24.9	0.0	A N	18	8	1	7	137	59	10	92	0.2	1.9	124.1	0.2	-0.6	A N	10498
10499	4ACSR	53.2	24.9	0.0	A N	42	20	3	6	119	51	9	92	0.0	1.9	124.1	0.0	-0.2	A N	10499
105	6ACWC	55.2	24.9	0.0	A N	15	7	1	4	76	32	6	92	0.0	1.9	124.1	0.0	-0.4	A N	105
10589	6ACWC	59.4	24.9	0.0	A N	9	4	1	3	61	26	4	92	0.1	2.0	124.0	0.0	-0.8	A N	10589
10587	6ACWC	68.2	24.9	0.0	A N	46	21	3	2	46	20	3	92	0.1	2.1	123.9	0.0	-1.7	A N	10587
10588	6ACWC	62.7	24.9	0.0	A N	7	3	0	0	7	2	0	94	0.0	2.0	124.0	0.0	-0.7	A N	10588
11318	4ACSR	57.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-74	0.0	1.9	124.1	-0.0	-0.9	A N	11318
107	6ACWC	22.1	24.9	0.0	A N	23	11	2	9	166	70	12	92	0.1	1.0	125.0	0.2	-0.4	A N	107
1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	7	143	60	10	92	0.1	1.2	124.8	0.1	-0.4	A N	1079
10791	6ACWC	30.8	24.9	0.0	A N	51	24	4	7	143	60	10	92	0.2	1.4	124.6	0.2	-1.1	A N	10791
10792	6ACWC	34.7	24.9	0.0	A N	3	1	0	5	92	38	7	92	0.1	1.5	124.5	0.1	-0.7	A N	10792
112	4ACSR	40.5	24.9	0.0	A N	24	11	2	1	24	10	2	92	0.0	1.6	124.4	0.0	-1.2	A N	112
11322	6ACWC	37.9	24.9	0.0	A N	8	4	1	3	64	27	5	92	0.1	1.6	124.4	0.0	-0.6	A N	11322
113	6ACWC	45.8	24.9	0.0	A N	16	8	1	3	56	23	4	92	0.1	1.7	124.3	0.0	-1.5	A N	113
11319	6ACWC	50.8	24.9	0.0	A N	40	19	3	2	40	18	3	91	0.0	1.8	124.2	0.0	-1.0	A N	11319
11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.7	124.3	0.0	-0.4	A N	11320
128	4ACSR	19.0	24.9	0.0	A N	53	25	4	3	53	24	4	91	0.1	0.7	125.3	0.0	-1.2	A N	128

Mx I amps	DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR kVAR	MxBst MnBuck %
10	1	0.99	0.94	146	17	3.8
10	1	0.99	1.00	161	33	2.0
8	1	0.96	1.00	115	42	2.2
8	1	0.99	1.00	126	41	2.1
11	1	0.99	-1.00	160	16	1.6

Mx I mps	DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR kVAR	MxBst MnBuck %
11	2	0.99	0.91	175	28	1.9
19	2	0.99	0.92	294	39	1.8
9	2	0.97	0.96	141	41	2.1
9	2	0.99	0.96	152	76	2.8
13	2	0.99	0.96	204	29	2.4

FMx I amps	DFMn I amps	pf @ DFMx -	pf @DFmn -	DFMx kW kW	DFMx kVAR kVAR	MxBst MnBuck %
26	6	0.99	0.93	402	75	3.3
38	2	0.99	0.87	579	90	3.0
25	5	0.95	0.89	359	129	2.1
27	4	0.99	0.82	405	120	4.3
34	8	0.99	0.98	508	81	2.2

Project : January 1999 Model
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/03/99 20:46:45
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 8 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For A.O. Smith Ckt 1 **********
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A.O. Smith Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2121	431	48	98			126.0			ABCN	Feeder
4387	1/0ACSR	0.1	24.9	0.0	ABCN	-0	0	0	21	2121	431	48	98	0.0	0.0	126.0	0.2	0.0	ABCN	4387
438	1/0ACSR	1.2	24.9	0.0	ABCN	326	-329	10	19	1940	429	44	98	0.1	0.1	125.9	1.2	0.1	ABCN	438
Capacitor (Wye-Gnd Connected) at Center of Section 438																				
	ABCN : Nominal = 300 kvar						Actual = 330 kvar													
4381	1/0ACSR	1.9	24.9	0.0	ABCN	0	-0	0	8	757	450	19	86	0.0	0.1	125.9	0.2	-0.5	ABCN	4381
452	1/0ACSR	7.5	24.9	0.0	ABCN	4	3	0	7	621	382	16	85	0.2	0.3	125.7	0.9	-3.6	ABCN	452
441	1/0ACSR	12.1	24.9	0.0	ABCN	56	37	1	6	527	332	14	85	0.1	0.5	125.5	0.5	-3.1	ABCN	441
433	4ACSR	18.9	24.9	0.0	A N	35	24	3	2	35	22	3	85	0.0	0.6	125.4	0.0	-1.4	A N	433
434	1/0ACSR	16.7	24.9	0.0	ABCN	47	32	1	5	436	276	11	84	0.1	0.6	125.4	0.3	-3.2	ABCN	434
4341	1/0ACSR	20.6	24.9	0.0	ABCN	52	35	1	4	388	247	10	84	0.1	0.7	125.3	0.2	-2.9	ABCN	4341
4342	1/0ACSR	21.2	24.9	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.7	125.3	0.0	-0.4	ABCN	4342
427	4ACSR	24.9	24.9	0.0	A N	78	52	6	19	336	215	27	84	0.5	1.2	124.8	1.3	-0.2	A N	427
430	4ACSR	27.2	24.9	0.0	A N	40	27	3	2	40	26	3	83	0.0	1.3	124.7	0.0	-0.5	A N	430
435	4ACSR	28.4	24.9	0.0	A N	17	11	1	12	216	137	17	84	0.3	1.5	124.5	0.5	-0.4	A N	435
4351	4ACSR	31.7	24.9	0.0	A N	25	17	2	11	199	126	16	84	0.2	1.8	124.2	0.4	-0.4	A N	4351
436	4ACSR	36.9	24.9	0.0	A N	14	9	1	10	174	110	14	85	0.3	2.1	123.9	0.5	-0.8	A N	436
431	4ACSR	44.7	24.9	0.0	A N	31	21	2	2	31	19	2	85	0.0	2.2	123.8	0.0	-1.5	A N	431
437	4ACSR	42.9	24.9	0.0	A N	7	5	1	7	129	82	10	84	0.3	2.4	123.6	0.3	-1.0	A N	437
4371	4ACSR	48.6	24.9	0.0	A N	53	35	4	7	121	78	10	84	0.2	2.6	123.4	0.2	-1.0	A N	4371
4372	4ACSR	54.6	24.9	0.0	A N	52	35	4	3	52	34	4	84	0.1	2.7	123.3	0.0	-1.1	A N	4372
443	4ACSR	51.0	24.9	0.0	A N	16	11	1	1	16	10	1	84	0.0	2.6	123.4	0.0	-0.5	A N	443
440	4ACSR	17.0	24.9	0.0	A N	89	53	7	5	89	51	7	87	0.2	0.5	125.5	0.1	-1.9	A N	440
439	1/0ACSR	4.9	24.9	0.0	ABCN	135	70	3	1	135	68	3	89	0.0	0.1	125.9	0.0	-2.2	ABCN	439
4382	1/0ACSR	2.3	24.9	0.0	ABCN	42	28	1	9	856	308	20	94	0.0	0.1	125.9	0.3	-0.6	ABCN	4382
4383	1/0ACSR	2.7	24.9	0.0	ABCN	345	3	8	3	345	2	8	100	0.0	0.2	125.8	0.0	-0.3	ABCN	4383
4384	1/0ACSR	4.5	24.9	0.0	ABCN	-0	-0	0	5	469	277	12	86	0.1	0.2	125.8	0.2	-1.5	ABCN	4384
43840	1/0ACSR	5.8	24.9	0.0	ABCN	-0	-0	0	5	420	267	11	84	0.0	0.2	125.8	0.1	-0.9	ABCN	43840
43842	1/0ACSR	7.5	24.9	0.0	A N	6	0	0	14	420	268	33	84	0.2	0.4	125.6	0.5	0.1	A N	43842
43843	1/0EPR	10.9	24.9	0.0	A N	4	3	0	16	413	268	33	84	1.3	1.8	124.2	3.7	3.1	A N	43843
43844	1/0ACSR	14.7	24.9	0.0	A N	0	0	0	14	406	262	32	84	0.4	2.1	123.9	1.0	0.2	A N	43844
4512	4ACSR	17.4	24.9	0.0	A N	17	11	1	23	404	262	32	84	0.4	2.6	123.4	1.5	0.2	A N	4512
451	4ACSR	21.8	24.9	0.0	A N	26	17	2	14	238	158	19	83	0.4	3.0	123.0	0.8	-0.4	A N	451
4511	2ACSR	25.9	24.9	0.0	A N	211	142	17	10	212	141	17	83	0.1	3.1	122.9	0.2	-0.7	A N	4511
4513	4ACSR	19.3	24.9	0.0	A N	3	2	0	8	148	93	12	85	0.1	2.7	123.3	0.1	-0.3	A N	4513
450	4ACSR	26.2	24.9	0.0	A N	64	43	5	4	64	42	5	84	0.1	2.8	123.2	0.0	-1.3	A N	450
1201	4ACSR	21.7	24.9	0.0	A N	12	8	1	5	80	49	6	85	0.1	2.8	123.2	0.0	-0.4	A N	1201
446	4ACSR	27.6	24.9	0.0	A N	39	26	3	2	39	25	3	84	0.0	2.8	123.2	0.0	-1.2	A N	446
4461	4ACSR	22.2	24.9	0.0	A N	0	0	0	2	28	16	2	88	0.0	2.8	123.2	0.0	-0.1	A N	4461
445	4ACSR	28.8	24.9	0.0	A N	18	12	1	1	18	10	1	88	0.0	2.8	123.2	0.0	-1.3	A N	445
4431	4ACSR	29.3	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.8	123.2	0.0	-0.1	A N	4431
4432	4ACSR	30.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.8	123.2	0.0	-0.3	A N	4432
444	4ACSR	32.4	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.8	123.2	0.0	-0.7	A N	444
447	4ACSR	26.9	24.9	0.0	A N	10	7	1	1	10	6	1	87	0.0	2.8	123.2	0.0	-0.9	A N	447

A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
43841	1/0ACSR	5.4	24.9	0.0	ABCN	25	11	1	0	48	12	1	97	0.0	0.2	125.8	0.0	-0.7	ABCN	43841
4385	1/0ACSR	6.3	24.9	0.0	ABCN	23	1	1	0	23	1	1	100	0.0	0.2	125.8	0.0	-0.7	ABCN	4385
4386	1/0ACSR	2.2	24.9	0.0	ABCN	181	3	4	2	181	2	4	100	0.0	0.0	126.0	0.0	-1.6	ABCN	4386

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********** Load-Flow Results For Bowen Ckt 1 **********
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Bowen Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1477	123	65	100			126.0			ABCN	Feeder
771	397ACSR	3.2	12.5	0.0	ABCN	14	2	1	11	1477	123	65	100	0.2	0.2	125.8	2.0	4.2	ABCN	771
7711	397ACSR	4.5	12.5	0.0	ABCN	9	1	0	11	1461	117	65	100	0.1	0.3	125.7	0.8	1.7	ABCN	7711
77110	1/0EPR	5.6	12.5	0.0	ABCN	-0	0	0	26	1195	84	53	100	1.0	1.3	124.7	9.2	9.3	ABCN	77110
77111	336ACSR	9.0	12.5	0.0	ABCN	3	0	0	10	1185	75	53	100	0.2	1.5	124.5	1.6	2.7	ABCN	77111
772	1/0ACSR	9.8	12.5	0.0	ABCN	8	1	0	0	8	1	0	99	0.0	1.5	124.5	0.0	-0.1	ABCN	772
77200	4ACSR	12.4	12.5	0.0	ABCN	13	2	1	37	1173	71	52	100	1.5	3.0	123.0	13.5	3.9	ABCN	77200
774	4ACSR	16.3	12.5	0.0	ABCN	28	3	1	37	1137	64	51	100	1.7	4.6	121.4	14.9	4.3	ABCN	774
7741	336ACSR	21.9	12.5	0.0	ABCN	36	4	2	9	986	44	45	100	0.3	4.9	121.1	1.9	2.9	ABCN	7741
777	1/0ACSR	26.1	12.5	0.0	ABCN	19	2	1	19	948	37	44	100	0.6	5.5	120.5	4.9	3.0	ABCN	777
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 777																				
	ABCN : Tap = 7				RAISE															
Regulator			26.1	12.5	0.0	ABCN				43	924	31	43	100	-5.3	0.3	125.7	0.0	-0.0	ABCN	Regulator
77701	4ACSR	27.9	12.5	0.0	ABCN	57	2	3	23	740	18	33	100	0.5	0.7	125.3	2.7	0.6	ABCN	77701
1003	4ACSR	32.1	12.5	0.0	ABCN	79	6	4	22	681	15	30	100	1.0	1.7	124.3	5.1	1.0	ABCN	1003
1005	6ACWC	33.6	12.5	0.0	ABCN	27	3	1	19	597	8	27	100	0.3	2.0	124.0	1.4	0.2	ABCN	1005
10053	6ACWC	34.8	12.5	0.0	ABCN	63	2	3	2	63	1	3	100	0.0	2.0	124.0	0.0	-0.2	ABCN	10053
10054	1/0ACSR	37.4	12.5	0.0	ABCN	9	1	0	10	505	3	23	100	0.3	2.3	123.7	1.2	0.2	ABCN	10054
10051	4ACSR	39.9	12.5	0.0	ABCN	491	0	22	16	494	1	22	100	0.2	2.5	123.5	3.0	1.1	ABCN	10051
10052	4ACSR	43.0	12.5	0.0	AB N	0	0	0	0	0	-0	0	0	-0.0	2.6	123.4	0.0	-0.3	AB N	10052
7771	1/0ACSR	26.5	12.5	0.0	ABCN	52	-0	2	4	184	13	8	100	0.0	0.3	125.7	0.0	-0.1	ABCN	7771
77700	1/0ACSR	28.0	12.5	0.0	ABCN	13	2	1	2	118	12	5	99	0.0	0.3	125.7	0.0	-0.3	ABCN	77700
1004	2ACSR	36.4	12.5	0.0	A N	2	0	0	8	105	11	14	99	0.8	1.2	124.8	0.6	-0.0	A N	1004
1008	2ACSR	44.3	12.5	0.0	A N	102	11	14	8	102	10	14	99	0.4	1.5	124.5	0.3	-0.2	A N	1008
77702	2ACSR	30.2	12.5	0.0	A N	14	2	2	1	14	2	2	99	0.0	0.4	125.6	0.0	-0.2	A N	77702
77400	4ACSR	18.2	12.5	0.0	ABCN	47	6	2	4	108	13	5	99	0.1	4.7	121.3	0.1	-0.3	ABCN	77400
775	4ACSR	29.1	12.5	0.0	A N	61	7	8	6	61	7	8	99	0.4	5.2	120.8	0.2	-0.4	A N	775
77201	4ACSR	15.0	12.5	0.0	A N	10	1	1	1	10	1	1	99	0.0	3.0	123.0	0.0	-0.1	A N	77201
773	4ACSR	9.8	12.5	0.0	A N	22	3	3	24	257	30	34	99	1.6	1.9	124.1	3.0	1.3	A N	773
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 773																				
	A N : Tap = 2				RAISE															
Regulator			9.8	12.5	0.0	A N				31	232	26	31	99	-1.6	0.3	125.6	0.0	0.0	A N	Regulator
776	4ACSR	16.5	12.5	0.0	A N	18	2	2	22	232	26	31	99	1.9	2.2	123.8	3.2	1.3	A N	776
1001	4ACSR	17.8	12.5	0.0	A N	20	3	3	14	141	15	19	99	0.2	2.4	123.6	0.2	0.0	A N	1001
10011	4ACSR	21.3	12.5	0.0	A N	36	4	5	12	120	13	16	99	0.5	2.9	123.1	0.4	0.0	A N	10011
10012	4ACSR	25.0	12.5	0.0	A N	7	1	1	8	81	8	11	99	0.4	3.2	122.8	0.2	-0.1	A N	10012
1000	4ACSR	30.8	12.5	0.0	A N	17	2	2	7	74	8	10	99	0.5	3.7	122.3	0.3	-0.1	A N	1000
10001	4ACSR	37.0	12.5	0.0	A N	8	1	1	6	57	6	8	99	0.4	4.1	121.9	0.2	-0.2	A N	10001
10002	4ACSR	46.8	12.5	0.0	A N	18	2	3	2	18	2	3	100	0.1	4.2	121.8	0.0	-0.5	A N	10002
10003	4ACSR	48.4	12.5	0.0	A N	30	4	4	3	30	3	4	99	0.2	4.3	121.7	0.1	-0.5	A N	10003
10013	4ACSR	27.7	12.5	0.0	A N	3	0	0	0	3	0	0	100	0.0	2.9	123.1	0.0	-0.3	A N	10013
1002	4ACSR	23.1	12.5	0.0	A N	17	2	2	7	70	7	9	99	0.5	2.7	123.3	0.2	-0.2	A N	1002
1006	4ACSR	27.8	12.5	0.0	A N	10	1	1	1	10	1	1	99	0.0	2.7	123.3	0.0	-0.2	A N	1006
1007	4ACSR	29.4	12.5	0.0	A N	11	1	2	4	42	4	6	100	0.3	3.0	123.0	0.1	-0.3	A N	1007
1009	4ACSR	32.8	12.5	0.0	A N	5	1	1	1	5	0	1	100	0.0	3.0	123.0	0.0	-0.2	A N	1009
10111	4ACSR	30.9	12.5	0.0	A N	2	0	0	2	25	3	3	99	0.0	3.0	123.0	0.0	-0.1	A N	10111
1011	4ACSR	39.9	12.5	0.0	A N	24	3	3	2	24	2	3	99	0.1	3.2	122.8	0.0	-0.4	A N	1011

********** Load-Flow Results For Bowen Ckt 2 **********

Bowen Ckt 2 Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					860	-620	47	-81			126.0			ABCN	Feeder
768	4ACSR	2.7	12.5	0.0	ABCN	298	-638	31	33	860	-620	47	-81	0.6	0.6	125.4	6.4	1.8	ABCN	768
Capacitor (Wye-Gnd Connected) at Center of Section 768																				
ABCN : Nominal = 600 kvar Actual = 658 kvar																				
77011	4ACSR	3.3	12.5	0.0	ABCN	532	2	24	18	555	16	25	100	0.1	0.7	125.3	0.8	0.3	ABCN	77011
770	4ACSR	9.7	12.5	0.0	A N	16	11	3	2	22	14	3	84	0.1	1.3	124.7	0.0	-0.3	A N	770
7701	4ACSR	14.7	12.5	0.0	A N	1	1	0	1	5	3	1	87	0.0	1.3	124.7	0.0	-0.3	A N	7701
7702	4ACSR	19.7	12.5	0.0	A N	3	2	1	0	3	2	1	85	0.0	1.3	124.7	0.0	-0.2	A N	7702
7703	4ACSR	19.4	12.5	0.0	A N	1	1	0	0	1	0	0	94	0.0	1.3	124.7	0.0	-0.2	A N	7703

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********** Load-Flow Results For Bowen Ckt 3 **********
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Bowen Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1167	168	52	99			126.0			ABCN	Feeder
767	4ACSR	6.0	12.5	0.0	ABCN	72	11	3	37	1167	168	52	99	2.5	2.5	123.5	22.2	6.3	ABCN	767
766	397ACSR	8.4	12.5	0.0	ABCN	0	0	0	6	809	123	37	99	0.1	2.6	123.4	0.5	0.7	ABCN	766
753	1/0CU	12.4	12.5	0.0	ABCN	13	2	1	10	646	102	29	99	0.3	2.9	123.1	1.2	0.7	ABCN	753
765	1/0CU	18.0	12.5	0.0	ABCN	8	1	0	8	527	85	24	99	0.3	3.2	122.8	1.1	0.3	ABCN	765
760	1/0CU	21.8	12.5	0.0	ABCN	0	0	0	7	469	76	21	99	0.2	3.4	122.6	0.6	0.0	ABCN	760
761	4ACSR	25.1	12.5	0.0	A N	14	2	2	46	468	76	64	99	2.0	5.6	120.4	7.1	3.6	A N	761
762	4ACSR	25.9	12.5	0.0	A N	15	2	2	45	447	70	63	99	0.5	6.0	120.0	1.6	0.8	A N	762
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 762																				
A N : Tap = 7 RAISE																				
Regulator		25.9	12.5	0.0	A N				60	430	67	60	99	-5.2	0.8	125.2	-0.0	0.0	A N	Regulator
7621	4ACSR	27.7	12.5	0.0	A N	10	1	1	1	10	1	1	99	0.0	0.8	125.2	0.0	-0.1	A N	7621
7622	4ACSR	30.7	12.5	0.0	A N	117	18	16	40	420	66	57	99	2.2	3.0	123.0	6.2	3.0	A N	7622
7624	4ACSR	35.9	12.5	0.0	A N	45	7	6	19	198	30	27	99	1.2	4.2	121.8	1.6	0.6	A N	7624
7625	4ACSR	41.6	12.5	0.0	A N	104	16	14	15	152	23	21	99	0.8	4.9	121.1	0.7	0.1	A N	7625
7626	4ACSR	47.5	12.5	0.0	A N	48	7	7	5	48	7	7	99	0.2	5.1	120.9	0.1	-0.2	A N	7626
7623	4ACSR	33.3	12.5	0.0	A N	98	15	13	10	98	15	13	99	0.2	3.2	122.8	0.1	-0.1	A N	7623
751	4ACSR	23.6	12.5	0.0	A N	39	6	5	5	49	7	7	99	0.2	3.6	122.4	0.1	-0.2	A N	751
7511	4ACSR	29.9	12.5	0.0	A N	10	1	1	1	10	1	1	99	0.0	3.7	122.3	0.0	-0.3	A N	7511
752	1/0CU	18.5	12.5	0.0	ABCN	4	1	0	2	106	14	5	99	0.1	3.0	123.0	0.0	-1.1	ABCN	752
746	4ACSR	23.9	12.5	0.0	A N	48	7	7	10	102	15	14	99	0.5	3.7	122.3	0.4	-0.1	A N	746
7461	4ACSR	28.4	12.5	0.0	A N	11	2	2	5	53	8	7	99	0.3	4.0	122.0	0.1	-0.2	A N	7461
7462	4ACSR	34.5	12.5	0.0	A N	42	6	6	4	42	6	6	99	0.2	4.1	121.9	0.1	-0.3	A N	7462
7531	4ACSR	9.9	12.5	0.0	ABCN	11	2	1	5	162	21	7	99	0.1	2.7	123.3	0.1	-0.2	ABCN	7531
754	4ACSR	13.2	12.5	0.0	A N	30	5	4	15	150	19	21	99	0.6	3.5	122.5	0.6	0.2	A N	754
7541	4ACSR	16.7	12.5	0.0	A N	20	3	3	12	119	14	16	99	0.5	4.0	122.0	0.4	0.1	A N	7541
7542	4ACSR	24.4	12.5	0.0	A N	20	3	3	10	99	11	14	99	0.9	4.9	121.1	0.6	-0.0	A N	7542
7543	2ACSR	28.0	12.5	0.0	A N	10	2	1	6	78	8	11	99	0.2	5.1	120.9	0.1	-0.1	A N	7543
7544	2ACSR	32.8	12.5	0.0	A N	0	0	0	5	68	7	9	99	0.3	5.4	120.6	0.2	-0.1	A N	7544
755	4ACSR	42.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	5.4	120.6	0.0	-0.5	A N	755
756	4ACSR	34.2	12.5	0.0	A N	6	1	1	7	67	7	9	99	0.1	5.5	120.5	0.1	-0.0	A N	756
7561	4ACSR	41.0	12.5	0.0	A N	13	2	2	1	13	2	2	99	0.1	5.6	120.4	0.0	-0.3	A N	7561
7562	4ACSR	42.6	12.5	0.0	A N	1	0	0	5	48	5	7	99	0.5	6.0	120.0	0.2	-0.3	A N	7562
7563	2ACSR	49.4	12.5	0.0	A N	5	1	1	4	47	5	6	99	0.3	6.3	119.7	0.1	-0.3	A N	7563
7564	2ACSR	53.8	12.5	0.0	A N	0	0	0	3	41	4	6	99	0.2	6.5	119.5	0.1	-0.2	A N	7564
7565	4ACSR	59.6	12.5	0.0	A N	0	0	0	4	41	5	6	99	0.3	6.8	119.2	0.1	-0.2	A N	7565
11311	4ACSR	64.9	12.5	0.0	A N	21	3	3	2	21	2	3	99	0.1	6.8	119.2	0.0	-0.2	A N	11311
1131	4ACSR	72.9	12.5	0.0	A N	0	0	0	0	0	-1	0	-17	-0.0	6.8	119.2	0.0	-0.4	A N	1131
11313	4ACSR	82.7	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	6.8	119.2	0.0	-0.4	A N	11313
1132	4ACSR	66.5	12.5	0.0	A N	20	3	3	2	20	3	3	99	0.1	6.9	119.1	0.0	-0.3	A N	1132
764	4ACSR	8.3	12.5	0.0	ABCN	36	5	2	9	263	28	12	99	0.2	2.7	123.3	0.4	-0.3	ABCN	764
7641	4ACSR	11.1	12.5	0.0	A N	31	5	4	3	31	5	4	99	0.1	3.0	123.0	0.0	-0.1	A N	7641
7642	2ACSR	12.6	12.5	0.0	ABCN	87	3	4	5	195	18	9	100	0.2	2.9	123.1	0.3	-0.6	ABCN	7642
7643	6ACWC	14.0	12.5	0.0	ABCN	2	0	0	4	108	16	5	99	0.1	3.0	123.0	0.0	-0.2	ABCN	7643
763	6ACWC	17.4	12.5	0.0	A N	50	7	7	7	71	10	10	99	0.2	3.5	122.5	0.1	-0.1	A N	763
7631	6ACWC	22.0	12.5	0.0	A N	22	3	3	2	22	3	3	99	0.1	3.6	122.4	0.0	-0.2	A N	7631
7644	2ACSR	20.3	12.5	0.0	A N	35	5	5	3	35	5	5	99	0.1	3.4	122.6	0.0	-0.3	A N	7644

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********** Load-Flow Results For Cave Run Ckt 1 **********

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Cave Run Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					697	108	31	99			126.0			ABCN	Feeder
11024	4/0ACSR	0.4	12.5	0.0	ABCN	-0	0	0	9	697	108	31	99	0.0	0.0	126.0	0.1	0.1	ABCN	11024
1024	4/0ACSR	4.1	12.5	0.0	ABCN	121	25	5	9	697	108	31	99	0.2	0.3	125.7	1.1	0.6	ABCN	1024
10241	4/0ACSR	7.6	12.5	0.0	ABCN	130	27	6	8	575	82	26	99	0.2	0.4	125.6	0.7	0.2	ABCN	10241
10291	4/0ACSR	8.6	12.5	0.0	ABCN	43	9	2	6	445	54	20	99	0.0	0.5	125.5	0.1	-0.0	ABCN	10291
1029	4/0ACSR	11.2	12.5	0.0	ABCN	28	6	1	4	343	33	15	100	0.1	0.6	125.4	0.2	-0.3	ABCN	1029
1038	4/0ACSR	18.4	12.5	0.0	ABCN	22	5	1	4	315	27	14	100	0.2	0.8	125.2	0.4	-0.9	ABCN	1038
10381	4/0ACSR	27.4	12.5	0.0	ABCN	0	0	0	4	293	24	13	100	0.2	1.0	125.0	0.5	-1.2	ABCN	10381
1039	1/0EPR	30.9	12.5	0.0	ABCN	0	-0	0	3	127	16	6	99	0.4	1.4	124.6	0.3	-0.4	ABCN	1039
1027	1/0EPR	35.4	12.5	0.0	ABCN	0	0	0	1	47	4	2	100	0.2	1.5	124.5	0.1	-0.9	ABCN	1027
10271	1/0EPR	39.6	12.5	0.0	ABCN	39	6	2	1	47	5	2	99	0.1	1.6	124.4	0.1	-0.9	ABCN	10271
1025	2XLP	43.0	12.5	0.0	ABCN	8	1	0	0	8	-0	0	-100	0.0	1.6	124.4	0.0	-0.8	ABCN	1025
1032	1/0EPR	34.9	12.5	0.0	ABCN	27	6	1	2	79	13	4	99	0.2	1.6	124.4	0.1	-0.8	ABCN	1032
10321	1/0EPR	47.8	12.5	0.0	ABCN	0	0	0	1	51	8	2	99	0.6	2.2	123.8	0.2	-2.7	ABCN	10321
10322	1/0EPR	50.4	12.5	0.0	A N	2	0	0	4	51	10	7	98	0.4	2.9	123.1	0.1	-0.0	A N	10322
1031	4ACSR	55.7	12.5	0.0	A N	11	2	2	5	49	10	7	98	0.3	3.2	122.8	0.1	-0.2	A N	1031
10311	4ACSR	59.7	12.5	0.0	A N	38	8	5	4	38	8	5	98	0.1	3.3	122.7	0.0	-0.2	A N	10311
10391	1/0EPR	31.1	12.5	0.0	ABCN	83	9	4	4	166	8	7	100	0.4	1.4	124.6	0.5	-0.3	ABCN	10391
10251	2XLP	33.8	12.5	0.0	ABCN	82	0	4	4	82	-0	4	-100	0.1	1.4	124.6	0.2	-0.4	ABCN	10251
10292	4ACSR	10.9	12.5	0.0	A N	59	12	8	6	59	12	8	98	0.1	0.7	125.3	0.0	-0.1	A N	10292
12024	4/0ACSR	0.5	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.0	ABCN	12024

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********** Load-Flow Results For Cave Run Ckt 2 **********
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Cave Run Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					760	99	34	99			126.0			ABCN	Feeder
11026	4/0ACSR	0.4	12.5	0.0	ABCN	54	11	2	10	760	99	34	99	0.0	0.0	126.0	0.1	0.1	ABCN	11026
1026	4/0ACSR	1.0	12.5	0.0	ABCN	22	4	1	9	706	88	31	99	0.0	0.1	125.9	0.2	0.1	ABCN	1026
10261	4/0ACSR	1.6	12.5	0.0	ABCN	41	8	2	9	684	83	30	99	0.0	0.1	125.9	0.2	0.1	ABCN	10261
10242	4ACSR	4.8	12.5	0.0	A N	234	40	32	23	235	40	32	99	0.5	0.6	125.4	0.8	0.3	A N	10242
10260	4/0ACSR	3.9	12.5	0.0	ABCN	88	16	4	5	408	34	18	100	0.1	0.2	125.8	0.2	-0.2	ABCN	10260
10262	4/0ACSR	4.2	12.5	0.0	ABCN	-0	0	0	4	320	19	14	100	0.0	0.2	125.8	0.0	-0.0	ABCN	10262
1023	1/0ACSR	7.9	12.5	0.0	ABCN	176	3	8	6	320	18	14	100	0.1	0.3	125.7	0.5	-0.3	ABCN	1023
10231	1/0ACSR	10.7	12.5	0.0	ABCN	5	1	0	1	59	3	3	100	0.0	0.4	125.6	0.0	-0.5	ABCN	10231
10232	1/0EPR	15.7	12.5	0.0	ABCN	54	3	2	1	54	2	2	100	0.1	0.5	125.5	0.1	-1.0	ABCN	10232
10233	4ACSR	9.3	12.5	0.0	ABCN	-0	0	0	3	85	14	4	99	0.0	0.4	125.6	0.0	-0.2	ABCN	10233
1018	1/0ACSR	19.5	12.5	0.0	ABCN	0	-0	0	0	0	-4	0	0	-0.0	0.4	125.6	0.0	-2.0	ABCN	1018
10181	1/0ACSR	28.2	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.4	125.6	0.0	-1.7	ABCN	10181
1019	4ACSR	14.8	12.5	0.0	A N	85	17	12	8	85	17	11	98	0.3	0.9	125.1	0.2	-0.2	A N	1019

********** Load-Flow Results For Clay City Ckt 1 **********

Clay City Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2540	602	115	97			126.0			ABCN	Feeder
5604	4/0ACSR	1.8	12.5	0.0	ABCN	4	1	0	34	2540	602	115	97	0.5	0.5	125.5	7.8	9.8	ABCN	5604
560	4/0ACSR	4.5	12.5	0.0	ABCN	46	16	2	34	2529	591	115	97	0.7	1.2	124.8	11.8	14.8	ABCN	560
5601	2ACSR	6.5	12.5	0.0	ABCN	453	4	20	11	454	4	20	100	0.1	1.3	124.7	1.4	0.6	ABCN	5601
5602	4/0ACSR	5.1	12.5	0.0	ABCN	13	5	1	27	2016	555	93	96	0.1	1.3	124.7	1.7	2.1	ABCN	5602
556	4/0ACSR	8.7	12.5	0.0	ABCN	149	53	7	13	1010	200	46	98	0.4	1.7	124.3	2.3	2.3	ABCN	556
5561	4/0ACSR	10.8	12.5	0.0	ABCN	92	33	4	11	858	144	39	99	0.2	1.9	124.1	1.0	0.9	ABCN	5561
5562	4/0ACSR	13.6	12.5	0.0	ABCN	145	51	7	10	765	110	35	99	0.2	2.1	123.9	1.0	0.7	ABCN	5562
553	4ACSR	14.5	12.5	0.0	ABCN	12	-155	7	20	620	58	28	100	0.2	2.3	123.7	1.1	0.2	ABCN	553
Capacitor (Wye-Gnd Connected) at Center of Section 553																				
	ABCN : Nominal = 150 kvar					Actual = 160 kvar														
5531	4ACSR	20.4	12.5	0.0	A N	23	8	3	2	23	8	3	95	0.1	2.6	123.4	0.0	-0.3	A N	5531
5532	4ACSR	15.0	12.5	0.0	ABCN	7	3	0	20	583	205	28	94	0.1	2.4	123.6	0.5	0.1	ABCN	5532
552	4/0ACSR	17.8	12.5	0.0	ABCN	49	17	2	5	323	113	15	94	0.1	2.5	123.5	0.2	-0.3	ABCN	552
5521	4/0ACSR	19.5	12.5	0.0	A N	58	21	8	2	58	21	8	94	0.0	2.8	123.2	0.0	-0.1	A N	5521
5522	4/0ACSR	20.2	12.5	0.0	A N	39	14	6	2	39	14	6	94	0.0	2.8	123.2	0.0	-0.1	A N	5522
5523	4/0ACSR	19.9	12.5	0.0	ABCN	93	33	4	2	177	61	8	95	0.0	2.5	123.5	0.1	-0.3	ABCN	5523
550	4/0ACSR	22.7	12.5	0.0	ABCN	39	14	2	1	77	26	4	95	0.0	2.5	123.5	0.0	-0.5	ABCN	550
541	4/0ACSR	26.3	12.5	0.0	ABCN	26	9	1	0	26	9	1	95	0.0	2.5	123.5	0.0	-0.7	ABCN	541
542	6ACWC	32.2	12.5	0.0	A N	12	4	2	1	12	4	2	95	0.1	3.0	123.0	0.0	-0.5	A N	542
551	4/0ACSR	20.9	12.5	0.0	A N	6	2	1	0	6	2	1	95	0.0	2.9	123.1	0.0	-0.1	A N	551
554	4ACSR	19.1	12.5	0.0	A N	134	48	19	26	251	89	36	94	1.1	3.7	122.3	1.7	0.7	A N	554
555	4/0ACSR	24.1	12.5	0.0	A N	115	41	17	5	115	41	17	94	0.2	3.9	122.1	0.1	-0.1	A N	555
559	4/0ACSR	5.9	12.5	0.0	ABCN	0	-0	0	11	809	284	38	94	0.1	1.4	124.6	0.4	0.4	ABCN	559
5591	2ACSR	7.5	12.5	0.0	ABCN	45	12	2	21	809	284	38	94	0.4	1.8	124.2	2.2	0.8	ABCN	5591
558	4/0ACSR	8.9	12.5	0.0	ABCN	86	31	4	7	515	183	24	94	0.1	1.9	124.1	0.2	0.0	ABCN	558
557	336ACSR	12.5	12.5	0.0	ABCN	93	33	4	4	428	152	20	94	0.1	2.0	124.0	0.2	-0.3	ABCN	557
9557	6ACWC	17.3	12.5	0.0	A N	137	49	20	34	335	119	48	94	1.7	3.8	122.2	3.6	1.9	A N	9557
95571	6ACWC	19.8	12.5	0.0	A N	69	24	10	20	194	68	28	94	0.5	4.3	121.7	0.7	0.3	A N	95571
95572	4ACSR	20.6	12.5	0.0	A N	0	0	0	13	125	44	18	94	0.1	4.5	121.5	0.1	0.0	A N	95572
9331	4ACSR	26.6	12.5	0.0	A N	51	18	7	6	59	20	8	94	0.3	4.8	121.2	0.1	-0.2	A N	9331
331	2ACSR	29.9	12.5	0.0	A N	8	3	1	1	8	3	1	95	0.0	4.8	121.2	0.0	-0.2	A N	331
95573	4ACSR	23.7	12.5	0.0	A N	66	23	10	7	66	23	10	94	0.1	4.6	121.4	0.1	-0.1	A N	95573
578	4ACSR	10.0	12.5	0.0	A N	81	29	12	25	246	87	35	94	0.7	2.6	123.4	1.2	0.5	A N	578
5781	4ACSR	13.1	12.5	0.0	A N	64	23	9	7	64	23	9	94	0.1	2.7	123.3	0.1	-0.1	A N	5781
5782	4ACSR	11.9	12.5	0.0	A N	57	20	8	10	101	36	14	94	0.2	2.8	123.2	0.1	-0.0	A N	5782
5783	4ACSR	14.2	12.5	0.0	A N	43	15	6	4	43	15	6	94	0.1	2.8	123.2	0.0	-0.1	A N	5783
5603	4/0ACSR	7.7	12.5	0.0	A N	110	39	16	8	182	65	26	94	0.2	1.5	124.5	0.2	0.1	A N	5603
5672	4/0ACSR	9.9	12.5	0.0	A N	73	26	10	3	73	26	10	94	0.0	1.6	124.4	0.0	-0.1	A N	5672

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********** Load-Flow Results For Clay City Ckt 2 **********

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Clay City Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2798	646	127	97			126.0			ABCN	Feeder
56701	4/0ACSR	0.1	12.5	0.0	ABCN	0	0	0	37	2798	646	127	97	0.0	0.0	126.0	0.7	0.9	ABCN	56701
567	4/0ACSR	1.8	12.5	0.0	ABCN	5	2	0	36	2728	622	123	98	0.5	0.5	125.5	8.4	10.6	ABCN	567
5671	4/0ACSR	4.4	12.5	0.0	ABCN	6	2	0	36	2715	610	123	98	0.8	1.3	124.7	13.7	17.2	ABCN	5671
571	4/0ACSR	7.9	12.5	0.0	ABCN	190	-146	11	36	2696	590	123	98	1.0	2.3	123.7	16.7	21.1	ABCN	571
Capacitor (Wye-Gnd Connected) at Center of Section 571																				
	ABCN :	Nominal =	150 kvar			Actual =	161 kvar													
5710	4/0ACSR	8.2	12.5	0.0	ABCN	3	1	0	16	1203	286	56	97	0.0	2.3	123.7	0.3	0.3	ABCN	5710
5711	4/0ACSR	8.5	12.5	0.0	ABCN	69	14	3	16	1158	270	53	97	0.0	2.4	123.6	0.3	0.3	ABCN	5711
573	4/0ACSR	10.6	12.5	0.0	ABCN	152	23	7	15	1089	256	50	97	0.2	2.6	123.4	1.6	1.7	ABCN	573
5731	4/0ACSR	11.1	12.5	0.0	ABCN	89	31	4	6	411	139	20	95	0.0	2.6	123.4	0.1	-0.0	ABCN	5731
5758	4/0ACSR	11.4	12.5	0.0	ABCN	35	9	2	4	321	108	15	95	0.0	2.6	123.4	0.0	-0.0	ABCN	5758
5755	4/0ACSR	12.1	12.5	0.0	A N	32	11	5	1	32	11	5	95	0.0	2.8	123.2	0.0	-0.0	A N	5755
5757	4/0ACSR	11.8	12.5	0.0	ABCN	4	1	0	2	157	54	7	95	0.0	2.6	123.4	0.0	-0.1	ABCN	5757
5751	6ACWC	12.7	12.5	0.0	A N	31	11	4	3	31	11	4	95	0.0	2.8	123.2	0.0	-0.0	A N	5751
5754	6ACWC	12.3	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	2.6	123.4	0.0	-0.1	BCN	5754
5756	4/0ACSR	12.1	12.5	0.0	ABCN	5	2	0	2	121	42	6	94	0.0	2.6	123.4	0.0	-0.1	ABCN	5756
575	4/0ACSR	13.0	12.5	0.0	ABCN	79	27	4	1	79	27	4	95	0.0	2.6	123.4	0.0	-0.2	ABCN	575
5750	6ACWC	13.0	12.5	0.0	A N	38	13	5	4	38	13	5	95	0.0	2.8	123.2	0.0	-0.0	A N	5750
5753	6ACWC	12.8	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	2.6	123.4	0.0	-0.1	BCN	5753
5752	6ACWC	12.2	12.5	0.0	AB N	98	34	7	5	98	34	7	94	0.0	2.6	123.4	0.0	-0.1	AB N	5752
5732	336ACSR	12.3	12.5	0.0	ABCN	197	13	9	4	414	59	19	99	0.0	2.6	123.4	0.1	-0.1	ABCN	5732
5733	4/0ACSR	13.4	12.5	0.0	A N	48	12	7	2	48	12	7	97	0.0	2.8	123.2	0.0	-0.1	A N	5733
5734	336ACSR	14.0	12.5	0.0	ABCN	169	34	8	1	169	34	8	98	0.0	2.6	123.4	0.0	-0.3	ABCN	5734
5735	4/0ACSR	11.6	12.5	0.0	A N	110	32	16	5	110	32	16	96	0.0	2.8	123.2	0.0	-0.0	A N	5735
5691	4ACSR	10.0	12.5	0.0	A N	41	14	6	4	41	14	6	95	0.1	2.5	123.5	0.0	-0.1	A N	5691
605	6ACWC	9.2	12.5	0.0	ABCN	19	7	1	43	1286	429	61	95	0.6	2.9	123.1	6.4	2.0	ABCN	605
6053	6ACWC	11.2	12.5	0.0	ABCN	10	4	1	39	1158	384	55	95	0.9	3.8	122.2	8.6	2.6	ABCN	6053
568	6ACWC	11.7	12.5	0.0	ABCN	1	0	0	16	481	159	23	95	0.1	3.9	122.1	0.3	0.0	ABCN	568
6052	6ACWC	12.8	12.5	0.0	ABCN	95	23	4	3	95	23	4	97	0.0	3.9	122.1	0.0	-0.2	ABCN	6052
566	1/0ACSR	13.4	12.5	0.0	A N	53	18	8	24	385	135	56	94	0.5	4.5	121.5	1.2	1.2	A N	566
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 566																				
	A N :	Tap =	5	RAISE																
Regulator			13.4	12.5	0.0	A N				48	331	116	48	94	-3.8	0.7	125.2	0.0	0.0	A N	Regulator
5663	1/0ACSR	17.8	12.5	0.0	A N	45	16	6	20	331	116	47	94	1.0	1.8	124.2	2.1	1.9	A N	5663
5662	1/0ACSR	19.8	12.5	0.0	A N	21	7	3	15	247	86	35	95	0.4	2.2	123.8	0.6	0.5	A N	5662
368	1/0ACSR	27.3	12.5	0.0	A N	19	7	3	11	182	63	26	95	1.0	3.2	122.8	1.2	0.8	A N	368
354	4ACSR	30.0	12.5	0.0	A N	38	13	6	10	94	32	13	95	0.3	3.5	122.5	0.2	-0.0	A N	354
3541	4ACSR	35.5	12.5	0.0	A N	48	17	7	6	55	19	8	95	0.2	3.7	122.3	0.1	-0.2	A N	3541
3542	4ACSR	38.1	12.5	0.0	A N	7	3	1	1	7	2	1	95	0.0	3.7	122.3	0.0	-0.1	A N	3542
565	4ACSR	33.4	12.5	0.0	A N	68	24	10	7	68	23	10	95	0.3	3.5	122.5	0.2	-0.2	A N	565
569	4ACSR	24.9	12.5	0.0	A N	43	15	6	4	44	15	6	95	0.2	2.3	123.7	0.1	-0.2	A N	569
5661	6ACWC	20.3	12.5	0.0	A N	36	12	5	4	36	12	5	95	0.1	1.8	124.2	0.0	-0.1	A N	5661
604	6ACWC	11.9	12.5	0.0	ABCN	13	4	1	23	657	219	32	95	0.2	4.0	122.0	0.9	0.2	ABCN	604
6043	1/0ACSR	14.0	12.5	0.0	ABCN	78	27	4	12	586	195	28	95	0.2	4.2	121.8	0.9	0.3	ABCN	6043
6042	1/0ACSR	17.2	12.5	0.0	A N	85	21	12	5	85	21	12	97	0.1	4.5	121.5	0.1	-0.1	A N	6042
606	4ACSR	15.3	12.5	0.0	A N	19	6	3	21	205	71	30	95	0.4	4.8	121.2	0.6	0.2	A N	606
6061	4ACSR	17.1	12.5	0.0	A N	76	27	11	8	77	26	11	94	0.1	4.9	121.1	0.1	-0.1	A N	6061
6062	4ACSR	18.9	12.5	0.0	A N	70	24	10	11	110	38	16	95	0.4	5.2	120.8	0.3	-0.0	A N	6062
60621	2ACSR	22.6	12.5	0.0	A N	40	14	6	3	40	14	6	95	0.1	5.2	120.8	0.0	-0.2	A N	60621
607	4ACSR	16.3	12.5	0.0	A N	41	14	6	22	215	74	31	95	0.6	5.1	120.9	1.0	0.4	A N	607
6071	4ACSR	23.1	12.5	0.0	A N	57	20	8	6	57	20	8	95	0.3	5.3	120.7	0.1	-0.3	A N	6071
6072	4ACSR	23.1	12.5	0.0	A N	116	40	17	12	117	40	17	95	0.6	5.6	120.4	0.5	-0.0	A N	6072
6041	1/0ACSR	14.0	12.5	0.0	A N	58	20	8	4	58	20	8	95	0.0	4.2	121.8	0.0	-0.1	A N	6041
6051	6ACWC	12.3	12.5	0.0	A N	102	36	15	11	103	36	15	95	0.2	3.2	122.8	0.2	-0.1	A N	6051
561	6ACWC	3.5	12.5	0.0	A N	68	24	10	7	69	24	10	95	0.1	0.2	125.8	0.1	-0.1	A N	561

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********** Load-Flow Results For Clay City Ckt 3 **********
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Clay City Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					318	-331	20	-69			126.0			ABCN	Feeder
H 58001	336ACSR	1.3	12.5	0.0	ABCN	318	-331	20	4	318	-331	20	-69	-0.0	-0.0	126.0	0.1	-0.0	ABCN	58001
Capacitor (Wye-Gnd Connected) at Center of Section 58001																				
ABCN : Nominal = 300 kvar Actual = 331 kvar																				

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********** Load-Flow Results For Clay City Ckt 4 **********
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Clay City Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					3930	997	179	97			126.0			ABCN	Feeder
	580	336ACSR	2.8	12.5	0.0	ABCN	-0	0	0	34	3930	997	179	97	0.7	0.7	125.3	15.8	32.5	ABCN	580
	5801	336ACSR	5.4	12.5	0.0	ABCN	6	2	0	32	3729	906	170	97	0.6	1.3	124.7	13.0	26.7	ABCN	5801
	528	336ACSR	6.8	12.5	0.0	ABCN	11	4	1	4	471	151	22	95	0.0	1.4	124.6	0.1	-0.1	ABCN	528
	525	6ACWC	9.5	12.5	0.0	A N	26	8	4	36	362	116	51	95	1.2	2.6	123.4	3.2	1.8	A N	525
	5251	6ACWC	10.5	12.5	0.0	A N	72	23	10	7	72	23	10	95	0.0	2.7	123.3	0.0	-0.0	A N	5251
	5252	6ACWC	15.3	12.5	0.0	A N	144	46	21	26	261	83	37	95	1.4	4.1	121.9	2.3	1.1	A N	5252
	5253	6ACWC	20.5	12.5	0.0	A N	71	23	10	12	114	36	16	95	0.5	4.6	121.4	0.4	-0.0	A N	5253
	5254	6ACWC	25.4	12.5	0.0	A N	42	13	6	4	42	13	6	95	0.1	4.7	121.3	0.0	-0.2	A N	5254
	9525	6ACWC	10.2	12.5	0.0	A N	98	31	14	10	98	31	14	95	0.2	1.6	124.4	0.2	-0.1	A N	9525
	574	336ACSR	7.7	12.5	0.0	ABCN	31	10	1	28	3239	726	148	98	0.5	1.8	124.2	8.6	17.5	ABCN	574
	5759	4/0ACSR	7.8	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.0	ABCN	5759
	576	4/0ACSR	12.1	12.5	0.0	ABCN	49	15	2	43	3200	699	147	98	1.5	3.3	122.7	31.2	39.7	ABCN	576
	5761	4/0ACSR	14.5	12.5	0.0	ABCN	21	7	1	41	3006	607	139	98	0.8	4.1	121.9	15.4	19.6	ABCN	5761
	5763	336ACSR	16.8	12.5	0.0	ABCN	38	12	2	23	2607	502	121	98	0.4	4.4	121.6	5.7	11.6	ABCN	5763
	57631	336ACSR	16.8	12.5	0.0	ABCN	10	3	0	22	2563	478	119	98	0.0	4.4	121.6	0.1	0.2	ABCN	57631
	5764	336ACSR	17.2	12.5	0.0	ABCN	8	3	0	0	8	3	0	96	0.0	4.4	121.6	0.0	-0.1	ABCN	5764
	5765	336ACSR	18.1	12.5	0.0	ABCN	177	46	8	22	2545	472	118	98	0.2	4.6	121.4	2.9	5.8	ABCN	5765
	5766	336ACSR	19.3	12.5	0.0	ABCN	105	32	5	21	2364	420	110	98	0.2	4.8	121.2	2.5	5.0	ABCN	5766
	5767	336ACSR	21.5	12.5	0.0	ABCN	75	17	4	1	75	17	4	98	0.0	4.8	121.2	0.0	-0.4	ABCN	5767
	57661	336ACSR	19.7	12.5	0.0	ABCN	14	4	1	0	14	4	1	95	0.0	4.8	121.2	0.0	-0.1	ABCN	57661
	602	1/0ACSR	22.3	12.5	0.0	ABCN	237	54	11	44	2167	361	101	99	1.1	5.9	120.1	17.4	12.7	ABCN	602
	610	1/0ACSR	24.3	12.5	0.0	ABCN	5	2	0	39	1913	294	90	99	0.7	6.6	119.4	10.5	7.6	ABCN	610
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 610																				
	ABCN : Tap = 8 RAISE																				
C	Regulator		24.3	12.5	0.0	ABCN				89	1897	285	89	99	-6.2	0.4	125.6	-0.0	0.0	ABCN	Regulator
	6101	1/0ACSR	28.9	12.5	0.0	ABCN	103	33	5	37	1897	285	85	99	1.5	1.9	124.1	20.0	14.3	ABCN	6101
	6102	1/0ACSR	31.5	12.5	0.0	ABCN	32	10	2	35	1774	238	80	99	0.8	2.6	123.4	10.2	7.2	ABCN	6102
	635	1/0ACSR	35.4	12.5	0.0	ABCN	88	-286	14	29	1455	130	66	100	1.0	3.6	122.4	10.5	7.2	ABCN	635
	Capacitor (Wye-Gnd Connected) at Center of Section 635																				
	ABCN : Nominal = 300 kvar Actual = 315 kvar																				
	6361	1/0ACSR	36.4	12.5	0.0	ABCN	2	1	0	21	1011	297	48	96	0.2	3.8	122.2	1.5	0.9	ABCN	6361
	636	1/0ACSR	39.5	12.5	0.0	ABCN	61	19	3	21	1007	296	48	96	0.6	4.4	121.6	4.3	2.7	ABCN	636
	637	1/0ACSR	42.5	12.5	0.0	ABCN	50	16	2	13	622	182	30	96	0.4	4.8	121.2	1.6	0.6	ABCN	637
	6371	1/0ACSR	45.3	12.5	0.0	A N	118	38	17	7	118	38	17	95	0.1	5.1	120.9	0.1	-0.0	A N	6371
	6372	1/0ACSR	46.8	12.5	0.0	ABCN	160	33	8	9	452	127	22	96	0.3	5.1	120.9	1.1	0.2	ABCN	6372
	6373	1/0ACSR	51.2	12.5	0.0	ABCN	134	43	6	6	291	93	14	95	0.2	5.3	120.7	0.5	-0.3	ABCN	6373
	6401	1/0ACSR	54.8	12.5	0.0	A N	80	25	12	5	80	25	12	95	0.1	6.0	120.0	0.1	-0.1	A N	6401
	640	4ACSR	57.9	12.5	0.0	A N	76	24	11	8	77	24	11	95	0.4	6.2	119.8	0.2	-0.2	A N	640
	641	4ACSR	43.3	12.5	0.0	A N	6	2	1	33	320	90	46	96	1.7	6.2	119.8	4.1	2.0	A N	641
	6411	4ACSR	44.8	12.5	0.0	A N	1	0	0	32	311	86	45	96	0.7	6.9	119.1	1.6	0.8	A N	6411
L	6413	4ACSR	51.6	12.5	0.0	A N	84	27	12	24	226	72	33	95	1.8	8.7	117.3	2.8	1.1	A N	6413
L	6414	4ACSR	55.2	12.5	0.0	A N	113	36	17	15	139	44	21	95	0.4	9.1	116.9	0.4	0.1	A N	6414
L	64141	4ACSR	58.0	12.5	0.0	A N	0	0	0	3	25	8	4	96	0.1	9.2	116.8	0.0	-0.1	A N	64141
L	6415	4ACSR	59.2	12.5	0.0	A N	14	4	2	1	14	4	2	95	0.0	9.3	116.7	0.0	-0.1	A N	6415
L	646	4ACSR	65.2	12.5	0.0	A N	11	4	2	1	11	3	2	96	0.1	9.3	116.7	0.0	-0.3	A N	646
	6412	4ACSR	51.5	12.5	0.0	A N	82	13	12	8	82	13	12	99	0.4	7.3	118.7	0.3	-0.2	A N	6412
	634	4ACSR	41.1	12.5	0.0	A N	137	44	20	35	345	111	49	95	2.2	5.9	120.1	5.0	2.4	A N	634
	6341	4ACSR	45.1	12.5	0.0	A N	133	43	20	21	204	65	30	95	0.8	6.7	119.3	1.1	0.4	A N	6341
	6342	4ACSR	55.6	12.5	0.0	A N	69	22	10	7	69	22	10	95	0.5	7.3	118.7	0.3	-0.3	A N	6342
	633	4ACSR	37.9	12.5	0.0	A N	35	11	5	28	277	89	39	95	2.3	5.0	121.0	4.7	2.1	A N	633
	6331	4ACSR	42.1	12.5	0.0	A N	33	10	5	13	121	39	18	95	0.6	5.6	120.4	0.5	0.1	A N	6331
	6334	4ACSR	44.0	12.5	0.0	A N	25	8	4	3	25	8	4	95	0.0	5.6	120.4	0.0	-0.1	A N	6334
	6335	4ACSR	44.5	12.5	0.0	A N	63	20	9	7	63	20	9	95	0.1	5.7	120.3	0.1	-0.1	A N	6335
	6336	4ACSR	40.9	12.5	0.0	A N	53	17	8	12	116	37	17	95	0.4	5.3	120.7	0.3	0.0	A N	6336
	6332	4ACSR	42.4	12.5	0.0	A N	21	7	3	2	21	6	3	95	0.0	5.4	120.6	0.0	-0.1	A N	6332
	6333	4ACSR	43.3	12.5	0.0	A N	42	13	6	4	42	13	6	95	0.1	5.4	120.6	0.0	-0.1	A N	6333
	6788	336ACSR	23.6	12.5	0.0	ABCN	23	7	1	0	23	5	1	97	0.0	4.1	121.9	0.0	-1.8	ABCN	6788
	678	336ACSR	16.4	12.5	0.0	ABCN	-0	0	0	3	341	74	16	98	0.0	4.1	121.9	0.1	-0.2	ABCN	678
	6782	336ACSR	19.4	12.5	0.0	ABCN	21	7	1	2	213	33	10	99	0.0	4.1	121.9	0.0	-0.5	ABCN	6782
	6786	336ACSR	22.0	12.5	0.0	ABCN	110	2	5	1	119	4	5	100	0.0	4.1	121.9	0.0	-0.5	ABCN	6786

Clay City Ckt 4 [redacted]tion Load Load Into Section -- 120V Bas[redacted] Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
6787	4ACSR		23.2	12.5	0.0	AB N	9	3	1	0	9	3	1	96	0.0	4.1	121.9	0.0	-0.1	AB N	6787
6783	4ACSR		21.0	12.5	0.0	A N	9	3	1	7	73	23	10	95	0.2	4.4	121.6	0.1	-0.0	A N	6783
6784	4ACSR		23.2	12.5	0.0	A N	17	6	2	7	63	20	9	95	0.2	4.5	121.5	0.1	-0.1	A N	6784
6785	4ACSR		30.5	12.5	0.0	A N	46	15	7	5	46	14	7	95	0.2	4.8	121.2	0.1	-0.3	A N	6785
6781	4ACSR		19.4	12.5	0.0	A N	127	40	18	13	127	40	18	95	0.3	4.4	121.6	0.3	-0.0	A N	6781
5762	4/0ACSR		17.1	12.5	0.0	A N	114	36	16	5	114	36	16	95	0.1	3.5	122.5	0.1	-0.1	A N	5762
5692	6ACWC		7.4	12.5	0.0	A N	88	28	12	9	88	28	12	95	0.3	1.0	125.0	0.2	-0.1	A N	5692
572	6ACWC		7.5	12.5	0.0	A N	97	31	14	10	97	31	14	95	0.3	1.0	125.0	0.2	-0.1	A N	572

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********** Load-Flow Results For Frenchburg Ckt 1 **********
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	Frenchburg Ckt 1					Section Load				Load Into Section				-- 120V Base --			Losses		
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg Section
	Feeder			12.5	0.0	ABCN					1507	442	69	96			126.0			ABCN Feeder
	1074	1/0CU	0.6	12.5	0.0	ABCN	52	16	2	22	1507	442	69	96	0.1	0.1	125.9	1.0	1.1	ABCN 1074
	1061	6ACWC	3.2	12.5	0.0	ABCN	27	8	1	48	1454	425	67	96	1.4	1.5	124.5	15.9	5.0	ABCN 1061
	10611	336ACSR	6.2	12.5	0.0	ABCN	4	1	0	12	1411	412	66	96	0.3	1.8	124.2	2.2	4.0	ABCN 10611
	10612	6ACWC	12.3	12.5	0.0	ABCN	43	13	2	47	1404	407	65	96	3.2	5.0	121.0	35.1	11.0	ABCN 10612
	10543	6ACWC	14.0	12.5	0.0	ABCN	-0	0	0	43	1258	362	60	96	0.8	5.8	120.2	8.3	2.6	ABCN 10543
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10543																			
	ABCN : Tap = 8 RAISE																			
H	Regulator			14.0	12.5	0.0	ABCN				60	1250	359	60	96	-6.0	-0.2	126.2	0.0	0.0	ABCN Regulator
	1054	6ACWC	17.4	12.5	0.0	ABCN	57	18	3	41	1250	359	57	96	1.5	1.3	124.7	14.7	4.5	ABCN 1054
	10541	4ACSR	21.1	12.5	0.0	ABCN	54	17	3	39	1178	337	55	96	1.7	3.0	123.0	15.5	4.5	ABCN 10541
	1052	4ACSR	22.2	12.5	0.0	ABCN	27	1	1	35	1030	292	48	96	0.5	3.5	122.5	3.8	1.1	ABCN 1052
	10522	4ACSR	26.9	12.5	0.0	ABCN	15	4	1	33	978	284	46	96	1.8	5.3	120.7	14.3	3.9	ABCN 10522
	1040	6ACWC	31.5	12.5	0.0	AB N	44	14	3	32	614	187	44	96	1.7	7.1	118.9	8.0	3.4	AB N 1040
L	10375	4ACSR	39.0	12.5	0.0	AB N	69	21	5	22	413	125	30	96	1.9	8.9	117.1	6.0	1.9	AB N 10375
L	10372	4ACSR	40.3	12.5	0.0	AB N	16	5	1	13	240	72	18	96	0.2	9.1	116.9	0.4	0.0	AB N 10372
L	1037	4ACSR	42.5	12.5	0.0	AB N	24	7	2	11	206	62	15	96	0.3	9.4	116.6	0.5	-0.0	AB N 1037
L	10224	4ACSR	43.5	12.5	0.0	A N	0	0	0	19	180	55	27	96	0.3	11.1	114.9	0.4	0.2	A N 10224
L	1022	4ACSR	49.1	12.5	0.0	A N	87	27	13	19	179	55	27	96	1.1	12.2	113.8	1.4	0.5	A N 1022
L	10221	4ACSR	53.7	12.5	0.0	A N	38	12	6	10	91	28	14	96	0.5	12.7	113.3	0.3	-0.0	A N 10221
L	10222	4ACSR	58.9	12.5	0.0	A N	32	10	5	3	32	10	5	96	0.1	12.8	113.2	0.0	-0.2	A N 10222
L	10223	4ACSR	61.9	12.5	0.0	A N	21	6	3	2	21	6	3	96	0.1	12.9	113.1	0.0	-0.3	A N 10223
L	10371	4ACSR	45.4	12.5	0.0	A N	17	5	3	2	17	5	3	96	0.1	10.5	115.5	0.0	-0.2	A N 10371
L	10373	4ACSR	45.4	12.5	0.0	A N	64	20	10	7	64	20	10	96	0.3	10.5	115.5	0.2	-0.2	A N 10373
L	10374	4ACSR	44.3	12.5	0.0	A N	33	10	5	4	33	10	5	96	0.1	10.3	115.7	0.0	-0.2	A N 10374
L	712	4ACSR	37.1	12.5	0.0	A N	93	29	14	15	147	45	22	96	0.8	8.6	117.4	0.8	0.2	A N 712
L	71200	4ACSR	44.7	12.5	0.0	A N	18	6	3	6	53	16	8	96	0.5	9.1	116.9	0.2	-0.2	A N 71200
L	71201	4ACSR	52.4	12.5	0.0	A N	35	11	5	4	35	10	5	96	0.2	9.3	116.7	0.1	-0.3	A N 71201
	1041	6ACWC	33.5	12.5	0.0	ABCN	104	32	5	11	335	88	16	97	0.7	6.0	120.0	2.0	-0.3	ABCN 1041
	10413	6ACWC	35.9	12.5	0.0	ABCN	42	9	2	6	177	41	8	97	0.1	6.2	119.8	0.2	-0.3	ABCN 10413
	1035	4ACSR	41.7	12.5	0.0	ABCN	66	20	3	4	110	25	5	98	0.2	6.4	119.6	0.2	-0.8	ABCN 1035
	10351	4ACSR	52.4	12.5	0.0	ABCN	44	7	2	1	44	5	2	99	0.1	6.5	119.5	0.1	-1.7	ABCN 10351
	1036	6ACWC	39.6	12.5	0.0	A N	16	5	2	3	24	7	4	96	0.1	7.0	119.0	0.0	-0.2	A N 1036
	10361	6ACWC	43.0	12.5	0.0	A N	8	3	1	1	8	2	1	96	0.0	7.1	118.9	0.0	-0.2	A N 10361
	10411	6ACWC	38.3	12.5	0.0	A N	24	7	4	5	51	15	7	96	0.2	7.0	119.0	0.1	-0.2	A N 10411
	10412	6ACWC	45.7	12.5	0.0	A N	26	8	4	3	26	8	4	96	0.1	7.1	118.9	0.0	-0.3	A N 10412
	10521	6ACWC	26.5	12.5	0.0	A N	21	6	3	2	21	6	3	96	0.1	3.9	122.1	0.0	-0.2	A N 10521
	1053	6ACWC	24.6	12.5	0.0	A N	6	2	1	8	78	23	11	96	0.3	3.7	122.3	0.2	-0.1	A N 1053
	10531	6ACWC	28.6	12.5	0.0	A N	14	4	2	1	14	4	2	96	0.0	3.8	122.2	0.0	-0.2	A N 10531
	10532	6ACWC	34.2	12.5	0.0	A N	0	0	0	0	0	-0	0	-77	0.0	3.8	122.2	0.0	-0.3	A N 10532
	10533	6ACWC	29.8	12.5	0.0	A N	13	4	2	6	58	17	8	96	0.3	4.1	121.9	0.1	-0.2	A N 10533
	10534	6ACWC	35.0	12.5	0.0	A N	44	14	6	5	45	13	6	96	0.2	4.2	121.8	0.1	-0.2	A N 10534
	1060	4ACSR	19.2	12.5	0.0	A N	68	21	10	7	68	21	10	96	0.3	5.5	120.5	0.2	-0.2	A N 1060

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********** Load-Flow Results For Frenchburg Ckt 2 **********
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Frenchburg Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					799	179	36	98			126.0			ABCN	Feeder
1078	397ACSR	3.9	12.5	0.0	ABCN	77	13	3	6	799	179	36	98	0.2	0.2	125.8	0.7	0.8	ABCN	1078
10781	397ACSR	5.9	12.5	0.0	ABCN	55	17	3	6	721	166	33	97	0.1	0.2	125.8	0.3	0.3	ABCN	10781
10782	397ACSR	9.2	12.5	0.0	ABCN	55	10	2	0	55	9	2	99	0.0	0.2	125.8	0.0	-0.7	ABCN	10782
10783	397ACSR	9.7	12.5	0.0	ABCN	25	8	1	5	609	139	28	97	0.1	0.4	125.6	0.4	0.2	ABCN	10783
1072	1/0ACSR	17.2	12.5	0.0	ABCN	63	14	3	12	584	131	26	98	0.8	1.1	124.9	3.1	0.9	ABCN	1072
11101	2ACSR	18.0	12.5	0.0	ABCN	124	38	6	13	518	116	24	98	0.1	1.2	124.8	0.4	0.1	ABCN	11101
11102	2ACSR	25.0	12.5	0.0	A N	46	14	6	4	46	14	6	96	0.2	1.6	124.4	0.1	-0.3	A N	11102
1110	2ACSR	20.7	12.5	0.0	ABCN	40	12	2	9	348	64	16	98	0.2	1.5	124.5	0.6	-0.2	ABCN	1110
1111	4ACSR	23.0	12.5	0.0	ABCN	212	23	10	7	212	23	10	99	0.1	1.5	124.5	0.5	-0.1	ABCN	1111
111101	2ACSR	27.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.0	124.0	0.0	-0.2	A N	111101
11121	4ACSR	21.8	12.5	0.0	A N	1	0	0	9	95	29	13	96	0.1	1.8	124.2	0.1	-0.0	A N	11121
1112	4ACSR	29.1	12.5	0.0	A N	93	28	13	9	93	28	13	96	0.5	2.3	123.7	0.3	-0.2	A N	1112

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********** Load-Flow Results For Frenchburg Ckt 3 **********
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Frenchburg Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2041	-170	90	-100			126.0			ABCN	Feeder
	1073	1/0CU	3.4	12.5	0.0	ABCN	44	14	2	29	2041	-170	90	-100	0.5	0.5	125.5	9.2	10.6	ABCN	1073
	10731	1/0CU	8.2	12.5	0.0	A N	26	8	4	1	26	8	4	96	0.0	0.6	125.4	0.0	-0.3	A N	10731
	10732	1/0CU	7.8	12.5	0.0	ABCN	201	-282	15	28	1961	-202	87	-99	0.7	1.2	124.8	10.6	12.1	ABCN	10732
	Capacitor (Wye-Gnd Connected) at Center of Section 10732																				
	ABCN : Nominal = 300 kvar Actual = 326 kvar																				
	1071	2ACSR	10.7	12.5	0.0	ABCN	276	42	13	43	1749	66	78	100	1.2	2.3	123.7	15.4	7.4	ABCN	1071
	10711	2ACSR	11.5	12.5	0.0	ABCN	64	-0	3	36	1458	17	65	100	0.3	2.6	123.4	3.1	1.4	ABCN	10711
	1067	2ACSR	15.2	12.5	0.0	ABCN	304	-122	15	34	1347	2	61	100	1.1	3.7	122.3	11.1	5.3	ABCN	1067
	Capacitor (Wye-Gnd Connected) at Center of Section 1067																				
	ABCN : Nominal = 150 kvar Actual = 157 kvar																				
	10661	2ACSR	17.9	12.5	0.0	ABCN	33	10	2	5	180	54	9	96	0.1	3.8	122.2	0.2	-0.4	ABCN	10661
	10662	2ACSR	23.1	12.5	0.0	A N	54	17	8	4	54	17	8	96	0.1	4.8	121.2	0.1	-0.2	A N	10662
	10663	2ACSR	22.2	12.5	0.0	ABCN	31	10	1	2	92	26	4	96	0.1	3.9	122.1	0.1	-0.7	ABCN	10663
	1066	2ACSR	24.2	12.5	0.0	ABCN	24	7	1	2	61	17	3	96	0.0	3.9	122.1	0.0	-0.3	ABCN	1066
	10669	2ACSR	27.2	12.5	0.0	ABCN	8	3	0	1	37	10	2	97	0.0	3.9	122.1	0.0	-0.5	ABCN	10669
	733	2ACSR	31.1	12.5	0.0	ABCN	12	4	1	1	29	8	1	97	0.0	4.0	122.0	0.0	-0.7	ABCN	733
	73300	2ACSR	37.0	12.5	0.0	ABCN	17	5	1	0	17	4	1	97	0.0	4.0	122.0	0.0	-1.0	ABCN	73300
	1113	6ACWC	22.0	12.5	0.0	ABCN	696	10	33	28	847	62	39	100	1.2	4.9	121.1	18.3	9.2	ABCN	1113
L	748	4ACSR	29.1	12.5	0.0	A N	28	9	4	14	131	40	19	96	1.2	8.8	117.2	1.1	0.3	A N	748
L	74800	4ACSR	41.3	12.5	0.0	A N	26	8	4	3	27	8	4	96	0.2	9.0	117.0	0.1	-0.5	A N	74800
L	74801	4ACSR	32.7	12.5	0.0	A N	7	2	1	8	75	23	11	96	0.4	9.2	116.8	0.2	-0.0	A N	74801
L	749	6ACWC	39.4	12.5	0.0	A N	3	1	0	7	68	21	10	96	0.6	9.8	116.2	0.3	-0.1	A N	749
L	74900	6ACWC	46.5	12.5	0.0	A N	47	15	7	5	47	14	7	96	0.2	10.0	116.0	0.1	-0.3	A N	74900
L	74901	6ACWC	44.8	12.5	0.0	A N	18	6	3	2	18	6	3	96	0.1	9.9	116.1	0.0	-0.2	A N	74901
	1070	4ACSR	17.7	12.5	0.0	A N	42	13	6	4	42	13	6	96	0.2	3.2	122.8	0.1	-0.3	A N	1070

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********** Load-Flow Results For Frenchburg Ckt 4 **********
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Frenchburg Ckt 4						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			24.9	0.0	ABCN					2052	469	46	97			126.0			ABCN Feeder
1080	336ACSR	0.8	24.9	0.0	ABCN	0	-0	0	9	2052	469	46	97	0.0	0.0	126.0	0.3	-0.1	ABCN 1080
1075	336ACSR	6.3	24.9	0.0	ABCN	19	6	0	9	2052	469	46	97	0.2	0.2	125.8	2.1	-0.4	ABCN 1075
10751	4ACSR	11.6	24.9	0.0	A N	9	3	1	0	9	2	1	98	0.0	0.2	125.8	0.0	-1.1	A N 10751
10752	336ACSR	7.6	24.9	0.0	ABCN	8	3	0	9	2022	461	46	98	0.0	0.2	125.8	0.5	-0.1	ABCN 10752
10753	4ACSR	9.8	24.9	0.0	A N	12	4	1	1	12	4	1	96	0.0	0.3	125.7	0.0	-0.5	A N 10753
10754	336ACSR	11.3	24.9	0.0	ABCN	23	8	1	9	2002	454	45	98	0.1	0.4	125.6	1.3	-0.4	ABCN 10754
1077	1/0ACSR	16.6	24.9	0.0	ABCN	14	5	0	19	1940	437	44	98	0.5	0.8	125.2	6.5	0.9	ABCN 1077
10771	1/0ACSR	19.1	24.9	0.0	ABCN	8	3	0	19	1919	431	44	98	0.2	1.1	124.9	3.1	0.4	ABCN 10771
10772	1/0ACSR	22.4	24.9	0.0	ABCN	1	0	0	19	1908	428	44	98	0.3	1.3	124.7	3.9	0.5	ABCN 10772
1063	2ACSR	29.2	24.9	0.0	ABCN	6	2	0	23	1836	407	42	98	0.8	2.2	123.8	11.5	0.9	ABCN 1063
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1063																			
	ABCN : Tap = 2 RAISE																		
Regulator			29.2	24.9	0.0	ABCN				42	1819	404	42	98	-1.5	0.6	125.2	0.0	-0.0	ABCN Regulator
10632	2ACSR	32.5	24.9	0.0	ABCN	0	-0	0	23	1791	395	41	98	0.4	1.0	125.0	5.2	0.2	ABCN 10632
10641	4ACSR	35.0	24.9	0.0	A N	18	6	1	8	154	47	11	96	0.1	1.2	124.8	0.1	-0.4	A N 10641
1064	4ACSR	39.1	24.9	0.0	A N	1	0	0	7	136	42	10	96	0.2	1.3	124.7	0.2	-0.7	A N 1064
1055	4ACSR	44.3	24.9	0.0	A N	51	18	4	7	135	42	9	96	0.2	1.5	124.5	0.2	-1.0	A N 1055
10551	4ACSR	46.3	24.9	0.0	A N	10	4	1	1	10	3	1	96	0.0	1.5	124.5	0.0	-0.4	A N 10551
10552	4ACSR	46.7	24.9	0.0	A N	16	6	1	4	74	22	5	96	0.1	1.6	124.4	0.0	-0.5	A N 10552
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 10552																			
Transformer			46.7	12.4	0.0	A N				18	58	17	4	96	0.0	1.6	124.4	0.0	0.0	A N Transformer
1056	4ACSR	55.2	12.4	0.0	A N	8	3	1	6	58	17	8	96	0.6	2.2	123.8	0.3	-0.3	A N 1056
1050	4ACSR	60.7	12.4	0.0	A N	2	1	0	2	15	4	2	97	0.1	2.3	123.7	0.0	-0.3	A N 1050
10501	4ACSR	67.4	12.4	0.0	A N	14	5	2	1	14	4	2	95	0.1	2.4	123.6	0.0	-0.3	A N 10501
10502	4ACSR	63.9	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.3	123.7	0.0	-0.2	A N 10502
105021	4ACSR	66.7	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.3	123.7	0.0	-0.1	A N 105021
10503	4ACSR	73.4	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.3	123.7	0.0	-0.3	A N 10503
10504	4ACSR	81.8	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.3	123.7	0.0	-0.4	A N 10504
1051	4ACSR	60.4	12.4	0.0	A N	5	2	1	3	34	11	5	95	0.2	2.4	123.6	0.1	-0.2	A N 1051
10511	4ACSR	64.6	12.4	0.0	A N	7	2	1	1	7	2	1	95	0.0	2.5	123.5	0.0	-0.2	A N 10511
10512	4ACSR	64.0	12.4	0.0	A N	21	7	3	2	21	7	3	95	0.1	2.5	123.5	0.0	-0.2	A N 10512
1065	1/0ACSR	33.6	24.9	0.0	ABCN	6	2	0	16	1631	348	37	98	0.1	1.1	124.9	1.0	-0.1	ABCN 1065
10651	2ACSR	37.4	24.9	0.0	A N	5	2	0	0	5	1	0	98	0.0	1.1	124.9	0.0	-0.8	A N 10651
10652	1/0ACSR	41.3	24.9	0.0	ABCN	27	3	1	16	1620	345	37	98	0.6	1.7	124.3	6.6	-0.8	ABCN 10652
10653	4/0ACSR	42.9	24.9	0.0	ABCN	0	-0	0	11	1586	343	36	98	0.1	1.7	124.3	0.7	-0.4	ABCN 10653
1133	2ACSR	45.5	24.9	0.0	ABCN	18	6	0	20	1586	343	36	98	0.3	2.0	124.0	3.2	-0.2	ABCN 1133
11331	2ACSR	47.0	24.9	0.0	ABCN	43	15	1	20	1564	337	36	98	0.2	2.2	123.8	1.8	-0.2	ABCN 11331
11332	4ACSR	53.5	24.9	0.0	A N	14	5	1	1	14	4	1	97	0.0	2.2	123.8	0.0	-1.3	A N 11332
11333	2ACSR	48.9	24.9	0.0	ABCN	3	-158	4	19	1506	319	35	98	0.2	2.3	123.7	2.2	-0.2	ABCN 11333
Capacitor (Wye-Gnd Connected) at Center of Section 11333																			
	ABCN : Nominal = 150 kvar Actual = 160 kvar																		
11341	2ACSR	49.9	24.9	0.0	ABCN	13	4	0	12	919	289	22	95	0.1	2.4	123.6	0.4	-0.5	ABCN 11341
11343	2ACSR	50.4	24.9	0.0	ABCN	8	3	0	11	877	276	21	95	0.0	2.4	123.6	0.2	-0.2	ABCN 11343
11345	2ACSR	51.7	24.9	0.0	ABCN	0	0	0	10	735	228	17	96	0.1	2.5	123.5	0.4	-0.8	ABCN 11345
11347	2ACSR	54.3	24.9	0.0	ABCN	60	15	1	9	692	215	16	96	0.1	2.6	123.4	0.6	-1.5	ABCN 11347
11349	2ACSR	55.8	24.9	0.0	ABCN	28	3	1	7	552	176	13	95	0.1	2.7	123.3	0.2	-1.0	ABCN 11349
1058	2ACSR	56.6	24.9	0.0	ABCN	2	1	0	7	524	174	12	95	0.0	2.7	123.3	0.1	-0.5	ABCN 1058
10581	4ACSR	59.5	24.9	0.0	A N	49	17	4	3	49	16	4	95	0.0	2.8	123.2	0.0	-0.6	A N 10581
10582	2ACSR	57.1	24.9	0.0	ABCN	48	17	1	6	473	157	11	95	0.0	2.7	123.3	0.1	-0.3	ABCN 10582
1057	4ACSR	62.3	24.9	0.0	A N	28	10	2	16	319	106	23	95	0.6	3.3	122.7	1.3	-0.3	A N 1057
10572	4ACSR	62.7	24.9	0.0	A N	4	1	0	12	225	75	16	95	0.0	3.4	122.6	0.1	-0.1	A N 10572
10573	4ACSR	66.2	24.9	0.0	A N	104	36	7	5	104	35	7	95	0.1	3.4	122.6	0.1	-0.7	A N 10573
10574	4ACSR	67.5	24.9	0.0	A N	86	30	6	4	87	29	6	95	0.1	3.5	122.5	0.0	-0.9	A N 10574
10575	4ACSR	64.9	24.9	0.0	A N	30	10	2	2	30	10	2	95	0.0	3.4	122.6	0.0	-0.4	A N 10575
10571	4ACSR	65.4	24.9	0.0	A N	65	22	5	3	65	22	5	95	0.0	3.4	122.6	0.0	-0.6	A N 10571
1136	4ACSR	61.4	24.9	0.0	A N	65	22	5	5	105	34	7	95	0.1	2.9	123.1	0.1	-0.8	A N 1136
11361	4ACSR	65.6	24.9	0.0	A N	40	14	3	2	40	13	3	95	0.0	2.9	123.1	0.0	-0.8	A N 11361
11348	4ACSR	60.6	24.9	0.0	A N	78	27	6	4	78	26	6	95	0.1	2.8	123.2	0.1	-1.2	A N 11348
11346	4ACSR	54.5	24.9	0.0	A N	43	15	3	2	43	14	3	95	0.0	2.6	123.4	0.0	-0.5	A N 11346
11344	4ACSR	54.5	24.9	0.0	A N	133	46	10	7	133	45	10	95	0.1	2.6	123.4	0.1	-0.8	A N 11344

Frenchburg Ckt 4 [redacted]ction Load Load Into Section -- 120V Bas[redacted] Losses

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
	11342	4ACSR	52.8	24.9	0.0	A N	29	10	2	1	29	9	2	95	0.0	2.5	123.5	0.0	-0.6	A N	11342
	1135	4ACSR	53.1	24.9	0.0	A N	51	17	4	29	581	188	41	95	0.8	3.2	122.8	3.5	1.0	A N	1135
	Regulator	1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1135																			
		A N : Tap = 5 RAISE																			
H	Regulator		53.1	24.9	0.0	A N				38	527	170	38	95	-3.8	-0.6	126.4	0.0	0.0	A N	Regulator
H	11357	4ACSR	54.3	24.9	0.0	A N	7	3	1	25	497	160	34	95	0.2	-0.4	126.4	0.7	0.1	A N	11357
H	11358	4ACSR	55.0	24.9	0.0	A N	7	2	0	18	370	118	26	95	0.1	-0.3	126.3	0.2	-0.0	A N	11358
	11354	4ACSR	58.7	24.9	0.0	A N	45	16	3	15	312	99	22	95	0.4	0.0	126.0	0.8	-0.3	A N	11354
	11356	4ACSR	64.0	24.9	0.0	A N	42	14	3	10	211	66	15	95	0.3	0.4	125.6	0.5	-0.8	A N	11356
	1140	4ACSR	65.8	24.9	0.0	A N	42	15	3	5	102	33	7	95	0.0	0.4	125.6	0.0	-0.3	A N	1140
	11402	4ACSR	68.8	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.4	125.6	0.0	-0.6	A N	11402
	11401	4ACSR	70.8	24.9	0.0	A N	59	20	4	3	59	19	4	95	0.1	0.5	125.5	0.0	-1.0	A N	11401
	1137	4ACSR	67.5	24.9	0.0	A N	25	9	2	3	67	19	5	96	0.1	0.4	125.6	0.0	-0.7	A N	1137
	11371	4ACSR	73.4	24.9	0.0	A N	17	6	1	1	17	5	1	96	0.0	0.5	125.5	0.0	-1.2	A N	11371
	11372	4ACSR	70.0	24.9	0.0	A N	18	6	1	1	25	7	2	96	0.0	0.5	125.5	0.0	-0.5	A N	11372
	11373	4ACSR	73.1	24.9	0.0	A N	3	1	0	0	3	0	0	99	0.0	0.5	125.5	0.0	-0.6	A N	11373
	11374	4ACSR	72.9	24.9	0.0	A N	4	2	0	0	4	1	0	98	0.0	0.5	125.5	0.0	-0.6	A N	11374
	11355	4ACSR	62.6	24.9	0.0	A N	55	19	4	3	55	18	4	95	0.0	0.1	125.9	0.0	-0.8	A N	11355
H	11353	4ACSR	62.1	24.9	0.0	A N	51	17	4	3	51	16	4	95	0.1	-0.3	126.3	0.0	-1.4	A N	11353
H	11352	4ACSR	60.0	24.9	0.0	A N	119	41	8	6	119	40	8	95	0.1	-0.3	126.3	0.1	-1.1	A N	11352
H	11351	4ACSR	56.0	24.9	0.0	A N	30	10	2	1	30	10	2	95	0.0	-0.6	126.6	0.0	-0.6	A N	11351
	10631	2ACSR	34.0	24.9	0.0	A N	28	10	2	1	28	9	2	96	0.0	0.7	125.3	0.0	-1.0	A N	10631
	1062	4ACSR	28.8	24.9	0.0	A N	37	13	3	3	67	20	5	96	0.1	1.5	124.5	0.0	-1.2	A N	1062
	10621	4ACSR	36.3	24.9	0.0	A N	30	10	2	2	30	9	2	96	0.0	1.5	124.5	0.0	-1.5	A N	10621
	1076	4ACSR	13.7	24.9	0.0	A N	6	2	0	2	38	10	3	97	0.0	0.4	125.6	0.0	-0.5	A N	1076
	10761	6ACWC	19.4	24.9	0.0	A N	24	8	2	1	24	7	2	96	0.0	0.4	125.6	0.0	-1.1	A N	10761
	10762	4ACSR	19.6	24.9	0.0	A N	7	2	0	0	7	1	0	98	0.0	0.4	125.6	0.0	-1.2	A N	10762

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********** Load-Flow Results For Hope Ckt 1 **********
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Hope Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2652	-376	118	-99			126.0			ABCN	Feeder
	710	1/0CU	6.1	12.5	0.0	ABCN	81	10	4	38	2652	-376	118	-99	1.1	1.1	124.9	28.7	33.7	ABCN	710
	7101	1/0CU	11.8	12.5	0.0	ABCN	33	4	1	37	2543	-420	115	-99	1.0	2.1	123.9	25.2	29.5	ABCN	7101
	7102	1/0CU	15.1	12.5	0.0	ABCN	15	2	1	37	2484	-453	113	-98	0.6	2.6	123.4	14.8	17.3	ABCN	7102
	675	1/0CU	17.1	12.5	0.0	ABCN	3	0	0	31	2039	-529	95	-97	0.2	2.8	123.2	6.0	6.9	ABCN	675
	6751	1/0CU	17.4	12.5	0.0	ABCN	-0	0	0	29	1943	-547	91	-96	0.0	2.9	123.1	1.0	1.1	ABCN	6751
	677	1/0CU	19.1	12.5	0.0	ABCN	14	2	1	29	1884	-554	89	-96	0.2	3.1	122.9	4.5	5.2	ABCN	677
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 677																				
		ABCN : Tap = 3 RAISE																			
C	Regulator		19.1	12.5	0.0	ABCN				88	1865	-561	88	-96	-2.3	0.7	125.2	0.0	-0.0	ABCN	Regulator
	6771	1/0CU	23.5	12.5	0.0	ABCN	23	-323	14	28	1865	-561	86	-96	0.5	1.3	124.7	10.8	12.3	ABCN	6771
	Capacitor (Wye-Gnd Connected) at Center of Section 6771																				
		ABCN : Nominal = 300 kvar Actual = 326 kvar																			
C	700	6ACWC	25.6	12.5	0.0	A N	15	2	2	84	872	139	118	99	2.1	3.5	122.5	13.8	8.2	A N	700
C	7006	6ACWC	28.4	12.5	0.0	A N	7	1	1	83	843	129	116	99	2.9	6.4	119.6	18.6	11.0	A N	7006
	7001	4ACSR	32.6	12.5	0.0	A N	30	4	4	3	30	4	4	99	0.1	6.5	119.5	0.0	-0.2	A N	7001
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7002																				
		A N : Tap = 8 RAISE																			
C	Regulator		28.4	12.5	0.0	A N				111	787	114	111	99	-6.0	0.4	125.6	0.0	0.0	A N	Regulator
C	7002	6ACWC	33.8	12.5	0.0	A N	44	6	6	75	787	114	106	99	4.8	5.2	120.8	27.4	16.2	A N	7002
	662	6ACWC	36.5	12.5	0.0	A N	121	15	17	48	484	63	67	99	1.4	6.6	119.4	4.7	2.7	A N	662
	660	4ACSR	38.0	12.5	0.0	A N	32	4	5	31	311	39	44	99	0.6	7.2	118.8	1.3	0.6	A N	660
	6601	4ACSR	41.1	12.5	0.0	A N	53	7	8	5	53	7	8	99	0.1	7.3	118.7	0.0	-0.1	A N	6601
L	6602	4ACSR	42.4	12.5	0.0	A N	12	2	2	23	223	28	32	99	1.3	8.4	117.6	2.2	1.0	A N	6602
L	657	6ACWC	49.3	12.5	0.0	A N	98	12	14	21	209	26	30	99	1.4	9.8	116.2	1.9	0.8	A N	657
L	656	4ACSR	50.8	12.5	0.0	A N	41	5	6	10	98	11	14	99	0.2	9.9	116.1	0.1	-0.0	A N	656
L	6561	4ACSR	57.2	12.5	0.0	A N	31	4	5	3	31	4	5	99	0.1	10.1	115.9	0.0	-0.3	A N	6561
L	6562	4ACSR	56.5	12.5	0.0	A N	17	2	2	3	25	3	4	99	0.1	10.1	115.9	0.0	-0.2	A N	6562
L	6563	4ACSR	65.2	12.5	0.0	A N	8	1	1	1	8	1	1	100	0.0	10.1	115.9	0.0	-0.4	A N	6563
L	655	4ACSR	57.3	12.5	0.0	A N	11	1	2	1	11	1	2	100	0.1	9.9	116.1	0.0	-0.3	A N	655
	661	4ACSR	42.8	12.5	0.0	A N	48	6	7	5	48	6	7	99	0.2	6.8	119.2	0.1	-0.2	A N	661
	664	4ACSR	39.0	12.5	0.0	A N	171	22	24	17	172	22	24	99	0.6	5.8	120.2	0.8	0.2	A N	664
	665	4ACSR	39.2	12.5	0.0	A N	41	5	6	6	60	7	8	99	0.3	5.5	120.5	0.1	-0.2	A N	665
	6651	4ACSR	45.3	12.5	0.0	A N	19	2	3	2	19	2	3	99	0.1	5.5	120.5	0.0	-0.3	A N	6651
	701	1/0CU	27.5	12.5	0.0	ABCN	30	4	1	15	958	-391	46	-93	0.2	1.4	124.6	2.9	2.7	ABCN	701
	7016	4ACSR	34.1	12.5	0.0	A N	53	7	7	5	53	6	7	99	0.2	1.8	124.2	0.1	-0.3	A N	7016
	7011	1/0CU	32.0	12.5	0.0	ABCN	23	3	1	14	872	-405	43	-91	0.1	1.6	124.4	2.8	2.6	ABCN	7011
	7012	4ACSR	37.5	12.5	0.0	A N	45	6	6	4	45	5	6	99	0.2	1.9	124.1	0.1	-0.2	A N	7012
	7013	1/0CU	35.7	12.5	0.0	ABCN	33	-318	14	13	802	-415	40	-89	0.1	1.7	124.3	1.8	1.5	ABCN	7013
	Capacitor (Wye-Gnd Connected) at Center of Section 7013																				
		ABCN : Nominal = 300 kvar Actual = 322 kvar																			
	7014	1/0ACSR	38.1	12.5	0.0	ABCN	156	3	7	3	156	3	7	100	0.0	1.7	124.3	0.1	-0.3	ABCN	7014
	7015	1/0CU	40.2	12.5	0.0	ABCN	10	1	0	9	610	-102	28	-99	0.2	1.9	124.1	1.2	0.6	ABCN	7015
	702	4ACSR	46.0	12.5	0.0	AB N	76	10	5	8	163	19	11	99	0.4	2.3	123.7	0.6	-0.4	AB N	702
	7021	4ACSR	50.2	12.5	0.0	AB N	43	5	3	4	86	10	6	99	0.2	2.4	123.6	0.1	-0.4	AB N	7021
	10376	4ACSR	50.6	12.5	0.0	AB N	4	0	0	0	4	0	0	99	0.0	2.4	123.6	0.0	-0.0	AB N	10376
	7022	4ACSR	58.6	12.5	0.0	A N	39	5	5	4	39	4	5	99	0.2	3.2	122.8	0.1	-0.4	A N	7022
	667	4ACSR	44.4	12.5	0.0	ABCN	228	-150	12	14	436	-124	20	-96	0.5	2.4	123.6	2.3	0.2	ABCN	667
	Capacitor (Wye-Gnd Connected) at Center of Section 667																				
		ABCN : Nominal = 150 kvar Actual = 160 kvar																			
	666	4ACSR	46.3	12.5	0.0	AB N	62	8	4	6	121	15	8	99	0.1	2.5	123.5	0.1	-0.2	AB N	666
	6661	4ACSR	51.4	12.5	0.0	A N	59	7	8	6	59	7	8	99	0.2	3.3	122.7	0.1	-0.2	A N	6661
	6671	4ACSR	48.5	12.5	0.0	A N	62	8	8	6	62	8	8	99	0.2	3.1	122.9	0.1	-0.2	A N	6671
	6672	4ACSR	45.4	12.5	0.0	A N	22	3	3	2	22	3	3	99	0.0	3.0	123.0	0.0	-0.0	A N	6672
	711	6ACWC	23.0	12.5	0.0	A N	36	5	5	6	58	7	8	99	0.3	3.3	122.7	0.1	-0.2	A N	711
	7111	6ACWC	28.8	12.5	0.0	A N	16	2	2	2	22	2	3	99	0.1	3.3	122.7	0.0	-0.3	A N	7111
	7112	6ACWC	32.9	12.5	0.0	A N	6	1	1	1	6	1	1	100	0.0	3.4	122.6	0.0	-0.2	A N	7112
	676	4ACSR	20.2	12.5	0.0	A N	32	4	4	8	87	11	12	99	0.3	3.2	122.8	0.2	-0.1	A N	676
	6761	4ACSR	21.9	12.5	0.0	A N	22	3	3	2	22	3	3	99	0.0	3.3	122.7	0.0	-0.1	A N	6761
	6762	4ACSR	23.9	12.5	0.0	A N	33	4	5	3	33	4	5	99	0.1	3.3	122.7	0.0	-0.2	A N	6762
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 674																				

Hope Ckt 1 [redacted]tion Load Load Into Section -- 120V Bas[redacted] Losses

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
A N : Tap = 3 RAISE																				
Regulator		15.1	12.5	0.0	A N				57	415	55	57	99	-2.3	0.4	125.6	0.0	-0.0	A N	Regulator
674	4ACSR	20.6	12.5	0.0	A N	33	4	4	40	415	55	55	99	2.8	3.2	122.8	8.3	4.1	A N	674
6741	4ACSR	25.5	12.5	0.0	A N	32	4	4	3	32	4	4	99	0.1	3.3	122.7	0.0	-0.2	A N	6741
6742	4ACSR	21.8	12.5	0.0	A N	0	0	0	33	342	43	47	99	0.5	3.7	122.3	1.4	0.7	A N	6742
6743	4ACSR	27.6	12.5	0.0	A N	39	5	5	4	39	5	5	99	0.1	3.8	122.2	0.0	-0.3	A N	6743
6744	4ACSR	23.9	12.5	0.0	A N	65	8	9	30	301	38	41	99	0.7	4.4	121.6	1.5	0.7	A N	6744
668	4ACSR	27.0	12.5	0.0	A N	36	5	5	5	51	6	7	99	0.1	4.5	121.5	0.0	-0.1	A N	668
6681	4ACSR	30.9	12.5	0.0	A N	15	2	2	1	15	2	2	99	0.0	4.6	121.4	0.0	-0.2	A N	6681
673	4ACSR	27.9	12.5	0.0	A N	110	14	15	18	184	23	25	99	0.7	5.1	120.9	0.8	0.2	A N	673
6731	4ACSR	33.1	12.5	0.0	A N	72	9	10	7	73	9	10	99	0.2	5.3	120.7	0.1	-0.2	A N	6731

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********** Load-Flow Results For Hope Ckt 2 **********
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Hope Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1453	205	65	99			126.0			ABCN	Feeder
	717	1/0CU	4.9	12.5	0.0	ABCN	282	20	13	21	1453	205	65	99	0.6	0.6	125.4	6.2	6.7	ABCN	717
	7171	1/0CU	7.9	12.5	0.0	ABCN	69	9	3	17	1165	177	52	99	0.3	1.0	125.0	2.7	2.7	ABCN	7171
	718	1/0CU	12.1	12.5	0.0	ABCN	41	5	2	16	1093	165	49	99	0.5	1.4	124.6	3.4	3.3	ABCN	718
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 718																				
		ABCN : Tap = 1 RAISE																			
	Regulator		12.1	12.5	0.0	ABCN				47	1048	157	47	99	-0.8	0.7	125.3	0.0	-0.0	ABCN	Regulator
	7181	1/0CU	12.7	12.5	0.0	ABCN	13	2	1	15	1048	157	47	99	0.1	0.7	125.3	0.5	0.4	ABCN	7181
	7182	6ACWC	20.8	12.5	0.0	A N	54	7	7	5	54	7	7	99	0.3	1.2	124.8	0.1	-0.3	A N	7182
	7183	1/0CU	13.6	12.5	0.0	ABCN	17	2	1	14	981	148	44	99	0.1	0.8	125.2	0.6	0.6	ABCN	7183
	722	1/0CU	16.5	12.5	0.0	ABCN	44	6	2	4	311	40	14	99	0.1	0.9	125.1	0.2	-0.3	ABCN	722
	7221	1/0CU	21.2	12.5	0.0	ABCN	21	3	1	4	267	35	12	99	0.1	1.0	125.0	0.2	-0.6	ABCN	7221
	7282	1/0CU	24.3	12.5	0.0	ABCN	23	3	1	0	23	2	1	99	0.0	1.0	125.0	0.0	-0.6	ABCN	7282
	723	6ACWC	27.7	12.5	0.0	A N	34	4	5	21	222	30	30	99	1.6	2.9	123.1	2.4	1.1	A N	723
	7230	6ACWC	35.6	12.5	0.0	A N	54	7	7	18	185	24	25	99	1.5	4.4	121.6	1.9	0.7	A N	7230
	7231	6ACWC	41.7	12.5	0.0	A N	21	3	3	2	21	2	3	99	0.1	4.4	121.6	0.0	-0.3	A N	7231
	7232	6ACWC	45.2	12.5	0.0	A N	108	14	15	11	109	14	15	99	0.6	5.0	121.0	0.5	-0.1	A N	7232
	721	6ACWC	18.6	12.5	0.0	A N	28	4	4	63	651	103	88	99	3.7	4.8	121.2	17.8	10.4	A N	721
	7211	6ACWC	20.9	12.5	0.0	A N	25	3	4	60	605	88	84	99	1.6	6.4	119.6	7.5	4.4	A N	7211
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7211																				
		A N : Tap = 8 RAISE																			
C	Regulator		20.9	12.5	0.0	A N				81	572	81	81	99	-6.0	0.4	125.5	0.0	0.0	A N	Regulator
	7212	6ACWC	24.5	12.5	0.0	A N	22	3	3	54	561	80	75	99	2.3	2.8	123.2	9.6	5.6	A N	7212
	7213	6ACWC	28.0	12.5	0.0	A N	114	15	16	11	114	15	16	99	0.2	3.0	123.0	0.2	-0.0	A N	7213
	7214	6ACWC	24.8	12.5	0.0	A N	0	0	0	40	415	56	57	99	0.2	2.9	123.1	0.5	0.3	A N	7214
	7215	6ACWC	27.6	12.5	0.0	A N	23	3	3	2	23	3	3	99	0.0	3.0	123.0	0.0	-0.1	A N	7215
	7216	6ACWC	28.6	12.5	0.0	A N	67	9	9	38	392	53	54	99	1.6	4.6	121.4	4.5	2.5	A N	7216
	7217	6ACWC	31.0	12.5	0.0	A N	5	1	1	32	320	42	44	99	0.9	5.5	120.5	2.2	1.2	A N	7217
	7218	6ACWC	35.2	12.5	0.0	A N	104	13	15	10	104	13	15	99	0.3	5.7	120.3	0.2	-0.1	A N	7218
	7219	6ACWC	31.8	12.5	0.0	A N	0	0	0	21	209	27	29	99	0.2	5.7	120.3	0.3	0.1	A N	7219
	1746	6ACWC	36.0	12.5	0.0	A N	136	18	19	14	136	18	19	99	0.4	6.0	120.0	0.4	0.0	A N	1746
	7145	6ACWC	34.4	12.5	0.0	A N	51	7	7	7	73	9	10	99	0.1	5.8	120.2	0.1	-0.1	A N	7145
	7143	6ACWC	35.5	12.5	0.0	A N	4	1	1	0	4	0	1	99	0.0	5.8	120.2	0.0	-0.1	A N	7143
	7144	6ACWC	37.0	12.5	0.0	A N	17	2	2	2	17	2	2	99	0.0	5.8	120.2	0.0	-0.1	A N	7144
	7210	6ACWC	26.2	12.5	0.0	A N	11	1	1	1	11	1	1	99	0.0	0.5	125.5	0.0	-0.3	A N	7210

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********** Load-Flow Results For Hope Ckt 3 **********
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Hope Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2174	152	96	100			126.0			ABCN	Feeder
	707	6ACWC	4.9	12.5	0.0	ABCN	77	9	3	69	2174	152	96	100	3.6	3.6	122.4	60.1	19.8	ABCN	707
	706	6ACWC	8.6	12.5	0.0	ABCN	14	2	1	64	1980	116	90	100	2.7	6.3	119.7	42.1	13.8	ABCN	706
L	6722	4ACSR	15.3	12.5	0.0	A N	25	3	4	32	315	41	44	99	2.7	9.1	116.9	6.4	3.1	A N	6722
L	672	6ACWC	22.1	12.5	0.0	A N	71	9	10	27	266	33	38	99	1.9	11.0	115.0	3.7	1.9	A N	672
L	659	4ACSR	23.9	12.5	0.0	A N	14	2	2	20	191	23	28	99	0.5	11.5	114.5	0.7	0.3	A N	659
L	671	4ACSR	29.1	12.5	0.0	A N	18	2	3	12	119	14	17	99	0.8	12.3	113.7	0.7	0.2	A N	671
L	6712	4ACSR	33.0	12.5	0.0	A N	6	1	1	11	100	12	15	99	0.5	12.8	113.2	0.4	0.1	A N	6712
L	6713	4ACSR	37.5	12.5	0.0	A N	24	3	4	10	94	11	14	99	0.5	13.3	112.7	0.4	0.0	A N	6713
L	658	4ACSR	40.2	12.5	0.0	A N	47	6	7	7	70	8	10	99	0.2	13.5	112.5	0.1	-0.1	A N	658
L	654	4ACSR	48.1	12.5	0.0	A N	22	3	3	2	22	2	3	99	0.1	13.6	112.4	0.0	-0.3	A N	654
L	6581	4ACSR	46.9	12.5	0.0	A N	2	0	0	0	2	-0	0	-100	0.0	13.5	112.5	0.0	-0.3	A N	6581
L	670	4ACSR	29.3	12.5	0.0	A N	47	6	7	6	57	7	8	99	0.2	11.7	114.3	0.1	-0.2	A N	670
L	6701	4ACSR	36.2	12.5	0.0	A N	10	1	1	1	10	1	1	100	0.0	11.8	114.2	0.0	-0.3	A N	6701
L	6721	4ACSR	23.2	12.5	0.0	A N	18	2	3	2	18	2	3	99	0.1	9.2	116.8	0.0	-0.3	A N	6721
L	709	6ACWC	12.1	12.5	0.0	ABCN	24	3	1	53	1608	59	75	100	2.0	8.3	117.7	26.8	8.6	ABCN	709
L	7091	6ACWC	16.5	12.5	0.0	ABCN	46	6	2	53	1558	47	74	100	2.5	10.7	115.3	31.7	10.3	ABCN	7091
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7091																				
	ABCN : Tap = 14 RAISE																				
	Regulator			16.5	12.5	0.0	ABCN				71	1480	32	71	100	-10.1	0.6	125.3	-0.0	0.0	ABCN	Regulator
	705	6ACWC	19.8	12.5	0.0	ABCN	59	-154	7	47	1480	31	66	100	1.7	2.3	123.7	18.9	5.9	ABCN	705
	Capacitor (Wye-Gnd Connected) at Center of Section 705																				
	ABCN : Nominal = 150 kvar Actual = 162 kvar																				
	704	6ACWC	22.6	12.5	0.0	ABCN	13	2	1	22	682	86	31	99	0.7	3.0	123.0	3.7	0.8	ABCN	704
	7041	6ACWC	23.8	12.5	0.0	ABCN	3	0	0	8	261	30	12	99	0.1	3.1	122.9	0.2	-0.1	ABCN	7041
	4721	6ACWC	26.0	12.5	0.0	ABCN	-0	0	0	5	163	19	7	99	0.1	3.2	122.8	0.2	-0.3	ABCN	4721
	472	6ACWC	30.5	12.5	0.0	ABCN	73	9	3	5	162	19	7	99	0.2	3.4	122.6	0.3	-0.6	ABCN	472
	471	4ACSR	36.1	12.5	0.0	A N	38	5	5	9	89	10	12	99	0.5	4.5	121.5	0.3	-0.1	A N	471
	4711	4ACSR	42.3	12.5	0.0	A N	50	6	7	5	50	6	7	99	0.2	4.7	121.3	0.1	-0.3	A N	4711
	708	6ACWC	29.0	12.5	0.0	ABCN	49	6	2	3	95	11	4	99	0.1	3.2	122.8	0.1	-0.8	ABCN	708
	703	4ACSR	36.2	12.5	0.0	A N	46	6	6	5	46	5	6	99	0.2	4.0	122.0	0.1	-0.3	A N	703
	473	4ACSR	28.5	12.5	0.0	A N	71	9	10	39	403	53	55	99	2.8	6.2	119.8	8.0	3.9	A N	473
	4731	4ACSR	32.7	12.5	0.0	A N	67	8	9	32	324	41	45	99	1.6	7.8	118.2	3.8	1.8	A N	4731
	4732	4ACSR	33.3	12.5	0.0	A N	12	1	2	26	253	31	36	99	0.2	8.0	118.0	0.4	0.2	A N	4732
L	4733	4ACSR	33.8	12.5	0.0	A N	0	0	0	14	140	17	20	99	0.1	8.1	117.9	0.1	0.0	A N	4733
L	474	4ACSR	41.0	12.5	0.0	A N	64	8	9	7	64	8	9	99	0.3	8.4	117.6	0.2	-0.2	A N	474
L	475	4ACSR	41.4	12.5	0.0	A N	75	9	11	8	76	9	11	99	0.4	8.5	117.5	0.2	-0.2	A N	475
L	4734	4ACSR	36.5	12.5	0.0	A N	101	12	14	10	101	12	14	99	0.2	8.2	117.8	0.2	-0.1	A N	4734
	713	6ACWC	22.7	12.5	0.0	A N	39	5	5	70	718	92	98	99	2.4	5.1	120.9	12.8	7.6	A N	713
	715	4ACSR	28.6	12.5	0.0	A N	128	16	18	33	336	38	47	99	2.1	7.2	118.8	4.7	2.2	A N	715
L	7151	4ACSR	33.9	12.5	0.0	A N	28	3	4	20	203	20	29	100	1.3	8.5	117.5	2.0	0.8	A N	7151
L	7153	4ACSR	35.5	12.5	0.0	A N	28	3	4	7	69	8	10	99	0.1	8.6	117.4	0.1	-0.0	A N	7153
L	7154	4ACSR	39.7	12.5	0.0	A N	34	4	5	4	34	4	5	99	0.1	8.7	117.3	0.0	-0.2	A N	7154
L	7155	4ACSR	37.0	12.5	0.0	A N	7	1	1	1	7	1	1	99	0.0	8.6	117.4	0.0	-0.1	A N	7155
L	720	4ACSR	39.4	12.5	0.0	A N	103	7	15	11	104	7	15	100	0.4	8.9	117.1	0.3	-0.1	A N	720
	714	4ACSR	29.4	12.5	0.0	A N	128	16	18	33	330	42	46	99	2.3	7.4	118.6	5.1	2.4	A N	714
	7140	4ACSR	33.3	12.5	0.0	A N	67	8	10	10	102	12	14	99	0.4	7.8	118.2	0.2	-0.1	A N	7140
	7142	4ACSR	38.2	12.5	0.0	A N	34	4	5	3	34	4	5	99	0.1	7.9	118.1	0.0	-0.2	A N	7142
	7141	4ACSR	31.7	12.5	0.0	A N	94	12	13	10	95	12	13	99	0.1	7.6	118.4	0.1	-0.0	A N	7141
	716	4ACSR	8.7	12.5	0.0	A N	15	2	2	6	57	7	8	99	0.2	4.0	122.0	0.1	-0.1	A N	716
	7161	4ACSR	13.5	12.5	0.0	A N	42	5	6	4	42	5	6	99	0.1	4.1	121.9	0.0	-0.2	A N	7161

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********** Load-Flow Results For Hunt Ckt 1 **********
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Hunt Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3860	431	86	99			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	78	16	2	15	3860	431	86	99	0.3	0.3	125.7	6.3	10.3	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	11	2	0	14	3776	404	84	99	0.1	0.3	125.7	1.8	2.9	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	32	7	1	14	3741	395	83	99	0.2	0.6	125.4	5.4	8.5	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	60	13	1	14	3703	380	83	99	0.2	0.8	125.2	4.9	7.6	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	25	5	1	13	3515	336	78	100	0.1	0.9	125.1	2.0	3.0	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	41	9	3	2	41	8	3	98	0.0	0.9	125.1	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	14	3	0	13	3447	319	77	100	0.1	0.9	125.1	1.5	2.2	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	5	1	0	14	878	169	20	98	0.2	1.1	124.9	1.2	-1.0	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	38	8	1	14	872	170	20	98	0.1	1.2	124.8	0.9	-0.8	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	4	1	0	4	91	17	6	98	0.1	1.4	124.6	0.1	-0.6	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	53	11	4	3	53	10	4	98	0.0	1.4	124.6	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	35	7	2	2	35	7	2	98	0.0	1.4	124.6	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	8	2	0	12	742	145	17	98	0.1	1.4	124.6	0.7	-1.0	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	0	0	0	11	658	129	15	98	0.0	1.4	124.6	0.2	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	114	24	3	3	182	34	4	98	0.0	1.4	124.6	0.1	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	42	9	1	1	67	11	2	99	0.0	1.4	124.6	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	25	5	1	0	25	4	1	99	0.0	1.4	124.6	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	51	11	4	23	476	95	33	98	1.0	2.4	123.6	3.3	0.4	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	30	6	2	1	30	5	2	98	0.0	2.4	123.6	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	42	9	3	6	113	23	8	98	0.1	2.4	123.6	0.0	-0.3	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	71	15	5	3	71	14	5	98	0.0	2.5	123.5	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	156	33	11	14	279	56	19	98	0.4	2.8	123.2	0.7	-0.8	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	71	15	5	3	71	13	5	98	0.1	2.9	123.1	0.1	-1.5	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	51	11	4	3	51	10	4	98	0.0	2.8	123.2	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	75	16	5	4	75	16	5	98	0.0	1.4	124.6	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	7	1	0	10	2553	144	57	100	0.2	1.1	124.9	3.2	2.0	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	116	-300	7	9	2477	129	55	100	0.2	1.3	124.7	2.7	1.3	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
ABCN : Nominal = 300 kvar Actual = 325 kvar																				
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
ABCN : Tap = 1 RAISE																				
Regulator			34.8	24.9	0.0	ABCN				53	2358	428	53	98	-0.8	0.5	125.3	0.0	-0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	5	1	0	8	2034	363	46	98	0.0	0.5	125.5	0.3	-0.1	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	32	7	1	5	1248	205	28	99	0.1	0.6	125.4	0.5	-2.5	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	8	2	0	20	1215	201	27	99	0.1	0.7	125.3	1.4	-0.4	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	66	14	1	2	138	23	3	99	0.0	0.8	125.2	0.0	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	34	7	1	1	72	11	2	99	0.0	0.8	125.2	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	2	0	0	0	2	-1	0	-87	0.0	0.8	125.2	0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	36	8	2	2	36	7	2	98	0.0	0.9	125.1	0.0	-0.7	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	49	5	1	17	1068	177	24	99	0.0	0.8	125.2	0.3	-0.2	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	31	7	1	13	1019	172	23	99	0.2	0.9	125.1	1.1	-1.1	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	6	1	0	12	932	156	21	99	0.1	1.0	125.0	0.7	-0.9	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	-0	0	0	4	926	156	21	99	0.0	1.0	125.0	0.1	-0.6	ABCN	2373
2375	336ACSR	50.5	24.9	0.0	ABCN	9	2	0	4	860	143	19	99	0.0	1.1	124.9	0.3	-2.8	ABCN	2375
2376	2ACSR	52.3	24.9	0.0	ABCN	6	1	0	11	851	144	19	99	0.1	1.2	124.8	0.6	-1.0	ABCN	2376
231	2ACSR	52.6	24.9	0.0	ABCN	7	2	0	1	119	16	3	99	0.0	1.2	124.8	0.0	-0.3	ABCN	231
2311	4ACSR	60.3	24.9	0.0	A N	79	17	5	4	79	15	5	98	0.1	1.3	124.7	0.1	-1.5	A N	2311
2312	2ACSR	62.6	24.9	0.0	ABCN	33	7	1	0	33	-0	1	-100	0.0	1.2	124.8	0.0	-7.2	ABCN	2312
241	1/0ACSR	57.0	24.9	0.0	ABCN	117	25	3	7	726	127	16	98	0.1	1.3	124.7	0.7	-3.0	ABCN	241
242	4ACSR	58.6	24.9	0.0	A N	29	6	2	6	129	23	9	98	0.1	1.5	124.5	0.1	-0.3	A N	242
2421	4ACSR	61.4	24.9	0.0	A N	7	1	0	5	100	17	7	99	0.1	1.6	124.4	0.1	-0.5	A N	2421
2422	4ACSR	67.1	24.9	0.0	A N	11	2	1	1	11	1	1	99	0.0	1.6	124.4	0.0	-1.1	A N	2422
2423	4ACSR	67.9	24.9	0.0	A N	28	6	2	4	82	15	6	98	0.1	1.7	124.3	0.1	-1.3	A N	2423
2424	4ACSR	74.1	24.9	0.0	A N	54	11	4	3	54	10	4	98	0.1	1.8	124.2	0.0	-1.2	A N	2424
253	1/0ACSR	59.3	24.9	0.0	ABCN	4	1	0	5	479	83	11	99	0.0	1.4	124.6	0.2	-1.6	ABCN	253
2531	1/0ACSR	60.0	24.9	0.0	ABCN	79	4	2	1	79	4	2	100	0.0	1.4	124.6	0.0	-0.5	ABCN	2531
2532	4ACSR	61.8	24.9	0.0	A N	34	7	2	15	300	61	21	98	0.2	1.7	124.3	0.5	-0.2	A N	2532
254	4ACSR	64.6	24.9	0.0	A N	54	11	4	3	54	11	4	98	0.0	1.7	124.3	0.0	-0.5	A N	254
265	4ACSR	66.1	24.9	0.0	A N	74	16	5	10	211	43	14	98	0.3	2.0	124.0	0.3	-0.7	A N	265
2651	4ACSR	69.0	24.9	0.0	A N	105	22	7	7	137	28	9	98	0.1	2.0	124.0	0.1	-0.5	A N	2651

Hunt Ckt 1 [redacted]ction Load Load Into Section -- 120V Bas[redacted] Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
276	4ACSR		71.0	24.9	0.0	A N	32	7	2	2	32	6	2	98	0.0	2.1	123.9	0.0	-0.4	A N	276
2761	4ACSR		71.2	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.1	123.9	0.0	-0.0	A N	2761
264	4ACSR		63.9	24.9	0.0	A N	35	7	2	5	96	18	7	98	0.1	1.6	124.4	0.1	-0.9	A N	264
2641	4ACSR		68.8	24.9	0.0	A N	61	13	4	3	61	12	4	98	0.1	1.6	124.4	0.0	-1.0	A N	2641
2374	4ACSR		50.6	24.9	0.0	A N	65	14	4	3	65	13	4	98	0.0	1.1	124.9	0.0	-0.8	A N	2374
2371	4ACSR		49.2	24.9	0.0	A N	55	12	4	3	55	11	4	98	0.0	1.0	125.0	0.0	-1.0	A N	2371
263	4ACSR		42.4	24.9	0.0	A N	106	23	7	38	780	156	53	98	1.6	2.1	123.9	8.6	3.2	A N	263
2631	4ACSR		46.8	24.9	0.0	A N	63	13	4	27	548	108	38	98	0.8	2.9	123.1	3.0	0.7	A N	2631
273	4ACSR		49.3	24.9	0.0	A N	12	2	1	24	482	94	33	98	0.4	3.3	122.7	1.5	0.3	A N	273
3031	4ACSR		51.2	24.9	0.0	A N	2	0	0	17	346	70	24	98	0.2	3.5	122.5	0.6	-0.1	A N	3031
303	4ACSR		52.6	24.9	0.0	A N	26	6	2	15	294	59	20	98	0.1	3.6	122.4	0.3	-0.1	A N	303
3034	4ACSR		55.6	24.9	0.0	A N	22	5	2	10	201	41	14	98	0.2	3.8	122.2	0.3	-0.4	A N	3034
304	4ACSR		57.0	24.9	0.0	A N	41	9	3	2	41	8	3	98	0.0	3.8	122.2	0.0	-0.3	A N	304
3041	4ACSR		61.8	24.9	0.0	A N	138	29	10	7	138	28	10	98	0.1	4.0	122.0	0.2	-1.1	A N	3041
3033	4ACSR		57.4	24.9	0.0	A N	66	14	5	3	66	13	5	98	0.1	3.7	122.3	0.0	-0.9	A N	3033
3032	4ACSR		53.9	24.9	0.0	A N	50	11	3	2	50	10	3	98	0.0	3.5	122.5	0.0	-0.5	A N	3032
274	4ACSR		55.4	24.9	0.0	A N	83	18	6	6	123	22	8	98	0.2	3.4	122.6	0.1	-1.1	A N	274
2642	4ACSR		56.0	24.9	0.0	A N	0	0	0	2	40	6	3	99	0.0	3.5	122.5	0.0	-0.1	A N	2642
2643	4ACSR		59.6	24.9	0.0	A N	0	0	0	2	40	6	3	99	0.0	3.5	122.5	0.0	-0.7	A N	2643
2644	4ACSR		63.6	24.9	0.0	A N	20	4	1	1	20	4	1	99	0.0	3.5	122.5	0.0	-0.8	A N	2644
275	4ACSR		65.5	24.9	0.0	A N	19	4	1	1	19	3	1	99	0.0	3.5	122.5	0.0	-1.1	A N	275
272	4ACSR		51.8	24.9	0.0	A N	41	9	3	6	117	22	8	98	0.3	2.4	123.6	0.2	-1.7	A N	272
2721	4ACSR		55.7	24.9	0.0	A N	61	13	4	3	61	12	4	98	0.0	2.5	123.5	0.0	-0.8	A N	2721
2722	4ACSR		54.5	24.9	0.0	A N	15	3	1	1	15	3	1	99	0.0	2.4	123.6	0.0	-0.5	A N	2722
251	4ACSR		38.9	24.9	0.0	A N	73	15	5	16	324	65	22	98	0.4	0.9	125.1	0.8	-0.4	A N	251
2511	4ACSR		41.8	24.9	0.0	A N	114	24	8	12	251	50	17	98	0.2	1.1	124.9	0.3	-0.4	A N	2511
247	4ACSR		45.7	24.9	0.0	A N	53	11	4	5	110	22	7	98	0.1	1.2	124.8	0.1	-0.7	A N	247
2471	4ACSR		47.9	24.9	0.0	A N	56	12	4	3	56	11	4	98	0.0	1.2	124.8	0.0	-0.4	A N	2471
250	4ACSR		46.6	24.9	0.0	A N	27	6	2	1	27	5	2	98	0.0	1.1	124.9	0.0	-1.0	A N	250
2712	4ACSR		29.8	24.9	0.0	A N	1	0	0	3	66	11	4	99	0.0	1.2	124.8	0.0	-0.2	A N	2712
271	4ACSR		38.4	24.9	0.0	A N	42	9	3	2	42	7	3	99	0.1	1.2	124.8	0.0	-1.7	A N	271
2711	4ACSR		32.6	24.9	0.0	A N	23	5	2	1	23	4	2	98	0.0	1.2	124.8	0.0	-0.6	A N	2711
268	4ACSR		23.5	24.9	0.0	A N	34	7	2	6	123	24	8	98	0.2	1.0	125.0	0.2	-1.0	A N	268
26801	4ACSR		27.9	24.9	0.0	A N	88	19	6	4	88	18	6	98	0.1	1.0	125.0	0.0	-0.9	A N	26801
30002	4ACSR		12.7	24.9	0.0	A N	22	5	2	1	22	4	1	99	0.0	0.4	125.6	0.0	-1.0	A N	30002

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********** Load-Flow Results For Hunt Ckt 2 **********
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Hunt Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					476	86	21	98			126.0			ABCN	Feeder
332	1/0ACSR	6.3	12.5	0.0	ABCN	0	0	0	9	476	86	21	98	0.5	0.5	125.5	1.8	0.2	ABCN	332
333	1/0ACSR	10.6	12.5	0.0	ABCN	15	3	1	6	286	49	13	99	0.2	0.7	125.3	0.4	-0.5	ABCN	333
320	4ACSR	11.3	12.5	0.0	A N	16	3	2	22	225	44	31	98	0.2	1.0	125.0	0.3	0.1	A N	320
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 320																				
A N : Tap = 0 NEUTRAL																				
Regulator		11.3	12.5	0.0	A N				28	209	41	28	98	0.0	1.0	125.0	0.0	0.0	A N	Regulator
32000	4ACSR	12.1	12.5	0.0	A N	3	1	0	20	209	41	28	98	0.2	1.2	124.8	0.3	0.1	A N	32000
32001	4ACSR	16.7	12.5	0.0	A N	5	1	1	20	205	40	28	98	1.2	2.4	123.6	1.8	0.7	A N	32001
32002	4ACSR	19.9	12.5	0.0	A N	18	4	2	3	30	5	4	99	0.1	2.5	123.5	0.0	-0.2	A N	32002
32003	4ACSR	25.2	12.5	0.0	A N	7	1	1	1	12	2	2	99	0.1	2.5	123.5	0.0	-0.3	A N	32003
32004	4ACSR	32.6	12.5	0.0	A N	5	1	1	0	5	1	1	99	0.0	2.6	123.4	0.0	-0.4	A N	32004
321	4ACSR	22.6	12.5	0.0	A N	39	8	5	17	169	33	23	98	1.2	3.5	122.5	1.3	0.4	A N	321
310	4ACSR	29.6	12.5	0.0	A N	56	11	8	10	96	19	13	98	0.6	4.2	121.8	0.4	-0.1	A N	310
31000	4ACSR	35.7	12.5	0.0	A N	40	8	6	4	40	8	6	98	0.2	4.4	121.6	0.1	-0.3	A N	31000
31001	4ACSR	28.7	12.5	0.0	A N	32	6	4	3	32	6	4	98	0.1	3.7	122.3	0.0	-0.3	A N	31001
334	1/0ACSR	14.4	12.5	0.0	ABCN	14	3	1	1	45	2	2	100	0.0	0.8	125.2	0.0	-0.7	ABCN	334
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 334																				
ABCN : Tap = 0 NEUTRAL																				
Regulator		14.4	12.5	0.0	ABCN				1	31	-0	1	-100	0.0	0.8	125.2	0.0	0.0	ABCN	Regulator
33400	1/0ACSR	15.8	12.5	0.0	ABCN	-0	0	0	1	31	-0	1	-100	0.0	0.8	125.2	0.0	-0.3	ABCN	33400
33401	1/0ACSR	17.7	12.5	0.0	ABCN	0	0	0	1	31	-0	1	-100	0.0	0.8	125.2	0.0	-0.4	ABCN	33401
329	1/0ACSR	20.8	12.5	0.0	ABCN	31	1	1	1	31	0	1	100	0.0	0.8	125.2	0.0	-0.6	ABCN	329
317	4ACSR	12.2	12.5	0.0	A N	40	8	5	18	189	38	26	98	1.3	1.8	124.2	1.7	0.6	A N	317
301	4ACSR	13.6	12.5	0.0	A N	37	7	5	14	147	29	20	98	0.2	2.1	123.9	0.2	0.1	A N	301
30100	4ACSR	19.6	12.5	0.0	A N	45	9	6	11	110	22	15	98	0.7	2.8	123.2	0.5	-0.0	A N	30100
30101	4ACSR	27.7	12.5	0.0	A N	64	13	9	6	65	13	9	98	0.3	3.1	122.9	0.2	-0.3	A N	30101
316	4ACSR	16.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.2	A N	316

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********** Load-Flow Results For Hunt Ckt 3 **********
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Hunt Ckt 3						Section Load				Load Into Section			-- 120V Base --				Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			24.9	0.0	ABCN					2307	444	52	98			126.0			ABCN Feeder
72	1/0ACSR	4.4	24.9	0.0	ABCN	18	4	0	23	2307	444	52	98	0.5	0.5	125.5	7.4	2.3	ABCN 72
72721	1/0ACSR	9.1	24.9	0.0	ABCN	68	14	2	22	2281	438	51	98	0.5	0.9	125.1	7.8	2.3	ABCN 72721
344	4ACSR	17.5	24.9	0.0	A N	4	1	0	0	4	-1	0	-98	0.0	1.0	125.0	0.0	-1.7	A N 344
345	1/0ACSR	14.9	24.9	0.0	ABCN	70	15	2	22	2201	423	50	98	0.6	1.5	124.5	8.9	2.4	ABCN 345
355	1/0ACSR	19.3	24.9	0.0	ABCN	8	2	0	21	2112	406	48	98	0.4	1.9	124.1	6.4	1.6	ABCN 355
3552	1/0ACSR	20.8	24.9	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	1.9	124.1	0.0	-1.1	ABCN 3552
3551	1/0ACSR	20.7	24.9	0.0	ABCN	9	2	0	21	2098	404	48	98	0.1	2.0	124.0	2.0	0.5	ABCN 3551
361	1/0ACSR	27.9	24.9	0.0	ABCN	3	1	0	21	2086	402	48	98	0.7	2.7	123.3	10.4	2.5	ABCN 361
3611	1/0ACSR	34.3	24.9	0.0	ABCN	56	12	1	21	2073	398	48	98	0.6	3.3	122.7	9.0	2.1	ABCN 3611
374	1/0ACSR	40.5	24.9	0.0	ABCN	91	19	2	18	1789	346	41	98	0.5	3.8	122.2	6.4	0.4	ABCN 374
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 374																			
	ABCN : Tap = 5 RAISE																		
Regulator			40.5	24.9	0.0	ABCN				39	1691	327	39	98	-3.8	0.0	125.8	0.0	0.0	ABCN Regulator
3741	1/0ACSR	40.8	24.9	0.0	ABCN	0	-0	0	17	1691	327	38	98	0.0	0.0	126.0	0.3	-0.0	ABCN 3741
3742	1/0ACSR	47.4	24.9	0.0	ABCN	97	20	2	17	1691	327	38	98	0.5	0.5	125.5	5.7	-0.7	ABCN 3742
376	1/0ACSR	48.6	24.9	0.0	ABCN	5	1	0	15	1497	292	34	98	0.1	0.6	125.4	0.9	-0.3	ABCN 376
403	1/0ACSR	52.7	24.9	0.0	ABCN	129	27	3	12	1268	246	29	98	0.2	0.8	125.2	2.0	-1.6	ABCN 403
404	1/0ACSR	56.9	24.9	0.0	ABCN	6	1	0	11	1137	221	26	98	0.2	1.0	125.0	1.8	-1.9	ABCN 404
406	1/0ACSR	61.7	24.9	0.0	ABCN	110	23	3	11	1109	219	25	98	0.2	1.3	124.7	1.8	-2.3	ABCN 406
40600	1/0ACSR	62.3	24.9	0.0	ABCN	45	9	1	9	942	189	21	98	0.0	1.3	124.7	0.2	-0.3	ABCN 40600
410	4ACSR	65.8	24.9	0.0	A N	170	35	12	23	475	95	33	98	0.4	2.0	124.0	1.4	0.0	A N 410
411	4ACSR	70.4	24.9	0.0	A N	73	15	5	8	162	31	11	98	0.2	2.2	123.8	0.2	-0.8	A N 411
401	6ACWC	76.4	24.9	0.0	A N	89	18	6	4	89	17	6	98	0.1	2.2	123.8	0.1	-1.1	A N 401
4100	4ACSR	67.3	24.9	0.0	A N	142	29	10	7	142	29	10	98	0.0	2.0	124.0	0.0	-0.3	A N 4100
413	4ACSR	68.4	24.9	0.0	A N	106	22	7	21	420	83	29	98	0.7	2.3	123.7	2.1	-0.1	A N 413
414	6ACWC	74.3	24.9	0.0	A N	119	25	8	7	145	28	10	98	0.2	2.4	123.6	0.1	-1.1	A N 414
41400	6ACWC	78.5	24.9	0.0	A N	26	5	2	1	26	4	2	99	0.0	2.4	123.6	0.0	-0.8	A N 41400
415	6ACWC	74.9	24.9	0.0	A N	167	35	12	8	168	33	12	98	0.2	2.4	123.6	0.2	-1.2	A N 415
407	6ACWC	66.0	24.9	0.0	A N	51	11	3	3	55	9	4	99	0.0	1.5	124.5	0.0	-0.8	A N 407
40700	6ACWC	71.8	24.9	0.0	A N	4	1	0	0	4	-0	0	-100	0.0	1.5	124.5	0.0	-1.1	A N 40700
405	4ACSR	63.9	24.9	0.0	A N	20	4	1	1	20	3	1	99	0.0	1.3	124.7	0.0	-1.4	A N 405
402	4ACSR	52.6	24.9	0.0	A N	132	27	9	11	222	44	15	98	0.2	1.0	125.0	0.3	-0.7	A N 402
4021	4ACSR	56.7	24.9	0.0	A N	90	19	6	4	91	18	6	98	0.1	1.0	125.0	0.0	-0.8	A N 4021
377	6ACWC	54.1	24.9	0.0	A N	41	8	3	4	90	16	6	98	0.1	0.8	125.2	0.1	-1.3	A N 377
400	4ACSR	61.1	24.9	0.0	A N	49	10	3	2	49	9	3	98	0.1	0.9	125.1	0.0	-1.4	A N 400
358	4ACSR	38.2	24.9	0.0	A N	50	10	3	11	218	38	15	99	0.2	3.7	122.3	0.4	-0.6	A N 358
362	4ACSR	46.3	24.9	0.0	A N	23	5	2	1	23	3	2	99	0.0	3.7	122.3	0.0	-1.6	A N 362
363	4ACSR	44.8	24.9	0.0	A N	98	20	7	7	146	25	10	99	0.2	3.9	122.1	0.2	-1.2	A N 363
356	4ACSR	62.8	24.9	0.0	A N	48	10	3	2	48	6	3	99	0.1	4.0	122.0	0.1	-3.4	A N 356
346	4ACSR	21.0	24.9	0.0	A N	6	1	0	0	10	-0	1	-100	0.0	1.6	124.4	0.0	-1.2	A N 346
34699	4ACSR	26.4	24.9	0.0	A N	4	1	0	0	4	-0	0	-100	0.0	1.6	124.4	0.0	-1.1	A N 34699

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********** Load-Flow Results For Hunt Ckt 4 **********
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Hunt Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2776	366	62	99			126.0			ABCN	Feeder
66	397ACSR	9.0	24.9	0.0	ABCN	27	5	1	10	2776	366	62	99	0.3	0.3	125.7	5.0	4.4	ABCN	66
6666	397ACSR	10.5	24.9	0.0	ABCN	3	1	0	10	2619	338	58	99	0.0	0.3	125.7	0.8	0.5	ABCN	6666
63	4ACSR	12.4	24.9	0.0	A N	14	3	1	13	268	50	18	98	0.2	0.5	125.5	0.3	-0.2	A N	63
63000	4ACSR	19.9	24.9	0.0	A N	121	24	8	12	254	48	17	98	0.5	1.0	125.0	0.7	-1.1	A N	63000
63001	4ACSR	24.6	24.9	0.0	A N	71	14	5	6	132	25	9	98	0.1	1.1	124.9	0.1	-0.9	A N	63001
63002	4ACSR	28.9	24.9	0.0	A N	61	12	4	3	61	11	4	98	0.0	1.2	124.8	0.0	-0.8	A N	63002
65	397ACSR	16.9	24.9	0.0	ABCN	21	4	0	9	2348	287	52	99	0.2	0.5	125.5	2.6	0.7	ABCN	65
64	397ACSR	21.3	24.9	0.0	ABCN	134	27	3	9	2311	281	52	99	0.1	0.6	125.4	1.6	0.2	ABCN	64
64000	397ACSR	21.9	24.9	0.0	ABCN	0	-0	0	8	2175	254	49	99	0.0	0.6	125.4	0.2	-0.0	ABCN	64000
60	2ACSR	27.4	24.9	0.0	ABCN	82	16	2	24	1902	205	42	99	0.6	1.3	124.7	9.1	0.6	ABCN	60
60000	2ACSR	29.6	24.9	0.0	ABCN	-0	0	0	23	1811	188	41	99	0.3	1.5	124.5	3.6	0.2	ABCN	60000
57	2ACSR	35.8	24.9	0.0	ABCN	39	8	1	23	1808	187	41	99	0.7	2.2	123.8	9.6	0.4	ABCN	57
57000	2ACSR	40.0	24.9	0.0	ABCN	0	0	0	22	1759	179	40	99	0.5	2.7	123.3	6.4	0.2	ABCN	57000
57001	2ACSR	40.7	24.9	0.0	ABCN	0	0	0	22	1753	179	40	99	0.1	2.8	123.2	1.2	0.0	ABCN	57001
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 57001																				
ABCN : Tap = 3 RAISE																				
Regulator			24.9	0.0	ABCN				40	1752	179	40	99	-2.3	0.5	125.3	0.0	0.0	ABCN	Regulator
55	2ACSR	49.0	24.9	0.0	ABCN	19	4	0	22	1752	180	39	99	0.9	1.4	124.6	12.0	0.0	ABCN	55
40	1/0ACSR	50.6	24.9	0.0	ABCN	0	0	0	3	319	52	7	99	0.0	1.4	124.6	0.1	-1.2	ABCN	40
40000	1/0ACSR	53.6	24.9	0.0	ABCN	5	1	0	3	319	53	7	99	0.0	1.4	124.6	0.1	-2.2	ABCN	40000
40001	4ACSR	58.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-80	0.0	1.5	124.5	0.0	-1.0	A N	40001
40002	1/0ACSR	54.3	24.9	0.0	ABCN	55	11	1	3	313	55	7	98	0.0	1.4	124.6	0.0	-0.5	ABCN	40002
40003	1/0ACSR	61.4	24.9	0.0	ABCN	-0	0	0	3	258	45	6	99	0.1	1.5	124.5	0.2	-5.2	ABCN	40003
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 40003																				
Transformer			61.4	12.4	0.0	ABCN			26	258	50	6	98	0.0	1.5	124.5	0.0	0.0	ABCN	Transformer
34	4ACSR	68.1	12.4	0.0	A N	18	4	2	14	147	29	20	98	1.2	2.8	123.2	1.3	0.3	A N	34
34000	4ACSR	73.3	12.4	0.0	A N	26	5	4	13	128	25	18	98	0.8	3.6	122.4	0.7	0.1	A N	34000
32	4ACSR	82.2	12.4	0.0	A N	72	14	10	7	73	14	10	98	0.4	4.1	121.9	0.2	-0.3	A N	32
33	4ACSR	79.4	12.4	0.0	A N	29	6	4	3	29	6	4	98	0.1	3.8	122.2	0.0	-0.3	A N	33
35	4ACSR	65.9	12.4	0.0	A N	24	5	3	11	110	21	15	98	0.6	2.2	123.8	0.4	0.0	A N	35
36	1/0ACSR	67.4	12.4	0.0	A N	14	3	2	4	60	12	8	98	0.1	2.3	123.7	0.0	-0.1	A N	36
36000	4ACSR	72.9	12.4	0.0	A N	46	9	6	5	46	9	6	98	0.2	2.4	123.6	0.1	-0.2	A N	36000
37	4ACSR	71.9	12.4	0.0	A N	16	3	2	2	25	4	3	99	0.1	2.3	123.7	0.0	-0.3	A N	37
37000	4ACSR	79.4	12.4	0.0	A N	10	2	1	1	10	2	1	99	0.0	2.4	123.6	0.0	-0.4	A N	37000
41	1/0ACSR	56.7	24.9	0.0	ABCN	107	21	2	14	1402	124	31	100	0.4	1.8	124.2	4.5	-2.3	ABCN	41
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 41																				
T Transformer			56.7	12.4	0.0	ABCN			130	1290	105	29	100	0.0	1.8	124.2	0.0	0.0	ABCN	Transformer
42	4ACSR	61.3	12.4	0.0	A N	48	10	7	5	48	9	7	98	0.1	2.1	123.9	0.1	-0.2	A N	42
43	1/0ACSR	59.4	12.4	0.0	ABCN	29	6	1	24	1242	96	56	100	0.6	2.4	123.6	5.3	3.5	ABCN	43
44	4ACSR	61.4	12.4	0.0	A N	1	0	0	18	186	37	26	98	0.5	3.0	123.0	0.7	0.3	A N	44
44000	4ACSR	71.3	12.4	0.0	A N	182	36	25	18	184	37	25	98	1.2	4.2	121.8	1.7	0.4	A N	44000
45	1/0ACSR	61.2	12.4	0.0	ABCN	16	-156	7	20	1022	49	46	100	0.3	2.7	123.3	2.3	1.4	ABCN	45
Capacitor (Wye-Gnd Connected) at Center of Section 45																				
ABCN : Nominal = 150 kvar Actual = 159 kvar																				
46	1/0ACSR	61.7	12.4	0.0	ABCN	16	3	1	7	372	74	17	98	0.0	2.7	123.3	0.1	-0.0	ABCN	46
46000	1/0ACSR	68.4	12.4	0.0	ABCN	131	26	6	7	356	71	16	98	0.4	3.1	122.9	1.0	-0.4	ABCN	46000
50	4ACSR	71.8	12.4	0.0	A N	25	5	3	2	25	5	3	98	0.1	3.5	122.5	0.0	-0.2	A N	50
38	6ACWC	72.1	12.4	0.0	A N	81	16	11	20	199	40	28	98	0.7	4.2	121.8	0.9	0.4	A N	38
38000	6ACWC	78.9	12.4	0.0	A N	70	14	10	12	117	23	16	98	0.7	4.9	121.1	0.5	-0.0	A N	38000
38001	6ACWC	84.3	12.4	0.0	A N	47	9	7	5	47	9	7	98	0.2	5.1	120.9	0.1	-0.2	A N	38001
45000	1/0ACSR	67.1	12.4	0.0	ABCN	84	17	4	13	631	129	29	98	0.6	3.3	122.7	2.9	1.1	ABCN	45000
45001	4ACSR	68.1	12.4	0.0	A N	0	0	0	15	149	29	21	98	0.2	3.8	122.2	0.2	0.1	A N	45001
53	4ACSR	77.5	12.4	0.0	A N	99	20	14	10	99	20	14	98	0.6	4.5	121.5	0.5	-0.2	A N	53
54	4ACSR	72.1	12.4	0.0	A N	42	8	6	5	49	9	7	98	0.1	4.0	122.0	0.1	-0.2	A N	54
54002	4ACSR	74.1	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	4.0	122.0	0.0	-0.1	A N	54002
54003	4ACSR	79.0	12.4	0.0	A N	7	1	1	1	7	1	1	99	0.0	4.0	122.0	0.0	-0.3	A N	54003
52	4ACSR	76.3	12.4	0.0	A N	213	43	30	39	393	81	55	98	3.5	7.1	118.9	8.8	4.2	A N	52
51	4ACSR	82.6	12.4	0.0	A N	79	16	11	8	79	16	11	98	0.3	7.5	118.5	0.2	-0.2	A N	51
52000	4ACSR	76.7	12.4	0.0	A N	18	4	3	9	92	18	13	98	0.0	7.2	118.8	0.0	-0.0	A N	52000
52001	4ACSR	80.2	12.4	0.0	A N	74	15	11	8	74	15	11	98	0.2	7.4	118.6	0.1	-0.1	A N	52001

Hunt Ckt 4 [redacted]ction Load Load Into Section -- 120V Bas[redacted] Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	KW	KVAR	Phs Cfg	Section
52002	4ACSR		77.1	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	7.2	118.8	0.0	-0.0	A N	52002
56	4ACSR		47.4	24.9	0.0	A N	0	0	0	0	0	-1	0	-13	-0.0	0.6	125.4	0.0	-1.4	A N	56
6000	397ACSR		24.1	24.9	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.6	125.4	0.0	-1.9	ABCN	6000
61	4ACSR		27.9	24.9	0.0	A N	6	1	0	13	273	51	18	98	0.5	1.2	124.8	1.1	-0.6	A N	61
61000	4ACSR		31.6	24.9	0.0	A N	80	16	5	13	266	51	18	98	0.3	1.5	124.5	0.5	-0.5	A N	61000
61001	4ACSR		35.3	24.9	0.0	A N	73	15	5	4	73	14	5	98	0.0	1.5	124.5	0.0	-0.7	A N	61001
61002	4ACSR		38.2	24.9	0.0	A N	112	22	8	5	112	21	8	98	0.1	1.6	124.4	0.1	-1.2	A N	61002
70	6ACWC		24.4	24.9	0.0	A N	14	3	1	1	14	1	1	100	0.0	0.5	125.5	0.0	-1.5	A N	70
71	4ACSR		10.8	24.9	0.0	A N	7	1	0	6	124	18	8	99	0.1	0.4	125.6	0.1	-0.3	A N	71
71099	4ACSR		18.8	24.9	0.0	A N	79	16	5	5	107	18	7	99	0.2	0.5	125.5	0.1	-1.6	A N	71099
71098	4ACSR		26.1	24.9	0.0	A N	27	5	2	1	27	4	2	99	0.0	0.6	125.4	0.0	-1.5	A N	71098
77	6ACWC		18.5	24.9	0.0	A N	11	2	1	1	11	-1	1	-100	0.0	0.4	125.6	0.0	-1.6	A N	77
77000	4ACSR		25.7	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.4	125.6	0.0	-1.5	A N	77000

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********** Load-Flow Results For Jeffersonville Ckt 1 **********

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Jeffersonville Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2681	500	60	98			126.0			ABCN	Feeder
536	336ACSR	1.8	24.9	0.0	ABCN	32	6	1	11	2681	500	60	98	0.1	0.1	125.9	1.1	0.8	ABCN	536
5362	336ACSR	4.8	24.9	0.0	ABCN	53	10	1	11	2533	471	57	98	0.1	0.2	125.8	1.7	0.9	ABCN	5362
5363	336ACSR	8.1	24.9	0.0	ABCN	13	3	0	10	2254	417	51	98	0.1	0.3	125.7	1.5	0.2	ABCN	5363
5364	336ACSR	9.4	24.9	0.0	ABCN	11	2	0	9	2081	388	47	98	0.0	0.3	125.7	0.5	-0.1	ABCN	5364
5365	336ACSR	10.7	24.9	0.0	ABCN	37	7	1	9	2069	386	47	98	0.0	0.4	125.6	0.5	-0.1	ABCN	5365
5366	336ACSR	12.5	24.9	0.0	ABCN	-0	0	0	8	1945	362	44	98	0.1	0.4	125.6	0.6	-0.3	ABCN	5366
5368	1/0ACSR	12.9	24.9	0.0	ABCN	-0	0	0	17	1689	313	38	98	0.0	0.5	125.5	0.3	-0.0	ABCN	5368
5367	1/0ACSR	14.3	24.9	0.0	ABCN	17	3	0	16	1618	300	36	98	0.1	0.6	125.4	1.2	-0.2	ABCN	5367
533	1/0ACSR	19.1	24.9	0.0	ABCN	12	2	0	15	1497	277	34	98	0.3	0.9	125.1	3.5	-1.1	ABCN	533
5331	1/0ACSR	19.4	24.9	0.0	ABCN	8	1	0	10	1067	192	24	98	0.0	0.9	125.1	0.1	-0.1	ABCN	5331
530	1/0ACSR	22.3	24.9	0.0	ABCN	11	2	0	9	889	159	20	98	0.1	1.0	125.0	0.7	-1.6	ABCN	530
5301	4ACSR	27.0	24.9	0.0	A N	60	12	4	3	60	11	4	98	0.0	1.1	124.9	0.0	-0.9	A N	5301
5302	1/0ACSR	25.1	24.9	0.0	ABCN	46	9	1	8	817	148	18	98	0.1	1.1	124.9	0.6	-1.6	ABCN	5302
526	1/0ACSR	30.4	24.9	0.0	ABCN	100	20	2	6	592	107	13	98	0.1	1.2	124.8	0.5	-3.6	ABCN	526
5230	1/0ACSR	32.2	24.9	0.0	ABCN	98	17	2	1	98	16	2	99	0.0	1.2	124.8	0.0	-1.4	ABCN	5230
524	4ACSR	34.5	24.9	0.0	A N	79	16	5	19	393	74	27	98	0.5	1.8	124.2	1.3	-0.1	A N	524
5240	4ACSR	39.3	24.9	0.0	A N	107	21	7	15	313	59	21	98	0.4	2.2	123.8	0.8	-0.5	A N	5240
544	4ACSR	43.4	24.9	0.0	A N	116	23	8	10	205	38	14	98	0.2	2.4	123.6	0.3	-0.7	A N	544
5440	4ACSR	50.7	24.9	0.0	A N	80	16	6	4	80	14	5	98	0.1	2.5	123.5	0.1	-1.4	A N	5440
5441	4ACSR	44.9	24.9	0.0	A N	9	2	1	0	9	1	1	99	0.0	2.4	123.6	0.0	-0.3	A N	5441
5272	4ACSR	25.9	24.9	0.0	A N	104	20	7	9	178	34	12	98	0.0	1.2	124.8	0.0	-0.1	A N	5272
527	4ACSR	28.9	24.9	0.0	A N	43	9	3	2	43	8	3	98	0.0	1.2	124.8	0.0	-0.6	A N	527
5271	4ACSR	29.8	24.9	0.0	A N	31	6	2	2	31	5	2	99	0.0	1.2	124.8	0.0	-0.8	A N	5271
531	6ACWC	23.7	24.9	0.0	A N	12	2	1	8	171	32	12	98	0.2	1.1	124.9	0.3	-0.7	A N	531
5311	6ACWC	28.2	24.9	0.0	A N	89	18	6	4	89	17	6	98	0.1	1.2	124.8	0.0	-0.9	A N	5311
9531	6ACWC	26.5	24.9	0.0	A N	70	14	5	3	70	13	5	98	0.0	1.1	124.9	0.0	-0.6	A N	9531
Transformer	AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 532																			
T Transformer			19.1	12.4	0.0	A N				127	415	84	28	98	0.0	0.9	125.1	0.0	0.0	A N	Transformer
532	6ACWC	23.9	12.4	0.0	A N	146	29	20	40	415	84	57	98	2.0	2.9	123.1	5.2	2.9	A N	532
5321	6ACWC	29.2	12.4	0.0	A N	74	15	10	26	263	52	36	98	1.5	4.3	121.7	2.6	1.3	A N	5321
546	4ACSR	30.8	12.4	0.0	A N	14	3	2	18	181	35	25	98	0.4	4.7	121.3	0.5	0.2	A N	546
5461	4ACSR	38.0	12.4	0.0	A N	47	9	7	5	47	9	7	98	0.2	4.9	121.1	0.1	-0.3	A N	5461
547	4ACSR	41.7	12.4	0.0	A N	118	23	17	12	119	23	17	98	0.9	5.6	120.4	0.8	-0.1	A N	547
548	4ACSR	35.5	12.4	0.0	A N	7	1	1	1	7	1	1	99	0.0	4.4	121.6	0.0	-0.3	A N	548
535	4ACSR	19.0	24.9	0.0	A N	102	20	7	5	102	19	7	98	0.1	0.6	125.4	0.1	-0.9	A N	535
5369	1/0ACSR	15.9	24.9	0.0	A N	71	14	5	2	71	13	5	98	0.0	0.5	125.5	0.0	-0.7	A N	5369
9534	4ACSR	16.6	24.9	0.0	A N	84	17	6	12	255	49	17	98	0.3	0.7	125.3	0.5	-0.6	A N	9534
534	6ACWC	21.6	24.9	0.0	A N	171	34	12	8	171	33	12	98	0.1	0.8	125.2	0.2	-0.9	A N	534
53651	4ACSR	13.4	24.9	0.0	A N	86	17	6	4	86	17	6	98	0.0	0.4	125.6	0.0	-0.5	A N	53651
734	4ACSR	15.3	24.9	0.0	A N	59	12	4	8	159	26	11	99	0.3	0.6	125.4	0.3	-1.3	A N	734
7341	4ACSR	19.4	24.9	0.0	A N	7	1	0	0	9	0	1	100	0.0	0.6	125.4	0.0	-0.8	A N	7341
545	6ACWC	21.3	24.9	0.0	A N	1	0	0	0	1	-0	0	-100	0.0	0.6	125.4	0.0	-0.4	A N	545
735	4ACSR	21.1	24.9	0.0	A N	72	14	5	4	91	15	6	99	0.1	0.7	125.3	0.1	-1.1	A N	735
7351	4ACSR	27.7	24.9	0.0	A N	19	4	1	1	19	2	1	99	0.0	0.7	125.3	0.0	-1.3	A N	7351
725	6ACWC	8.0	24.9	0.0	A N	39	8	3	11	224	43	15	98	0.2	0.4	125.6	0.3	-0.5	A N	725
7251	6ACWC	11.8	24.9	0.0	A N	159	31	11	8	159	31	11	98	0.1	0.5	125.5	0.1	-0.7	A N	7251
7252	6ACWC	10.0	24.9	0.0	A N	26	5	2	1	26	5	2	98	0.0	0.4	125.6	0.0	-0.4	A N	7252
5361	4ACSR	7.1	24.9	0.0	A N	115	23	8	6	115	22	8	98	0.1	0.2	125.8	0.1	-1.0	A N	5361

********** Load-Flow Results For Jeffersonville Ckt 2 **********

Jeffersonville Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			24.9	0.0	ABCN					1397	81	31	100			126.0			ABCN Feeder
726	336ACSR	1.6	24.9	0.0	ABCN	57	12	1	6	1397	81	31	100	0.0	0.0	126.0	0.3	-0.9	ABCN 726
7261	336ACSR	8.5	24.9	0.0	ABCN	8	2	0	6	1340	70	30	100	0.1	0.1	125.9	1.0	-3.7	ABCN 7261
727	336ACSR	10.9	24.9	0.0	ABCN	-0	-165	4	5	1256	62	28	100	0.0	0.2	125.8	0.3	-1.4	ABCN 727
Capacitor (Wye-Gnd Connected) at Center of Section 727																			
ABCN : Nominal = 150 kvar Actual = 165 kvar																			
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 7302																			
T Transformer		10.9	12.4	0.0	ABCN				128	1255	229	28	98	0.0	0.2	125.8	0.0	0.0	ABCN Transformer
7302	336ACSR	12.1	12.4	0.0	ABCN	44	9	2	11	1255	229	56	98	0.1	0.3	125.7	0.6	1.1	ABCN 7302
7301	336ACSR	13.9	12.4	0.0	ABCN	34	6	2	10	1211	218	54	98	0.1	0.4	125.6	0.9	1.5	ABCN 7301
730	336ACSR	15.4	12.4	0.0	ABCN	8	2	0	10	1175	211	53	98	0.1	0.5	125.5	0.7	1.2	ABCN 730
728	1/0CU	16.7	12.4	0.0	ABCN	54	4	2	3	230	41	10	98	0.0	0.5	125.5	0.0	-0.2	ABCN 728
7281	6ACWC	20.8	12.4	0.0	A N	176	37	24	17	176	38	24	98	0.4	1.0	125.0	0.6	0.1	A N 7281
731	2ACSR	16.9	12.4	0.0	ABCN	17	4	1	14	561	93	25	99	0.2	0.7	125.3	0.9	0.2	ABCN 731
7311	2ACSR	20.4	12.4	0.0	ABCN	30	6	1	14	543	89	24	99	0.5	1.2	124.8	1.9	0.3	ABCN 7311
732	2ACSR	26.3	12.4	0.0	ABCN	345	48	16	12	468	74	21	99	0.4	1.6	124.4	3.1	1.0	ABCN 732
7321	2ACSR	30.2	12.4	0.0	ABCN	28	6	1	2	88	18	4	98	0.1	1.7	124.3	0.1	-0.7	ABCN 7321
724	4ACSR	37.2	12.4	0.0	A N	42	9	6	6	59	12	8	98	0.4	2.8	123.2	0.1	-0.3	A N 724
7241	4ACSR	45.1	12.4	0.0	A N	17	4	2	2	17	3	2	98	0.1	2.9	123.1	0.0	-0.4	A N 7241
7320	6ACWC	30.3	12.4	0.0	A N	32	7	4	3	32	7	4	98	0.1	2.4	123.6	0.0	-0.2	A N 7320
743	6ACWC	29.2	12.4	0.0	A N	29	6	4	4	43	8	6	98	0.3	1.6	124.4	0.1	-0.4	A N 743
7431	6ACWC	36.5	12.4	0.0	A N	15	3	2	1	15	3	2	98	0.1	1.6	124.4	0.0	-0.4	A N 7431
744	1/0CU	18.8	12.4	0.0	ABCN	0	0	0	5	376	74	17	98	0.1	0.6	125.4	0.3	-0.2	ABCN 744
7441	1/0CU	24.1	12.4	0.0	ABCN	21	4	1	5	349	69	16	98	0.2	0.8	125.2	0.4	-0.5	ABCN 7441
737	1/0CU	30.3	12.4	0.0	ABCN	12	3	1	2	105	17	5	99	0.1	0.9	125.1	0.0	-1.1	ABCN 737
7371	1/0CU	35.8	12.4	0.0	ABCN	7	2	0	1	93	16	4	99	0.1	0.9	125.1	0.0	-1.0	ABCN 7371
7372	1/0CU	43.1	12.4	0.0	ABCN	12	3	1	1	85	15	4	98	0.1	1.0	125.0	0.0	-1.3	ABCN 7372
7373	6ACWC	49.7	12.4	0.0	A N	25	5	3	2	25	5	3	98	0.1	1.2	124.8	0.0	-0.3	A N 7373
7374	1/0CU	47.3	12.4	0.0	ABCN	12	3	1	1	48	9	2	98	0.0	1.0	125.0	0.0	-0.8	ABCN 7374
7375	6ACWC	50.0	12.4	0.0	A N	21	5	3	2	21	4	3	98	0.0	1.1	124.9	0.0	-0.1	A N 7375
7376	1/0CU	50.4	12.4	0.0	ABCN	14	3	1	0	14	3	1	99	0.0	1.0	125.0	0.0	-0.6	ABCN 7376
740	6ACWC	31.1	12.4	0.0	A N	64	14	9	22	223	47	30	98	1.6	2.5	123.5	2.4	1.1	A N 740
7401	6ACWC	36.2	12.4	0.0	A N	39	8	5	16	157	33	22	98	0.9	3.4	122.6	0.9	0.3	A N 7401
741	6ACWC	41.4	12.4	0.0	A N	31	7	4	3	31	6	4	98	0.1	3.5	122.5	0.0	-0.2	A N 741
742	6ACWC	40.2	12.4	0.0	A N	35	8	5	9	87	18	12	98	0.3	3.7	122.3	0.2	-0.1	A N 742
7421	6ACWC	51.0	12.4	0.0	A N	51	11	7	5	51	10	7	98	0.3	4.0	122.0	0.1	-0.4	A N 7421
7442	4ACSR	22.2	12.4	0.0	A N	26	6	4	3	26	5	4	98	0.1	0.7	125.3	0.0	-0.2	A N 7442
736	4ACSR	15.5	24.9	0.0	A N	8	2	1	4	75	10	5	99	0.2	0.3	125.7	0.1	-1.4	A N 736
7361	4ACSR	18.4	24.9	0.0	A N	18	4	1	3	67	10	4	99	0.1	0.4	125.6	0.0	-0.6	A N 7361
7362	4ACSR	28.0	24.9	0.0	A N	3	1	0	2	38	5	3	99	0.1	0.5	125.5	0.0	-1.9	A N 7362
7363	4ACSR	34.6	24.9	0.0	A N	35	7	2	2	35	6	2	99	0.0	0.5	125.5	0.0	-1.3	A N 7363
73612	4ACSR	22.5	24.9	0.0	A N	11	2	1	1	11	2	1	99	0.0	0.4	125.6	0.0	-0.8	A N 73612

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********** Load-Flow Results For Mariba Ckt 1 **********
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Mariba Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					660	3	29	100			126.0			ABCN	Feeder
1105	1/0ACSR	3.3	12.5	0.0	ABCN	19	7	1	13	660	3	29	100	0.3	0.3	125.7	1.7	0.7	ABCN	1105
1106	1/0ACSR	8.2	12.5	0.0	ABCN	332	-127	16	12	640	-5	28	-100	0.4	0.7	125.3	2.5	1.3	ABCN	1106
Capacitor (Wye-Gnd Connected) at Center of Section 1106																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
11063	1/0ACSR	11.9	12.5	0.0	ABCN	114	45	5	4	209	82	10	93	0.1	0.8	125.2	0.2	-0.5	ABCN	11063
11064	4ACSR	13.6	12.5	0.0	A N	76	30	11	8	76	30	11	93	0.1	1.5	124.5	0.1	-0.1	A N	11064
11065	1/0ACSR	12.9	12.5	0.0	ABCN	18	7	1	0	18	7	1	93	0.0	0.8	125.2	0.0	-0.2	ABCN	11065
11061	2ACSR	11.2	12.5	0.0	A N	90	36	13	8	96	38	14	93	0.2	1.3	124.7	0.1	-0.1	A N	11061
11062	2ACSR	15.5	12.5	0.0	A N	6	2	1	0	6	2	1	94	0.0	1.3	124.7	0.0	-0.2	A N	11062

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********** Load-Flow Results For Mariba Ckt 2 **********
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Mariba Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1382	322	63	97			126.0			ABCN	Feeder
	1122	1/0ACSR	6.3	12.5	0.0	ABCN	66	-140	7	27	1382	322	63	97	1.6	1.6	124.4	15.4	10.4	ABCN	1122
	Capacitor (Wye-Gnd Connected) at Center of Section 1122																				
		ABCN : Nominal = 150 kvar					Actual = 163 kvar														
	1124	1/0ACSR	9.5	12.5	0.0	ABCN	30	11	1	26	1249	433	59	94	0.8	2.4	123.6	7.0	4.7	ABCN	1124
	11241	336ACSR	14.7	12.5	0.0	ABCN	81	29	4	11	1212	418	58	95	0.5	2.9	123.1	2.8	4.9	ABCN	11241
	1127	4ACSR	16.8	12.5	0.0	A N	76	7	10	37	371	110	52	96	0.9	4.0	122.0	2.5	1.2	A N	1127
	1125	4ACSR	20.0	12.5	0.0	A N	30	11	4	24	230	81	33	94	1.0	5.0	121.0	1.7	0.7	A N	1125
	1101	4ACSR	27.4	12.5	0.0	A N	59	21	9	19	182	64	27	94	1.6	6.7	119.3	2.0	0.7	A N	1101
	11011	6ACWC	35.2	12.5	0.0	A N	26	9	4	3	26	9	4	95	0.1	6.8	119.2	0.0	-0.3	A N	11011
	11012	6ACWC	31.3	12.5	0.0	A N	55	20	8	10	95	33	14	94	0.4	7.0	119.0	0.2	-0.0	A N	11012
	11013	6ACWC	38.2	12.5	0.0	A N	30	11	5	4	39	14	6	95	0.2	7.2	118.8	0.1	-0.3	A N	11013
	1100	6ACWC	44.0	12.5	0.0	A N	9	3	1	1	9	3	1	95	0.0	7.3	118.7	0.0	-0.3	A N	1100
	1128	4ACSR	27.4	12.5	0.0	A N	16	6	2	2	16	5	2	95	0.1	5.1	120.9	0.0	-0.3	A N	1128
	11281	4ACSR	32.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-25	-0.0	5.1	120.9	0.0	-0.2	A N	11281
	1126	4ACSR	22.0	12.5	0.0	A N	25	9	4	6	63	22	9	94	0.4	4.4	121.6	0.2	-0.2	A N	1126
	11261	4ACSR	30.1	12.5	0.0	A N	37	13	5	4	37	13	5	94	0.2	4.6	121.4	0.1	-0.4	A N	11261
L	1130	6ACWC	22.0	12.5	0.0	A N	140	45	21	78	756	271	109	94	6.7	9.7	116.3	34.8	20.6	A N	1130
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1130																				
		A N : Tap = 13			RAISE																
C	Regulator			12.5	0.0	A N				88	581	206	88	94	-9.4	0.3	125.7	0.0	0.0	A N	Regulator
	11302	6ACWC	24.9	12.5	0.0	A N	39	10	5	49	492	174	69	94	1.8	2.1	123.9	6.3	3.6	A N	11302
	1145	6ACWC	32.6	12.5	0.0	A N	56	20	8	42	414	149	59	94	3.9	6.0	120.0	11.5	6.5	A N	1145
	11456	6ACWC	37.8	12.5	0.0	A N	72	26	11	31	299	106	44	94	1.8	7.9	118.1	3.8	2.1	A N	11456
L	11457	6ACWC	38.7	12.5	0.0	A N	0	0	0	16	149	52	22	94	0.2	8.0	118.0	0.2	0.1	A N	11457
L	11450	4ACSR	39.6	12.5	0.0	A N	4	1	1	0	4	1	1	94	0.0	8.1	117.9	0.0	-0.0	A N	11450
L	1141	4ACSR	42.7	12.5	0.0	A N	59	21	9	15	144	51	22	94	0.7	8.7	117.3	0.7	0.2	A N	1141
L	11411	6ACWC	48.9	12.5	0.0	A N	43	15	6	5	43	15	6	94	0.2	8.9	117.1	0.1	-0.2	A N	11411
L	11412	4ACSR	46.1	12.5	0.0	A N	16	6	2	4	42	14	6	95	0.2	8.9	117.1	0.0	-0.1	A N	11412
L	11413	6ACWC	49.6	12.5	0.0	A N	5	2	1	1	5	2	1	95	0.0	8.9	117.1	0.0	-0.2	A N	11413
L	11414	6ACWC	50.0	12.5	0.0	A N	12	4	2	2	21	7	3	95	0.1	9.0	117.0	0.0	-0.2	A N	11414
L	11415	6ACWC	55.5	12.5	0.0	A N	9	3	1	1	9	3	1	95	0.0	9.0	117.0	0.0	-0.2	A N	11415
L	1142	6ACWC	42.4	12.5	0.0	A N	24	9	4	8	75	26	11	95	0.4	8.3	117.7	0.2	-0.1	A N	1142
L	1143	4ACSR	47.3	12.5	0.0	A N	12	4	2	1	12	4	2	95	0.0	8.3	117.7	0.0	-0.2	A N	1143
L	1144	6ACWC	45.2	12.5	0.0	A N	15	5	2	4	39	13	6	95	0.1	8.4	117.6	0.0	-0.1	A N	1144
L	11441	6ACWC	47.0	12.5	0.0	A N	0	0	0	3	24	8	4	95	0.1	8.4	117.6	0.0	-0.1	A N	11441
L	11442	6ACWC	52.9	12.5	0.0	A N	24	8	4	3	24	8	4	94	0.1	8.5	117.5	0.0	-0.3	A N	11442
L	11443	2ACSR	48.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	8.4	117.6	0.0	-0.2	A N	11443
	11451	2ACSR	39.5	12.5	0.0	A N	48	17	7	4	48	17	7	94	0.2	6.2	119.8	0.1	-0.3	A N	11451
	1146	4ACSR	31.9	12.5	0.0	A N	32	12	5	3	32	11	5	94	0.2	2.2	123.8	0.0	-0.3	A N	1146
	11301	4ACSR	28.5	12.5	0.0	A N	89	32	13	9	89	32	13	94	0.4	0.7	125.3	0.3	-0.2	A N	11301
	1123	4ACSR	13.3	12.5	0.0	A N	50	18	7	5	50	18	7	94	0.3	2.0	124.0	0.1	-0.3	A N	1123

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********** Load-Flow Results For Mariba Ckt 3 **********
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Mariba Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1321	75	58	100			126.0			ABCN	Feeder
1120	336ACSR	1.9	12.5	0.0	ABCN	19	8	1	11	1321	75	58	100	0.1	0.1	125.9	1.1	1.9	ABCN	1120
11201	336ACSR	3.0	12.5	0.0	ABCN	8	3	0	11	1300	65	57	100	0.1	0.2	125.8	0.6	1.1	ABCN	11201
1117	4ACSR	8.1	12.5	0.0	ABCN	52	21	3	40	1262	50	56	100	2.3	2.5	123.5	22.3	6.5	ABCN	1117
11171	4ACSR	11.5	12.5	0.0	A N	16	6	2	2	16	6	2	93	0.0	2.7	123.3	0.0	-0.2	A N	11171
11172	4ACSR	8.5	12.5	0.0	ABCN	0	0	0	38	1171	16	53	100	0.2	2.6	123.4	1.4	0.4	ABCN	11172
1116	6ACWC	13.4	12.5	0.0	ABCN	76	30	4	37	1155	11	52	100	1.9	4.5	121.5	17.4	5.2	ABCN	1116
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1116																				
	ABCN : Tap = 5 RAISE																			
Regulator			13.4	12.5	0.0	ABCN				49	1062	-25	49	-100	-4.0	0.5	125.5	0.0	0.0	ABCN	Regulator
11162	6ACWC	14.6	12.5	0.0	ABCN	0	-164	7	32	1002	-48	44	-100	0.4	0.9	125.1	3.3	0.9	ABCN	11162
Capacitor (Wye-Gnd Connected) at Center of Section 11162																				
	ABCN : Nominal = 150 kvar Actual = 164 kvar																			
1114	4ACSR	20.0	12.5	0.0	ABCN	57	23	3	30	950	95	42	100	1.9	2.7	123.3	13.4	3.5	ABCN	1114
11141	4ACSR	23.9	12.5	0.0	ABCN	111	12	5	28	879	69	40	100	1.2	3.9	122.1	8.0	2.0	ABCN	11141
11142	6ACWC	27.6	12.5	0.0	A N	13	5	2	1	13	5	2	93	0.0	4.1	121.9	0.0	-0.2	A N	11142
11143	6ACWC	29.2	12.5	0.0	ABCN	69	27	3	24	747	50	34	100	1.3	5.3	120.7	7.8	1.9	ABCN	11143
11144	6ACWC	31.7	12.5	0.0	ABCN	4	1	0	22	670	21	31	100	0.6	5.9	120.1	3.3	0.7	ABCN	11144
11145	6ACWC	35.3	12.5	0.0	ABCN	653	13	31	22	661	17	31	100	0.4	6.3	119.7	7.4	3.9	ABCN	11145
1115	6ACWC	19.2	12.5	0.0	A N	49	19	7	5	49	19	7	93	0.1	0.9	125.1	0.1	-0.2	A N	1115
11161	6ACWC	19.7	12.5	0.0	A N	60	24	9	6	61	24	9	93	0.3	0.6	125.4	0.1	-0.2	A N	11161
11173	4ACSR	12.6	12.5	0.0	A N	13	5	2	1	13	5	2	93	0.0	2.8	123.2	0.0	-0.2	A N	11173
1121	4ACSR	8.5	12.5	0.0	A N	9	3	1	3	30	11	4	94	0.2	0.4	125.6	0.0	-0.3	A N	1121
11211	4ACSR	14.1	12.5	0.0	A N	22	9	3	2	22	8	3	93	0.1	0.5	125.5	0.0	-0.3	A N	11211

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********** Load-Flow Results For Mariba Ckt 4 **********

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Mariba Ckt 4							Section Load				Load Into Section			-- 120V Base --				Losses			
	Phase	Dist	Nom	%V	Phs				Ldg					Volt	Accm	Volt			Phs	
Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg	Section
Feeder			12.5	0.0	ABCN					357	130	17	94			126.0			ABCN	Feeder
1104	4ACSR	3.0	12.5	0.0	A N	28	10	4	36	357	130	50	94	1.5	1.5	124.5	3.8	1.8	A N	1104
11042	4ACSR	7.5	12.5	0.0	A N	52	19	7	29	281	102	40	94	1.6	3.1	122.9	3.1	1.4	A N	11042
11043	4ACSR	12.3	12.5	0.0	A N	40	14	6	23	226	82	33	94	1.4	4.5	121.5	2.3	1.0	A N	11043
1102	4ACSR	16.8	12.5	0.0	A N	113	41	17	15	141	51	20	94	0.5	5.0	121.0	0.5	0.1	A N	1102
11021	4ACSR	22.2	12.5	0.0	A N	27	10	4	3	27	10	4	94	0.1	5.1	120.9	0.0	-0.2	A N	11021
1103	4ACSR	16.5	12.5	0.0	A N	44	16	6	5	44	16	6	94	0.1	4.6	121.4	0.0	-0.2	A N	1103
11041	4ACSR	6.7	12.5	0.0	A N	44	16	6	4	44	16	6	94	0.1	1.6	124.4	0.0	-0.2	A N	11041

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********** Load-Flow Results For Mt. Sterling Ckt 1 **********
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Mt. Sterling Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1027	-41	45	-100			126.0			ABCN	Feeder
46300	4/0ACSR	0.9	12.5	0.0	ABCN	10	1	0	13	1027	-41	45	-100	0.1	0.1	125.9	0.6	0.7	ABCN	46300
463	4/0ACSR	7.7	12.5	0.0	ABCN	120	14	5	9	692	-83	31	-99	0.3	0.4	125.6	1.9	1.1	ABCN	463
4631	4/0ACSR	8.0	12.5	0.0	ABCN	2	-164	7	7	556	-100	25	-98	0.0	0.4	125.6	0.1	0.0	ABCN	4631
Capacitor (Wye-Gnd Connected) at Center of Section 4631																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
4635	4/0ACSR	8.8	12.5	0.0	ABCN	55	6	2	7	552	64	25	99	0.0	0.4	125.6	0.2	0.0	ABCN	4635
4638	4/0ACSR	10.8	12.5	0.0	ABCN	74	9	3	5	387	44	17	99	0.1	0.5	125.5	0.2	-0.2	ABCN	4638
4640	1/0EPR	11.4	12.5	0.0	A N	60	7	8	4	60	7	8	99	0.0	0.7	125.3	0.0	-0.0	A N	4640
4642	4/0ACSR	11.3	12.5	0.0	ABCN	25	3	1	3	254	28	11	99	0.0	0.5	125.5	0.0	-0.1	ABCN	4642
4641	1/0EPR	12.6	12.5	0.0	A N	81	10	11	5	81	10	11	99	0.1	0.8	125.2	0.1	0.0	A N	4641
4643	4/0ACSR	11.7	12.5	0.0	ABCN	34	4	1	2	148	16	7	99	0.0	0.5	125.5	0.0	-0.1	ABCN	4643
4644	1/0ACSR	12.3	12.5	0.0	ABCN	76	9	3	2	115	12	5	99	0.0	0.5	125.5	0.0	-0.1	ABCN	4644
4645	1/0ACSR	14.1	12.5	0.0	ABCN	-0	-0	0	1	39	3	2	100	0.0	0.5	125.5	0.0	-0.3	ABCN	4645
461	1/0ACSR	18.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.5	125.5	0.0	-0.8	ABCN	461
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 461																				
ABCN : Tap = 0 NEUTRAL																				
Regulator		18.3	12.5	0.0	ABCN				0	0	0	0	0	0.0	0.5	125.5	0.0	0.0	ABCN	Regulator
462	4ACSR	19.2	12.5	0.0	A N	39	5	5	4	39	4	5	99	0.1	0.8	125.2	0.0	-0.2	A N	462
4637	4ACSR	13.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.7	125.3	0.0	-0.1	A N	4637
4639	1/0EPR	10.0	12.5	0.0	A N	109	13	15	7	109	13	15	99	0.2	0.7	125.3	0.1	0.1	A N	4639
4633	4ACSR	9.2	12.5	0.0	A N	3	0	0	0	3	0	0	100	0.0	0.5	125.5	0.0	-0.1	A N	4633
4632	4ACSR	8.8	12.5	0.0	A N	14	2	2	1	14	2	2	99	0.0	0.5	125.5	0.0	-0.1	A N	4632
46430	4ACSR	2.2	12.5	0.0	A N	23	3	3	2	23	3	3	99	0.0	0.1	125.9	0.0	-0.1	A N	46430
464	4ACSR	2.2	12.5	0.0	A N	3	0	0	29	301	38	40	99	0.5	0.5	125.5	1.1	0.5	A N	464
46431	4ACSR	10.3	12.5	0.0	A N	65	8	9	28	297	37	40	99	2.7	3.2	122.8	5.5	2.5	A N	46431
46432	4ACSR	18.4	12.5	0.0	A N	52	6	7	22	227	27	31	99	2.1	5.3	120.7	3.3	1.4	A N	46432
465	4ACSR	25.2	12.5	0.0	A N	28	3	4	3	28	3	4	99	0.1	5.4	120.6	0.0	-0.3	A N	465
466	4ACSR	22.5	12.5	0.0	A N	10	1	1	14	143	16	20	99	0.7	6.0	120.0	0.8	0.2	A N	466
4661	4ACSR	28.4	12.5	0.0	A N	5	1	1	0	5	0	1	100	0.0	6.1	119.9	0.0	-0.3	A N	4661
4662	4ACSR	28.1	12.5	0.0	A N	99	12	14	13	128	15	18	99	0.6	6.6	119.4	0.5	0.0	A N	4662
4663	4ACSR	32.5	12.5	0.0	A N	4	0	1	0	4	0	1	100	0.0	6.6	119.4	0.0	-0.2	A N	4663
4664	4ACSR	32.8	12.5	0.0	A N	25	3	4	3	25	3	4	99	0.1	6.7	119.3	0.0	-0.2	A N	4664

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********** Load-Flow Results For Mt. Sterling Ckt 2 **********
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Mt. Sterling Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1696	-115	38	-100			126.0			ABCN	Feeder
477	336ACSR	1.3	24.9	0.0	ABCN	11	2	0	7	1696	-115	38	-100	0.0	0.0	126.0	0.3	-0.4	ABCN	477
4770	4/0ACSR	5.3	24.9	0.0	ABCN	25	4	1	11	1660	-119	37	-100	0.1	0.1	125.9	1.8	-1.0	ABCN	4770
503	4/0ACSR	11.4	24.9	0.0	ABCN	52	8	1	10	1580	-126	35	-100	0.2	0.3	125.7	2.4	-1.8	ABCN	503
5031	4/0ACSR	16.8	24.9	0.0	ABCN	40	-323	7	10	1526	-132	34	-100	0.2	0.5	125.5	2.1	-1.7	ABCN	5031
Capacitor (Wye-Gnd Connected) at Center of Section 5031																				
	ABCN : Nominal = 300 kvar					Actual = 329 kvar														
512	1/0ACSR	17.8	24.9	0.0	ABCN	32	5	1	12	1278	172	29	99	0.1	0.5	125.5	0.5	-0.4	ABCN	512
5122	1/0ACSR	19.7	24.9	0.0	ABCN	3	0	0	6	625	86	14	99	0.1	0.6	125.4	0.2	-1.2	ABCN	5122
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 5121																				
	A N : Tap = 0 NEUTRAL																			
Regulator			19.7	24.9	0.0	A N				42	622	86	42	99	0.0	0.6	125.2	0.0	0.0	A N	Regulator
5121	4ACSR	22.3	24.9	0.0	A N	94	14	6	30	622	86	42	99	0.5	1.1	124.9	2.1	0.6	A N	5121
511	4ACSR	27.7	24.9	0.0	A N	100	15	7	25	512	70	35	99	0.8	1.9	124.1	2.8	0.4	A N	511
5100	6ACWC	30.4	24.9	0.0	A N	119	18	8	7	153	20	10	99	0.1	2.0	124.0	0.1	-0.5	A N	5100
510	6ACWC	31.9	24.9	0.0	A N	0	0	0	2	34	3	2	100	0.0	2.0	124.0	0.0	-0.3	A N	510
507	6ACWC	37.2	24.9	0.0	A N	12	2	1	1	12	1	1	100	0.0	2.0	124.0	0.0	-1.0	A N	507
517	6ACWC	37.4	24.9	0.0	A N	22	3	1	1	22	2	1	99	0.0	2.0	124.0	0.0	-1.1	A N	517
520	6ACWC	33.0	24.9	0.0	A N	108	16	7	12	256	35	17	99	0.3	2.2	123.8	0.5	-0.7	A N	520
5200	6ACWC	37.2	24.9	0.0	A N	39	6	3	2	39	5	3	99	0.0	2.2	123.8	0.0	-0.8	A N	5200
5201	6ACWC	39.5	24.9	0.0	A N	108	15	7	5	108	14	7	99	0.1	2.3	123.7	0.1	-1.2	A N	5201
5123	4ACSR	28.3	24.9	0.0	A N	13	2	1	1	13	1	1	100	0.0	1.1	124.9	0.0	-1.2	A N	5123
5216	336ACSR	18.5	24.9	0.0	A N	0	0	0	8	620	82	42	99	0.0	0.6	125.4	0.1	0.1	A N	5216
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5216																				
	A N : Tap = 0 NEUTRAL																			
Regulator			18.5	24.9	0.0	A N				42	620	82	42	99	0.0	0.6	125.2	0.0	0.0	A N	Regulator
5120	4ACSR	23.2	24.9	0.0	A N	75	11	5	4	75	10	5	99	0.1	0.7	125.3	0.0	-0.9	A N	5120
521	336ACSR	23.4	24.9	0.0	A N	113	13	8	7	545	72	37	99	0.2	0.8	125.2	0.5	-0.1	A N	521
5211	6ACWC	24.6	24.9	0.0	A N	11	2	1	18	378	52	25	99	0.1	0.9	125.1	0.3	-0.0	A N	5211
5213	6ACWC	26.6	24.9	0.0	A N	31	5	2	17	348	47	23	99	0.2	1.1	124.9	0.5	-0.1	A N	5213
5215	6ACWC	30.4	24.9	0.0	A N	104	16	7	13	260	35	18	99	0.2	1.3	124.7	0.4	-0.5	A N	5215
543	4ACSR	33.8	24.9	0.0	A N	28	3	2	1	28	2	2	100	0.0	1.3	124.7	0.0	-0.7	A N	543
5433	4ACSR	31.1	24.9	0.0	A N	0	0	0	6	129	17	9	99	0.0	1.3	124.7	0.0	-0.1	A N	5433
5430	4ACSR	34.9	24.9	0.0	A N	38	6	3	2	38	5	3	99	0.0	1.4	124.6	0.0	-0.7	A N	5430
5431	4ACSR	37.6	24.9	0.0	A N	90	14	6	4	90	12	6	99	0.1	1.4	124.6	0.1	-1.3	A N	5431
5432	4ACSR	37.7	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.4	124.6	0.0	-0.0	A N	5432
5214	4ACSR	28.9	24.9	0.0	A N	57	9	4	3	57	8	4	99	0.0	1.1	124.9	0.0	-0.5	A N	5214
5212	6ACWC	26.5	24.9	0.0	A N	19	3	1	1	19	2	1	99	0.0	0.9	125.1	0.0	-0.4	A N	5212
5210	6ACWC	26.1	24.9	0.0	A N	54	8	4	3	54	8	4	99	0.0	0.8	125.2	0.0	-0.5	A N	5210
513	1/0ACSR	21.6	24.9	0.0	ABCN	40	6	1	2	206	20	5	100	0.0	0.5	125.5	0.1	-3.6	ABCN	513
523	1/0ACSR	27.6	24.9	0.0	ABCN	91	14	2	1	91	9	2	99	0.0	0.5	125.5	0.0	-4.5	ABCN	523
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 523																				
	ABCN : Tap = 0 NEUTRAL																			
Regulator			27.6	24.9	0.0	ABCN				0	0	0	0	0	0.0	0.5	125.2	0.0	0.0	ABCN	Regulator
514	4ACSR	27.0	24.9	0.0	A N	33	5	2	4	75	8	5	99	0.1	0.7	125.3	0.0	-1.1	A N	514
515	4ACSR	32.3	24.9	0.0	A N	23	4	2	1	23	2	2	99	0.0	0.7	125.3	0.0	-1.1	A N	515
516	4ACSR	33.7	24.9	0.0	A N	18	3	1	1	18	1	1	100	0.0	0.7	125.3	0.0	-1.4	A N	516
500	4ACSR	10.0	24.9	0.0	A N	0	0	0	3	53	5	4	100	0.1	0.2	125.8	0.0	-0.9	A N	500
5002	4ACSR	15.5	24.9	0.0	A N	13	2	1	1	13	1	1	100	0.0	0.2	125.8	0.0	-1.1	A N	5002
5001	4ACSR	16.2	24.9	0.0	A N	39	6	3	2	40	5	3	99	0.0	0.3	125.7	0.0	-1.3	A N	5001
478	4ACSR	5.6	24.9	0.0	A N	25	4	2	1	25	3	2	99	0.0	0.0	126.0	0.0	-0.9	A N	478

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********** Load-Flow Results For Mt. Sterling Ckt 3 **********
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Mt. Sterling Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1377	149	61	99			126.0			ABCN	Feeder
476	336ACSR	1.3	12.5	0.0	ABCN	44	4	2	12	1377	149	61	99	0.1	0.1	125.9	0.8	1.4	ABCN	476
47600	1/0ACSR	6.1	12.5	0.0	ABCN	82	8	4	26	1332	144	59	99	1.0	1.1	124.9	10.1	6.7	ABCN	47600
47601	1/0ACSR	9.6	12.5	0.0	ABCN	17	2	1	24	1239	129	55	99	0.7	1.9	124.1	6.6	4.4	ABCN	47601
501	1/0ACSR	14.2	12.5	0.0	ABCN	2	0	0	23	1194	121	54	99	0.9	2.8	123.2	8.5	5.5	ABCN	501
504	1/0ACSR	19.6	12.5	0.0	ABCN	21	2	1	18	932	91	42	100	0.8	3.6	122.4	6.0	3.5	ABCN	504
50400	1/0ACSR	24.5	12.5	0.0	ABCN	48	4	2	18	905	86	41	100	0.7	4.4	121.6	5.1	2.9	ABCN	50400
506	1/0ACSR	26.4	12.5	0.0	ABCN	15	1	1	14	703	64	32	100	0.2	4.6	121.4	1.2	0.6	ABCN	506
50600	1/0ACSR	27.7	12.5	0.0	ABCN	14	1	1	14	687	62	32	100	0.2	4.8	121.2	0.8	0.4	ABCN	50600
540	1/0ACSR	31.0	12.5	0.0	ABCN	14	1	1	13	672	60	31	100	0.4	5.1	120.9	2.0	0.9	ABCN	540
54000	4ACSR	34.3	12.5	0.0	A N	97	9	14	10	98	9	14	100	0.2	5.6	120.4	0.2	-0.1	A N	54000
54001	1/0ACSR	36.5	12.5	0.0	ABCN	135	13	6	11	558	49	26	100	0.5	5.6	120.4	2.0	0.6	ABCN	54001
537	1/0ACSR	41.0	12.5	0.0	ABCN	153	9	7	8	421	35	20	100	0.3	5.9	120.1	0.9	0.0	ABCN	537
307	4ACSR	45.8	12.5	0.0	A N	29	3	4	9	88	8	12	100	0.5	6.9	119.1	0.3	-0.1	A N	307
30700	4ACSR	50.3	12.5	0.0	A N	23	2	3	6	58	5	8	100	0.3	7.2	118.8	0.1	-0.1	A N	30700
277	6ACWC	56.0	12.5	0.0	A N	35	3	5	4	35	3	5	100	0.1	7.3	118.7	0.0	-0.2	A N	277
31400	4ACSR	44.2	12.5	0.0	A N	37	3	5	18	178	16	25	100	0.7	7.1	118.9	0.9	0.3	A N	31400
314	4ACSR	46.7	12.5	0.0	A N	49	5	7	9	88	8	12	100	0.2	7.3	118.7	0.1	-0.0	A N	314
3141	4ACSR	47.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	7.3	118.7	0.0	-0.0	A N	3141
330	4ACSR	55.0	12.5	0.0	A N	39	4	5	4	39	3	5	100	0.2	7.5	118.5	0.1	-0.3	A N	330
31401	4ACSR	48.9	12.5	0.0	A N	52	5	7	5	52	5	7	100	0.2	7.3	118.7	0.1	-0.2	A N	31401
505	4ACSR	27.4	12.5	0.0	A N	37	4	5	15	149	14	21	100	0.5	5.1	120.9	0.5	0.1	A N	505
246	4ACSR	33.1	12.5	0.0	A N	92	9	13	11	111	10	15	100	0.5	5.5	120.5	0.4	-0.1	A N	246
24600	4ACSR	38.5	12.5	0.0	A N	19	2	3	2	19	2	3	100	0.1	5.6	120.4	0.0	-0.2	A N	24600
2451	4ACSR	19.8	12.5	0.0	A N	32	3	4	24	250	24	34	100	1.7	4.6	121.4	3.1	1.3	A N	2451
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2451																				
A N : Tap = 6 RAISE																				
Regulator		19.8	12.5	0.0	A N				30	215	20	30	100	-4.6	0.0	126.0	0.0	0.0	A N	Regulator
24500	4ACSR	27.4	12.5	0.0	A N	62	6	8	20	215	20	29	100	1.7	1.7	124.3	2.5	0.9	A N	24500
244	4ACSR	34.1	12.5	0.0	A N	39	4	5	14	150	13	20	100	1.1	2.8	123.2	1.1	0.3	A N	244
255	4ACSR	41.3	12.5	0.0	A N	47	4	6	7	71	6	10	100	0.4	3.2	122.8	0.2	-0.2	A N	255
256	4ACSR	46.1	12.5	0.0	A N	16	2	2	2	24	2	3	100	0.1	3.3	122.7	0.0	-0.2	A N	256
25600	4ACSR	51.6	12.5	0.0	A N	8	1	1	1	8	0	1	100	0.0	3.4	122.6	0.0	-0.3	A N	25600
243	4ACSR	40.7	12.5	0.0	A N	39	4	5	4	39	3	5	100	0.2	3.0	123.0	0.0	-0.3	A N	243
502	4ACSR	17.1	12.5	0.0	A N	22	2	3	2	22	2	3	100	0.1	2.1	123.9	0.0	-0.4	A N	502

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********** Load-Flow Results For Reid Village Ckt 1 **********
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Reid Village Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1555	395	71	97			126.0			ABCN	Feeder
	46043	336ACSR	0.2	12.5	0.0	ABCN	0	0	0	13	1555	395	71	97	0.0	0.0	126.0	0.2	0.4	ABCN	46043
	46042	4ACSR	0.3	12.5	0.0	ABCN	0	0	0	51	1555	395	71	97	0.1	0.1	125.9	0.9	0.3	ABCN	46042
	227	4ACSR	3.0	12.5	0.0	ABCN	6	2	0	42	1306	332	59	97	1.3	1.4	124.6	13.5	4.0	ABCN	227
	2272	4ACSR	6.8	12.5	0.0	ABCN	59	15	3	36	1105	279	51	97	1.6	3.0	123.0	13.6	3.9	ABCN	2272
	2273	4ACSR	9.1	12.5	0.0	ABCN	119	31	6	34	1032	260	48	97	0.9	3.9	122.1	7.2	2.0	ABCN	2273
	226	4ACSR	11.6	12.5	0.0	ABCN	3	1	0	29	862	217	40	97	0.8	4.8	121.2	5.8	1.5	ABCN	226
	2261	4ACSR	13.1	12.5	0.0	ABCN	16	4	1	26	772	194	36	97	0.5	5.3	120.7	3.0	0.7	ABCN	2261
	225	4ACSR	13.9	12.5	0.0	AB N	21	5	1	30	585	145	42	97	0.3	5.6	120.4	1.4	0.5	AB N	225
	2252	4ACSR	17.8	12.5	0.0	AB N	32	8	2	26	518	128	37	97	1.3	6.9	119.1	5.1	1.8	AB N	2252
	2253	4ACSR	21.5	12.5	0.0	AB N	48	13	4	25	481	118	35	97	1.1	8.0	118.0	4.1	1.4	AB N	2253
L	222	4ACSR	24.5	12.5	0.0	AB N	50	8	4	15	283	67	21	97	0.5	8.5	117.5	1.1	0.2	AB N	222
L	2221	4ACSR	31.9	12.5	0.0	A N	125	33	19	13	126	33	19	97	0.7	10.1	115.9	0.7	0.0	A N	2221
L	2222	4ACSR	27.5	12.5	0.0	AB N	-0	0	0	5	104	26	8	97	0.2	8.7	117.3	0.2	-0.2	AB N	2222
L	230	4ACSR	32.7	12.5	0.0	AB N	36	9	3	5	104	26	8	97	0.3	9.0	117.0	0.2	-0.4	AB N	230
L	2301	4ACSR	37.2	12.5	0.0	AB N	67	17	5	4	67	17	5	97	0.1	9.0	117.0	0.1	-0.4	AB N	2301
L	223	4ACSR	26.5	12.5	0.0	A N	75	20	11	15	145	37	21	97	0.8	9.5	116.5	0.7	0.2	A N	223
L	2231	2ACSR	33.3	12.5	0.0	A N	68	18	10	6	68	18	10	97	0.2	9.8	116.2	0.1	-0.2	A N	2231
	2251	4ACSR	22.1	12.5	0.0	A N	44	12	6	5	44	11	6	97	0.3	6.1	119.9	0.1	-0.3	A N	2251
	224	4ACSR	18.2	12.5	0.0	A N	101	26	15	17	167	43	24	97	0.8	6.3	119.7	0.9	0.2	A N	224
	2241	4ACSR	25.2	12.5	0.0	A N	65	17	9	7	65	17	9	97	0.3	6.7	119.3	0.2	-0.2	A N	2241
	2262	4ACSR	16.2	12.5	0.0	A N	81	21	11	8	81	21	11	97	0.3	5.3	120.7	0.2	-0.1	A N	2262
	212	4ACSR	14.1	12.5	0.0	ABCN	29	8	1	1	44	10	2	98	0.1	4.0	122.0	0.0	-0.8	ABCN	212
	2121	4ACSR	20.7	12.5	0.0	ABCN	15	4	1	0	15	3	1	98	0.0	4.0	122.0	0.0	-1.1	ABCN	2121
	2271	4ACSR	8.4	12.5	0.0	A N	181	47	25	18	182	47	25	97	0.7	2.1	123.9	0.9	0.2	A N	2271
	455	4ACSR	4.8	12.5	0.0	A N	59	13	8	24	248	63	34	97	1.3	1.4	124.6	2.1	0.9	A N	455
	4551	4ACSR	8.7	12.5	0.0	A N	4	1	1	18	187	49	26	97	1.0	2.4	123.6	1.3	0.5	A N	4551
	4553	4ACSR	11.1	12.5	0.0	A N	3	1	0	0	3	1	0	98	0.0	2.4	123.6	0.0	-0.1	A N	4553
	4552	4ACSR	15.0	12.5	0.0	A N	178	46	25	18	179	47	25	97	0.8	3.1	122.9	1.0	0.2	A N	4552

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********** Load-Flow Results For Reid Village Ckt 2 **********
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Reid Village Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1198	-3	53	-100			126.0			ABCN	Feeder
46044	336ACSR	0.2	12.5	0.0	ABCN	-0	-0	0	10	1198	-3	53	-100	0.0	0.0	126.0	0.1	0.2	ABCN	46044
46045	336ACSR	0.4	12.5	0.0	ABCN	-0	0	0	10	1197	-3	53	-100	0.0	0.0	126.0	0.1	0.1	ABCN	46045
4604	4ACSR	2.1	12.5	0.0	ABCN	106	30	5	38	1197	-3	53	-100	0.7	0.7	125.3	6.3	1.8	ABCN	4604
4601	4ACSR	2.8	12.5	0.0	ABCN	23	7	1	32	994	-61	44	-100	0.3	1.0	125.0	2.0	0.5	ABCN	4601
460	4ACSR	3.5	12.5	0.0	ABCN	76	10	3	19	577	-179	27	-96	0.1	1.1	124.9	0.7	0.1	ABCN	460
4615	1/0ACSR	3.6	12.5	0.0	ABCN	3	1	0	7	209	-267	15	-62	0.0	1.1	124.9	0.0	-0.0	ABCN	4615
46146	1/0ACSR	5.6	12.5	0.0	ABCN	-0	-325	14	6	195	-271	15	-58	0.0	1.1	124.9	0.2	-0.2	ABCN	46146
Capacitor (Wye-Gnd Connected) at Center of Section 46146																				
	ABCN : Nominal = 300 kvar						Actual = 325 kvar													
4614	1/0ACSR	7.5	12.5	0.0	ABCN	30	9	1	3	130	36	6	96	0.0	1.2	124.8	0.0	-0.3	ABCN	4614
46142	336ACSR	8.2	12.5	0.0	ABCN	0	0	0	1	100	28	5	96	0.0	1.2	124.8	0.0	-0.1	ABCN	46142
4612	1/0EPR	10.9	12.5	0.0	A N	66	19	9	6	86	24	12	96	0.4	1.7	124.3	0.2	0.1	A N	4612
4613	1/0EPR	12.1	12.5	0.0	A N	19	5	3	1	19	5	3	96	0.0	1.8	124.2	0.0	-0.1	A N	4613
46141	336ACSR	8.5	12.5	0.0	ABCN	14	4	1	0	14	4	1	96	0.0	1.2	124.8	0.0	-0.1	ABCN	46141
46143	1/0ACSR	7.3	12.5	0.0	ABCN	7	2	0	1	65	18	3	96	0.0	1.1	124.9	0.0	-0.3	ABCN	46143
46144	1/0EPR	7.4	12.5	0.0	ABCN	-0	-0	0	1	58	16	3	96	0.0	1.1	124.9	0.0	-0.0	ABCN	46144
46145	1/0ACSR	8.1	12.5	0.0	ABCN	58	16	3	1	58	16	3	96	0.0	1.1	124.9	0.0	-0.1	ABCN	46145
4616	1/0EPR	5.3	12.5	0.0	A N	12	3	2	1	12	3	2	96	0.0	1.2	124.8	0.0	-0.1	A N	4616
457	4ACSR	6.1	12.5	0.0	ABCN	42	12	2	10	291	78	13	97	0.3	1.4	124.6	0.6	-0.2	ABCN	457
4571	4ACSR	7.4	12.5	0.0	ABCN	6	2	0	7	200	53	9	97	0.1	1.5	124.5	0.2	-0.2	ABCN	4571
4579	4ACSR	7.6	12.5	0.0	ABCN	8	2	0	4	110	31	5	96	0.0	1.5	124.5	0.0	-0.0	ABCN	4579
45792	1/0EPR	10.0	12.5	0.0	A N	7	2	1	0	7	2	1	97	0.0	1.7	124.3	0.0	-0.1	A N	45792
45793	4ACSR	7.9	12.5	0.0	ABCN	-0	-0	0	3	96	27	4	96	0.0	1.5	124.5	0.0	-0.0	ABCN	45793
4575	4ACSR	8.1	12.5	0.0	A N	0	0	0	9	90	25	13	96	0.0	1.7	124.3	0.0	-0.0	A N	4575
4574	4ACSR	9.9	12.5	0.0	A N	37	10	5	4	37	10	5	96	0.0	1.7	124.3	0.0	-0.1	A N	4574
4576	4ACSR	8.7	12.5	0.0	A N	0	0	0	5	53	15	7	96	0.0	1.7	124.3	0.0	-0.0	A N	4576
4577	1/0EPR	10.6	12.5	0.0	A N	23	7	3	2	23	7	3	96	0.1	1.8	124.2	0.0	-0.1	A N	4577
4578	1/0EPR	10.6	12.5	0.0	A N	30	9	4	2	30	8	4	96	0.1	1.8	124.2	0.0	-0.1	A N	4578
45791	1/0EPR	10.9	12.5	0.0	A N	5	2	1	0	5	1	1	97	0.0	1.7	124.3	0.0	-0.2	A N	45791
4573	4ACSR	9.5	12.5	0.0	A N	84	21	12	8	84	21	12	97	0.1	1.7	124.3	0.1	-0.1	A N	4573
4572	4ACSR	9.0	12.5	0.0	A N	48	14	7	5	48	13	7	96	0.1	1.6	124.4	0.0	-0.1	A N	4572
4602	4ACSR	4.4	12.5	0.0	ABCN	109	31	5	13	392	111	18	96	0.2	1.2	124.8	0.6	-0.0	ABCN	4602
4608	4ACSR	6.6	12.5	0.0	ABCN	0	0	0	9	283	80	13	96	0.2	1.4	124.6	0.6	-0.2	ABCN	4608
4605	4ACSR	8.4	12.5	0.0	A N	86	24	12	9	86	24	12	96	0.1	1.7	124.3	0.1	-0.1	A N	4605
4606	4ACSR	7.9	12.5	0.0	A N	97	27	14	19	196	55	27	96	0.2	1.8	124.2	0.3	0.1	A N	4606
4607	4ACSR	10.9	12.5	0.0	A N	99	28	14	10	99	28	14	96	0.2	2.0	124.0	0.2	-0.1	A N	4607
4603	4ACSR	4.0	12.5	0.0	A N	90	26	13	9	91	26	13	96	0.1	0.9	125.1	0.1	-0.1	A N	4603

********** Load-Flow Results For Sand Lick Ckt 1 **********

Sand Lick Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					0	-3	0	0			126.0			ABCN	Feeder
H	1016	4ACSR	7.1	12.5	0.0	ABCN	0	0	0	0	0	-3	0	0	-0.0	-0.0	126.0	0.0	-1.3	ABCN	1016
H	10161	2ACSR	12.3	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	-0.0	126.0	0.0	-1.0	ABCN	10161
H	778	2ACSR	16.5	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.8	ABCN	778

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********** Load-Flow Results For Sand Lick Ckt 2 **********
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Sand Lick Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3	13	1	23			126.0			ABCN	Feeder
1015	2ACSR	3.6	12.5	0.0	ABCN	-0	0	0	0	3	13	1	23	0.0	0.0	126.0	0.0	-0.7	ABCN	1015
10151	2ACSR	9.2	12.5	0.0	ABCN	0	0	0	0	3	13	1	22	0.0	0.0	126.0	0.0	-1.0	ABCN	10151
780	2ACSR	13.8	12.5	0.0	ABCN	0	0	0	0	3	13	1	20	0.0	0.0	126.0	0.0	-0.8	ABCN	780
1014	4ACSR	17.5	12.5	0.0	A N	0	1	0	0	0	1	0	23	0.0	0.0	126.0	0.0	-0.2	A N	1014
781	4ACSR	18.1	12.5	0.0	A N	2	10	1	1	3	13	2	18	0.0	0.1	125.9	0.0	-0.2	A N	781
782	4ACSR	23.1	12.5	0.0	A N	0	0	0	0	1	4	1	22	0.0	0.1	125.9	0.0	-0.3	A N	782
7821	4ACSR	28.2	12.5	0.0	A N	0	0	0	0	1	4	1	20	0.0	0.1	125.9	0.0	-0.3	A N	7821
7822	4ACSR	35.6	12.5	0.0	A N	1	4	1	0	1	4	0	18	0.0	0.1	125.9	0.0	-0.4	A N	7822
7823	4ACSR	34.4	12.5	0.0	A N	0	1	0	0	0	1	0	26	0.0	0.1	125.9	0.0	-0.3	A N	7823
783	2ACSR	12.5	12.5	0.0	ABCN	0	1	0	0	0	1	0	26	0.0	0.0	126.0	0.0	-0.6	ABCN	783
1012	4ACSR	13.0	12.5	0.0	A N	0	1	0	0	0	1	0	19	0.0	0.0	126.0	0.0	-0.0	A N	1012
10121	4ACSR	16.3	12.5	0.0	A N	0	1	0	0	0	0	0	24	0.0	0.0	126.0	0.0	-0.2	A N	10121

********** Load-Flow Results For Sideview Ckt 1 **********

Sideview Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1529	312	34	98			126.0			ABCN	Feeder
162	1/0ACSR	7.7	24.9	0.0	ABCN	51	12	1	15	1529	312	34	98	0.5	0.5	125.5	5.6	-1.6	ABCN	162
157	1/0ACSR	11.2	24.9	0.0	ABCN	21	5	0	13	1323	272	30	98	0.2	0.7	125.3	2.0	-1.2	ABCN	157
160	1/0ACSR	15.5	24.9	0.0	ABCN	22	5	0	12	1198	245	27	98	0.2	1.0	125.0	2.0	-1.8	ABCN	160
133	1/0ACSR	20.4	24.9	0.0	ABCN	41	10	1	10	1027	211	23	98	0.2	1.2	124.8	1.7	-2.5	ABCN	133
1331	1/0ACSR	25.3	24.9	0.0	ABCN	66	16	2	10	985	204	22	98	0.2	1.4	124.6	1.5	-2.5	ABCN	1331
145	4ACSR	30.4	24.9	0.0	A N	29	7	2	25	504	102	34	98	0.8	2.3	123.7	3.1	0.6	A N	145
1451	4ACSR	33.3	24.9	0.0	A N	13	3	1	23	472	95	32	98	0.5	2.7	123.3	1.6	0.3	A N	1451
144	4ACSR	39.6	24.9	0.0	A N	18	4	1	23	457	91	32	98	0.9	3.7	122.3	3.2	0.5	A N	144
142	4ACSR	46.3	24.9	0.0	A N	10	3	1	20	394	78	27	98	0.9	4.6	121.4	2.6	0.1	A N	142
1412	4ACSR	50.7	24.9	0.0	A N	13	3	1	1	13	2	1	98	0.0	4.6	121.4	0.0	-0.8	A N	1412
141	4ACSR	51.8	24.9	0.0	A N	65	16	5	18	368	73	26	98	0.6	5.2	120.8	1.6	-0.2	A N	141
1411	4ACSR	56.8	24.9	0.0	A N	36	9	3	15	302	58	21	98	0.5	5.6	120.4	1.1	-0.4	A N	1411
137	4ACSR	58.9	24.9	0.0	A N	22	5	2	11	227	42	16	98	0.2	5.8	120.2	0.3	-0.3	A N	137
1378	4ACSR	67.7	24.9	0.0	A N	56	13	4	3	56	12	4	98	0.1	5.9	120.1	0.0	-1.6	A N	1378
1379	4ACSR	66.3	24.9	0.0	A N	13	3	1	7	149	25	10	99	0.4	6.2	119.8	0.4	-1.2	A N	1379
1371	4ACSR	71.2	24.9	0.0	A N	20	1	1	1	20	-0	1	-100	0.0	6.2	119.8	0.0	-0.9	A N	1371
1372	4ACSR	71.2	24.9	0.0	A N	11	3	1	6	116	23	8	98	0.2	6.3	119.7	0.2	-0.8	A N	1372
1373	4ACSR	75.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-32	-0.0	6.3	119.7	0.0	-0.8	A N	1373
1374	4ACSR	76.1	24.9	0.0	A N	21	5	2	5	104	22	7	98	0.2	6.5	119.5	0.1	-0.9	A N	1374
1375	4ACSR	79.2	24.9	0.0	A N	34	8	2	4	83	18	6	98	0.1	6.6	119.4	0.0	-0.5	A N	1375
1376	4ACSR	83.9	24.9	0.0	A N	12	3	1	1	12	2	1	99	0.0	6.6	119.4	0.0	-0.9	A N	1376
1377	4ACSR	83.3	24.9	0.0	A N	37	9	3	2	37	8	3	98	0.0	6.6	119.4	0.0	-0.8	A N	1377
140	4ACSR	65.0	24.9	0.0	A N	37	9	3	2	37	8	3	98	0.1	5.7	120.3	0.0	-1.5	A N	140
143	6ACWC	47.8	24.9	0.0	A N	41	10	3	2	41	8	3	98	0.1	3.7	122.3	0.0	-1.6	A N	143
146	4ACSR	28.7	24.9	0.0	A N	19	5	1	20	413	87	28	98	0.5	1.9	124.1	1.4	0.1	A N	146
147	4ACSR	32.4	24.9	0.0	A N	7	2	0	15	310	69	21	98	0.4	2.3	123.7	0.9	-0.3	A N	147
1471	4ACSR	38.1	24.9	0.0	A N	40	10	3	2	40	9	3	98	0.0	2.3	123.7	0.0	-1.1	A N	1471
1472	4ACSR	35.5	24.9	0.0	A N	38	9	3	13	262	59	18	98	0.3	2.6	123.4	0.5	-0.4	A N	1472
1501	4ACSR	37.0	24.9	0.0	A N	0	0	0	3	51	11	4	98	0.0	2.6	123.4	0.0	-0.3	A N	1501
150	4ACSR	42.1	24.9	0.0	A N	51	12	4	3	51	11	4	98	0.0	2.6	123.4	0.0	-1.0	A N	150
151	4ACSR	42.8	24.9	0.0	A N	118	29	8	9	172	39	12	98	0.3	2.8	123.2	0.3	-1.3	A N	151
1511	4ACSR	48.6	24.9	0.0	A N	54	13	4	3	54	12	4	98	0.1	2.9	123.1	0.0	-1.1	A N	1511
148	4ACSR	35.2	24.9	0.0	A N	4	1	0	4	83	14	6	99	0.2	2.1	123.9	0.1	-1.2	A N	148
1481	4ACSR	40.8	24.9	0.0	A N	26	6	2	4	79	14	5	98	0.1	2.2	123.8	0.1	-1.1	A N	1481
4222	4ACSR	41.1	24.9	0.0	A N	0	0	0	3	53	9	4	99	0.0	2.2	123.8	0.0	-0.1	A N	4222
422	4ACSR	45.2	24.9	0.0	A N	16	4	1	1	30	6	2	98	0.0	2.3	123.7	0.0	-0.8	A N	422
4221	4ACSR	49.2	24.9	0.0	A N	14	3	1	1	14	3	1	98	0.0	2.3	123.7	0.0	-0.8	A N	4221
417	4ACSR	47.1	24.9	0.0	A N	3	1	0	1	23	3	2	99	0.0	2.3	123.7	0.0	-1.2	A N	417
4171	4ACSR	52.9	24.9	0.0	A N	20	5	1	1	20	4	1	98	0.0	2.3	123.7	0.0	-1.1	A N	4171
152	4ACSR	18.4	24.9	0.0	A N	21	5	1	7	147	31	10	98	0.1	1.1	124.9	0.1	-0.5	A N	152
1521	4ACSR	22.3	24.9	0.0	A N	21	5	1	4	87	19	6	98	0.1	1.2	124.8	0.1	-0.8	A N	1521
1522	4ACSR	27.6	24.9	0.0	A N	66	16	5	3	66	15	5	98	0.1	1.3	124.7	0.0	-1.0	A N	1522
1523	4ACSR	23.6	24.9	0.0	A N	35	8	2	2	39	7	3	98	0.0	1.2	124.8	0.0	-1.0	A N	1523
1524	4ACSR	29.3	24.9	0.0	A N	4	1	0	0	4	-0	0	-100	0.0	1.2	124.8	0.0	-1.1	A N	1524
171	4ACSR	16.2	24.9	0.0	A N	55	13	4	5	102	23	7	98	0.1	0.9	125.1	0.1	-1.0	A N	171
1711	4ACSR	21.5	24.9	0.0	A N	46	11	3	2	46	10	3	98	0.0	0.9	125.1	0.0	-1.1	A N	1711
156	4ACSR	10.5	24.9	0.0	A N	74	18	5	7	150	29	10	98	0.1	0.7	125.3	0.1	-0.5	A N	156
1561	4ACSR	14.9	24.9	0.0	A N	11	3	1	4	76	12	5	99	0.1	0.8	125.2	0.1	-0.9	A N	1561
154	4ACSR	22.2	24.9	0.0	A N	21	5	1	1	30	4	2	99	0.0	0.8	125.2	0.0	-1.5	A N	154
1541	4ACSR	26.3	24.9	0.0	A N	7	2	0	0	7	1	0	99	0.0	0.8	125.2	0.0	-0.8	A N	1541
1542	4ACSR	27.7	24.9	0.0	A N	2	1	0	0	2	-1	0	-97	0.0	0.8	125.2	0.0	-1.1	A N	1542
155	4ACSR	20.2	24.9	0.0	A N	20	5	1	2	35	6	2	99	0.0	0.8	125.2	0.0	-1.1	A N	155
1551	4ACSR	23.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-27	-0.0	0.8	125.2	0.0	-0.7	A N	1551
1552	4ACSR	23.8	24.9	0.0	A N	15	4	1	1	15	3	1	98	0.0	0.8	125.2	0.0	-0.7	A N	1552

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********** Load-Flow Results For Sideview Ckt 2 **********
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Sideview Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1109	226	50	98			126.0			ABCN	Feeder
168	4/0ACSR	3.0	12.5	0.0	ABCN	11	0	0	15	1109	226	50	98	0.3	0.3	125.7	2.5	2.6	ABCN	168
170	4/0ACSR	6.9	12.5	0.0	ABCN	78	16	4	15	1096	224	49	98	0.4	0.8	125.2	3.0	3.2	ABCN	170
1701	4/0ACSR	13.7	12.5	0.0	ABCN	59	12	3	14	1015	205	46	98	0.7	1.5	124.5	4.5	4.6	ABCN	1701
169	4/0ACSR	15.2	12.5	0.0	ABCN	11	2	0	8	614	121	28	98	0.1	1.6	124.4	0.4	0.2	ABCN	169
161	1/0ACSR	20.5	12.5	0.0	ABCN	64	13	3	12	603	118	27	98	0.5	2.1	123.9	2.3	0.8	ABCN	161
1611	1/0ACSR	26.5	12.5	0.0	ABCN	22	4	1	11	536	105	25	98	0.6	2.7	123.3	2.2	0.6	ABCN	1611
1612	1/0ACSR	31.6	12.5	0.0	ABCN	12	2	1	10	513	100	24	98	0.5	3.2	122.8	1.7	0.4	ABCN	1612
432	4ACSR	37.9	12.5	0.0	A N	23	5	3	4	45	8	6	98	0.3	3.7	122.3	0.1	-0.3	A N	432
4321	4ACSR	43.2	12.5	0.0	A N	22	4	3	2	22	4	3	98	0.1	3.8	122.2	0.0	-0.3	A N	4321
423	1/0ACSR	35.9	12.5	0.0	ABCN	22	4	1	9	454	89	21	98	0.3	3.5	122.5	1.1	0.1	ABCN	423
424	1/0ACSR	40.3	12.5	0.0	ABCN	52	10	2	9	431	84	20	98	0.3	3.8	122.2	1.0	-0.0	ABCN	424
4241	1/0ACSR	45.6	12.5	0.0	ABCN	46	9	2	8	377	73	17	98	0.3	4.2	121.8	0.9	-0.2	ABCN	4241
420	4ACSR	53.4	12.5	0.0	A N	89	18	12	9	89	18	12	98	0.5	5.1	120.9	0.3	-0.2	A N	420
425	1/0ACSR	52.0	12.5	0.0	ABCN	60	12	3	5	241	46	11	98	0.3	4.4	121.6	0.4	-0.8	ABCN	425
426	1/0ACSR	58.8	12.5	0.0	ABCN	91	18	4	2	91	17	4	98	0.1	4.5	121.5	0.1	-1.1	ABCN	426
421	2ACSR	59.1	12.5	0.0	A N	87	17	12	7	89	17	12	98	0.3	5.3	120.7	0.2	-0.2	A N	421
4211	4ACSR	66.6	12.5	0.0	A N	2	0	0	0	2	0	0	100	0.0	5.3	120.7	0.0	-0.4	A N	4211
172	4ACSR	16.2	12.5	0.0	A N	116	23	16	33	338	67	46	98	0.9	2.5	123.5	2.1	1.0	A N	172
1721	4ACSR	18.6	12.5	0.0	A N	0	0	0	22	220	43	30	98	0.7	3.2	122.8	1.2	0.5	A N	1721
173	4ACSR	23.8	12.5	0.0	A N	25	5	3	15	152	30	21	98	1.0	4.2	121.8	1.0	0.3	A N	173
1731	4ACSR	27.7	12.5	0.0	A N	72	14	10	7	72	14	10	98	0.2	4.4	121.6	0.1	-0.1	A N	1731
1732	4ACSR	27.7	12.5	0.0	A N	51	10	7	5	53	10	7	98	0.1	4.3	121.7	0.1	-0.2	A N	1732
1733	4ACSR	38.1	12.5	0.0	A N	3	1	0	0	3	0	0	100	0.0	4.3	121.7	0.0	-0.5	A N	1733
177	4ACSR	23.2	12.5	0.0	A N	43	9	6	7	67	13	9	98	0.3	3.5	122.5	0.1	-0.2	A N	177
1771	4ACSR	27.7	12.5	0.0	A N	25	5	3	2	25	5	3	98	0.1	3.6	122.4	0.0	-0.2	A N	1771

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1349	267	61	98			126.0			ABCN	Feeder
167	4/0ACSR	2.7	12.5	0.0	ABCN	29	6	1	18	1349	267	61	98	0.4	0.4	125.6	3.3	3.8	ABCN	167
176	6ACWC	8.6	12.5	0.0	ABCN	112	22	5	42	1316	257	59	98	2.7	3.1	122.9	26.5	8.2	ABCN	176
202	6ACWC	11.3	12.5	0.0	ABCN	44	9	2	32	985	192	45	98	1.0	4.0	122.0	7.4	2.1	ABCN	202
Regulator	1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 202																			
	ABCN : Tap = 4 RAISE																			
Regulator		11.3	12.5	0.0	ABCN				43	933	181	43	98	-3.3	0.7	125.3	-0.0	-0.0	ABCN	Regulator
2021	4ACSR	16.1	12.5	0.0	A N	54	11	7	5	54	11	7	98	0.2	0.8	125.2	0.1	-0.2	A N	2021
2022	6ACWC	15.6	12.5	0.0	ABCN	49	10	2	28	879	170	40	98	1.3	2.1	123.9	8.9	2.3	ABCN	2022
2023	6ACWC	21.5	12.5	0.0	ABCN	50	10	2	27	821	158	37	98	1.7	3.8	122.2	10.7	2.7	ABCN	2023
203	6ACWC	23.9	12.5	0.0	ABCN	56	11	3	11	339	61	16	98	0.3	4.1	121.9	0.7	-0.1	ABCN	203
204	4ACSR	28.7	12.5	0.0	A N	61	12	9	28	282	49	39	99	1.6	5.8	120.2	3.2	1.4	A N	204
2041	4ACSR	32.0	12.5	0.0	A N	69	14	10	22	218	36	31	99	0.8	6.6	119.4	1.2	0.5	A N	2041
453	4ACSR	34.4	12.5	0.0	A N	148	22	21	15	148	22	21	99	0.2	6.8	119.2	0.3	0.0	A N	453
211	6ACWC	26.0	12.5	0.0	ABCN	67	13	3	14	422	84	20	98	0.7	4.4	121.6	2.1	0.0	ABCN	211
2111	6ACWC	29.9	12.5	0.0	ABCN	98	19	5	12	352	71	16	98	0.4	4.9	121.1	1.2	-0.2	ABCN	2111
208	4ACSR	34.5	12.5	0.0	A N	42	8	6	25	252	51	36	98	1.4	6.7	119.3	2.6	1.2	A N	208
2081	4ACSR	38.9	12.5	0.0	A N	206	41	30	21	207	41	30	98	0.6	7.3	118.7	1.0	0.3	A N	2081
201	4ACSR	14.2	12.5	0.0	A N	76	15	11	19	192	35	27	98	1.1	4.5	121.5	1.4	0.5	A N	201
2011	4ACSR	17.6	12.5	0.0	A N	4	1	1	11	115	19	16	99	0.5	5.0	121.0	0.4	0.1	A N	2011
2012	4ACSR	20.7	12.5	0.0	A N	52	8	7	5	52	8	7	99	0.1	5.1	120.9	0.0	-0.1	A N	2012
2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	6	59	11	8	98	0.2	5.2	120.8	0.1	-0.1	A N	2013
207	4ACSR	28.3	12.5	0.0	A N	35	7	5	6	59	11	8	98	0.4	5.7	120.3	0.2	-0.3	A N	207
210	4ACSR	35.4	12.5	0.0	A N	24	5	3	2	24	4	3	98	0.1	5.8	120.2	0.0	-0.3	A N	210

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********** Load-Flow Results For Sideview Ckt 4 **********
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Sideview Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1294	267	58	98			126.0			ABCN	Feeder
	166	4/0ACSR	5.6	12.5	0.0	ABCN	10	2	0	17	1294	267	58	98	0.8	0.8	125.2	6.4	7.2	ABCN	166
	1661	4/0ACSR	10.2	12.5	0.0	ABCN	32	6	1	17	1277	257	58	98	0.6	1.4	124.6	5.0	5.6	ABCN	1661
	165	4/0ACSR	15.3	12.5	0.0	ABCN	25	5	1	12	874	171	40	98	0.5	1.8	124.2	2.6	2.4	ABCN	165
	1651	4/0ACSR	19.0	12.5	0.0	ABCN	4	1	0	11	847	164	39	98	0.3	2.1	123.9	1.9	1.7	ABCN	1651
	164	1/0ACSR	23.0	12.5	0.0	ABCN	7	1	0	6	297	55	14	98	0.2	2.4	123.6	0.5	-0.4	ABCN	164
	158	4ACSR	29.3	12.5	0.0	A N	15	3	2	1	15	3	2	98	0.1	2.5	123.5	0.0	-0.3	A N	158
	163	1/0ACSR	29.9	12.5	0.0	ABCN	40	8	2	5	275	52	13	98	0.3	2.7	123.3	0.6	-0.8	ABCN	163
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 163																				
		ABCN : Tap = 3				RAISE															
	Regulator		29.9	12.5	0.0	ABCN				11	235	45	11	98	-2.3	0.4	125.6	0.0	-0.0	ABCN	Regulator
	1631	1/0ACSR	31.2	12.5	0.0	ABCN	4	1	0	5	235	45	11	98	0.1	0.4	125.6	0.1	-0.2	ABCN	1631
	24	6ACWC	34.7	12.5	0.0	ABCN	2	0	0	0	2	-0	0	-100	0.0	0.4	125.6	0.0	-0.6	ABCN	24
	5	4ACSR	39.0	12.5	0.0	A N	67	13	9	22	229	44	31	98	2.0	2.5	123.5	2.9	1.2	A N	5
	4	4ACSR	41.1	12.5	0.0	A N	39	8	5	12	122	23	17	98	0.3	2.8	123.2	0.2	0.0	A N	4
	2	4ACSR	45.8	12.5	0.0	A N	20	4	3	6	56	11	8	98	0.3	3.1	122.9	0.1	-0.2	A N	2
	2112	4ACSR	51.5	12.5	0.0	A N	36	7	5	4	36	7	5	98	0.1	3.2	122.8	0.0	-0.3	A N	2112
	6	4ACSR	45.8	12.5	0.0	A N	27	5	4	3	27	5	4	98	0.1	2.9	123.1	0.0	-0.2	A N	6
	3	2ACSR	43.6	12.5	0.0	A N	15	3	2	3	36	7	5	98	0.1	2.6	123.4	0.0	-0.2	A N	3
	3111	2ACSR	48.3	12.5	0.0	A N	17	3	2	2	22	4	3	98	0.1	2.7	123.3	0.0	-0.2	A N	3111
	3112	4ACSR	52.8	12.5	0.0	A N	5	1	1	0	5	1	1	99	0.0	2.7	123.3	0.0	-0.2	A N	3112
	174	4ACSR	25.0	12.5	0.0	ABCN	34	7	2	18	544	106	25	98	1.2	3.4	122.6	5.1	0.7	ABCN	174
	1741	4ACSR	31.0	12.5	0.0	ABCN	57	11	3	17	505	98	23	98	1.1	4.5	121.5	4.3	0.4	ABCN	1741
	17411	336ACSR	33.6	12.5	0.0	ABCN	55	11	3	3	347	68	16	98	0.1	4.5	121.5	0.1	-0.3	ABCN	17411
	1743	4ACSR	37.0	12.5	0.0	ABCN	13	3	1	10	292	58	14	98	0.4	4.9	121.1	0.9	-0.3	ABCN	1743
	213	4ACSR	39.1	12.5	0.0	ABCN	27	5	1	9	274	55	13	98	0.2	5.1	120.9	0.5	-0.2	ABCN	213
	2131	4ACSR	39.9	12.5	0.0	ABCN	1	0	0	8	235	48	11	98	0.1	5.2	120.8	0.1	-0.1	ABCN	2131
	215	4ACSR	45.1	12.5	0.0	A N	24	5	3	24	233	47	33	98	1.5	7.1	118.9	2.7	1.2	A N	215
L	217	4ACSR	52.0	12.5	0.0	A N	16	3	2	21	206	41	29	98	1.9	9.0	117.0	3.0	1.2	A N	217
L	2171	4ACSR	57.8	12.5	0.0	A N	26	5	4	19	187	37	27	98	1.4	10.4	115.6	2.0	0.8	A N	2171
L	220	4ACSR	63.7	12.5	0.0	A N	107	21	16	11	107	21	16	98	0.4	10.9	115.1	0.4	-0.0	A N	220
L	221	4ACSR	62.2	12.5	0.0	A N	42	8	6	5	52	10	8	98	0.2	10.6	115.4	0.1	-0.2	A N	221
L	2211	4ACSR	66.3	12.5	0.0	A N	10	2	1	1	10	2	1	98	0.0	10.7	115.3	0.0	-0.2	A N	2211
	214	4ACSR	44.5	12.5	0.0	A N	11	2	2	1	11	2	2	99	0.0	5.6	120.4	0.0	-0.3	A N	214
	218	4ACSR	42.4	12.5	0.0	A N	4	1	1	0	4	1	1	99	0.0	5.3	120.7	0.0	-0.3	A N	218
	1742	4ACSR	38.2	12.5	0.0	ABCN	96	19	5	3	97	18	5	98	0.1	4.6	121.4	0.4	-1.0	ABCN	1742
	175	4ACSR	15.7	12.5	0.0	A N	49	10	7	36	366	75	50	98	2.5	3.9	122.1	6.4	3.1	A N	175
	200	4ACSR	22.3	12.5	0.0	A N	42	8	6	31	311	62	43	98	2.6	6.4	119.6	5.7	2.7	A N	200
	2001	4ACSR	29.3	12.5	0.0	A N	99	20	14	10	100	19	14	98	0.5	6.9	119.1	0.4	-0.1	A N	2001
	2002	4ACSR	23.3	12.5	0.0	A N	5	1	1	16	163	31	23	98	0.2	6.6	119.4	0.3	0.1	A N	2002
	206	4ACSR	27.1	12.5	0.0	A N	24	5	3	3	28	5	4	98	0.1	6.7	119.3	0.0	-0.2	A N	206
	2061	4ACSR	32.9	12.5	0.0	A N	5	1	1	0	5	1	1	99	0.0	6.7	119.3	0.0	-0.3	A N	2061
	2162	4ACSR	27.8	12.5	0.0	A N	18	4	3	13	129	25	18	98	0.7	7.4	118.6	0.7	0.2	A N	2162
	2161	4ACSR	31.3	12.5	0.0	A N	69	14	10	11	110	22	16	98	0.4	7.7	118.3	0.3	-0.0	A N	2161
	216	4ACSR	34.3	12.5	0.0	A N	41	8	6	4	41	8	6	98	0.1	7.8	118.2	0.0	-0.1	A N	216

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********** Load-Flow Results For Stanton Ckt 1 **********
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Stanton Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1848	205	82	99			126.0			ABCN	Feeder
620	336ACSR	0.4	12.5	0.0	ABCN	2	2	0	15	1848	205	82	99	0.0	0.0	126.0	0.5	1.0	ABCN	620
62098	336ACSR	1.2	12.5	0.0	ABCN	6	4	0	15	1808	176	80	100	0.1	0.1	125.9	0.9	1.7	ABCN	62098
62096	336ACSR	1.7	12.5	0.0	ABCN	-0	0	0	15	1793	165	79	100	0.0	0.2	125.8	0.6	1.1	ABCN	62096
62094	336ACSR	2.6	12.5	0.0	ABCN	15	11	1	15	1758	139	78	100	0.1	0.2	125.8	0.9	1.7	ABCN	62094
62092	336ACSR	3.1	12.5	0.0	ABCN	7	-324	14	14	1693	93	75	100	0.0	0.3	125.7	0.5	0.9	ABCN	62092
Capacitor (Wye-Gnd Connected) at Center of Section 62092																				
	ABCN : Nominal = 300 kvar						Actual = 329 kvar													
622	336ACSR	3.5	12.5	0.0	ABCN	7	5	0	10	1236	235	56	98	0.0	0.3	125.7	0.2	0.4	ABCN	622
6220	4ACSR	3.9	12.5	0.0	ABCN	60	-148	7	14	436	-60	19	-99	0.1	0.4	125.6	0.2	-0.0	ABCN	6220
Capacitor (Wye-Gnd Connected) at Center of Section 6220																				
	ABCN : Nominal = 150 kvar						Actual = 164 kvar													
6221	4ACSR	4.4	12.5	0.0	ABCN	246	8	11	8	246	8	11	100	0.0	0.4	125.6	0.2	-0.0	ABCN	6221
623	397ACSR	4.2	12.5	0.0	ABCN	4	2	0	1	130	80	7	85	0.0	0.4	125.6	0.0	-0.1	ABCN	623
6223	2ACSR	4.7	12.5	0.0	A N	14	10	2	1	14	10	2	82	0.0	0.4	125.6	0.0	-0.0	A N	6223
6231	397ACSR	4.8	12.5	0.0	ABCN	-0	0	0	1	112	68	6	86	0.0	0.4	125.6	0.0	-0.1	ABCN	6231
6215	4ACSR	5.2	12.5	0.0	A N	12	8	2	1	12	8	2	82	0.0	0.4	125.6	0.0	-0.0	A N	6215
6232	397ACSR	5.7	12.5	0.0	ABCN	45	21	2	1	100	60	5	86	0.0	0.4	125.6	0.0	-0.2	ABCN	6232
6218	4ACSR	6.2	12.5	0.0	A N	48	34	8	6	48	34	8	82	0.0	0.4	125.6	0.0	-0.0	A N	6218
62321	336ACSR	5.9	12.5	0.0	ABCN	7	5	0	0	7	5	0	82	0.0	0.4	125.6	0.0	-0.0	ABCN	62321
625	336ACSR	4.3	12.5	0.0	ABCN	17	12	1	7	793	290	37	94	0.0	0.4	125.6	0.2	0.2	ABCN	625
6252	336ACSR	4.6	12.5	0.0	ABCN	15	10	1	2	232	77	11	95	0.0	0.4	125.6	0.0	-0.1	ABCN	6252
6250	4ACSR	6.5	12.5	0.0	A N	59	41	10	7	59	41	10	82	0.1	0.5	125.5	0.0	-0.1	A N	6250
6253	336ACSR	5.1	12.5	0.0	ABCN	31	22	2	0	37	26	2	82	0.0	0.4	125.6	0.0	-0.1	ABCN	6253
6254	4ACSR	5.6	12.5	0.0	A N	6	4	1	1	6	4	1	82	0.0	0.4	125.6	0.0	-0.0	A N	6254
6255	336ACSR	5.5	12.5	0.0	ABCN	122	0	5	1	122	-0	5	-100	0.0	0.4	125.6	0.0	-0.2	ABCN	6255
6251	4ACSR	5.6	12.5	0.0	A N	60	36	9	7	60	36	9	86	0.1	0.4	125.6	0.0	-0.1	A N	6251
6256	336ACSR	4.6	12.5	0.0	ABCN	65	10	3	4	483	164	23	95	0.0	0.4	125.6	0.0	-0.0	ABCN	6256
62561	336ACSR	5.0	12.5	0.0	ABCN	39	12	2	3	292	66	13	98	0.0	0.4	125.6	0.0	-0.1	ABCN	62561
6257	4ACSR	5.8	12.5	0.0	A N	40	18	6	4	40	18	6	91	0.0	0.4	125.6	0.0	-0.0	A N	6257
6258	336ACSR	5.4	12.5	0.0	ABCN	12	1	1	2	214	36	10	99	0.0	0.4	125.6	0.0	-0.1	ABCN	6258
62513	336ACSR	5.9	12.5	0.0	ABCN	185	23	8	2	185	23	8	99	0.0	0.4	125.6	0.0	-0.1	ABCN	62513
62510	6ACWC	5.7	12.5	0.0	A N	16	12	3	2	16	12	3	82	0.0	0.4	125.6	0.0	-0.0	A N	62510
6259	2ACSR	5.6	12.5	0.0	A N	52	36	8	11	126	88	20	82	0.1	0.5	125.5	0.1	0.0	A N	6259
62511	4ACSR	6.6	12.5	0.0	A N	6	4	1	9	74	52	12	82	0.1	0.6	125.4	0.1	-0.0	A N	62511
62512	4ACSR	7.7	12.5	0.0	A N	68	48	11	8	68	48	11	82	0.1	0.7	125.3	0.0	-0.0	A N	62512
6222	336ACSR	3.4	12.5	0.0	ABCN	35	24	2	4	449	181	21	93	0.0	0.3	125.7	0.0	-0.0	ABCN	6222
621	336ACSR	3.8	12.5	0.0	ABCN	16	11	1	4	398	145	19	94	0.0	0.3	125.7	0.0	-0.0	ABCN	621
6210	4ACSR	4.2	12.5	0.0	A N	15	10	2	2	15	10	2	82	0.0	0.3	125.7	0.0	-0.0	A N	6210
6213	336ACSR	4.1	12.5	0.0	ABCN	84	17	4	2	247	79	11	95	0.0	0.3	125.7	0.0	-0.1	ABCN	6213
6212	4ACSR	4.9	12.5	0.0	A N	64	45	10	7	64	45	10	82	0.0	0.4	125.6	0.0	-0.0	A N	6212
6214	336ACSR	4.7	12.5	0.0	ABCN	93	14	4	1	99	17	4	99	0.0	0.3	125.7	0.0	-0.1	ABCN	6214
6216	4ACSR	5.1	12.5	0.0	A N	6	3	1	1	6	3	1	92	0.0	0.3	125.7	0.0	-0.0	A N	6216
6217	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.3	125.7	0.0	-0.0	ABCN	6217
62171	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.3	125.7	0.0	-0.0	ABCN	62171
6211	4ACSR	5.1	12.5	0.0	A N	120	45	17	12	120	45	17	94	0.1	0.4	125.6	0.1	-0.0	A N	6211
6219	2ACSR	3.8	12.5	0.0	A N	17	12	3	2	17	12	3	82	0.0	0.3	125.7	0.0	-0.0	A N	6219
62093	4ACSR	3.4	12.5	0.0	A N	48	34	8	6	48	34	8	82	0.0	0.3	125.7	0.0	-0.0	A N	62093
62095	4ACSR	2.9	12.5	0.0	A N	35	25	6	4	35	25	6	82	0.0	0.2	125.8	0.0	-0.1	A N	62095
62097	4ACSR	1.9	12.5	0.0	A N	7	5	1	1	7	5	1	82	0.0	0.1	125.9	0.0	-0.0	A N	62097
62099	4ACSR	2.5	12.5	0.0	A N	37	26	6	4	37	26	6	82	0.1	0.1	125.9	0.0	-0.1	A N	62099

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********** Load-Flow Results For Stanton Ckt 2 **********
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Stanton Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			12.5	0.0	ABCN					2064	439	93	98			126.0			ABCN Feeder
609	336ACSR	0.4	12.5	0.0	ABCN	0	0	0	18	2064	439	93	98	0.1	0.1	125.9	0.6	1.2	ABCN 609
6090	336ACSR	2.6	12.5	0.0	ABCN	0	0	0	18	2063	437	93	98	0.3	0.3	125.7	3.2	6.3	ABCN 6090
60900	336ACSR	3.0	12.5	0.0	ABCN	-0	0	0	18	2060	431	93	98	0.1	0.4	125.6	0.7	1.3	ABCN 60900
6091	336ACSR	3.4	12.5	0.0	ABCN	-0	0	0	18	2059	430	93	98	0.1	0.4	125.6	0.6	1.2	ABCN 6091
60921	336ACSR	3.6	12.5	0.0	ABCN	0	0	0	18	2059	428	93	98	0.0	0.5	125.5	0.2	0.5	ABCN 60921
6092	336ACSR	3.9	12.5	0.0	ABCN	2	1	0	18	2059	428	93	98	0.0	0.5	125.5	0.4	0.8	ABCN 6092
624	336ACSR	6.1	12.5	0.0	ABCN	108	-142	8	18	2056	426	93	98	0.3	0.8	125.2	3.3	6.4	ABCN 624
Capacitor (Wye-Gnd Connected) at Center of Section 624																			
	ABCN : Nominal = 150 kvar					Actual = 164 kvar													
648	4/0ACSR	6.6	12.5	0.0	ABCN	79	25	4	13	960	85	43	100	0.0	0.8	125.2	0.3	0.3	ABCN 648
6480	4ACSR	8.0	12.5	0.0	ABCN	170	16	8	5	170	16	8	100	0.0	0.9	125.1	0.2	-0.1	ABCN 6480
6483	1/0ACSR	6.9	12.5	0.0	ABCN	2	1	0	14	710	43	32	100	0.0	0.9	125.1	0.2	0.1	ABCN 6483
6481	1/0ACSR	7.8	12.5	0.0	ABCN	279	13	12	13	689	29	31	100	0.1	0.9	125.1	0.5	0.2	ABCN 6481
649	1/0ACSR	8.1	12.5	0.0	ABCN	123	3	5	8	410	15	18	100	0.0	1.0	125.0	0.1	-0.0	ABCN 649
6493	1/0ACSR	8.4	12.5	0.0	ABCN	0	0	0	6	287	12	13	100	0.0	1.0	125.0	0.0	-0.0	ABCN 6493
6490	1/0ACSR	8.7	12.5	0.0	ABCN	121	5	5	4	223	8	10	100	0.0	1.0	125.0	0.0	-0.0	ABCN 6490
6491	1/0ACSR	9.4	12.5	0.0	ABCN	102	3	5	2	102	3	5	100	0.0	1.0	125.0	0.0	-0.1	ABCN 6491
6492	1/0ACSR	9.2	12.5	0.0	ABCN	64	5	3	1	64	4	3	100	0.0	1.0	125.0	0.0	-0.2	ABCN 6492
6482	4ACSR	7.6	12.5	0.0	A N	19	13	3	2	19	13	3	83	0.0	0.9	125.1	0.0	-0.0	A N 6482
627	1/0CU	6.7	12.5	0.0	ABCN	0	0	0	16	985	476	49	90	0.1	0.9	125.1	0.5	0.4	ABCN 627
6270	1/0CU	7.2	12.5	0.0	ABCN	6	4	0	15	953	455	47	90	0.1	0.9	125.1	0.4	0.3	ABCN 6270
6271	1/0CU	7.6	12.5	0.0	ABCN	8	5	0	13	811	416	40	89	0.0	1.0	125.0	0.2	0.2	ABCN 6271
6278	1/0CU	9.0	12.5	0.0	ABCN	46	31	2	11	692	341	34	90	0.1	1.1	124.9	0.6	0.4	ABCN 6278
6279	1/0CU	9.7	12.5	0.0	ABCN	6	4	0	2	159	18	7	99	0.0	1.1	124.9	0.0	-0.1	ABCN 6279
6280	4ACSR	10.9	12.5	0.0	A N	16	11	3	2	16	11	3	83	0.0	1.2	124.8	0.0	-0.1	A N 6280
6281	1/0CU	10.3	12.5	0.0	ABCN	137	3	6	2	137	3	6	100	0.0	1.1	124.9	0.0	-0.1	ABCN 6281
6282	1/0CU	9.8	12.5	0.0	ABCN	3	2	0	8	486	293	25	86	0.1	1.2	124.8	0.2	0.1	ABCN 6282
747	1/0CU	10.5	12.5	0.0	ABCN	4	3	0	7	441	263	23	86	0.0	1.2	124.8	0.1	0.0	ABCN 747
7472	1/0CU	11.3	12.5	0.0	ABCN	0	0	0	6	348	216	18	85	0.0	1.2	124.8	0.1	-0.0	ABCN 7472
7473	1/0CU	12.3	12.5	0.0	ABCN	46	23	2	1	46	23	2	89	0.0	1.2	124.8	0.0	-0.2	ABCN 7473
7475	1/0CU	11.7	12.5	0.0	ABCN	0	-0	0	5	302	193	16	84	0.0	1.3	124.7	0.0	-0.0	ABCN 7475
7474	1/0EPR	12.1	12.5	0.0	A N	85	57	14	7	85	57	14	83	0.1	1.4	124.6	0.0	0.0	A N 7474
7476	1/0CU	16.0	12.5	0.0	ABCN	19	12	1	4	217	136	11	85	0.1	1.4	124.6	0.2	-0.6	ABCN 7476
750	4ACSR	18.9	12.5	0.0	ABCN	33	15	2	1	33	15	2	91	0.0	1.4	124.6	0.0	-0.5	ABCN 750
757	6ACWC	20.0	12.5	0.0	A N	110	73	18	19	165	109	26	83	0.7	2.1	123.9	0.8	0.3	A N 757
7571	2ACSR	21.9	12.5	0.0	A N	36	24	6	3	36	24	6	83	0.0	2.2	123.8	0.0	-0.1	A N 7571
7572	4ACSR	32.0	12.5	0.0	A N	18	12	3	2	18	11	3	85	0.2	2.3	123.7	0.0	-0.6	A N 7572
7470	1/0CU	11.4	12.5	0.0	ABCN	61	26	3	1	88	44	4	89	0.0	1.2	124.8	0.0	-0.2	ABCN 7470
7471	1/0CU	14.3	12.5	0.0	A N	27	18	4	1	27	18	4	83	0.0	1.3	124.7	0.0	-0.1	A N 7471
630	4ACSR	12.2	12.5	0.0	A N	6	4	1	5	42	28	7	83	0.1	1.3	124.7	0.0	-0.1	A N 630
6300	4ACSR	14.0	12.5	0.0	A N	12	8	2	1	12	8	2	84	0.0	1.4	124.6	0.0	-0.1	A N 6300
6301	4ACSR	13.2	12.5	0.0	A N	24	16	4	3	24	16	4	83	0.0	1.4	124.6	0.0	-0.0	A N 6301
6272	1/0CU	7.9	12.5	0.0	AB N	23	15	2	3	111	69	9	85	0.0	1.0	125.0	0.0	-0.0	AB N 6272
6274	1/0CU	8.3	12.5	0.0	AB N	10	2	1	2	88	54	7	85	0.0	1.0	125.0	0.0	-0.0	AB N 6274
6275	6ACWC	9.7	12.5	0.0	A N	79	52	13	9	79	52	13	83	0.1	1.1	124.9	0.1	-0.0	A N 6275
6276	1/0CU	8.1	12.5	0.0	AB N	99	10	7	3	135	34	9	97	0.0	0.9	125.1	0.0	-0.1	AB N 6276
6277	6ACWC	11.7	12.5	0.0	A N	36	24	6	4	36	24	6	83	0.1	1.1	124.9	0.0	-0.2	A N 6277
6273	6ACWC	7.9	12.5	0.0	A N	31	21	5	4	31	21	5	83	0.0	0.9	125.1	0.0	-0.1	A N 6273

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********** Load-Flow Results For Stanton Ckt 3 **********
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Stanton Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1786	208	79	99			126.0			ABCN	Feeder
631	397ACSR	1.7	12.5	0.0	ABCN	230	-143	12	13	1786	208	79	99	0.1	0.1	125.9	1.5	3.2	ABCN	631
Capacitor (Wye-Gnd Connected) at Center of Section 631																				
	ABCN : Nominal = 150 kvar					Actual = 165 kvar														
6312	397ACSR	4.3	12.5	0.0	ABCN	3	2	0	12	1554	348	70	98	0.2	0.4	125.6	1.9	4.0	ABCN	6312
618	1/0ACSR	5.1	12.5	0.0	ABCN	18	13	1	20	922	467	46	89	0.2	0.5	125.5	1.1	0.7	ABCN	618
6180	4ACSR	6.6	12.5	0.0	A N	36	25	6	4	36	25	6	82	0.0	0.6	125.4	0.0	-0.1	A N	6180
6181	1/0ACSR	5.6	12.5	0.0	ABCN	33	23	2	19	866	428	43	90	0.1	0.6	125.4	0.5	0.3	ABCN	6181
6182	1/0ACSR	6.3	12.5	0.0	ABCN	0	0	0	18	833	405	41	90	0.1	0.7	125.3	0.8	0.4	ABCN	6182
629	1/0ACSR	9.7	12.5	0.0	ABCN	24	17	1	13	626	262	30	92	0.4	1.2	124.8	1.9	0.8	ABCN	629
6291	1/0ACSR	11.4	12.5	0.0	ABCN	-0	0	0	12	573	225	27	93	0.2	1.4	124.6	0.8	0.3	ABCN	6291
62911	1/0ACSR	11.4	12.5	0.0	ABCN	-0	-0	0	12	573	225	27	93	0.0	1.4	124.6	0.0	0.0	ABCN	62911
6292	1/0ACSR	12.3	12.5	0.0	ABCN	123	1	5	2	123	1	5	100	0.0	1.4	124.6	0.0	-0.1	ABCN	6292
6293	1/0ACSR	12.6	12.5	0.0	ABCN	87	12	4	10	449	224	22	89	0.1	1.5	124.5	0.3	0.0	ABCN	6293
626	4ACSR	13.5	12.5	0.0	ABCN	15	10	1	13	360	211	19	86	0.1	1.6	124.4	0.4	-0.0	ABCN	626
6261	4ACSR	14.3	12.5	0.0	ABCN	21	1	1	3	87	48	4	88	0.0	1.6	124.4	0.0	-0.1	ABCN	6261
6263	4ACSR	15.5	12.5	0.0	A N	9	6	1	8	67	46	11	82	0.1	1.9	124.1	0.1	-0.0	A N	6263
6264	2ACSR	17.5	12.5	0.0	A N	26	19	4	2	26	18	4	82	0.0	1.9	124.1	0.0	-0.1	A N	6264
6265	4ACSR	16.6	12.5	0.0	A N	11	7	2	4	32	22	5	82	0.0	1.9	124.1	0.0	-0.0	A N	6265
6266	4ACSR	17.9	12.5	0.0	A N	8	6	1	1	8	6	1	82	0.0	1.9	124.1	0.0	-0.1	A N	6266
6267	4ACSR	19.4	12.5	0.0	A N	13	9	2	1	13	9	2	82	0.0	2.0	124.0	0.0	-0.1	A N	6267
6262	4ACSR	14.5	12.5	0.0	ABCN	27	5	1	10	258	153	13	86	0.1	1.7	124.3	0.3	-0.1	ABCN	6262
651	6ACWC	19.8	12.5	0.0	A N	51	36	8	26	230	148	37	84	1.6	3.5	122.5	2.7	1.4	A N	651
6510	6ACWC	24.5	12.5	0.0	A N	38	16	6	20	176	111	28	85	1.1	4.6	121.4	1.5	0.7	A N	6510
643	4ACSR	29.4	12.5	0.0	A N	23	16	4	16	136	94	23	82	1.0	5.6	120.4	1.2	0.4	A N	643
6431	4ACSR	32.4	12.5	0.0	A N	19	13	3	14	113	78	19	82	0.5	6.1	119.9	0.5	0.1	A N	6431
6421	4ACSR	34.7	12.5	0.0	A N	10	7	2	1	10	7	2	82	0.0	6.1	119.9	0.0	-0.1	A N	6421
644	6ACWC	37.4	12.5	0.0	A N	41	29	7	10	83	58	14	82	0.5	6.6	119.4	0.3	-0.0	A N	644
645	4ACSR	39.9	12.5	0.0	A N	6	4	1	1	6	4	1	83	0.0	6.6	119.4	0.0	-0.1	A N	645
6530	4ACSR	39.5	12.5	0.0	A N	5	3	1	4	36	25	6	83	0.1	6.7	119.3	0.0	-0.1	A N	6530
6531	4ACSR	47.5	12.5	0.0	A N	22	15	4	3	22	15	4	83	0.1	6.9	119.1	0.0	-0.3	A N	6531
653	4ACSR	43.2	12.5	0.0	A N	10	7	2	1	10	7	2	83	0.0	6.8	119.2	0.0	-0.2	A N	653
6294	1/0ACSR	12.9	12.5	0.0	ABCN	2	2	0	0	2	1	0	83	0.0	1.5	124.5	0.0	-0.1	ABCN	6294
6290	1/0ACSR	11.3	12.5	0.0	A N	27	19	4	2	27	19	4	82	0.0	1.3	124.7	0.0	-0.1	A N	6290
632	4ACSR	7.6	12.5	0.0	A N	1	1	0	24	206	142	33	82	0.4	1.2	124.8	0.8	0.3	A N	632
6321	4ACSR	11.1	12.5	0.0	A N	44	31	7	24	204	141	33	82	1.0	2.2	123.8	1.6	0.7	A N	6321
6323	4ACSR	14.4	12.5	0.0	A N	57	40	9	13	112	78	18	82	0.5	2.7	123.3	0.4	0.0	A N	6323
642	4ACSR	21.9	12.5	0.0	A N	27	19	4	4	32	22	5	83	0.2	2.9	123.1	0.1	-0.3	A N	642
6422	4ACSR	25.4	12.5	0.0	A N	5	3	1	1	5	3	1	83	0.0	2.9	123.1	0.0	-0.2	A N	6422
652	4ACSR	18.8	12.5	0.0	A N	24	17	4	3	24	16	4	82	0.1	2.8	123.2	0.0	-0.2	A N	652
6322	4ACSR	16.8	12.5	0.0	A N	45	32	7	5	45	31	7	82	0.2	2.5	123.5	0.1	-0.2	A N	6322
616	336ACSR	9.4	12.5	0.0	ABCN	0	0	0	5	628	-125	28	-98	0.1	0.5	125.5	0.7	0.4	ABCN	616
6161	336ACSR	11.7	12.5	0.0	ABCN	620	-130	28	5	627	-125	28	-98	0.0	0.5	125.5	0.7	1.1	ABCN	6161
Capacitor (Wye-Gnd Connected) at Center of Section 6161																				
	ABCN : Nominal = 150 kvar					Actual = 164 kvar														
6162	336ACSR	13.0	12.5	0.0	ABCN	6	4	0	0	7	4	0	88	0.0	0.5	125.5	0.0	-0.3	ABCN	6162
6163	4ACSR	15.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-94	0.0	0.6	125.4	0.0	-0.1	A N	6163
6164	336ACSR	15.8	12.5	0.0	ABCN	0	0	0	0	0	-0	0	-84	-0.0	0.5	125.5	0.0	-0.6	ABCN	6164

********** Load-Flow Results For Stanton Ckt 4 **********

Stanton Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					4082	1134	187	96			126.0			ABCN	Feeder
619	397ACSR	0.4	12.5	0.0	ABCN	3	2	0	32	4082	1134	187	96	0.1	0.1	125.9	1.8	4.4	ABCN	619
6190	397ACSR	1.2	12.5	0.0	ABCN	324	4	14	2	324	4	14	100	0.0	0.1	125.9	0.1	-0.0	ABCN	6190
6191	397ACSR	1.5	12.5	0.0	ABCN	6	4	0	29	3753	1123	173	96	0.3	0.3	125.7	4.8	11.5	ABCN	6191
6192	4ACSR	3.4	12.5	0.0	A N	159	82	24	17	159	82	24	89	0.2	0.6	125.4	0.3	0.1	A N	6192
6193	397ACSR	2.2	12.5	0.0	ABCN	2	-327	14	28	3583	1026	165	96	0.2	0.5	125.5	3.1	7.3	ABCN	6193
Capacitor (Wye-Gnd Connected) at Center of Section 6193																				
	ABCN :	Nominal =	300 kvar			Actual =	329 kvar													
612	336ACSR	3.0	12.5	0.0	ABCN	3	2	0	30	3383	1243	160	94	0.2	0.7	125.3	3.6	7.5	ABCN	612
6125	336ACSR	3.7	12.5	0.0	ABCN	19	13	1	28	3191	1114	150	94	0.2	0.9	125.1	2.5	5.1	ABCN	6125
6126	4ACSR	4.4	12.5	0.0	A N	30	19	5	3	30	19	5	84	0.0	0.9	125.1	0.0	-0.0	A N	6126
6127	336ACSR	4.0	12.5	0.0	ABCN	24	16	1	28	3139	1077	147	95	0.1	0.9	125.1	1.1	2.2	ABCN	6127
6131	336ACSR	5.8	12.5	0.0	ABCN	101	55	5	27	3016	1033	142	95	0.4	1.3	124.7	6.2	12.6	ABCN	6131
6132	336ACSR	6.7	12.5	0.0	ABCN	17	11	1	26	2908	965	137	95	0.2	1.5	124.5	2.7	5.6	ABCN	6132
61321	336ACSR	6.7	12.5	0.0	ABCN	0	0	0	26	2889	949	136	95	0.0	1.5	124.5	0.2	0.5	ABCN	61321
6133	397ACSR	6.9	12.5	0.0	ABCN	49	26	2	23	2888	949	136	95	0.0	1.6	124.4	0.6	1.4	ABCN	6133
6134	397ACSR	7.7	12.5	0.0	ABCN	13	9	1	23	2839	921	133	95	0.1	1.7	124.3	1.9	4.6	ABCN	6134
6136	397ACSR	8.6	12.5	0.0	ABCN	4	2	0	21	2656	800	124	96	0.1	1.9	124.1	2.0	4.7	ABCN	6136
614	397ACSR	12.6	12.5	0.0	ABCN	14	9	1	21	2651	793	124	96	0.7	2.5	123.5	9.0	21.0	ABCN	614
564	397ACSR	12.8	12.5	0.0	ABCN	10	7	1	16	2094	422	96	98	0.0	2.6	123.4	0.3	0.7	ABCN	564
5642	397ACSR	15.7	12.5	0.0	ABCN	818	14	37	15	1946	327	89	99	0.2	2.8	123.2	3.3	7.5	ABCN	5642
5643	6ACWC	17.3	12.5	0.0	ABCN	27	17	1	38	1125	305	53	97	0.7	3.5	122.5	6.2	1.9	ABCN	5643
5645	6ACWC	19.3	12.5	0.0	ABCN	42	27	2	35	1055	262	49	97	0.8	4.3	121.7	6.3	1.8	ABCN	5645
5646	6ACWC	21.8	12.5	0.0	A N	42	27	7	18	156	100	25	84	0.5	5.1	120.9	0.6	0.2	A N	5646
5648	2ACSR	23.8	12.5	0.0	A N	24	15	4	2	24	15	4	84	0.0	5.1	120.9	0.0	-0.1	A N	5648
5647	6ACWC	24.2	12.5	0.0	A N	89	57	15	10	89	57	15	84	0.2	5.3	120.7	0.1	-0.0	A N	5647
5649	1/0ACSR	21.5	12.5	0.0	ABCN	199	21	9	17	851	132	39	99	0.3	4.6	121.4	2.0	1.1	ABCN	5649
56491	2ACSR	25.6	12.5	0.0	A N	71	46	12	6	71	46	12	84	0.2	5.2	120.8	0.1	-0.1	A N	56491
5650	1/0ACSR	23.8	12.5	0.0	ABCN	58	37	3	12	579	63	27	99	0.2	4.8	121.2	0.9	0.3	ABCN	5650
5652	1/0ACSR	25.9	12.5	0.0	ABCN	129	14	6	10	520	25	24	100	0.2	4.9	121.1	0.7	0.1	ABCN	5652
5653	1/0ACSR	29.2	12.5	0.0	ABCN	388	7	18	8	389	8	18	100	0.1	5.1	120.9	1.2	0.7	ABCN	5653
5644	6ACWC	19.6	12.5	0.0	A N	37	24	6	4	37	24	6	84	0.1	3.8	122.2	0.0	-0.1	A N	5644
5640	4ACSR	15.5	12.5	0.0	A N	60	38	10	16	137	88	22	84	0.5	3.1	122.9	0.5	0.1	A N	5640
5641	4ACSR	19.2	12.5	0.0	A N	76	49	12	9	77	49	12	84	0.2	3.3	122.7	0.1	-0.1	A N	5641
562	4ACSR	14.2	12.5	0.0	A N	9	6	1	27	233	149	37	84	0.6	3.2	122.8	1.1	0.5	A N	562
5621	4ACSR	17.8	12.5	0.0	A N	23	15	4	22	188	120	30	84	1.0	4.2	121.8	1.5	0.6	A N	5621
56225	4ACSR	19.5	12.5	0.0	A N	3	2	0	19	163	104	26	84	0.4	4.6	121.4	0.6	0.2	A N	56225
5622	6ACWC	20.5	12.5	0.0	A N	40	26	7	19	159	102	26	84	0.2	4.9	121.1	0.3	0.1	A N	5622
5623	4ACSR	26.3	12.5	0.0	A N	35	23	6	14	119	76	19	84	1.0	5.8	120.2	0.9	0.2	A N	5623
5624	4ACSR	29.6	12.5	0.0	A N	57	37	9	7	57	37	9	84	0.2	6.0	120.0	0.1	-0.1	A N	5624
5625	4ACSR	28.1	12.5	0.0	A N	27	17	4	3	27	17	4	84	0.0	5.9	120.1	0.0	-0.1	A N	5625
5620	4ACSR	17.9	12.5	0.0	A N	36	23	6	4	36	23	6	84	0.1	3.3	122.7	0.0	-0.2	A N	5620
615	4ACSR	15.9	12.5	0.0	A N	20	13	3	34	300	191	48	84	1.6	4.1	121.9	3.8	1.9	A N	615
6151	4ACSR	18.4	12.5	0.0	A N	13	8	2	24	204	130	33	84	0.8	4.9	121.1	1.3	0.6	A N	6151
745	4ACSR	22.7	12.5	0.0	A N	19	13	3	17	148	94	24	84	1.0	5.9	120.1	1.2	0.4	A N	745
7450	4ACSR	30.3	12.5	0.0	A N	83	53	14	10	83	53	14	84	0.5	6.4	119.6	0.4	-0.2	A N	7450
7451	4ACSR	33.5	12.5	0.0	A N	44	29	7	5	44	28	7	84	0.4	6.3	119.7	0.2	-0.4	A N	7451
758	4ACSR	23.1	12.5	0.0	A N	41	27	7	5	42	27	7	84	0.2	5.1	120.9	0.1	-0.2	A N	758
7580	4ACSR	26.4	12.5	0.0	A N	0	0	0	0	0	0	0	96	0.0	5.1	120.9	0.0	-0.2	A N	7580
6150	4ACSR	21.1	12.5	0.0	A N	72	47	12	8	72	47	12	84	0.3	4.4	121.6	0.2	-0.1	A N	6150
6135	4ACSR	11.9	12.5	0.0	A N	166	107	27	19	167	108	27	84	0.6	2.3	123.7	0.8	0.2	A N	6135
6128	4ACSR	5.0	12.5	0.0	ABCN	82	16	4	3	98	26	4	97	0.0	1.0	125.0	0.0	-0.2	ABCN	6128
6129	4ACSR	6.9	12.5	0.0	A N	16	10	3	2	16	10	3	84	0.0	1.0	125.0	0.0	-0.1	A N	6129
6120	6ACWC	3.9	12.5	0.0	ABCN	12	8	1	7	186	119	10	84	0.1	0.8	125.2	0.1	-0.1	ABCN	6120
6121	6ACWC	5.1	12.5	0.0	A N	55	36	9	6	55	35	9	84	0.0	0.9	125.1	0.0	-0.0	A N	6121
6122	6ACWC	4.8	12.5	0.0	ABCN	8	5	0	4	119	76	6	84	0.0	0.8	125.2	0.0	-0.1	ABCN	6122
61221	6ACWC	5.2	12.5	0.0	ABCN	7	4	0	3	73	47	4	84	0.0	0.8	125.2	0.0	-0.1	ABCN	61221
6123	6ACWC	7.3	12.5	0.0	A N	34	22	5	4	35	22	5	84	0.1	0.9	125.1	0.0	-0.1	A N	6123
6124	6ACWC	8.1	12.5	0.0	A N	32	20	5	4	32	20	5	84	0.1	0.9	125.1	0.0	-0.1	A N	6124
6138	6ACWC	6.1	12.5	0.0	ABCN	38	24	2	1	38	24	2	84	0.0	0.8	125.2	0.0	-0.2	ABCN	6138
6130	4ACSR	3.5	12.5	0.0	A N	186	99	28	20	186	99	28	88	0.2	0.7	125.3	0.3	0.1	A N	6130

Stanton Ckt 4 [redacted]ction Load Load Into Section -- 120V Bas[redacted] Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
6137		397ACSR	4.1	12.5	0.0	ABCN	7	5	0	0	8	4	0	91	0.0	0.5	125.5	0.0	-0.4	ABCN	6137
6789		336ACSR	9.3	12.5	0.0	ABCN	1	1	0	0	1	-0	0	-92	0.0	0.5	125.5	0.0	-1.1	ABCN	6789

********** Load-Flow Results For Three Forks Ckt 1 **********

Three Forks Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1854	267	41	99			126.0			ABCN	Feeder
111	1/0ACSR	7.8	24.9	0.0	ABCN	46	8	1	18	1854	267	41	99	0.6	0.6	125.4	8.3	0.3	ABCN	111
11111	1/0ACSR	12.8	24.9	0.0	ABCN	22	4	0	18	1800	259	40	99	0.4	1.0	125.0	5.1	0.1	ABCN	11111
106	1/0ACSR	19.6	24.9	0.0	ABCN	18	3	0	16	1625	232	37	99	0.5	1.5	124.5	5.7	-0.8	ABCN	106
10619	1/0ACSR	22.7	24.9	0.0	ABCN	-0	0	0	13	1301	186	29	99	0.2	1.7	124.3	1.7	-1.0	ABCN	10619
102	6ACWC	30.2	24.9	0.0	A N	51	9	3	2	51	7	3	99	0.1	1.8	124.2	0.0	-1.5	A N	102
108	1/0ACSR	24.9	24.9	0.0	ABCN	8	1	0	12	1248	180	28	99	0.1	1.8	124.2	1.1	-0.8	ABCN	108
103	4ACSR	31.1	24.9	0.0	A N	52	9	4	3	52	7	4	99	0.1	1.9	124.1	0.0	-1.2	A N	103
79	1/0ACSR	28.0	24.9	0.0	ABCN	2	0	0	12	1188	172	27	99	0.2	1.9	124.1	1.4	-1.2	ABCN	79
100	1/0ACSR	29.7	24.9	0.0	ABCN	57	10	1	12	1184	173	27	99	0.1	2.0	124.0	0.8	-0.7	ABCN	100
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																				
	ABCN : Tap = 2 RAISE																			
Regulator			29.7	24.9	0.0	ABCN				26	1126	164	26	99	-1.5	0.5	125.3	-0.0	-0.0	ABCN	Regulator
10099	1/0ACSR	32.5	24.9	0.0	ABCN	-0	0	0	11	1126	164	25	99	0.1	0.6	125.4	1.1	-1.2	ABCN	10099
73	397ACSR	35.7	24.9	0.0	ABCN	135	23	3	2	604	85	14	99	0.0	0.6	125.4	0.1	-2.6	ABCN	73
7398	397ACSR	41.3	24.9	0.0	ABCN	183	31	4	1	391	52	9	99	0.0	0.7	125.3	0.1	-4.7	ABCN	7398
67	397ACSR	43.2	24.9	0.0	ABCN	84	14	2	1	166	20	4	99	0.0	0.7	125.3	0.0	-1.6	ABCN	67
6798	397ACSR	49.8	24.9	0.0	ABCN	41	7	1	0	41	1	1	100	0.0	0.7	125.3	0.0	-5.7	ABCN	6798
6799	4ACSR	47.5	24.9	0.0	A N	41	7	3	2	41	6	3	99	0.0	0.8	125.2	0.0	-0.9	A N	6799
7397	4ACSR	45.1	24.9	0.0	A N	42	7	3	2	42	6	3	99	0.0	0.8	125.2	0.0	-0.8	A N	7397
7399	397ACSR	37.0	24.9	0.0	A N	78	13	5	1	78	13	5	99	0.0	0.7	125.3	0.0	-0.3	A N	7399
76	4ACSR	37.4	24.9	0.0	A N	68	11	5	25	520	80	35	99	0.8	1.4	124.6	2.8	0.5	A N	76
7699	4ACSR	43.4	24.9	0.0	A N	68	11	5	22	449	68	30	99	0.8	2.2	123.8	2.6	0.1	A N	7699
101	4ACSR	46.8	24.9	0.0	A N	0	0	0	1	15	1	1	100	0.0	2.3	123.7	0.0	-0.7	A N	101
78	4ACSR	50.0	24.9	0.0	A N	15	3	1	1	15	2	1	99	0.0	2.3	123.7	0.0	-0.6	A N	78
104	4ACSR	48.5	24.9	0.0	A N	59	10	4	18	363	56	25	99	0.5	2.8	123.2	1.4	-0.3	A N	104
10498	4ACSR	52.1	24.9	0.0	A N	27	5	2	15	303	46	21	99	0.3	3.1	122.9	0.8	-0.3	A N	10498
10499	4ACSR	53.2	24.9	0.0	A N	112	19	8	13	275	42	19	99	0.1	3.2	122.8	0.1	-0.1	A N	10499
105	6ACWC	55.2	24.9	0.0	A N	18	3	1	8	163	24	11	99	0.1	3.3	122.7	0.1	-0.3	A N	105
10589	6ACWC	59.4	24.9	0.0	A N	15	3	1	7	144	21	10	99	0.2	3.5	122.5	0.2	-0.7	A N	10589
10587	6ACWC	68.2	24.9	0.0	A N	111	19	8	5	111	17	8	99	0.1	3.6	122.4	0.1	-1.6	A N	10587
10588	6ACWC	62.7	24.9	0.0	A N	18	3	1	1	18	2	1	99	0.0	3.5	122.5	0.0	-0.6	A N	10588
11318	4ACSR	57.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-63	0.0	3.2	122.8	0.0	-0.9	A N	11318
107	6ACWC	22.1	24.9	0.0	A N	44	7	3	15	300	43	20	99	0.2	1.7	124.3	0.4	-0.2	A N	107
1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	12	255	36	17	99	0.2	1.9	124.1	0.4	-0.3	A N	1079
10791	6ACWC	30.8	24.9	0.0	A N	83	14	6	12	255	37	17	99	0.4	2.3	123.7	0.7	-0.8	A N	10791
10792	6ACWC	34.7	24.9	0.0	A N	7	1	0	8	172	24	12	99	0.2	2.5	123.5	0.2	-0.6	A N	10792
112	4ACSR	40.5	24.9	0.0	A N	47	8	3	2	47	7	3	99	0.0	2.6	123.4	0.0	-1.1	A N	112
11322	6ACWC	37.9	24.9	0.0	A N	26	4	2	6	118	16	8	99	0.1	2.6	123.4	0.1	-0.6	A N	11322
113	6ACWC	45.8	24.9	0.0	A N	17	3	1	4	92	13	6	99	0.2	2.8	123.2	0.1	-1.5	A N	113
11319	6ACWC	50.8	24.9	0.0	A N	75	13	5	4	75	12	5	99	0.1	2.9	123.1	0.0	-1.0	A N	11319
11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.8	123.2	0.0	-0.4	A N	11320
128	4ACSR	19.0	24.9	0.0	A N	148	25	10	7	148	24	10	99	0.1	1.2	124.8	0.2	-1.1	A N	128

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********** Load-Flow Results For Three Forks Ckt 2 **********

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Three Forks Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2868	412	64	99			126.0			ABCN	Feeder
10994	1/0ACSR	0.2	24.9	0.0	ABCN	0	0	0	28	2868	412	64	99	0.0	0.0	126.0	0.6	0.3	ABCN	10994
11612	4ACSR	4.7	24.9	0.0	A N	156	23	11	23	476	67	32	99	0.6	0.6	125.4	1.7	0.0	A N	11612
91161	4ACSR	5.6	24.9	0.0	A N	18	3	1	15	318	44	21	99	0.1	0.7	125.3	0.2	-0.1	A N	91161
91162	6ACWC	7.1	24.9	0.0	A N	49	7	3	2	49	7	3	99	0.0	0.7	125.3	0.0	-0.3	A N	91162
71161	4ACSR	7.4	24.9	0.0	A N	61	9	4	6	117	16	8	99	0.0	0.7	125.3	0.0	-0.3	A N	71161
7116	6ACWC	13.4	24.9	0.0	A N	56	8	4	3	56	7	4	99	0.0	0.8	125.2	0.0	-1.2	A N	7116
9116	4ACSR	7.6	24.9	0.0	A N	80	12	5	6	134	19	9	99	0.1	0.7	125.3	0.0	-0.4	A N	9116
91163	4ACSR	9.5	24.9	0.0	A N	53	8	4	3	53	7	4	99	0.0	0.8	125.2	0.0	-0.4	A N	91163
119	1/0ACSR	1.5	24.9	0.0	ABCN	46	7	1	23	2391	345	53	99	0.1	0.2	125.8	2.3	0.8	ABCN	119
109	1/0ACSR	3.6	24.9	0.0	ABCN	0	-0	0	22	2248	324	50	99	0.2	0.4	125.6	3.3	0.9	ABCN	109
1099	1/0ACSR	5.3	24.9	0.0	ABCN	0	0	0	22	2222	320	50	99	0.2	0.5	125.5	2.7	0.7	ABCN	1099
10993	4ACSR	6.1	24.9	0.0	A CN	-0	-0	0	16	676	97	23	99	0.1	0.6	125.4	0.4	-0.2	A CN	10993
9109	4ACSR	7.5	24.9	0.0	A CN	107	16	4	14	601	87	20	99	0.1	0.7	125.3	0.5	-0.4	A CN	9109
81091	6ACWC	8.9	24.9	0.0	A N	151	22	10	7	151	22	10	99	0.0	0.7	125.3	0.0	-0.3	A N	81091
8109	6ACWC	9.3	24.9	0.0	A N	120	18	8	16	342	50	23	99	0.1	0.9	125.1	0.3	-0.2	A N	8109
81092	4ACSR	12.9	24.9	0.0	A N	222	33	15	11	222	32	15	99	0.1	1.0	125.0	0.2	-0.6	A N	81092
10991	2ACSR	9.5	24.9	0.0	A N	75	11	5	3	75	10	5	99	0.0	0.6	125.4	0.0	-0.7	A N	10991
61095	1/0ACSR	6.3	24.9	0.0	ABCN	11	2	0	15	1543	222	35	99	0.1	0.6	125.4	0.7	-0.2	ABCN	61095
61092	1/0ACSR	7.1	24.9	0.0	ABCN	150	21	3	13	1293	186	29	99	0.0	0.6	125.4	0.4	-0.3	ABCN	61092
61093	1/0ACSR	8.0	24.9	0.0	ABCN	274	40	6	9	911	132	20	99	0.0	0.7	125.3	0.2	-0.5	ABCN	61093
61094	1/0ACSR	11.0	24.9	0.0	ABCN	635	94	14	6	636	92	14	99	0.0	0.7	125.3	0.7	-1.6	ABCN	61094
61091	6ACWC	9.8	24.9	0.0	A N	231	34	16	11	232	34	16	99	0.1	0.7	125.3	0.2	-0.4	A N	61091
6109	6ACWC	9.5	24.9	0.0	A N	238	35	16	11	239	35	16	99	0.1	0.7	125.3	0.2	-0.5	A N	6109
10992	2ACSR	5.2	24.9	0.0	A N	23	3	2	1	23	3	2	99	0.0	0.4	125.6	0.0	-0.3	A N	10992
116	4ACSR	5.0	24.9	0.0	A N	95	14	6	5	95	13	6	99	0.1	0.2	125.8	0.0	-0.7	A N	116

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********** Load-Flow Results For Three Forks Ckt 3 **********

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Three Forks Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					4535	640	101	99			126.0			ABCN	Feeder
118	336ACSR	1.6	24.9	0.0	ABCN	25	4	1	19	4535	640	101	99	0.1	0.1	125.9	2.9	4.7	ABCN	118
1181	336ACSR	6.9	24.9	0.0	ABCN	6	1	0	19	4507	631	101	99	0.3	0.4	125.6	9.2	14.8	ABCN	1181
901	336ACSR	12.4	24.9	0.0	ABCN	69	10	2	18	4204	575	94	99	0.3	0.7	125.3	8.4	12.9	ABCN	901
9011	336ACSR	19.9	24.9	0.0	ABCN	7	1	0	17	4126	552	92	99	0.4	1.2	124.8	11.1	16.9	ABCN	9011
9012	336ACSR	20.5	24.9	0.0	ABCN	0	0	0	17	4108	534	92	99	0.0	1.2	124.8	0.8	1.3	ABCN	9012
125	1/0ACSR	22.2	24.9	0.0	ABCN	138	20	3	6	589	78	13	99	0.0	1.2	124.8	0.2	-1.2	ABCN	125
1251	1/0ACSR	24.3	24.9	0.0	ABCN	35	5	1	4	451	59	10	99	0.0	1.3	124.7	0.1	-1.5	ABCN	1251
1252	4ACSR	28.1	24.9	0.0	A N	76	11	5	4	76	10	5	99	0.0	1.4	124.6	0.0	-0.7	A N	1252
1253	1/0ACSR	25.2	24.9	0.0	ABCN	19	3	0	3	339	45	8	99	0.0	1.3	124.7	0.0	-0.7	ABCN	1253
117	4ACSR	29.1	24.9	0.0	A N	104	15	7	8	159	22	11	99	0.1	1.5	124.5	0.1	-0.7	A N	117
11177	4ACSR	34.2	24.9	0.0	A N	55	8	4	3	55	7	4	99	0.0	1.5	124.5	0.0	-1.0	A N	11177
120	4ACSR	29.8	24.9	0.0	A N	26	4	2	8	161	21	11	99	0.2	1.5	124.5	0.2	-0.8	A N	120
12099	4ACSR	32.7	24.9	0.0	A N	86	13	6	4	86	12	6	99	0.0	1.6	124.4	0.0	-0.6	A N	12099
121	4ACSR	36.3	24.9	0.0	A N	48	7	3	2	48	6	3	99	0.0	1.6	124.4	0.0	-1.3	A N	121
9013	1/0ACSR	21.1	24.9	0.0	ABCN	5	1	0	34	3518	454	79	99	0.1	1.3	124.7	2.4	1.3	ABCN	9013
11252	1/0ACSR	22.3	24.9	0.0	ABCN	6	1	0	34	3510	452	79	99	0.2	1.5	124.5	5.0	2.8	ABCN	11252
11253	1/0ACSR	24.6	24.9	0.0	ABCN	4	1	0	32	3295	419	74	99	0.3	1.8	124.2	8.0	4.3	ABCN	11253
11392	1/0ACSR	27.2	24.9	0.0	ABCN	86	13	2	29	2975	372	67	99	0.3	2.1	123.9	7.1	3.5	ABCN	11392
13211	4ACSR	30.7	24.9	0.0	A N	61	9	4	3	61	8	4	99	0.0	2.2	123.8	0.0	-0.7	A N	13211
13221	1/0ACSR	31.2	24.9	0.0	ABCN	43	6	1	28	2820	348	64	99	0.5	2.6	123.4	10.4	4.8	ABCN	13221
134	1/0ACSR	36.6	24.9	0.0	ABCN	73	11	2	22	2227	284	51	99	0.5	3.1	122.9	8.5	2.5	ABCN	134
13411	1/0ACSR	39.0	24.9	0.0	ABCN	17	2	0	20	2039	256	47	99	0.2	3.4	122.6	3.2	0.7	ABCN	13411
13078	1/0ACSR	39.7	24.9	0.0	ABCN	8	1	0	14	1392	165	32	99	0.0	3.4	122.6	0.4	-0.2	ABCN	13078
126	4ACSR	46.2	24.9	0.0	A N	121	18	8	6	122	17	8	99	0.1	3.6	122.4	0.1	-1.2	A N	126
13079	1/0ACSR	39.9	24.9	0.0	ABCN	8	1	0	13	1262	147	29	99	0.0	3.4	122.6	0.1	-0.1	ABCN	13079
130	1/0ACSR	43.0	24.9	0.0	ABCN	80	12	2	8	834	90	19	99	0.1	3.5	122.5	0.7	-1.8	ABCN	130
124	1/0ACSR	44.4	24.9	0.0	ABCN	126	18	3	7	742	79	17	99	0.0	3.6	122.4	0.2	-0.9	ABCN	124
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 124																				
	ABCN :	Tap = 4		RAISE																
Regulator			44.4	24.9	0.0	ABCN				14	616	61	14	100	-3.1	0.5	125.3	0.0	0.0	ABCN	Regulator
12411	1/0ACSR	50.4	24.9	0.0	ABCN	130	19	3	6	616	61	14	100	0.1	0.6	125.4	0.6	-4.0	ABCN	12411
12412	1/0ACSR	54.6	24.9	0.0	ABCN	58	8	1	5	485	46	11	100	0.1	0.7	125.3	0.3	-3.0	ABCN	12412
372	1/0ACSR	61.5	24.9	0.0	ABCN	64	9	1	4	394	39	9	100	0.1	0.8	125.2	0.3	-5.0	ABCN	372
360	1/0ACSR	65.3	24.9	0.0	ABCN	62	9	1	3	330	34	7	99	0.0	0.9	125.1	0.1	-2.9	ABCN	360
36011	1/0ACSR	66.0	24.9	0.0	ABCN	9	1	0	0	9	1	0	100	0.0	0.9	125.1	0.0	-0.5	ABCN	36011
115	4ACSR	70.2	24.9	0.0	A CN	6	1	0	6	258	27	9	99	0.2	1.1	124.9	0.4	-1.9	A CN	115
11511	2ACSR	75.5	24.9	0.0	A CN	20	3	1	5	251	28	8	99	0.1	1.3	124.7	0.2	-2.2	A CN	11511
11513	4ACSR	75.8	24.9	0.0	A N	3	0	0	2	46	4	3	100	0.0	1.3	124.7	0.0	-0.1	A N	11513
114	4ACSR	82.9	24.9	0.0	A N	15	2	1	1	15	1	1	100	0.0	1.3	124.7	0.0	-1.4	A N	114
129	4ACSR	84.5	24.9	0.0	A N	28	4	2	1	28	2	2	100	0.0	1.4	124.6	0.0	-1.7	A N	129
11512	6ACWC	82.7	24.9	0.0	A N	61	9	4	9	185	23	13	99	0.3	1.7	124.3	0.4	-1.2	A N	11512
122	4ACSR	88.5	24.9	0.0	A N	40	6	3	6	124	16	8	99	0.2	1.8	124.2	0.2	-1.1	A N	122
12097	4ACSR	94.0	24.9	0.0	A N	68	10	5	3	68	9	5	99	0.1	1.9	124.1	0.0	-1.1	A N	12097
12098	4ACSR	90.6	24.9	0.0	A N	17	2	1	1	17	2	1	99	0.0	1.9	124.1	0.0	-0.4	A N	12098
373	4ACSR	63.0	24.9	0.0	A N	32	5	2	2	32	2	2	100	0.0	0.9	125.1	0.0	-1.7	A N	373
375	4ACSR	70.3	24.9	0.0	A N	1	0	0	0	1	-1	0	-37	-0.0	0.9	125.1	0.0	-1.5	A N	375
127	4ACSR	47.3	24.9	0.0	A N	12	2	1	1	12	1	1	100	0.0	3.6	122.4	0.0	-0.8	A N	127
136	6ACWC	44.7	24.9	0.0	A N	192	26	13	21	419	56	29	99	0.5	3.9	122.1	1.3	-0.2	A N	136
13611	6ACWC	50.6	24.9	0.0	A N	155	23	11	11	225	30	16	99	0.3	4.2	121.8	0.4	-0.9	A N	13611
3751	6ACWC	53.1	24.9	0.0	A N	52	8	4	3	52	7	4	99	0.0	4.2	121.8	0.0	-0.5	A N	3751
378	6ACWC	57.5	24.9	0.0	A N	18	3	1	1	18	1	1	100	0.0	4.2	121.8	0.0	-1.3	A N	378
135	6ACWC	43.6	24.9	0.0	A N	75	11	5	31	626	88	43	99	0.8	4.2	121.8	3.7	1.3	A N	135
13511	6ACWC	48.0	24.9	0.0	A N	188	28	13	9	188	27	13	99	0.1	4.4	121.6	0.2	-0.7	A N	13511
13514	6ACWC	46.6	24.9	0.0	A N	26	4	2	18	359	48	25	99	0.3	4.5	121.5	0.8	-0.1	A N	13514
13512	6ACWC	52.3	24.9	0.0	A N	42	6	3	2	42	5	3	99	0.0	4.6	121.4	0.0	-1.1	A N	13512
13513	6ACWC	52.0	24.9	0.0	A N	164	24	11	14	291	40	20	99	0.3	4.9	121.1	0.6	-0.6	A N	13513
13515	6ACWC	55.1	24.9	0.0	A N	81	12	6	4	81	11	6	99	0.0	4.9	121.1	0.0	-0.6	A N	13515
13516	6ACWC	54.9	24.9	0.0	A N	13	2	1	2	46	5	3	99	0.0	4.9	121.1	0.0	-0.5	A N	13516
518	2ACSR	56.6	24.9	0.0	A N	24	3	2	1	33	4	2	99	0.0	4.9	121.1	0.0	-0.3	A N	518
13517	2ACSR	61.0	24.9	0.0	A N	9	1	1	0	9	0	1	100	0.0	4.9	121.1	0.0	-0.9	A N	13517

Three Forks Ckt 3 [redacted]ction Load Load Into Section -- 120V Bas[redacted] Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
13412	2ACSR	37.7	24.9	0.0	ABCN	107	16	2	1	107	15	2	99	0.0	3.1	122.9	0.0	-0.7	ABCN	13412
138	1/0ACSR	32.0	24.9	0.0	ABCN	-0	-0	0	5	540	52	12	100	0.0	2.6	123.4	0.1	-0.6	ABCN	138
11312	336ACSR	37.7	24.9	0.0	ABCN	44	7	1	1	204	6	5	100	0.0	2.7	123.3	0.0	-4.6	ABCN	11312
13311	336ACSR	40.9	24.9	0.0	ABCN	20	3	0	1	160	4	4	100	0.0	2.7	123.3	0.0	-2.7	ABCN	13311
13315	336ACSR	45.3	24.9	0.0	ABCN	12	2	0	0	94	-2	2	-100	0.0	2.7	123.3	0.0	-3.6	ABCN	13315
13314	336ACSR	46.0	24.9	0.0	ABCN	83	0	2	0	83	-1	2	-100	0.0	2.7	123.3	0.0	-0.6	ABCN	13314
13312	4ACSR	45.7	24.9	0.0	A N	45	7	3	2	45	6	3	99	0.0	2.7	123.3	0.0	-0.9	A N	13312
13313	1/0ACSR	34.9	24.9	0.0	ABCN	335	49	8	3	335	47	8	99	0.0	2.7	123.3	0.2	-1.9	ABCN	13313
132	1/0ACSR	26.4	24.9	0.0	ABCN	213	31	5	3	308	42	7	99	0.0	1.8	124.2	0.1	-1.3	ABCN	132
131	4ACSR	32.0	24.9	0.0	A N	40	6	3	5	95	12	6	99	0.1	2.0	124.0	0.1	-1.1	A N	131
11399	4ACSR	37.8	24.9	0.0	A N	55	8	4	3	56	7	4	99	0.1	2.0	124.0	0.0	-1.1	A N	11399
11251	4ACSR	26.0	24.9	0.0	A N	204	30	14	10	204	29	14	99	0.1	1.6	124.4	0.2	-0.6	A N	11251
9118	4ACSR	10.4	24.9	0.0	A N	66	10	4	14	288	41	19	99	0.3	0.7	125.3	0.6	-0.4	A N	9118
8116	4ACSR	15.0	24.9	0.0	A N	184	27	12	9	185	26	12	99	0.1	0.9	125.1	0.2	-0.8	A N	8116
91181	4ACSR	11.7	24.9	0.0	A N	37	5	2	2	37	5	2	99	0.0	0.7	125.3	0.0	-0.3	A N	91181

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********** Load-Flow Results For Trapp Ckt 1 **********
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Trapp Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					546	117	25	98			126.0			ABCN	Feeder
325	1/0ACSR	5.7	12.5	0.0	ABCN	38	9	2	11	546	117	25	98	0.5	0.5	125.5	2.1	0.5	ABCN	325
3250	1/0ACSR	5.9	12.5	0.0	ABCN	50	3	2	3	140	23	6	99	0.0	0.5	125.5	0.0	-0.0	ABCN	3250
3251	4ACSR	11.6	12.5	0.0	A N	90	21	12	9	90	21	12	97	0.3	0.9	125.1	0.2	-0.2	A N	3251
3252	1/0ACSR	9.1	12.5	0.0	ABCN	36	8	2	7	366	84	17	97	0.2	0.8	125.2	0.6	-0.2	ABCN	3252
324	4ACSR	13.1	12.5	0.0	A N	0	0	0	16	164	38	22	97	0.9	1.7	124.3	1.1	0.4	A N	324
312	4ACSR	20.6	12.5	0.0	A N	18	4	2	2	18	4	2	98	0.1	1.8	124.2	0.0	-0.4	A N	312
3241	4ACSR	15.3	12.5	0.0	A N	0	0	0	14	145	33	20	97	0.4	2.1	123.9	0.5	0.1	A N	3241
3061	4ACSR	21.7	12.5	0.0	A N	52	12	7	12	127	29	17	97	0.9	3.0	123.0	0.7	0.1	A N	3061
306	4ACSR	26.0	12.5	0.0	A N	74	17	10	7	74	17	10	97	0.2	3.2	122.8	0.1	-0.1	A N	306
3062	4ACSR	29.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.2	122.8	0.0	-0.2	A N	3062
313	4ACSR	19.1	12.5	0.0	A N	18	4	3	2	18	4	3	98	0.0	2.2	123.8	0.0	-0.2	A N	313
326	4ACSR	12.5	12.5	0.0	A N	2	0	0	16	166	38	23	97	0.7	1.6	124.4	0.9	0.3	A N	326
3261	4ACSR	15.0	12.5	0.0	A N	51	12	7	5	51	12	7	97	0.1	1.7	124.3	0.0	-0.1	A N	3261
3262	4ACSR	15.8	12.5	0.0	A N	21	5	3	11	112	26	15	97	0.5	2.0	124.0	0.4	0.0	A N	3262
3263	4ACSR	17.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-96	0.0	2.0	124.0	0.0	-0.1	A N	3263
327	4ACSR	21.8	12.5	0.0	A N	53	12	7	9	90	21	12	97	0.5	2.5	123.5	0.3	-0.1	A N	327
3271	4ACSR	28.6	12.5	0.0	A N	37	9	5	4	37	8	5	98	0.2	2.7	123.3	0.0	-0.3	A N	3271

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********** Load-Flow Results For Trapp Ckt 2 **********
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Trapp Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1117	253	50	98			126.0			ABCN	Feeder
339	336ACSR	0.9	12.5	0.0	ABCN	34	8	2	10	1117	253	50	98	0.1	0.1	125.9	0.4	0.6	ABCN	339
3391	336ACSR	2.4	12.5	0.0	ABCN	44	6	2	8	924	209	42	98	0.1	0.1	125.9	0.4	0.6	ABCN	3391
3392	1/0ACSR	5.9	12.5	0.0	ABCN	82	19	4	17	879	202	40	97	0.5	0.7	125.3	3.3	1.8	ABCN	3392
3393	1/0ACSR	8.8	12.5	0.0	ABCN	59	14	3	14	703	161	32	97	0.4	1.0	125.0	1.7	0.8	ABCN	3393
353	1/0ACSR	12.4	12.5	0.0	ABCN	86	20	4	9	471	107	21	98	0.3	1.3	124.7	0.9	0.0	ABCN	353
3531	1/0ACSR	16.3	12.5	0.0	ABCN	54	12	2	8	384	87	18	98	0.3	1.6	124.4	0.7	-0.2	ABCN	3531
366	4ACSR	16.9	12.5	0.0	ABCN	0	0	0	6	172	38	8	98	0.0	1.6	124.4	0.1	-0.1	ABCN	366
3661	4ACSR	19.6	12.5	0.0	A N	19	4	3	2	19	4	3	98	0.0	1.9	124.1	0.0	-0.1	A N	3661
3662	4ACSR	20.2	12.5	0.0	A N	27	6	4	15	152	34	21	98	0.6	2.5	123.5	0.7	0.2	A N	3662
3663	4ACSR	26.4	12.5	0.0	A N	54	13	8	12	125	27	17	98	0.8	3.3	122.7	0.6	0.0	A N	3663
3711	4ACSR	30.1	12.5	0.0	A N	1	0	0	4	43	9	6	98	0.2	3.5	122.5	0.1	-0.1	A N	3711
371	4ACSR	35.1	12.5	0.0	A N	13	3	2	4	38	8	5	98	0.2	3.7	122.3	0.1	-0.2	A N	371
3710	4ACSR	40.2	12.5	0.0	A N	25	6	3	2	25	6	3	98	0.1	3.8	122.2	0.0	-0.2	A N	3710
370	6ACWC	40.7	12.5	0.0	A N	4	1	1	0	4	0	1	99	0.0	3.6	122.4	0.0	-0.5	A N	370
603	4ACSR	33.9	12.5	0.0	A N	27	6	4	3	27	6	4	98	0.1	3.5	122.5	0.0	-0.4	A N	603
365	6ACWC	19.2	12.5	0.0	A N	29	7	4	16	158	36	22	98	0.5	2.4	123.6	0.6	0.2	A N	365
3651	6ACWC	27.0	12.5	0.0	A N	43	10	6	4	43	10	6	98	0.2	2.6	123.4	0.1	-0.3	A N	3651
3652	6ACWC	26.3	12.5	0.0	A N	39	9	5	8	85	19	12	98	0.6	3.0	123.0	0.3	-0.2	A N	3652
3653	6ACWC	30.7	12.5	0.0	A N	41	9	6	4	41	9	6	98	0.1	3.1	122.9	0.0	-0.2	A N	3653
3654	6ACWC	29.5	12.5	0.0	A N	5	1	1	0	5	1	1	98	0.0	3.0	123.0	0.0	-0.2	A N	3654
342	4ACSR	10.5	12.5	0.0	A N	25	6	3	17	171	39	23	98	0.3	1.5	124.5	0.4	0.1	A N	342
3422	4ACSR	12.3	12.5	0.0	A N	36	8	5	9	93	21	13	98	0.2	1.7	124.3	0.1	-0.0	A N	3422
34221	4ACSR	15.2	12.5	0.0	A N	0	0	0	6	57	13	8	98	0.2	1.9	124.1	0.1	-0.1	A N	34221
3423	4ACSR	19.4	12.5	0.0	A N	39	9	5	4	39	9	5	98	0.1	2.0	124.0	0.0	-0.2	A N	3423
3424	4ACSR	19.3	12.5	0.0	A N	17	4	2	2	17	4	2	98	0.0	2.0	124.0	0.0	-0.2	A N	3424
3421	4ACSR	16.2	12.5	0.0	A N	52	12	7	5	53	12	7	98	0.2	1.7	124.3	0.1	-0.2	A N	3421
349	4ACSR	9.3	12.5	0.0	A N	17	4	2	9	91	21	12	98	0.4	1.1	124.9	0.2	-0.1	A N	349
3491	4ACSR	10.9	12.5	0.0	A N	46	11	6	5	46	11	6	97	0.0	1.2	124.8	0.0	-0.1	A N	3491
352	4ACSR	15.7	12.5	0.0	A N	28	6	4	3	28	6	4	98	0.1	1.3	124.7	0.0	-0.3	A N	352
323	4ACSR	5.2	12.5	0.0	A N	19	4	3	15	158	36	21	98	0.8	0.9	125.1	0.9	0.3	A N	323
3231	4ACSR	10.4	12.5	0.0	A N	36	8	5	14	138	31	19	98	0.8	1.7	124.3	0.8	0.1	A N	3231
311	4ACSR	15.9	12.5	0.0	A N	25	6	3	8	82	18	11	98	0.5	2.2	123.8	0.3	-0.1	A N	311
31121	4ACSR	17.5	12.5	0.0	A N	0	0	0	6	57	13	8	98	0.1	2.4	123.6	0.1	-0.1	A N	31121
305	4ACSR	26.0	12.5	0.0	A N	57	13	8	6	57	13	8	98	0.3	2.7	123.3	0.1	-0.3	A N	305
33111	4ACSR	18.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.4	123.6	0.0	-0.0	A N	33111
322	4ACSR	17.5	12.5	0.0	A N	20	5	3	2	20	4	3	98	0.1	1.8	124.2	0.0	-0.3	A N	322

********** Load-Flow Results For Trapp Ckt 3 **********

Trapp Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					402	-76	18	-98			126.0			ABCN	Feeder
3380	336ACSR	0.9	12.5	0.0	ABCN	-0	0	0	3	402	-76	18	-98	0.0	0.0	126.0	0.1	-0.1	ABCN	3380
338	336ACSR	2.5	12.5	0.0	ABCN	0	-0	0	3	402	-76	18	-98	0.0	0.0	126.0	0.1	-0.2	ABCN	338
340	1/0ACSR	6.2	12.5	0.0	ABCN	139	-145	9	8	402	-76	18	-98	0.2	0.2	125.8	0.7	-0.2	ABCN	340
Capacitor (Wye-Gnd Connected) at Center of Section 340																				
ABCN : Nominal = 150 kvar Actual = 165 kvar																				
351	1/0ACSR	8.4	12.5	0.0	ABCN	7	2	0	4	223	58	10	97	0.1	0.3	125.7	0.1	-0.3	ABCN	351
350	1/0ACSR	13.8	12.5	0.0	ABCN	51	15	2	2	86	21	4	97	0.1	0.4	125.6	0.1	-1.0	ABCN	350
3501	1/0ACSR	18.3	12.5	0.0	ABCN	-0	0	0	0	13	1	1	100	0.0	0.4	125.6	0.0	-0.9	ABCN	3501
335	1/0ACSR	25.0	12.5	0.0	ABCN	13	4	1	0	13	2	1	98	0.0	0.4	125.6	0.0	-1.3	ABCN	335
359	1/0ACSR	21.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.4	125.6	0.0	-0.6	ABCN	359
336	4ACSR	29.8	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.4	A N	336
3502	4ACSR	20.9	12.5	0.0	A N	21	6	3	2	22	6	3	96	0.1	0.7	125.3	0.0	-0.3	A N	3502
357	4ACSR	13.7	12.5	0.0	A N	40	12	6	13	131	35	18	97	0.8	1.2	124.8	0.7	0.1	A N	357
3570	4ACSR	19.2	12.5	0.0	A N	37	11	5	9	90	23	12	97	0.5	1.7	124.3	0.3	-0.1	A N	3570
364	4ACSR	28.0	12.5	0.0	A N	52	12	7	5	52	12	7	97	0.3	2.1	123.9	0.1	-0.4	A N	364
337	4ACSR	12.4	12.5	0.0	A N	39	11	5	4	39	11	5	96	0.2	0.5	125.5	0.0	-0.3	A N	337

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********** Load-Flow Results For Van Meter Ckt 1 **********
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Van Meter Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					243	188	14	79			126.0			ABCN	Feeder
27	4ACSR	1.1	12.5	0.0	ABCN	-0	-0	0	10	243	188	14	79	0.1	0.1	125.9	0.3	-0.1	ABCN	27
27000	4ACSR	7.4	12.5	0.0	A N	225	177	38	29	242	188	41	79	1.3	1.5	124.5	2.8	1.1	A N	27000
28	4ACSR	12.7	12.5	0.0	A N	12	10	2	2	15	10	2	82	0.1	1.5	124.5	0.0	-0.3	A N	28
30	4ACSR	19.5	12.5	0.0	A N	1	1	0	0	1	1	0	88	0.0	1.5	124.5	0.0	-0.3	A N	30
31	4ACSR	19.1	12.5	0.0	A N	0	0	0	0	1	0	0	99	0.0	1.5	124.5	0.0	-0.3	A N	31
29	4ACSR	24.4	12.5	0.0	A N	1	1	0	0	1	0	0	91	0.0	1.5	124.5	0.0	-0.3	A N	29

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********** Load-Flow Results For Van Meter Ckt 2 **********

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Van Meter Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	KW	KVAR	Phs Cfg
Feeder			12.5	0.0	ABCN					3871	-326	171	-100			126.0			ABCN
26	1/0ACSR	5.4	12.5	0.0	ABCN	63	46	4	74	3871	-326	171	-100	3.0	3.0	123.0	98.4	73.4	ABCN
1300	1/0ACSR	10.7	12.5	0.0	ABCN	169	124	10	73	3709	-446	169	-99	2.7	5.7	120.3	93.6	69.9	ABCN
1301	1/0ACSR	14.3	12.5	0.0	ABCN	1	1	0	70	3446	-640	162	-98	1.7	7.4	118.6	59.0	44.0	ABCN
Regulator REG-219A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1301																			
	ABCN : Tap = 9 RAISE																		
Regulator			14.3	12.5	0.0	ABCN				74	3386	-684	162	-98	-6.9	0.5	125.5	-0.0	-0.0	ABCN
13011	1/0ACSR	14.6	12.5	0.0	ABCN	36	26	2	7	273	200	15	81	0.0	0.5	125.5	0.1	-0.0	ABCN
1302	1/0ACSR	15.4	12.5	0.0	AB N	105	77	9	8	238	174	20	81	0.1	0.5	125.5	0.1	0.0	AB N
1303	1/0ACSR	16.8	12.5	0.0	A N	132	97	22	9	132	97	22	81	0.1	0.7	125.3	0.1	0.0	A N
13012	1/0ACSR	14.6	12.5	0.0	ABCN	0	0	0	62	3113	-885	143	-96	0.1	0.6	125.4	4.9	3.6	ABCN
1305	1/0EPR	15.3	12.5	0.0	A N	79	58	13	10	126	92	21	81	0.2	0.9	125.1	0.2	0.1	A N
1304	1/0EPR	15.6	12.5	0.0	A N	47	34	8	4	47	34	8	81	0.0	0.9	125.1	0.0	-0.0	A N
13151	1/0ACSR	15.0	12.5	0.0	ABCN	-0	0	0	60	2982	-981	139	-95	0.1	0.7	125.3	4.2	3.1	ABCN
1306	1/0EPR	15.2	12.5	0.0	A N	17	13	3	15	182	134	30	81	0.2	0.9	125.1	0.2	0.2	A N
1307	1/0EPR	15.6	12.5	0.0	A N	50	37	8	8	100	73	17	81	0.1	1.1	124.9	0.1	0.0	A N
1310	1/0EPR	16.1	12.5	0.0	A N	50	37	8	4	50	36	8	81	0.0	1.1	124.9	0.0	-0.0	A N
1332	1/0EPR	15.7	12.5	0.0	A N	65	48	11	5	65	48	11	81	0.1	1.0	125.0	0.0	-0.0	A N
13161	1/0ACSR	15.4	12.5	0.0	ABCN	27	19	1	58	2796	-1118	134	-93	0.1	0.9	125.1	4.5	3.3	ABCN
13171	1/0ACSR	15.6	12.5	0.0	ABCN	11	8	1	55	2565	-1287	127	-89	0.1	0.9	125.1	2.4	1.8	ABCN
13181	1/0ACSR	15.8	12.5	0.0	ABCN	-0	-0	0	55	2552	-1297	127	-89	0.0	1.0	125.0	1.8	1.3	ABCN
13141	1/0ACSR	16.9	12.5	0.0	ABCN	48	35	3	55	2479	-1350	125	-88	0.2	1.2	124.8	10.8	8.0	ABCN
13143	1/0ACSR	17.1	12.5	0.0	ABCN	-0	0	0	54	2420	-1394	124	-87	0.1	1.3	124.7	2.7	2.0	ABCN
13131	1/0ACSR	17.5	12.5	0.0	ABCN	0	-0	0	21	1045	-197	47	-98	0.1	1.3	124.7	0.5	0.3	ABCN
1309	1/0ACSR	17.6	12.5	0.0	ABCN	12	9	1	4	164	120	9	81	0.0	1.3	124.7	0.0	-0.0	ABCN
1308	1/0ACSR	19.7	12.5	0.0	A N	151	111	25	11	151	111	25	81	0.2	1.5	124.5	0.2	0.1	A N
1329	1/0ACSR	20.4	12.5	0.0	ABCN	291	-323	19	18	881	-318	42	-94	0.3	1.6	124.4	2.6	1.6	ABCN
Capacitor (Wye-Gnd Connected) at Center of Section 1329																			
	ABCN : Nominal = 300 kvar Actual = 323 kvar																		
1330	1/0EPR	20.8	12.5	0.0	ABCN	584	0	26	13	586	2	26	100	0.1	1.7	124.3	1.5	1.6	ABCN
13142	1/0ACSR	18.0	12.5	0.0	ABCN	7	-0	0	35	1373	-1198	81	-75	0.1	1.3	124.7	3.5	2.5	ABCN
131421	1/0ACSR	18.2	12.5	0.0	ABCN	-0	-648	29	35	1326	-1201	80	-74	0.0	1.3	124.7	0.8	0.6	ABCN
Capacitor (Wye-Gnd Connected) at Center of Section 131421																			
	ABCN : Nominal = 600 kvar Actual = 648 kvar																		
13261	1/0ACSR	18.8	12.5	0.0	ABCN	31	-624	28	28	1325	-554	64	-92	0.1	1.4	124.6	1.3	0.9	ABCN
Capacitor (Wye-Gnd Connected) at Center of Section 13261																			
	ABCN : Nominal = 600 kvar Actual = 647 kvar																		
13241	1/0ACSR	19.1	12.5	0.0	ABCN	19	14	1	6	312	65	14	98	0.0	1.5	124.5	0.0	-0.0	ABCN
13231	1/0ACSR	19.2	12.5	0.0	ABCN	224	0	10	6	293	51	13	99	0.0	1.5	124.5	0.0	-0.0	ABCN
13222	1/0EPR	20.2	12.5	0.0	A N	48	35	8	4	48	35	8	81	0.1	1.6	124.4	0.0	-0.0	A N
13232	4ACSR	19.6	12.5	0.0	A N	21	15	3	2	21	15	3	81	0.0	1.5	124.5	0.0	-0.0	A N
13251	1/0ACSR	20.1	12.5	0.0	ABCN	977	1	44	19	980	4	44	100	0.1	1.5	124.5	2.9	2.8	ABCN
13281	1/0ACSR	18.5	12.5	0.0	ABCN	36	0	2	1	36	-0	2	-100	0.0	1.3	124.7	0.0	-0.1	ABCN
13201	1/0EPR	16.5	12.5	0.0	A N	71	52	12	6	71	52	12	81	0.1	1.1	124.9	0.1	0.0	A N
13191	2ACSR	16.2	12.5	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	0.9	125.1	-0.0	-0.0	A N
1333	1/0EPR	15.6	12.5	0.0	ABCN	0	0	0	5	200	147	11	81	0.1	0.9	125.1	0.1	0.0	ABCN
1334	1/0EPR	16.0	12.5	0.0	ABCN	49	36	3	5	200	146	11	81	0.1	1.0	125.0	0.1	0.0	ABCN
1312	1/0EPR	16.7	12.5	0.0	ABCN	151	111	8	4	151	111	8	81	0.1	1.1	124.9	0.2	0.1	ABCN
1335	1/0EPR	16.2	12.5	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	1.0	125.0	-0.0	-0.0	A N

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********** Load-Flow Results For Van Meter Ckt 3 **********

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Van Meter Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1896	1144	98	86			126.0			ABCN	Feeder
	25	1/0ACSR	6.4	12.5	0.0	ABCN	47	37	3	42	1896	1144	98	86	2.7	2.7	123.3	37.8	27.4	ABCN	25
	1325	1/0ACSR	11.2	12.5	0.0	ABCN	77	61	4	41	1811	1080	95	86	2.0	4.7	121.3	26.3	19.0	ABCN	1325
	17	1/0ACSR	13.7	12.5	0.0	ABCN	101	63	5	39	1707	1000	91	86	1.0	5.7	120.3	12.6	9.1	ABCN	17
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 17																				
	ABCN : Tap = 7 RAISE																				
C	Regulator			13.7	12.5	0.0	ABCN				85	1594	928	85	86	-5.3	0.4	125.6	0.0	0.0	ABCN	Regulator
	15	1/0ACSR	14.9	12.5	0.0	ABCN	97	76	6	35	1559	901	80	87	0.4	0.8	125.2	4.4	3.1	ABCN	15
	13	1/0ACSR	19.7	12.5	0.0	ABCN	47	37	3	23	1075	530	53	90	1.1	1.9	124.1	8.2	5.3	ABCN	13
	1319	1/0ACSR	24.3	12.5	0.0	ABCN	65	51	4	22	1019	488	51	90	1.0	2.8	123.2	7.1	4.5	ABCN	1319
	1328	1/0ACSR	25.5	12.5	0.0	ABCN	16	13	1	19	908	403	45	91	0.2	3.1	122.9	1.5	0.9	ABCN	1328
	9001	1/0ACSR	31.6	12.5	0.0	ABCN	188	-72	9	13	613	258	30	92	0.7	3.8	122.2	3.4	1.6	ABCN	9001
	Capacitor (Wye-Gnd Connected) at Center of Section 9001																				
	ABCN : Nominal = 150 kvar Actual = 156 kvar																				
	90011	1/0ACSR	35.7	12.5	0.0	ABCN	30	23	2	11	422	328	24	79	0.4	4.2	121.8	1.4	0.4	ABCN	90011
	1	1/0ACSR	43.1	12.5	0.0	ABCN	55	43	3	8	331	257	19	79	0.6	4.8	121.2	1.5	-0.2	ABCN	1
	1326	4ACSR	51.7	12.5	0.0	A N	103	81	18	13	104	81	18	79	0.8	6.8	119.2	0.8	0.0	A N	1326
	1327	1/0ACSR	48.3	12.5	0.0	ABCN	31	24	2	4	170	132	10	79	0.2	5.0	121.0	0.3	-0.7	ABCN	1327
	1324	4ACSR	50.1	12.5	0.0	A N	55	43	10	7	55	43	10	79	0.1	6.4	119.6	0.0	-0.1	A N	1324
	13271	4ACSR	50.1	12.5	0.0	A N	82	64	15	10	82	64	15	79	0.1	6.4	119.6	0.1	-0.0	A N	13271
	90012	4ACSR	41.9	12.5	0.0	A N	59	46	10	7	59	46	10	79	0.3	5.6	120.4	0.2	-0.2	A N	90012
	11	4ACSR	28.9	12.5	0.0	A N	4	4	1	30	276	130	42	90	1.4	5.1	120.9	3.1	1.5	A N	11
	1320	4ACSR	33.5	12.5	0.0	A N	20	16	3	2	20	15	3	79	0.1	5.2	120.8	0.0	-0.2	A N	1320
	7	4ACSR	36.6	12.5	0.0	A N	122	13	17	27	248	109	37	92	2.3	7.4	118.6	3.8	1.7	A N	7
L	1322	4ACSR	40.9	12.5	0.0	A N	53	42	10	15	122	95	22	79	0.7	8.1	117.9	0.7	0.2	A N	1322
L	1323	4ACSR	48.7	12.5	0.0	A N	56	44	10	9	68	53	12	79	0.5	8.6	117.4	0.3	-0.2	A N	1323
L	10	4ACSR	54.6	12.5	0.0	A N	11	9	2	1	11	9	2	80	0.1	8.7	117.3	0.0	-0.3	A N	10
	12	4ACSR	34.5	12.5	0.0	A N	38	30	7	5	38	29	7	79	0.3	3.8	122.2	0.1	-0.4	A N	12
	20	4ACSR	18.5	12.5	0.0	ABCN	144	113	8	15	382	291	21	80	0.5	1.3	124.7	2.1	0.2	ABCN	20
	1313	4ACSR	24.8	12.5	0.0	ABCN	50	39	3	9	235	177	13	80	0.6	1.9	124.1	1.4	-0.6	ABCN	1313
	1314	1/0ACSR	26.4	12.5	0.0	ABCN	5	4	0	4	184	139	10	80	0.1	2.0	124.0	0.1	-0.2	ABCN	1314
	1315	4ACSR	33.3	12.5	0.0	A N	37	29	6	4	37	28	6	79	0.2	3.1	122.9	0.1	-0.3	A N	1315
	1316	1/0ACSR	29.2	12.5	0.0	ABCN	0	-0	0	3	142	106	8	80	0.1	2.0	124.0	0.1	-0.4	ABCN	1316
	21	4ACSR	35.8	12.5	0.0	A N	5	4	1	1	5	3	1	81	0.0	3.0	123.0	0.0	-0.3	A N	21
	22	4ACSR	38.1	12.5	0.0	ABCN	40	32	2	6	137	104	8	80	0.5	2.5	123.5	0.7	-1.3	ABCN	22
	1318	4ACSR	44.2	12.5	0.0	ABCN	38	29	2	4	95	73	5	79	0.2	2.7	123.3	0.2	-1.0	ABCN	1318
	23	4ACSR	51.9	12.5	0.0	A N	57	44	10	7	57	44	10	79	0.4	4.4	121.6	0.2	-0.3	A N	23
	1317	4ACSR	31.7	12.5	0.0	ABCN	0	0	0	0	0	-0	0	-13	-0.0	2.0	124.0	0.0	-0.4	ABCN	1317
	16	4ACSR	17.8	12.5	0.0	A N	34	27	6	4	35	27	6	79	0.1	0.9	125.1	0.0	-0.2	A N	16

Project : July 1998 Model
Licensed To : *Clark Rural Electric Cooperative Corporation*
Run Time : 08/03/99 20:35:51
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Analysis Options:
Using Balanced Model

Convergence took 7 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For A.O. Smith Ckt 1 **********
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A.O. Smith Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg
	Feeder			24.9	0.0	ABCN					1879	743	45	93			126.0			ABCN
4387		1/0ACSR	0.1	24.9	0.0	ABCN	0	-0	0	19	1879	743	45	93	0.0	0.0	126.0	0.1	0.0	ABCN
438		1/0ACSR	1.2	24.9	0.0	ABCN	299	-327	10	17	1645	734	40	91	0.1	0.1	125.9	1.1	-0.0	ABCN
	Capacitor (Wye-Gnd Connected) at Center of Section 438																			
	ABCN : Nominal = 300 kvar Actual = 330 kvar																			
4381		1/0ACSR	1.9	24.9	0.0	ABCN	0	0	0	8	608	618	19	70	0.0	0.1	125.9	0.2	-0.5	ABCN
452		1/0ACSR	7.5	24.9	0.0	ABCN	6	7	0	6	433	481	14	67	0.2	0.3	125.7	0.7	-3.7	ABCN
441		1/0ACSR	12.1	24.9	0.0	ABCN	43	52	1	5	366	422	12	66	0.1	0.4	125.6	0.4	-3.2	ABCN
433		4ACSR	18.9	24.9	0.0	A N	22	26	2	2	22	25	2	66	0.0	0.5	125.5	0.0	-1.4	A N
434		1/0ACSR	16.7	24.9	0.0	ABCN	33	40	1	4	301	348	10	65	0.1	0.5	125.5	0.3	-3.3	ABCN
4341		1/0ACSR	20.6	24.9	0.0	ABCN	46	55	2	4	268	311	9	65	0.1	0.6	125.4	0.2	-2.9	ABCN
4342		1/0ACSR	21.2	24.9	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.4	ABCN
427		4ACSR	24.9	24.9	0.0	A N	31	38	3	16	222	259	23	65	0.4	1.1	124.9	1.0	-0.3	A N
430		4ACSR	27.2	24.9	0.0	A N	19	23	2	1	19	23	2	64	0.0	1.1	124.9	0.0	-0.5	A N
435		4ACSR	28.4	24.9	0.0	A N	22	26	2	12	171	199	17	65	0.3	1.4	124.6	0.5	-0.4	A N
4351		4ACSR	31.7	24.9	0.0	A N	11	13	1	11	148	172	15	65	0.2	1.6	124.4	0.4	-0.5	A N
436		4ACSR	36.9	24.9	0.0	A N	14	17	1	10	137	159	14	65	0.3	1.9	124.1	0.5	-0.8	A N
431		4ACSR	44.7	24.9	0.0	A N	26	31	3	2	26	30	3	65	0.0	2.0	124.0	0.0	-1.5	A N
437		4ACSR	42.9	24.9	0.0	A N	10	12	1	7	97	114	10	65	0.3	2.2	123.8	0.3	-1.0	A N
4371		4ACSR	48.6	24.9	0.0	A N	42	51	4	6	87	103	9	65	0.2	2.4	123.6	0.2	-1.1	A N
4372		4ACSR	54.6	24.9	0.0	A N	33	40	4	2	33	39	3	65	0.0	2.4	123.6	0.0	-1.2	A N
443		4ACSR	51.0	24.9	0.0	A N	12	15	1	1	12	14	1	65	0.0	2.4	123.6	0.0	-0.5	A N
440		4ACSR	17.0	24.9	0.0	A N	60	58	6	4	60	56	5	73	0.1	0.5	125.5	0.1	-1.9	A N
439		1/0ACSR	4.9	24.9	0.0	ABCN	175	140	5	2	175	138	5	79	0.0	0.1	125.9	0.1	-2.2	ABCN
4382		1/0ACSR	2.3	24.9	0.0	ABCN	43	52	1	8	737	443	19	86	0.0	0.1	125.9	0.2	-0.7	ABCN
4383		1/0ACSR	2.7	24.9	0.0	ABCN	342	4	8	3	342	4	8	100	0.0	0.1	125.9	0.0	-0.3	ABCN
4384		1/0ACSR	4.5	24.9	0.0	ABCN	0	0	0	5	352	388	12	67	0.1	0.2	125.8	0.2	-1.5	ABCN
43840		1/0ACSR	5.8	24.9	0.0	ABCN	0	-0	0	5	311	364	11	65	0.0	0.2	125.8	0.1	-0.9	ABCN
43842		1/0ACSR	7.5	24.9	0.0	A N	0	0	0	14	311	364	32	65	0.2	0.4	125.6	0.5	0.1	A N
43843		1/0EPR	10.9	24.9	0.0	A N	5	7	1	16	310	364	32	65	1.3	1.8	124.2	3.4	2.9	A N
43844		1/0ACSR	14.7	24.9	0.0	A N	0	0	0	14	301	355	31	65	0.4	2.1	123.9	1.0	0.2	A N
4512		4ACSR	17.4	24.9	0.0	A N	13	16	1	22	300	355	31	65	0.4	2.5	123.5	1.4	0.2	A N
451		4ACSR	21.8	24.9	0.0	A N	19	23	2	15	200	240	21	64	0.4	2.9	123.1	0.9	-0.4	A N
4511		2ACSR	25.9	24.9	0.0	A N	179	218	19	11	179	217	19	64	0.1	3.1	122.9	0.3	-0.6	A N
4513		4ACSR	19.3	24.9	0.0	A N	7	9	1	6	87	99	9	66	0.1	2.6	123.4	0.1	-0.3	A N
450		4ACSR	26.2	24.9	0.0	A N	27	33	3	2	27	32	3	65	0.0	2.6	123.4	0.0	-1.3	A N
1201		4ACSR	21.7	24.9	0.0	A N	10	12	1	4	52	59	5	67	0.1	2.7	123.3	0.0	-0.4	A N
446		4ACSR	27.6	24.9	0.0	A N	18	21	2	1	18	20	2	66	0.0	2.7	123.3	0.0	-1.2	A N
4461		4ACSR	22.2	24.9	0.0	A N	0	0	0	2	25	27	3	68	0.0	2.7	123.3	0.0	-0.1	A N
445		4ACSR	28.8	24.9	0.0	A N	13	16	1	1	13	14	1	69	0.0	2.7	123.3	0.0	-1.3	A N
4431		4ACSR	29.3	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.7	123.3	0.0	-0.1	A N
4432		4ACSR	30.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.7	123.3	0.0	-0.3	A N
444		4ACSR	32.4	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.7	123.3	0.0	-0.7	A N
447		4ACSR	26.9	24.9	0.0	A N	12	14	1	1	12	14	1	66	0.0	2.7	123.3	0.0	-0.9	A N

A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	[redacted]ction Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Ba[redacted] Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
43841	1/0ACSR	5.4	24.9	0.0	ABCN	16	7	0	0	41	26	1	84	0.0	0.2	125.8	0.0	-0.7	ABCN	43841
4385	1/0ACSR	6.3	24.9	0.0	ABCN	25	20	1	0	25	20	1	79	0.0	0.2	125.8	0.0	-0.7	ABCN	4385
4386	1/0ACSR	2.2	24.9	0.0	ABCN	234	10	5	2	234	8	5	100	0.0	0.0	126.0	0.1	-1.6	ABCN	4386

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********** Load-Flow Results For Bowen Ckt 1 **********
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Bowen Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1492	672	72	91			126.0			ABCN	Feeder
771	397ACSR	3.2	12.5	0.0	ABCN	13	11	1	12	1492	672	72	91	0.4	0.4	125.6	2.4	5.3	ABCN	771
7711	397ACSR	4.5	12.5	0.0	ABCN	9	8	1	12	1477	656	71	91	0.1	0.5	125.5	1.0	2.1	ABCN	7711
77110	1/0EPR	5.6	12.5	0.0	ABCN	0	-0	0	27	1175	402	55	95	1.3	1.8	124.2	9.9	10.1	ABCN	77110
77111	336ACSR	9.0	12.5	0.0	ABCN	2	1	0	10	1165	392	55	95	0.3	2.1	123.9	1.8	3.0	ABCN	77111
772	1/0ACSR	9.8	12.5	0.0	ABCN	7	6	0	0	7	6	0	76	0.0	2.1	123.9	0.0	-0.1	ABCN	772
77200	4ACSR	12.4	12.5	0.0	ABCN	15	13	1	39	1154	381	55	95	1.6	3.6	122.4	14.5	4.2	ABCN	77200
774	4ACSR	16.3	12.5	0.0	ABCN	28	24	2	38	1109	351	53	95	1.8	5.4	120.6	15.6	4.5	ABCN	774
7741	336ACSR	21.9	12.5	0.0	ABCN	24	21	1	9	965	235	46	97	0.4	5.8	120.2	2.0	3.0	ABCN	7741
777	1/0ACSR	26.1	12.5	0.0	ABCN	28	24	2	19	939	211	44	98	0.7	6.5	119.5	5.1	3.1	ABCN	777
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 777																				
ABCN : Tap = 8 RAISE																				
Regulator		26.1	12.5	0.0	ABCN				43	906	184	43	98	-6.0	0.5	125.5	-0.0	-0.0	ABCN	Regulator
77701	4ACSR	27.9	12.5	0.0	ABCN	44	12	2	26	807	113	36	99	0.5	1.1	124.9	3.4	0.8	ABCN	77701
1003	4ACSR	32.1	12.5	0.0	ABCN	106	38	5	24	760	101	34	99	1.1	2.2	123.8	6.3	1.4	ABCN	1003
1005	6ACWC	33.6	12.5	0.0	ABCN	48	42	3	21	647	61	29	100	0.3	2.5	123.5	1.7	0.3	ABCN	1005
10053	6ACWC	34.8	12.5	0.0	ABCN	31	7	1	1	31	7	1	98	0.0	2.5	123.5	0.0	-0.2	ABCN	10053
10054	1/0ACSR	37.4	12.5	0.0	ABCN	10	9	1	11	566	12	25	100	0.3	2.8	123.2	1.5	0.5	ABCN	10054
10051	4ACSR	39.9	12.5	0.0	ABCN	548	1	25	18	552	2	25	100	0.3	3.1	122.9	3.8	1.6	ABCN	10051
10052	4ACSR	43.0	12.5	0.0	AB N	0	0	0	0	0	-0	0	0	-0.0	3.2	122.8	0.0	-0.3	AB N	10052
7771	1/0ACSR	26.5	12.5	0.0	ABCN	-0	-0	0	2	98	71	5	81	0.0	0.5	125.5	0.0	-0.1	ABCN	7771
77700	1/0ACSR	28.0	12.5	0.0	ABCN	17	14	1	2	97	69	5	81	0.0	0.6	125.4	0.0	-0.3	ABCN	77700
1004	2ACSR	36.4	12.5	0.0	A N	3	2	0	7	80	55	13	82	0.8	1.6	124.4	0.5	-0.1	A N	1004
1008	2ACSR	44.3	12.5	0.0	A N	76	53	13	7	77	53	12	82	0.4	1.9	124.1	0.2	-0.2	A N	1008
77702	2ACSR	30.2	12.5	0.0	A N	1	1	0	0	1	1	0	81	0.0	0.7	125.3	0.0	-0.2	A N	77702
77400	4ACSR	18.2	12.5	0.0	ABCN	47	41	3	4	101	87	6	76	0.1	5.5	120.5	0.1	-0.3	ABCN	77400
775	4ACSR	29.1	12.5	0.0	A N	53	46	10	7	54	46	10	76	0.5	6.2	119.8	0.3	-0.4	A N	775
77201	4ACSR	15.0	12.5	0.0	A N	15	13	3	2	15	13	3	76	0.0	3.7	122.3	0.0	-0.1	A N	77201
773	4ACSR	9.8	12.5	0.0	A N	34	29	6	36	292	244	51	77	2.4	3.0	123.0	6.3	3.1	A N	773
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 773																				
A N : Tap = 4 RAISE																				
H Regulator		9.8	12.5	0.0	A N				45	252	211	45	77	-3.1	-0.1	126.1	0.0	-0.0	A N	Regulator
776	4ACSR	16.5	12.5	0.0	A N	22	19	4	31	252	211	43	77	2.7	2.6	123.4	6.2	2.9	A N	776
1001	4ACSR	17.8	12.5	0.0	A N	18	16	3	16	125	106	22	76	0.3	2.9	123.1	0.3	0.1	A N	1001
10011	4ACSR	21.3	12.5	0.0	A N	28	24	5	14	107	90	19	76	0.6	3.4	122.6	0.5	0.1	A N	10011
10012	4ACSR	25.0	12.5	0.0	A N	4	3	1	9	74	62	13	77	0.5	3.9	122.1	0.3	-0.0	A N	10012
1000	4ACSR	30.8	12.5	0.0	A N	17	15	3	9	70	59	13	76	0.6	4.5	121.5	0.4	-0.1	A N	1000
10001	4ACSR	37.0	12.5	0.0	A N	6	5	1	7	53	45	10	76	0.5	5.1	120.9	0.3	-0.2	A N	10001
10002	4ACSR	46.8	12.5	0.0	A N	17	15	3	2	17	15	3	77	0.1	5.2	120.8	0.0	-0.5	A N	10002
10003	4ACSR	48.4	12.5	0.0	A N	29	25	5	4	29	25	5	76	0.3	5.4	120.6	0.1	-0.5	A N	10003
10013	4ACSR	27.7	12.5	0.0	A N	4	4	1	1	4	3	1	78	0.0	3.4	122.6	0.0	-0.3	A N	10013
1002	4ACSR	23.1	12.5	0.0	A N	21	19	4	12	98	84	17	76	1.0	3.6	122.4	0.9	0.1	A N	1002
1006	4ACSR	27.8	12.5	0.0	A N	14	12	2	2	14	12	2	76	0.1	3.7	122.3	0.0	-0.2	A N	1006
1007	4ACSR	29.4	12.5	0.0	A N	18	16	3	8	63	53	11	76	0.6	4.2	121.8	0.3	-0.1	A N	1007
1009	4ACSR	32.8	12.5	0.0	A N	7	6	1	1	7	6	1	76	0.0	4.2	121.8	0.0	-0.2	A N	1009
10111	4ACSR	30.9	12.5	0.0	A N	2	2	0	5	37	32	7	76	0.1	4.3	121.7	0.0	-0.1	A N	10111
1011	4ACSR	39.9	12.5	0.0	A N	35	31	6	5	35	30	6	76	0.3	4.6	121.4	0.1	-0.4	A N	1011

********** Load-Flow Results For Bowen Ckt 2 **********

Bowen Ckt 2 Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1066	-253	48	-97			126.0			ABCN	Feeder
768	4ACSR	2.7	12.5	0.0	ABCN	545	-429	31	35	1066	-253	48	-97	0.8	0.8	125.2	9.0	3.4	ABCN	768
Capacitor (Wye-Gnd Connected) at Center of Section 768																				
	ABCN : Nominal = 600 kvar						Actual = 656 kvar													
77011	4ACSR	3.3	12.5	0.0	ABCN	492	25	22	17	509	172	24	95	0.1	0.8	125.2	0.7	0.3	ABCN	77011
770	4ACSR	9.7	12.5	0.0	A N	12	106	14	14	17	145	20	11	0.4	2.2	123.8	0.7	0.1	A N	770
7701	4ACSR	14.7	12.5	0.0	A N	2	18	2	4	4	39	5	11	0.1	2.3	123.7	0.0	-0.2	A N	7701
7702	4ACSR	19.7	12.5	0.0	A N	2	19	3	2	2	19	3	11	0.0	2.3	123.7	0.0	-0.2	A N	7702
7703	4ACSR	19.4	12.5	0.0	A N	0	3	0	0	0	2	0	12	0.0	2.3	123.7	0.0	-0.2	A N	7703

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********** Load-Flow Results For Bowen Ckt 3 **********
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Bowen Ckt 3						Section Load				Load Into Section			-- 120V Base --				Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg Section
	Feeder			12.5	0.0	ABCN					1292	977	71	80			126.0			ABCN Feeder
	767	4ACSR	6.0	12.5	0.0	ABCN	87	76	5	51	1292	977	71	80	3.3	3.3	122.7	41.7	12.8	ABCN 767
	766	397ACSR	8.4	12.5	0.0	ABCN	0	0	0	8	788	665	47	76	0.2	3.5	122.5	0.8	1.4	ABCN 766
	753	1/0CU	12.4	12.5	0.0	ABCN	11	10	1	12	608	514	36	76	0.4	4.0	122.0	1.8	1.4	ABCN 753
	765	1/0CU	18.0	12.5	0.0	ABCN	5	5	0	9	487	411	29	76	0.5	4.4	121.6	1.6	1.0	ABCN 765
	760	1/0CU	21.8	12.5	0.0	ABCN	0	~0	0	8	422	356	25	76	0.3	4.7	121.3	0.8	0.3	ABCN 760
	761	4ACSR	25.1	12.5	0.0	A N	25	22	5	54	419	355	76	76	2.4	7.4	118.6	9.5	4.8	A N 761
	762	4ACSR	25.9	12.5	0.0	A N	14	12	3	51	384	328	71	76	0.5	8.0	118.0	2.0	1.0	A N 762
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 762																			
	A N : Tap = 10 RAISE																			
	Regulator			25.9	12.5	0.0	A N				69	369	315	69	76	-7.4	0.6	125.4	0.0	0.0	A N Regulator
	7621	4ACSR	27.7	12.5	0.0	A N	15	13	3	2	15	13	3	76	0.0	0.6	125.4	0.0	-0.1	A N 7621
	7622	4ACSR	30.7	12.5	0.0	A N	96	83	17	44	354	302	62	76	2.5	3.1	122.9	7.4	3.7	A N 7622
	7624	4ACSR	35.9	12.5	0.0	A N	43	37	8	23	178	153	32	76	1.4	4.5	121.5	2.2	0.9	A N 7624
	7625	4ACSR	41.6	12.5	0.0	A N	89	77	16	17	134	115	24	76	0.9	5.4	120.6	1.0	0.3	A N 7625
	7626	4ACSR	47.5	12.5	0.0	A N	44	38	8	6	44	38	8	76	0.2	5.6	120.4	0.1	-0.2	A N 7626
	7623	4ACSR	33.3	12.5	0.0	A N	72	62	13	9	72	62	13	76	0.2	3.3	122.7	0.1	-0.1	A N 7623
	751	4ACSR	23.6	12.5	0.0	A N	40	35	7	7	58	50	10	76	0.4	5.2	120.8	0.2	-0.2	A N 751
	7511	4ACSR	29.9	12.5	0.0	A N	18	15	3	2	18	15	3	76	0.1	5.3	120.7	0.0	-0.3	A N 7511
	752	1/0CU	18.5	12.5	0.0	ABCN	3	2	0	2	108	91	6	76	0.1	4.1	121.9	0.1	-1.0	ABCN 752
	746	4ACSR	23.9	12.5	0.0	A N	59	51	11	14	105	90	19	76	0.7	5.1	120.9	0.6	0.1	A N 746
	7461	4ACSR	28.4	12.5	0.0	A N	9	8	2	6	45	39	8	76	0.3	5.5	120.5	0.1	-0.1	A N 7461
	7462	4ACSR	34.5	12.5	0.0	A N	36	31	7	5	36	31	7	76	0.2	5.7	120.3	0.1	-0.2	A N 7462
	7531	4ACSR	9.9	12.5	0.0	ABCN	11	9	1	8	179	149	11	77	0.1	3.7	122.3	0.2	-0.2	ABCN 7531
	754	4ACSR	13.2	12.5	0.0	A N	42	37	8	21	168	140	30	77	0.9	4.9	121.1	1.2	0.5	A N 754
	7541	4ACSR	16.7	12.5	0.0	A N	39	34	7	16	124	103	22	77	0.6	5.5	120.5	0.7	0.2	A N 7541
	7542	4ACSR	24.4	12.5	0.0	A N	12	10	2	11	85	69	15	78	1.1	6.5	119.5	0.8	0.1	A N 7542
	7543	2ACSR	28.0	12.5	0.0	A N	11	9	2	7	72	59	13	78	0.3	6.9	119.1	0.2	-0.0	A N 7543
	7544	2ACSR	32.8	12.5	0.0	A N	0	0	0	6	61	49	11	78	0.4	7.3	118.7	0.2	-0.1	A N 7544
	755	4ACSR	42.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-7	-0.0	7.3	118.7	0.0	-0.4	A N 755
	756	4ACSR	34.2	12.5	0.0	A N	8	7	1	8	61	50	11	77	0.1	7.4	118.6	0.1	-0.0	A N 756
	7561	4ACSR	41.0	12.5	0.0	A N	15	13	3	2	15	13	3	76	0.1	7.5	118.5	0.0	-0.3	A N 7561
	7562	4ACSR	42.6	12.5	0.0	A N	2	2	0	5	38	30	7	78	0.5	8.0	118.0	0.2	-0.3	A N 7562
L	7563	2ACSR	49.4	12.5	0.0	A N	6	5	1	4	36	29	6	78	0.3	8.3	117.7	0.1	-0.3	A N 7563
L	7564	2ACSR	53.8	12.5	0.0	A N	0	0	0	3	30	24	5	78	0.2	8.4	117.6	0.0	-0.2	A N 7564
L	7565	4ACSR	59.6	12.5	0.0	A N	0	0	0	4	30	24	5	78	0.3	8.7	117.3	0.1	-0.2	A N 7565
L	11311	4ACSR	64.9	12.5	0.0	A N	13	11	2	2	13	10	2	78	0.1	8.8	117.2	0.0	-0.2	A N 11311
L	1131	4ACSR	72.9	12.5	0.0	A N	0	0	0	0	0	-1	0	-53	-0.0	8.8	117.2	0.0	-0.4	A N 1131
L	11313	4ACSR	82.7	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	8.8	117.2	0.0	-0.4	A N 11313
L	1132	4ACSR	66.5	12.5	0.0	A N	16	14	3	2	16	14	3	76	0.1	8.9	117.1	0.0	-0.3	A N 1132
	764	4ACSR	8.3	12.5	0.0	ABCN	61	53	4	14	375	224	20	86	0.4	3.7	122.3	1.2	0.0	ABCN 764
	7641	4ACSR	11.1	12.5	0.0	A N	42	36	8	5	42	36	8	76	0.1	4.2	121.8	0.0	-0.1	A N 7641
	7642	2ACSR	12.6	12.5	0.0	ABCN	142	25	7	8	271	135	14	90	0.3	3.9	122.1	0.7	-0.3	ABCN 7642
	7643	6ACWC	14.0	12.5	0.0	ABCN	4	4	0	6	128	110	8	76	0.1	4.0	122.0	0.1	-0.2	ABCN 7643
	763	6ACWC	17.4	12.5	0.0	A N	51	45	9	9	71	62	13	76	0.3	4.9	121.1	0.1	-0.1	A N 763
	7631	6ACWC	22.0	12.5	0.0	A N	20	17	4	3	20	17	4	76	0.1	5.0	121.0	0.0	-0.2	A N 7631
	7644	2ACSR	20.3	12.5	0.0	A N	52	45	9	5	52	45	9	76	0.2	4.9	121.1	0.1	-0.2	A N 7644

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********** Load-Flow Results For Cave Run Ckt 1 **********
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Cave Run Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					586	148	27	97			126.0			ABCN	Feeder
11024	4/0ACSR	0.4	12.5	0.0	ABCN	-0	0	0	8	586	148	27	97	0.0	0.0	126.0	0.1	0.0	ABCN	11024
1024	4/0ACSR	4.1	12.5	0.0	ABCN	50	27	3	8	586	148	27	97	0.2	0.2	125.8	0.8	0.3	ABCN	1024
10241	4/0ACSR	7.6	12.5	0.0	ABCN	63	30	3	7	535	121	24	98	0.2	0.4	125.6	0.6	0.1	ABCN	10241
10291	4/0ACSR	8.6	12.5	0.0	ABCN	14	7	1	6	471	91	21	98	0.0	0.5	125.5	0.1	-0.0	ABCN	10291
1029	4/0ACSR	11.2	12.5	0.0	ABCN	15	8	1	6	421	64	19	99	0.1	0.6	125.4	0.3	-0.1	ABCN	1029
1038	4/0ACSR	18.4	12.5	0.0	ABCN	3	2	0	5	406	56	18	99	0.3	0.9	125.1	0.8	-0.4	ABCN	1038
10381	4/0ACSR	27.4	12.5	0.0	ABCN	0	-0	0	5	401	55	18	99	0.4	1.2	124.8	1.0	-0.5	ABCN	10381
1039	1/0EPR	30.9	12.5	0.0	ABCN	0	-0	0	5	207	42	9	98	0.7	1.9	124.1	0.9	0.2	ABCN	1039
1027	1/0EPR	35.4	12.5	0.0	ABCN	0	0	0	4	173	28	8	99	0.7	2.6	123.4	0.8	-0.1	ABCN	1027
10271	1/0EPR	39.6	12.5	0.0	ABCN	82	16	4	4	172	28	8	99	0.5	3.0	123.0	0.7	-0.2	ABCN	10271
1025	2XLP	43.0	12.5	0.0	ABCN	89	13	4	4	89	12	4	99	0.1	3.2	122.8	0.3	-0.4	ABCN	1025
1032	1/0EPR	34.9	12.5	0.0	ABCN	4	2	0	1	33	13	2	93	0.1	2.0	124.0	0.0	-0.9	ABCN	1032
10321	1/0EPR	47.8	12.5	0.0	ABCN	-0	0	0	1	29	12	1	92	0.4	2.4	123.6	0.1	-2.8	ABCN	10321
10322	1/0EPR	50.4	12.5	0.0	A N	1	0	0	2	29	15	4	89	0.3	2.8	123.2	0.1	-0.1	A N	10322
1031	4ACSR	55.7	12.5	0.0	A N	6	3	1	3	28	14	4	89	0.2	3.0	123.0	0.0	-0.2	A N	1031
10311	4ACSR	59.7	12.5	0.0	A N	22	12	3	2	22	11	3	89	0.1	3.1	122.9	0.0	-0.2	A N	10311
10391	1/0EPR	31.1	12.5	0.0	ABCN	57	13	3	4	194	14	9	100	0.5	1.7	124.3	0.7	-0.1	ABCN	10391
10251	2XLP	33.8	12.5	0.0	ABCN	135	1	6	6	136	1	6	100	0.1	1.8	124.2	0.5	-0.1	ABCN	10251
10292	4ACSR	10.9	12.5	0.0	A N	37	19	6	4	37	19	6	88	0.1	0.6	125.4	0.0	-0.1	A N	10292
12024	4/0ACSR	0.5	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.0	ABCN	12024

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********** Load-Flow Results For Cave Run Ckt 2 **********
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Cave Run Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					421	145	20	95			126.0			ABCN	Feeder
11026	4/0ACSR	0.4	12.5	0.0	ABCN	25	13	1	6	421	145	20	95	0.0	0.0	126.0	0.0	-0.0	ABCN	11026
1026	4/0ACSR	1.0	12.5	0.0	ABCN	17	5	1	5	396	132	18	95	0.0	0.0	126.0	0.1	-0.0	ABCN	1026
10261	4/0ACSR	1.6	12.5	0.0	ABCN	28	15	1	5	379	127	18	95	0.0	0.1	125.9	0.1	-0.0	ABCN	10261
10242	4ACSR	4.8	12.5	0.0	A N	149	61	21	15	149	61	21	93	0.3	0.4	125.6	0.4	0.0	A N	10242
10260	4/0ACSR	3.9	12.5	0.0	ABCN	60	24	3	3	202	51	9	97	0.0	0.1	125.9	0.1	-0.4	ABCN	10260
10262	4/0ACSR	4.2	12.5	0.0	ABCN	-0	0	0	2	142	28	6	98	0.0	0.1	125.9	0.0	-0.1	ABCN	10262
1023	1/0ACSR	7.9	12.5	0.0	ABCN	39	4	2	3	142	28	6	98	0.1	0.2	125.8	0.1	-0.6	ABCN	1023
10231	1/0ACSR	10.7	12.5	0.0	ABCN	2	1	0	1	51	1	2	100	0.0	0.2	125.8	0.0	-0.5	ABCN	10231
10232	1/0EPR	15.7	12.5	0.0	ABCN	49	2	2	1	49	1	2	100	0.1	0.3	125.7	0.1	-1.0	ABCN	10232
10233	4ACSR	9.3	12.5	0.0	ABCN	0	0	0	2	52	23	3	91	0.0	0.2	125.8	0.0	-0.2	ABCN	10233
1018	1/0ACSR	19.5	12.5	0.0	ABCN	0	-0	0	0	0	-4	0	0	-0.0	0.2	125.8	0.0	-2.0	ABCN	1018
10181	1/0ACSR	28.2	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.2	125.8	0.0	-1.7	ABCN	10181
1019	4ACSR	14.8	12.5	0.0	A N	52	27	8	6	52	27	8	89	0.2	0.5	125.5	0.1	-0.2	A N	1019

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********** Load-Flow Results For Clay City Ckt 1 **********
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Clay City Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1753	762	84	92			126.0			ABCN	Feeder
5604	4/0ACSR	1.8	12.5	0.0	ABCN	9	5	0	25	1753	762	84	92	0.4	0.4	125.6	4.2	5.1	ABCN	5604
560	4/0ACSR	4.5	12.5	0.0	ABCN	43	27	2	25	1740	752	84	92	0.6	1.0	125.0	6.2	7.6	ABCN	560
5601	2ACSR	6.5	12.5	0.0	ABCN	288	6	13	7	289	6	13	100	0.1	1.1	124.9	0.6	0.0	ABCN	5601
5602	4/0ACSR	5.1	12.5	0.0	ABCN	11	7	1	21	1403	711	70	89	0.1	1.1	124.9	1.0	1.1	ABCN	5602
556	4/0ACSR	8.7	12.5	0.0	ABCN	108	68	6	10	697	274	33	93	0.3	1.4	124.6	1.2	0.9	ABCN	556
5561	4/0ACSR	10.8	12.5	0.0	ABCN	85	53	4	8	589	205	28	94	0.1	1.5	124.5	0.5	0.2	ABCN	5561
5562	4/0ACSR	13.6	12.5	0.0	ABCN	113	71	6	7	503	151	23	96	0.1	1.7	124.3	0.4	0.1	ABCN	5562
553	4ACSR	14.5	12.5	0.0	ABCN	15	-151	7	13	390	80	18	98	0.2	1.8	124.2	0.5	-0.0	ABCN	553
Capacitor (Wye-Gnd Connected) at Center of Section 553																				
	ABCN : Nominal = 150 kvar					Actual = 161 kvar														
5531	4ACSR	20.4	12.5	0.0	A N	15	9	2	2	15	9	2	85	0.1	2.2	123.8	0.0	-0.3	A N	5531
5532	4ACSR	15.0	12.5	0.0	ABCN	7	4	0	14	359	223	19	85	0.1	1.9	124.1	0.2	-0.0	ABCN	5532
552	4/0ACSR	17.8	12.5	0.0	ABCN	42	26	2	3	219	135	12	85	0.1	2.0	124.0	0.1	-0.4	ABCN	552
5521	4/0ACSR	19.5	12.5	0.0	A N	49	31	8	2	49	31	8	85	0.0	2.3	123.7	0.0	-0.1	A N	5521
5522	4/0ACSR	20.2	12.5	0.0	A N	19	12	3	1	19	12	3	85	0.0	2.3	123.7	0.0	-0.1	A N	5522
5523	4/0ACSR	19.9	12.5	0.0	ABCN	56	35	3	2	109	66	6	85	0.0	2.0	124.0	0.0	-0.4	ABCN	5523
550	4/0ACSR	22.7	12.5	0.0	ABCN	19	12	1	1	51	30	3	86	0.0	2.0	124.0	0.0	-0.6	ABCN	550
541	4/0ACSR	26.3	12.5	0.0	ABCN	25	16	1	0	25	15	1	86	0.0	2.0	124.0	0.0	-0.7	ABCN	541
542	6ACWC	32.2	12.5	0.0	A N	6	4	1	1	6	3	1	88	0.0	2.4	123.6	0.0	-0.5	A N	542
551	4/0ACSR	20.9	12.5	0.0	A N	2	1	0	0	2	1	0	86	0.0	2.3	123.7	0.0	-0.1	A N	551
554	4ACSR	19.1	12.5	0.0	A N	71	45	11	15	133	83	21	85	0.6	2.8	123.2	0.6	0.1	A N	554
555	4/0ACSR	24.1	12.5	0.0	A N	61	38	10	3	61	38	10	85	0.1	2.9	123.1	0.0	-0.2	A N	555
559	4/0ACSR	5.9	12.5	0.0	ABCN	0	-0	0	8	540	333	28	85	0.1	1.2	124.8	0.2	0.1	ABCN	559
5591	2ACSR	7.5	12.5	0.0	ABCN	24	12	1	16	539	333	28	85	0.3	1.4	124.6	1.2	0.3	ABCN	5591
558	4/0ACSR	8.9	12.5	0.0	ABCN	68	43	4	5	333	208	18	85	0.1	1.5	124.5	0.1	-0.1	ABCN	558
557	336ACSR	12.5	12.5	0.0	ABCN	68	43	4	3	265	165	14	85	0.1	1.6	124.4	0.1	-0.5	ABCN	557
9557	6ACWC	17.3	12.5	0.0	A N	91	57	15	22	197	123	31	85	1.1	2.8	123.2	1.5	0.6	A N	9557
95571	6ACWC	19.8	12.5	0.0	A N	37	23	6	12	104	65	17	85	0.3	3.1	122.9	0.2	0.0	A N	95571
95572	4ACSR	20.6	12.5	0.0	A N	0	0	0	8	67	42	11	85	0.1	3.2	122.8	0.0	-0.0	A N	95572
9331	4ACSR	26.6	12.5	0.0	A N	21	13	3	3	28	17	4	85	0.2	3.4	122.6	0.0	-0.3	A N	9331
331	2ACSR	29.9	12.5	0.0	A N	7	4	1	1	7	4	1	86	0.0	3.4	122.6	0.0	-0.2	A N	331
95573	4ACSR	23.7	12.5	0.0	A N	40	25	6	5	40	25	6	85	0.1	3.3	122.7	0.0	-0.1	A N	95573
578	4ACSR	10.0	12.5	0.0	A N	51	32	8	20	181	113	29	85	0.6	2.1	123.9	0.8	0.3	A N	578
5781	4ACSR	13.1	12.5	0.0	A N	38	24	6	4	38	24	6	85	0.1	2.2	123.8	0.0	-0.1	A N	5781
5782	4ACSR	11.9	12.5	0.0	A N	47	30	7	10	91	57	14	85	0.2	2.3	123.7	0.1	-0.0	A N	5782
5783	4ACSR	14.2	12.5	0.0	A N	44	27	7	5	44	27	7	85	0.1	2.4	123.6	0.0	-0.1	A N	5783
5603	4/0ACSR	7.7	12.5	0.0	A N	92	58	14	7	153	96	24	85	0.2	1.3	124.7	0.1	0.1	A N	5603
5672	4/0ACSR	9.9	12.5	0.0	A N	61	38	10	3	61	38	10	85	0.0	1.4	124.6	0.0	-0.1	A N	5672

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********** Load-Flow Results For Clay City Ckt 2 **********
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Clay City Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3042	1276	145	92			126.0			ABCN	Feeder
56701	4/0ACSR	0.1	12.5	0.0	ABCN	0	-0	0	43	3042	1276	145	92	0.1	0.1	125.9	0.9	1.2	ABCN	56701
567	4/0ACSR	1.8	12.5	0.0	ABCN	0	0	0	42	2989	1244	143	92	0.6	0.7	125.3	11.2	14.3	ABCN	567
5671	4/0ACSR	4.4	12.5	0.0	ABCN	16	10	1	42	2978	1229	143	92	1.0	1.7	124.3	18.3	23.3	ABCN	5671
571	4/0ACSR	7.9	12.5	0.0	ABCN	256	-115	13	42	2943	1197	142	93	1.3	3.0	123.0	22.3	28.4	ABCN	571
Capacitor (Wye-Gnd Connected) at Center of Section 571																				
ABCN : Nominal = 150 kvar Actual = 159 kvar																				
5710	4/0ACSR	8.2	12.5	0.0	ABCN	5	3	0	22	1507	630	74	92	0.1	3.0	123.0	0.5	0.6	ABCN	5710
5711	4/0ACSR	8.5	12.5	0.0	ABCN	68	30	3	21	1459	600	71	92	0.1	3.1	122.9	0.6	0.7	ABCN	5711
573	4/0ACSR	10.6	12.5	0.0	ABCN	188	58	9	20	1390	569	68	93	0.4	3.4	122.6	2.9	3.4	ABCN	573
5731	4/0ACSR	11.1	12.5	0.0	ABCN	94	57	5	7	482	290	25	86	0.0	3.5	122.5	0.1	0.0	ABCN	5731
5758	4/0ACSR	11.4	12.5	0.0	ABCN	50	26	3	6	388	232	21	86	0.0	3.5	122.5	0.0	-0.0	ABCN	5758
5755	4/0ACSR	12.1	12.5	0.0	A N	35	21	6	2	35	21	6	85	0.0	3.7	122.3	0.0	-0.0	A N	5755
5757	4/0ACSR	11.8	12.5	0.0	ABCN	5	3	0	3	182	111	10	85	0.0	3.5	122.5	0.0	-0.1	ABCN	5757
5751	6ACWC	12.7	12.5	0.0	A N	42	26	7	5	42	26	7	85	0.0	3.8	122.2	0.0	-0.0	A N	5751
5754	6ACWC	12.3	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	3.4	122.6	0.0	-0.1	BCN	5754
5756	4/0ACSR	12.1	12.5	0.0	ABCN	7	4	0	2	134	82	7	85	0.0	3.5	122.5	0.0	-0.1	ABCN	5756
575	4/0ACSR	13.0	12.5	0.0	ABCN	82	50	4	1	82	50	4	85	0.0	3.5	122.5	0.0	-0.2	ABCN	575
5750	6ACWC	13.0	12.5	0.0	A N	46	28	7	5	46	28	7	85	0.0	3.8	122.2	0.0	-0.0	A N	5750
5753	6ACWC	12.8	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	3.4	122.6	0.0	-0.1	BCN	5753
5752	6ACWC	12.2	12.5	0.0	AB N	120	73	10	7	120	73	10	85	0.0	3.5	122.5	0.1	-0.0	AB N	5752
5732	336ACSR	12.3	12.5	0.0	ABCN	324	49	15	5	568	144	27	97	0.0	3.5	122.5	0.2	0.2	ABCN	5732
5733	4/0ACSR	13.4	12.5	0.0	A N	58	23	8	2	58	23	8	93	0.0	3.8	122.2	0.0	-0.0	A N	5733
5734	336ACSR	14.0	12.5	0.0	ABCN	186	70	9	2	186	70	9	94	0.0	3.5	122.5	0.1	-0.2	ABCN	5734
5735	4/0ACSR	11.6	12.5	0.0	A N	148	74	23	7	148	74	23	90	0.0	3.7	122.3	0.0	0.0	A N	5735
5691	4ACSR	10.0	12.5	0.0	A N	42	26	7	5	42	26	7	85	0.1	3.2	122.8	0.0	-0.1	A N	5691
605	6ACWC	9.2	12.5	0.0	ABCN	29	17	2	43	1158	653	60	87	0.6	3.6	122.4	6.2	1.9	ABCN	605
6053	6ACWC	11.2	12.5	0.0	ABCN	7	4	0	37	995	555	52	87	0.9	4.4	121.6	7.6	2.3	ABCN	6053
568	6ACWC	11.7	12.5	0.0	ABCN	2	1	0	15	411	231	22	87	0.1	4.5	121.5	0.3	0.0	ABCN	568
6052	6ACWC	12.8	12.5	0.0	ABCN	98	40	5	3	98	40	5	93	0.0	4.5	121.5	0.1	-0.1	ABCN	6052
566	1/0ACSR	13.4	12.5	0.0	A N	54	33	9	22	310	189	50	85	0.5	5.2	120.8	0.9	0.9	A N	566
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 566																				
A N : Tap = 6 RAISE																				
Regulator			13.4	12.5	0.0	A N				41	255	155	41	85	-4.5	0.6	125.4	0.0	0.0	A N	Regulator
5663	1/0ACSR	17.8	12.5	0.0	A N	41	25	6	17	255	155	40	85	0.9	1.6	124.4	1.5	1.3	A N	5663
5662	1/0ACSR	19.8	12.5	0.0	A N	18	11	3	13	193	117	30	86	0.4	1.9	124.1	0.4	0.3	A N	5662
368	1/0ACSR	27.3	12.5	0.0	A N	14	8	2	10	147	88	23	86	1.0	2.9	123.1	0.9	0.6	A N	368
354	4ACSR	30.0	12.5	0.0	A N	30	18	5	9	78	47	12	86	0.3	3.2	122.8	0.2	-0.1	A N	354
3541	4ACSR	35.5	12.5	0.0	A N	42	25	7	5	48	29	8	86	0.2	3.4	122.6	0.1	-0.2	A N	3541
3542	4ACSR	38.1	12.5	0.0	A N	7	4	1	1	7	4	1	86	0.0	3.4	122.6	0.0	-0.1	A N	3542
565	4ACSR	33.4	12.5	0.0	A N	54	33	9	6	54	33	9	86	0.3	3.2	122.8	0.1	-0.2	A N	565
569	4ACSR	24.9	12.5	0.0	A N	28	17	4	3	28	17	4	86	0.1	2.0	124.0	0.0	-0.2	A N	569
5661	6ACWC	20.3	12.5	0.0	A N	19	12	3	2	20	12	3	86	0.0	1.6	124.4	0.0	-0.1	A N	5661
604	6ACWC	11.9	12.5	0.0	ABCN	7	4	0	21	570	318	30	87	0.2	4.6	121.4	0.8	0.2	ABCN	604
6043	1/0ACSR	14.0	12.5	0.0	ABCN	90	55	5	11	500	275	26	88	0.2	4.8	121.2	0.8	0.2	ABCN	6043
6042	1/0ACSR	17.2	12.5	0.0	A N	85	23	12	5	85	23	12	96	0.1	5.2	120.8	0.1	-0.1	A N	6042
606	4ACSR	15.3	12.5	0.0	A N	15	9	2	18	159	97	26	86	0.3	5.4	120.6	0.4	0.2	A N	606
6061	4ACSR	17.1	12.5	0.0	A N	79	48	13	9	79	48	13	85	0.1	5.5	120.5	0.1	-0.0	A N	6061
6062	4ACSR	18.9	12.5	0.0	A N	46	28	8	8	66	40	11	86	0.2	5.6	120.4	0.1	-0.1	A N	6062
60621	2ACSR	22.6	12.5	0.0	A N	19	12	3	2	19	12	3	86	0.0	5.7	120.3	0.0	-0.2	A N	60621
607	4ACSR	16.3	12.5	0.0	A N	42	25	7	19	164	99	26	86	0.5	5.6	120.4	0.7	0.2	A N	607
6071	4ACSR	23.1	12.5	0.0	A N	33	20	5	4	33	20	5	86	0.2	5.8	120.2	0.1	-0.3	A N	6071
6072	4ACSR	23.1	12.5	0.0	A N	88	54	14	10	89	54	14	86	0.5	6.1	119.9	0.4	-0.1	A N	6072
6041	1/0ACSR	14.0	12.5	0.0	A N	62	38	10	4	62	38	10	85	0.1	4.8	121.2	0.0	-0.1	A N	6041
6051	6ACWC	12.3	12.5	0.0	A N	128	78	20	15	128	78	20	85	0.3	4.0	122.0	0.3	0.0	A N	6051
561	6ACWC	3.5	12.5	0.0	A N	52	32	8	6	52	31	8	86	0.1	0.2	125.8	0.1	-0.1	A N	561

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********** Load-Flow Results For Clay City Ckt 3 **********
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Clay City Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					313	-331	20	-69			126.0			ABCN	Feeder
H 58001	336ACSR	1.3	12.5	0.0	ABCN	313	-331	20	4	313	-331	20	-69	-0.0	-0.0	126.0	0.1	-0.0	ABCN	58001
Capacitor (Wye-Gnd Connected) at Center of Section 58001																				
ABCN : Nominal = 300 kvar Actual = 331 kvar																				

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********** Load-Flow Results For Clay City Ckt 4 **********
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Clay City Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Ldg Amps	Ldg Pct	Load Into Section kW	kvar	Amps	-- 120V Base -- Volt pf	Accm Drop	Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					3481	1616	169	91			126.0			ABCN	Feeder
	580	336ACSR	2.8	12.5	0.0	ABCN	0	0	0	32	3481	1616	169	91	0.8	0.8	125.2	14.1	29.1	ABCN	580
	5801	336ACSR	5.4	12.5	0.0	ABCN	4	3	0	31	3334	1509	162	91	0.7	1.5	124.5	11.8	24.3	ABCN	5801
	528	336ACSR	6.8	12.5	0.0	ABCN	22	13	1	4	399	232	21	86	0.0	1.6	124.4	0.1	-0.1	ABCN	528
	525	6ACWC	9.5	12.5	0.0	A N	33	19	5	32	286	167	44	86	1.1	2.7	123.3	2.4	1.3	A N	525
	5251	6ACWC	10.5	12.5	0.0	A N	44	26	7	5	44	26	7	86	0.0	2.7	123.3	0.0	-0.0	A N	5251
	5252	6ACWC	15.3	12.5	0.0	A N	129	75	20	23	207	120	32	86	1.2	3.9	122.1	1.7	0.7	A N	5252
	5253	6ACWC	20.5	12.5	0.0	A N	51	30	8	9	76	44	12	87	0.4	4.3	121.7	0.2	-0.1	A N	5253
	5254	6ACWC	25.4	12.5	0.0	A N	25	15	4	3	25	15	4	87	0.1	4.4	121.6	0.0	-0.2	A N	5254
	9525	6ACWC	10.2	12.5	0.0	A N	91	53	14	10	91	53	14	86	0.2	1.8	124.2	0.2	-0.1	A N	9525
	574	336ACSR	7.7	12.5	0.0	ABCN	34	20	2	27	2918	1250	142	92	0.5	2.1	123.9	7.9	16.0	ABCN	574
	5759	4/0ACSR	7.8	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	2.1	123.9	0.0	-0.0	ABCN	5759
	576	4/0ACSR	12.1	12.5	0.0	ABCN	41	24	2	41	2876	1214	140	92	1.6	3.7	122.3	28.5	36.2	ABCN	576
	5761	4/0ACSR	14.5	12.5	0.0	ABCN	29	17	2	39	2711	1098	133	93	0.8	4.5	121.5	14.1	17.9	ABCN	5761
	5763	336ACSR	16.8	12.5	0.0	ABCN	47	27	2	21	2274	896	112	93	0.4	5.0	121.0	4.9	9.8	ABCN	5763
	57631	336ACSR	16.8	12.5	0.0	ABCN	23	14	1	21	2223	859	109	93	0.0	5.0	121.0	0.1	0.2	ABCN	57631
	5764	336ACSR	17.2	12.5	0.0	ABCN	15	9	1	0	15	9	1	87	0.0	5.0	121.0	0.0	-0.1	ABCN	5764
	5765	336ACSR	18.1	12.5	0.0	ABCN	185	87	9	20	2184	836	107	93	0.2	5.2	120.8	2.3	4.7	ABCN	5765
	5766	336ACSR	19.3	12.5	0.0	ABCN	154	82	8	18	1997	745	98	94	0.2	5.4	120.6	1.9	3.8	ABCN	5766
	5767	336ACSR	21.5	12.5	0.0	ABCN	90	38	5	1	90	38	5	92	0.0	5.4	120.6	0.0	-0.4	ABCN	5767
	57661	336ACSR	19.7	12.5	0.0	ABCN	11	6	1	0	11	6	1	87	0.0	5.4	120.6	0.0	-0.1	ABCN	57661
	602	1/0ACSR	22.3	12.5	0.0	ABCN	246	96	12	37	1740	614	85	94	1.0	6.3	119.7	12.1	8.8	ABCN	602
	610	1/0ACSR	24.3	12.5	0.0	ABCN	2	1	0	32	1481	509	73	95	0.6	7.0	119.0	6.9	4.9	ABCN	610
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 610																				
	ABCN : Tap = 8 RAISE																				
	Regulator		24.3	12.5	0.0	ABCN				73	1472	503	73	95	-6.2	0.8	125.2	0.0	-0.0	ABCN	Regulator
	6101	1/0ACSR	28.9	12.5	0.0	ABCN	77	45	4	30	1472	503	69	95	1.3	2.1	123.9	13.3	9.2	ABCN	6101
	6102	1/0ACSR	31.5	12.5	0.0	ABCN	16	10	1	28	1382	449	65	95	0.7	2.8	123.2	6.8	4.7	ABCN	6102
	635	1/0ACSR	35.4	12.5	0.0	ABCN	55	-282	13	24	1159	318	54	96	0.9	3.7	122.3	7.6	5.1	ABCN	635
	Capacitor (Wye-Gnd Connected) at Center of Section 635																				
	ABCN : Nominal = 300 kvar Actual = 314 kvar																				
	6361	1/0ACSR	36.4	12.5	0.0	ABCN	2	1	0	18	811	428	42	88	0.2	3.9	122.1	1.1	0.7	ABCN	6361
	636	1/0ACSR	39.5	12.5	0.0	ABCN	69	40	4	18	808	426	42	88	0.5	4.4	121.6	3.2	1.9	ABCN	636
	637	1/0ACSR	42.5	12.5	0.0	ABCN	46	27	2	10	458	247	24	88	0.3	4.7	121.3	1.0	0.2	ABCN	637
	6371	1/0ACSR	45.3	12.5	0.0	A N	80	47	13	6	80	47	13	86	0.1	5.1	120.9	0.1	-0.1	A N	6371
	6372	1/0ACSR	46.8	12.5	0.0	ABCN	113	45	6	7	331	172	17	89	0.3	5.0	121.0	0.7	-0.2	ABCN	6372
	6373	1/0ACSR	51.2	12.5	0.0	ABCN	111	65	6	5	218	127	12	86	0.2	5.1	120.9	0.4	-0.5	ABCN	6373
	6401	1/0ACSR	54.8	12.5	0.0	A N	43	25	7	3	43	25	7	86	0.1	5.8	120.2	0.0	-0.2	A N	6401
	640	4ACSR	57.9	12.5	0.0	A N	63	37	10	7	63	37	10	87	0.3	6.1	119.9	0.2	-0.2	A N	640
	641	4ACSR	43.3	12.5	0.0	A N	8	5	1	30	277	136	42	90	1.6	6.2	119.8	3.5	1.6	A N	641
	6411	4ACSR	44.8	12.5	0.0	A N	1	1	0	29	266	130	41	90	0.6	6.8	119.2	1.4	0.6	A N	6411
L	6413	4ACSR	51.6	12.5	0.0	A N	81	47	13	22	188	109	30	87	1.6	8.4	117.6	2.2	0.9	A N	6413
L	6414	4ACSR	55.2	12.5	0.0	A N	87	51	14	12	105	61	17	87	0.4	8.8	117.2	0.3	-0.0	A N	6414
L	64141	4ACSR	58.0	12.5	0.0	A N	0	0	0	2	17	10	3	87	0.1	8.9	117.1	0.0	-0.1	A N	64141
L	6415	4ACSR	59.2	12.5	0.0	A N	10	6	2	1	10	6	2	87	0.0	8.9	117.1	0.0	-0.1	A N	6415
L	646	4ACSR	65.2	12.5	0.0	A N	8	5	1	1	8	4	1	88	0.0	8.9	117.1	0.0	-0.3	A N	646
	6412	4ACSR	51.5	12.5	0.0	A N	75	19	11	8	75	19	11	97	0.4	7.2	118.8	0.2	-0.2	A N	6412
	634	4ACSR	41.1	12.5	0.0	A N	102	60	16	32	285	166	45	86	2.1	5.9	120.1	4.3	2.0	A N	634
	6341	4ACSR	45.1	12.5	0.0	A N	110	64	18	21	179	104	29	86	0.8	6.7	119.3	1.0	0.4	A N	6341
	6342	4ACSR	55.6	12.5	0.0	A N	68	40	11	8	68	39	11	87	0.6	7.3	118.7	0.3	-0.3	A N	6342
	633	4ACSR	37.9	12.5	0.0	A N	39	23	6	22	200	116	31	87	1.8	4.6	121.4	2.8	1.1	A N	633
	6331	4ACSR	42.1	12.5	0.0	A N	31	18	5	10	90	52	14	86	0.5	5.1	120.9	0.3	-0.0	A N	6331
	6334	4ACSR	44.0	12.5	0.0	A N	22	13	4	3	22	13	4	86	0.0	5.2	120.8	0.0	-0.1	A N	6334
	6335	4ACSR	44.5	12.5	0.0	A N	37	22	6	4	37	22	6	86	0.1	5.2	120.8	0.0	-0.1	A N	6335
	6336	4ACSR	40.9	12.5	0.0	A N	24	14	4	8	68	39	11	87	0.3	4.9	121.1	0.1	-0.1	A N	6336
	6332	4ACSR	42.4	12.5	0.0	A N	19	11	3	2	19	11	3	86	0.0	4.9	121.1	0.0	-0.1	A N	6332
	6333	4ACSR	43.3	12.5	0.0	A N	25	14	4	3	25	14	4	86	0.0	4.9	121.1	0.0	-0.1	A N	6333
	6788	336ACSR	23.6	12.5	0.0	ABCN	43	25	2	0	43	23	2	88	0.0	4.6	121.4	0.0	-1.8	ABCN	6788
	678	336ACSR	16.4	12.5	0.0	ABCN	-0	-0	0	3	351	144	17	93	0.1	4.6	121.4	0.1	-0.2	ABCN	678
	6782	336ACSR	19.4	12.5	0.0	ABCN	24	14	1	2	250	85	12	95	0.1	4.7	121.3	0.1	-0.5	ABCN	6782
	6786	336ACSR	22.0	12.5	0.0	ABCN	98	5	4	1	129	15	6	99	0.0	4.7	121.3	0.0	-0.5	ABCN	6786

Clay City Ckt 4 [redacted]ction Load Load Into Section -- 120V Ba[redacted] Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
6787	4ACSR	23.2	12.5	0.0	AB	N	31	11	2	2	31	11	2	94	0.0	4.7	121.3	0.0	-0.1	AB N	6787
6783	4ACSR	21.0	12.5	0.0	A	N	20	12	3	11	98	57	16	87	0.2	5.0	121.0	0.2	0.0	A N	6783
6784	4ACSR	23.2	12.5	0.0	A	N	27	16	4	9	78	45	12	87	0.2	5.2	120.8	0.1	-0.0	A N	6784
6785	4ACSR	30.5	12.5	0.0	A	N	51	30	8	6	51	29	8	87	0.3	5.5	120.5	0.1	-0.3	A N	6785
6781	4ACSR	19.4	12.5	0.0	A	N	100	58	16	11	100	58	16	86	0.2	4.9	121.1	0.2	-0.0	A N	6781
5762	4/0ACSR	17.1	12.5	0.0	A	N	96	56	15	4	96	56	15	86	0.2	3.9	122.1	0.1	-0.1	A N	5762
5692	6ACWC	7.4	12.5	0.0	A	N	56	33	9	6	56	33	9	86	0.2	1.0	125.0	0.1	-0.2	A N	5692
572	6ACWC	7.5	12.5	0.0	A	N	77	45	12	8	77	45	12	86	0.3	1.1	124.9	0.2	-0.1	A N	572

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********** Load-Flow Results For Frenchburg Ckt 1 **********
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Frenchburg Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1258	722	64	87			126.0			ABCN	Feeder
1074	1/0CU	0.6	12.5	0.0	ABCN	55	36	3	21	1258	722	64	87	0.1	0.1	125.9	0.9	0.9	ABCN	1074
1061	6ACWC	3.2	12.5	0.0	ABCN	28	18	1	44	1202	685	61	87	1.3	1.4	124.6	13.2	4.1	ABCN	1061
10611	336ACSR	6.2	12.5	0.0	ABCN	7	4	0	11	1160	663	60	87	0.3	1.7	124.3	1.8	3.2	ABCN	10611
10612	6ACWC	12.3	12.5	0.0	ABCN	41	27	2	42	1152	655	59	87	2.8	4.5	121.5	28.6	8.8	ABCN	10612
10543	6ACWC	14.0	12.5	0.0	ABCN	-0	0	0	39	1036	590	55	87	0.7	5.3	120.7	6.9	2.1	ABCN	10543
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10543																				
ABCN : Tap = 6 RAISE																				
Regulator		14.0	12.5	0.0	ABCN				55	1029	588	55	87	-4.5	0.7	125.3	0.0	0.0	ABCN	Regulator
1054	6ACWC	17.4	12.5	0.0	ABCN	40	26	2	38	1029	588	53	87	1.4	2.1	123.9	12.4	3.7	ABCN	1054
10541	4ACSR	21.1	12.5	0.0	ABCN	39	26	2	36	976	558	50	87	1.5	3.7	122.3	13.3	3.8	ABCN	10541
1052	4ACSR	22.2	12.5	0.0	ABCN	39	2	2	32	854	485	45	87	0.4	4.1	121.9	3.2	0.9	ABCN	1052
10522	4ACSR	26.9	12.5	0.0	ABCN	21	14	1	30	801	476	42	86	1.6	5.7	120.3	11.9	3.2	ABCN	10522
1040	6ACWC	31.5	12.5	0.0	AB N	28	18	2	29	498	313	41	85	1.6	7.4	118.6	6.9	2.8	AB N	1040
L 10375	4ACSR	39.0	12.5	0.0	AB N	48	31	4	21	356	224	30	85	1.9	9.2	116.8	5.9	1.8	AB N	10375
L 10372	4ACSR	40.3	12.5	0.0	AB N	12	8	1	14	237	150	20	85	0.2	9.5	116.5	0.5	0.1	AB N	10372
L 1037	4ACSR	42.5	12.5	0.0	AB N	17	11	1	11	182	115	15	85	0.3	9.8	116.2	0.5	0.0	AB N	1037
L 10224	4ACSR	43.5	12.5	0.0	A N	0	0	0	20	162	104	28	84	0.3	11.2	114.8	0.4	0.2	A N	10224
L 1022	4ACSR	49.1	12.5	0.0	A N	66	43	12	20	162	104	28	84	1.2	12.4	113.6	1.6	0.6	A N	1022
L 10221	4ACSR	53.7	12.5	0.0	A N	36	24	6	12	94	60	16	84	0.6	13.0	113.0	0.5	0.0	A N	10221
L 10222	4ACSR	58.9	12.5	0.0	A N	34	22	6	4	34	22	6	84	0.2	13.2	112.8	0.0	-0.2	A N	10222
L 10223	4ACSR	61.9	12.5	0.0	A N	23	15	4	3	23	15	4	84	0.2	13.2	112.8	0.0	-0.3	A N	10223
L 10371	4ACSR	45.4	12.5	0.0	A N	43	28	7	5	43	28	7	84	0.2	10.8	115.2	0.1	-0.2	A N	10371
L 10373	4ACSR	45.4	12.5	0.0	A N	42	27	7	5	42	27	7	84	0.2	10.5	115.5	0.1	-0.2	A N	10373
L 10374	4ACSR	44.3	12.5	0.0	A N	23	15	4	3	23	15	4	84	0.1	10.4	115.6	0.0	-0.2	A N	10374
L 712	4ACSR	37.1	12.5	0.0	A N	63	41	11	13	106	68	18	84	0.7	8.7	117.3	0.5	0.0	A N	712
L 71200	4ACSR	44.7	12.5	0.0	A N	15	10	3	5	42	27	7	85	0.4	9.2	116.8	0.1	-0.3	A N	71200
L 71201	4ACSR	52.4	12.5	0.0	A N	27	17	5	3	27	17	5	84	0.2	9.4	116.6	0.0	-0.3	A N	71201
1041	6ACWC	33.5	12.5	0.0	ABCN	93	60	5	10	270	145	14	88	0.6	6.3	119.7	1.6	-0.4	ABCN	1041
10413	6ACWC	35.9	12.5	0.0	ABCN	34	11	2	5	140	63	7	91	0.1	6.4	119.6	0.1	-0.3	ABCN	10413
1035	4ACSR	41.7	12.5	0.0	ABCN	45	30	3	3	90	41	5	91	0.2	6.6	119.4	0.2	-0.9	ABCN	1035
10351	4ACSR	52.4	12.5	0.0	ABCN	44	14	2	2	44	12	2	96	0.1	6.7	119.3	0.1	-1.6	ABCN	10351
1036	6ACWC	39.6	12.5	0.0	A N	9	6	2	2	16	10	3	85	0.1	7.3	118.7	0.0	-0.2	A N	1036
10361	6ACWC	43.0	12.5	0.0	A N	7	4	1	1	7	4	1	85	0.0	7.4	118.6	0.0	-0.2	A N	10361
10411	6ACWC	38.3	12.5	0.0	A N	14	9	2	4	35	22	6	84	0.2	7.3	118.7	0.1	-0.2	A N	10411
10412	6ACWC	45.7	12.5	0.0	A N	21	14	4	3	21	13	4	84	0.1	7.4	118.6	0.0	-0.3	A N	10412
10521	6ACWC	26.5	12.5	0.0	A N	10	7	2	1	10	7	2	85	0.0	4.5	121.5	0.0	-0.2	A N	10521
1053	6ACWC	24.6	12.5	0.0	A N	4	3	1	8	69	44	11	85	0.4	4.4	121.6	0.2	-0.0	A N	1053
10531	6ACWC	28.6	12.5	0.0	A N	13	8	2	2	14	9	2	85	0.0	4.4	121.6	0.0	-0.2	A N	10531
10532	6ACWC	34.2	12.5	0.0	A N	1	1	0	0	1	1	0	91	0.0	4.4	121.6	0.0	-0.3	A N	10532
10533	6ACWC	29.8	12.5	0.0	A N	17	11	3	6	51	33	8	84	0.3	4.7	121.3	0.1	-0.2	A N	10533
10534	6ACWC	35.0	12.5	0.0	A N	34	22	6	4	34	22	6	84	0.1	4.9	121.1	0.0	-0.2	A N	10534
1060	4ACSR	19.2	12.5	0.0	A N	46	30	7	5	46	29	7	84	0.3	5.0	121.0	0.1	-0.3	A N	1060

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********** Load-Flow Results For Frenchburg Ckt 2 **********
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Frenchburg Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					640	273	31	92			126.0			ABCN	Feeder
1078	397ACSR	3.9	12.5	0.0	ABCN	61	19	3	5	640	273	31	92	0.2	0.2	125.8	0.5	0.4	ABCN	1078
10781	397ACSR	5.9	12.5	0.0	ABCN	32	20	2	5	579	254	28	92	0.1	0.3	125.7	0.2	0.1	ABCN	10781
10782	397ACSR	9.2	12.5	0.0	ABCN	43	12	2	0	43	12	2	97	0.0	0.3	125.7	0.0	-0.7	ABCN	10782
10783	397ACSR	9.7	12.5	0.0	ABCN	15	9	1	4	503	223	24	91	0.1	0.4	125.6	0.3	-0.0	ABCN	10783
1072	1/0ACSR	17.2	12.5	0.0	ABCN	53	21	3	10	488	214	24	92	0.7	1.1	124.9	2.4	0.4	ABCN	1072
11101	2ACSR	18.0	12.5	0.0	ABCN	94	58	5	12	432	192	21	91	0.1	1.2	124.8	0.3	0.0	ABCN	11101
11102	2ACSR	25.0	12.5	0.0	A N	38	23	6	3	38	23	6	85	0.2	1.6	124.4	0.0	-0.3	A N	11102
1110	2ACSR	20.7	12.5	0.0	ABCN	33	20	2	8	300	111	14	94	0.2	1.4	124.6	0.5	-0.2	ABCN	1110
1111	4ACSR	23.0	12.5	0.0	ABCN	174	35	8	6	175	35	8	98	0.1	1.5	124.5	0.4	-0.2	ABCN	1111
111101	2ACSR	27.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.9	124.1	0.0	-0.2	A N	111101
11121	4ACSR	21.8	12.5	0.0	A N	2	1	0	10	92	56	14	85	0.2	1.8	124.2	0.1	0.0	A N	11121
1112	4ACSR	29.1	12.5	0.0	A N	90	55	14	10	90	55	14	85	0.5	2.3	123.7	0.4	-0.2	A N	1112

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********** Load-Flow Results For Frenchburg Ckt 3 **********
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Frenchburg Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2048	66	90	100			126.0			ABCN	Feeder
1073	1/0CU	3.4	12.5	0.0	ABCN	48	31	3	29	2048	66	90	100	0.6	0.6	125.4	9.2	10.6	ABCN	1073
10731	1/0CU	8.2	12.5	0.0	A N	14	9	2	1	14	9	2	85	0.0	0.7	125.3	0.0	-0.3	A N	10731
10732	1/0CU	7.8	12.5	0.0	ABCN	210	-250	15	28	1977	15	88	100	0.8	1.4	124.6	10.8	12.4	ABCN	10732
Capacitor (Wye-Gnd Connected) at Center of Section 10732																				
ABCN : Nominal = 300 kvar Actual = 326 kvar																				
1071	2ACSR	10.7	12.5	0.0	ABCN	360	113	17	44	1755	253	79	99	1.2	2.5	123.5	15.5	7.6	ABCN	1071
10711	2ACSR	11.5	12.5	0.0	ABCN	60	0	3	35	1379	132	62	100	0.3	2.8	123.2	2.8	1.3	ABCN	10711
1067	2ACSR	15.2	12.5	0.0	ABCN	328	-98	16	32	1274	104	58	100	1.0	3.8	122.2	10.1	4.8	ABCN	1067
Capacitor (Wye-Gnd Connected) at Center of Section 1067																				
ABCN : Nominal = 150 kvar Actual = 157 kvar																				
10661	2ACSR	17.9	12.5	0.0	ABCN	48	31	3	5	160	100	9	85	0.1	4.0	122.0	0.2	-0.4	ABCN	10661
10662	2ACSR	23.1	12.5	0.0	A N	31	20	5	3	31	20	5	84	0.1	5.2	120.8	0.0	-0.2	A N	10662
10663	2ACSR	22.2	12.5	0.0	ABCN	19	12	1	2	80	49	4	85	0.1	4.1	121.9	0.1	-0.7	ABCN	10663
1066	2ACSR	24.2	12.5	0.0	ABCN	26	17	1	2	62	38	3	85	0.0	4.1	121.9	0.0	-0.3	ABCN	1066
10669	2ACSR	27.2	12.5	0.0	ABCN	9	6	1	1	36	21	2	86	0.0	4.1	121.9	0.0	-0.5	ABCN	10669
733	2ACSR	31.1	12.5	0.0	ABCN	11	7	1	1	26	16	1	86	0.0	4.1	121.9	0.0	-0.7	ABCN	733
73300	2ACSR	37.0	12.5	0.0	ABCN	15	10	1	0	15	9	1	86	0.0	4.2	121.8	0.0	-1.0	ABCN	73300
1113	6ACWC	22.0	12.5	0.0	ABCN	637	9	30	25	770	93	36	99	1.1	5.0	121.0	15.4	7.6	ABCN	1113
L 748	4ACSR	29.1	12.5	0.0	A N	22	15	4	14	116	73	19	85	1.2	9.0	117.0	1.1	0.3	A N	748
L 74800	4ACSR	41.3	12.5	0.0	A N	13	8	2	2	13	8	2	86	0.1	9.1	116.9	0.0	-0.5	A N	74800
L 74801	4ACSR	32.7	12.5	0.0	A N	9	6	2	10	79	50	13	84	0.5	9.4	116.6	0.3	0.0	A N	74801
L 749	6ACWC	39.4	12.5	0.0	A N	2	1	0	8	70	44	12	84	0.7	10.2	115.8	0.4	-0.0	A N	749
L 74900	6ACWC	46.5	12.5	0.0	A N	47	31	8	6	48	31	8	84	0.3	10.5	115.5	0.1	-0.2	A N	74900
L 74901	6ACWC	44.8	12.5	0.0	A N	20	13	3	2	20	13	3	84	0.1	10.3	115.7	0.0	-0.2	A N	74901
1070	4ACSR	17.7	12.5	0.0	A N	40	26	6	5	40	26	6	84	0.2	3.6	122.4	0.1	-0.3	A N	1070

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********** Load-Flow Results For Frenchburg Ckt 4 **********

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Frenchburg Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg
Feeder			24.9	0.0	ABCN					1465	718	36	90			126.0			ABCN Feeder
1080	336ACSR	0.8	24.9	0.0	ABCN	0	0	0	7	1465	718	36	90	0.0	0.0	126.0	0.2	-0.3	ABCN 1080
1075	336ACSR	6.3	24.9	0.0	ABCN	22	15	1	7	1465	718	36	90	0.2	0.2	125.8	1.2	-2.2	ABCN 1075
10751	4ACSR	11.6	24.9	0.0	A N	15	10	1	1	15	9	1	86	0.0	0.2	125.8	0.0	-1.1	A N 10751
10752	336ACSR	7.6	24.9	0.0	ABCN	2	1	0	7	1427	697	35	90	0.0	0.2	125.8	0.3	-0.5	ABCN 10752
10753	4ACSR	9.8	24.9	0.0	A N	13	9	1	1	13	8	1	84	0.0	0.3	125.7	0.0	-0.5	A N 10753
10754	336ACSR	11.3	24.9	0.0	ABCN	25	17	1	7	1412	687	35	90	0.1	0.4	125.6	0.8	-1.6	ABCN 10754
1077	1/0ACSR	16.6	24.9	0.0	ABCN	10	7	0	14	1354	654	33	90	0.4	0.7	125.3	3.7	-1.2	ABCN 1077
10771	1/0ACSR	19.1	24.9	0.0	ABCN	7	5	0	14	1340	648	33	90	0.2	0.9	125.1	1.8	-0.6	ABCN 10771
10772	1/0ACSR	22.4	24.9	0.0	ABCN	1	1	0	14	1332	644	33	90	0.2	1.1	124.9	2.3	-0.8	ABCN 10772
1063	2ACSR	29.2	24.9	0.0	ABCN	2	2	0	17	1267	605	31	90	0.6	1.8	124.2	6.4	-1.7	ABCN 1063
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1063																			
	ABCN : Tap = 2 RAISE																		
Regulator			29.2	24.9	0.0	ABCN				31	1258	605	31	90	-1.6	0.2	125.6	0.0	0.0	ABCN Regulator
10632	2ACSR	32.5	24.9	0.0	ABCN	0	0	0	17	1238	593	30	90	0.3	0.5	125.5	2.9	-0.9	ABCN 10632
10641	4ACSR	35.0	24.9	0.0	A N	11	7	1	10	178	114	14	84	0.2	0.7	125.3	0.2	-0.4	A N 10641
1064	4ACSR	39.1	24.9	0.0	A N	2	2	0	9	167	107	13	84	0.3	1.0	125.0	0.4	-0.6	A N 1064
1055	4ACSR	44.3	24.9	0.0	A N	34	23	3	9	165	106	13	84	0.3	1.3	124.7	0.4	-0.8	A N 1055
10551	4ACSR	46.3	24.9	0.0	A N	9	6	1	0	9	5	1	85	0.0	1.3	124.7	0.0	-0.4	A N 10551
10552	4ACSR	46.7	24.9	0.0	A N	21	14	2	7	121	78	10	84	0.1	1.4	124.6	0.1	-0.4	A N 10552
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 10552																			
Transformer			46.7	12.4	0.0	A N				36	100	65	8	84	0.0	1.4	124.6	0.0	0.0	A N Transformer
1056	4ACSR	55.2	12.4	0.0	A N	12	8	2	11	100	65	16	84	1.3	2.7	123.3	1.0	0.1	A N 1056
1050	4ACSR	60.7	12.4	0.0	A N	45	31	7	6	55	36	9	84	0.3	3.0	123.0	0.1	-0.2	A N 1050
10501	4ACSR	67.4	12.4	0.0	A N	10	7	2	1	10	6	2	84	0.1	3.0	123.0	0.0	-0.3	A N 10501
10502	4ACSR	63.9	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	3.0	123.0	0.0	-0.2	A N 10502
105021	4ACSR	66.7	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	3.0	123.0	0.0	-0.1	A N 105021
10503	4ACSR	73.4	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.9	123.1	0.0	-0.3	A N 10503
10504	4ACSR	81.8	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.9	123.1	0.0	-0.4	A N 10504
1051	4ACSR	60.4	12.4	0.0	A N	5	4	1	4	32	21	5	84	0.2	2.9	123.1	0.1	-0.2	A N 1051
10511	4ACSR	64.6	12.4	0.0	A N	6	4	1	1	6	4	1	84	0.0	2.9	123.1	0.0	-0.2	A N 10511
10512	4ACSR	64.0	12.4	0.0	A N	21	14	3	2	21	14	3	83	0.1	3.0	123.0	0.0	-0.2	A N 10512
1065	1/0ACSR	33.6	24.9	0.0	ABCN	5	3	0	11	1057	480	26	91	0.1	0.6	125.4	0.5	-0.5	ABCN 1065
10651	2ACSR	37.4	24.9	0.0	A N	7	5	1	0	7	4	1	87	0.0	0.6	125.4	0.0	-0.8	A N 10651
10652	1/0ACSR	41.3	24.9	0.0	ABCN	28	7	1	11	1045	473	25	91	0.4	1.0	125.0	3.1	-3.5	ABCN 10652
10653	4/0ACSR	42.9	24.9	0.0	ABCN	0	0	0	7	1014	470	25	91	0.1	1.1	124.9	0.3	-0.9	ABCN 10653
1133	2ACSR	45.5	24.9	0.0	ABCN	20	13	1	14	1014	471	25	91	0.2	1.3	124.7	1.5	-1.1	ABCN 1133
11331	2ACSR	47.0	24.9	0.0	ABCN	31	21	1	14	992	458	24	91	0.1	1.4	124.6	0.8	-0.7	ABCN 11331
11332	4ACSR	53.5	24.9	0.0	A N	7	5	1	0	7	3	1	90	0.0	1.4	124.6	0.0	-1.3	A N 11332
11333	2ACSR	48.9	24.9	0.0	ABCN	6	-158	4	13	954	435	23	91	0.1	1.5	124.5	1.1	-0.8	ABCN 11333
Capacitor (Wye-Gnd Connected) at Center of Section 11333																			
	ABCN : Nominal = 150 kvar Actual = 162 kvar																		
11341	2ACSR	49.9	24.9	0.0	ABCN	21	14	1	8	576	356	15	85	0.0	1.5	124.5	0.2	-0.6	ABCN 11341
11343	2ACSR	50.4	24.9	0.0	ABCN	6	4	0	8	539	332	14	85	0.0	1.6	124.4	0.1	-0.3	ABCN 11343
11345	2ACSR	51.7	24.9	0.0	ABCN	0	-0	0	7	454	276	12	85	0.0	1.6	124.4	0.2	-0.9	ABCN 11345
11347	2ACSR	54.3	24.9	0.0	ABCN	34	12	1	6	431	262	11	85	0.1	1.7	124.3	0.3	-1.7	ABCN 11347
11349	2ACSR	55.8	24.9	0.0	ABCN	15	3	0	5	334	211	9	85	0.0	1.7	124.3	0.1	-1.0	ABCN 11349
1058	2ACSR	56.6	24.9	0.0	ABCN	2	1	0	5	320	209	9	84	0.0	1.8	124.2	0.1	-0.5	ABCN 1058
10581	4ACSR	59.5	24.9	0.0	A N	31	21	2	2	31	20	2	84	0.0	1.8	124.2	0.0	-0.6	A N 10581
10582	2ACSR	57.1	24.9	0.0	ABCN	13	9	0	4	288	188	8	84	0.0	1.8	124.2	0.0	-0.4	ABCN 10582
1057	4ACSR	62.3	24.9	0.0	A N	23	16	2	11	187	122	15	84	0.4	2.2	123.8	0.5	-0.7	A N 1057
10572	4ACSR	62.7	24.9	0.0	A N	2	1	0	7	124	81	10	84	0.0	2.2	123.8	0.0	-0.1	A N 10572
10573	4ACSR	66.2	24.9	0.0	A N	57	39	5	3	57	38	5	83	0.0	2.3	123.7	0.0	-0.7	A N 10573
10574	4ACSR	67.5	24.9	0.0	A N	44	30	4	3	44	29	4	84	0.0	2.3	123.7	0.0	-0.9	A N 10574
10575	4ACSR	64.9	24.9	0.0	A N	20	14	2	1	20	13	2	84	0.0	2.2	123.8	0.0	-0.4	A N 10575
10571	4ACSR	65.4	24.9	0.0	A N	39	26	3	2	39	26	3	83	0.0	2.2	123.8	0.0	-0.6	A N 10571
1136	4ACSR	61.4	24.9	0.0	A N	49	33	4	5	87	57	7	84	0.1	1.9	124.1	0.1	-0.8	A N 1136
11361	4ACSR	65.6	24.9	0.0	A N	38	26	3	2	38	25	3	84	0.0	2.0	124.0	0.0	-0.8	A N 11361
11348	4ACSR	60.6	24.9	0.0	A N	62	42	5	4	62	41	5	84	0.1	1.8	124.2	0.0	-1.2	A N 11348
11346	4ACSR	54.5	24.9	0.0	A N	23	16	2	1	23	15	2	84	0.0	1.7	124.3	0.0	-0.6	A N 11346
11344	4ACSR	54.5	24.9	0.0	A N	79	53	6	5	79	52	6	83	0.1	1.7	124.3	0.0	-0.8	A N 11344

Frenchburg Ckt 4 — Section Load — Load Into Section — 120V Base — Losses

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
	11342	4ACSR	52.8	24.9	0.0	A N	16	11	1	1	16	10	1	84	0.0	1.6	124.4	0.0	-0.6	A N	11342
	1135	4ACSR	53.1	24.9	0.0	A N	43	29	3	21	371	237	30	84	0.6	2.1	123.9	1.7	0.1	A N	1135
	Regulator	1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1135																			
		A N : Tap = 4 RAISE																			
H	Regulator		53.1	24.9	0.0	A N				26	326	208	26	84	-3.1	-1.0	126.7	-0.0	0.0	A N	Regulator
H	11357	4ACSR	54.3	24.9	0.0	A N	4	3	0	17	306	195	24	84	0.1	-0.8	126.8	0.4	-0.1	A N	11357
H	11358	4ACSR	55.0	24.9	0.0	A N	8	5	1	14	246	156	19	84	0.1	-0.8	126.8	0.1	-0.1	A N	11358
H	11354	4ACSR	58.7	24.9	0.0	A N	28	19	2	12	207	131	16	84	0.3	-0.5	126.5	0.4	-0.5	A N	11354
H	11356	4ACSR	64.0	24.9	0.0	A N	23	16	2	8	140	88	11	85	0.3	-0.2	126.2	0.3	-0.9	A N	11356
H	1140	4ACSR	65.8	24.9	0.0	A N	26	18	2	3	62	40	5	84	0.0	-0.2	126.2	0.0	-0.4	A N	1140
H	11402	4ACSR	68.8	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	-0.2	126.2	0.0	-0.6	A N	11402
H	11401	4ACSR	70.8	24.9	0.0	A N	36	24	3	2	36	23	3	84	0.0	-0.1	126.1	0.0	-1.0	A N	11401
H	1137	4ACSR	67.5	24.9	0.0	A N	24	16	2	3	54	33	4	85	0.1	-0.2	126.2	0.0	-0.7	A N	1137
H	11371	4ACSR	73.4	24.9	0.0	A N	12	8	1	1	12	7	1	87	0.0	-0.1	126.1	0.0	-1.2	A N	11371
H	11372	4ACSR	70.0	24.9	0.0	A N	11	8	1	1	18	11	1	87	0.0	-0.1	126.1	0.0	-0.5	A N	11372
H	11373	4ACSR	73.1	24.9	0.0	A N	5	3	0	0	5	3	0	88	0.0	-0.1	126.1	0.0	-0.6	A N	11373
H	11374	4ACSR	72.9	24.9	0.0	A N	2	1	0	0	2	1	0	93	0.0	-0.1	126.1	0.0	-0.6	A N	11374
H	11355	4ACSR	62.6	24.9	0.0	A N	39	26	3	2	39	25	3	84	0.0	-0.4	126.4	0.0	-0.8	A N	11355
H	11353	4ACSR	62.1	24.9	0.0	A N	31	21	2	2	31	19	2	85	0.0	-0.7	126.7	0.0	-1.5	A N	11353
H	11352	4ACSR	60.0	24.9	0.0	A N	56	38	4	3	56	36	4	84	0.1	-0.8	126.8	0.0	-1.2	A N	11352
H	11351	4ACSR	56.0	24.9	0.0	A N	20	14	2	1	20	13	2	84	0.0	-0.9	126.9	0.0	-0.6	A N	11351
	10631	2ACSR	34.0	24.9	0.0	A N	20	14	2	1	20	13	2	85	0.0	0.3	125.7	0.0	-1.0	A N	10631
	1062	4ACSR	28.8	24.9	0.0	A N	28	19	2	3	62	39	5	85	0.1	1.3	124.7	0.1	-1.2	A N	1062
	10621	4ACSR	36.3	24.9	0.0	A N	33	23	3	2	33	21	3	85	0.0	1.3	124.7	0.0	-1.5	A N	10621
	1076	4ACSR	13.7	24.9	0.0	A N	7	5	1	2	32	19	2	86	0.0	0.4	125.6	0.0	-0.5	A N	1076
	10761	6ACWC	19.4	24.9	0.0	A N	16	11	1	1	16	10	1	86	0.0	0.4	125.6	0.0	-1.1	A N	10761
	10762	4ACSR	19.6	24.9	0.0	A N	9	6	1	0	9	5	1	88	0.0	0.4	125.6	0.0	-1.2	A N	10762

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********** Load-Flow Results For Hope Ckt 1 **********
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Hope Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2141	73	94	100			126.0			ABCN	Feeder
	710	1/0CU	6.1	12.5	0.0	ABCN	84	38	4	30	2141	73	94	100	1.1	1.1	124.9	18.2	20.9	ABCN	710
	7101	1/0CU	11.8	12.5	0.0	ABCN	30	14	1	29	2038	14	91	100	1.0	2.1	123.9	15.7	18.0	ABCN	7101
	7102	1/0CU	15.1	12.5	0.0	ABCN	16	7	1	29	1992	-18	89	-100	0.6	2.6	123.4	9.2	10.5	ABCN	7102
	675	1/0CU	17.1	12.5	0.0	ABCN	2	1	0	24	1663	-172	75	-99	0.2	2.9	123.1	3.8	4.2	ABCN	675
	6751	1/0CU	17.4	12.5	0.0	ABCN	-0	-0	0	24	1618	-195	74	-99	0.0	2.9	123.1	0.6	0.7	ABCN	6751
	677	1/0CU	19.1	12.5	0.0	ABCN	17	7	1	23	1566	-218	71	-99	0.2	3.1	122.9	2.9	3.3	ABCN	677
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 677																				
	ABCN : Tap = 3 RAISE																				
	Regulator		19.1	12.5	0.0	ABCN				71	1546	-229	71	-99	-2.3	0.8	125.2	0.0	-0.0	ABCN	Regulator
	6771	1/0CU	23.5	12.5	0.0	ABCN	13	-320	14	22	1546	-229	69	-99	0.5	1.4	124.6	7.2	7.9	ABCN	6771
	Capacitor (Wye-Gnd Connected) at Center of Section 6771																				
	ABCN : Nominal = 300 kvar Actual = 325 kvar																				
	700	6ACWC	25.6	12.5	0.0	A N	13	6	2	71	676	309	100	91	1.9	3.5	122.5	9.8	5.8	A N	700
	7006	6ACWC	28.4	12.5	0.0	A N	2	1	0	70	654	297	98	91	2.6	6.1	119.9	13.2	7.8	A N	7006
	7001	4ACSR	32.6	12.5	0.0	A N	32	14	5	3	32	14	5	91	0.1	6.2	119.8	0.0	-0.2	A N	7001
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7002																				
	A N : Tap = 7 RAISE																				
C	Regulator		28.4	12.5	0.0	A N				92	606	274	92	91	-5.2	0.8	125.2	0.0	0.0	A N	Regulator
	7002	6ACWC	33.8	12.5	0.0	A N	48	22	7	63	606	274	89	91	4.3	5.1	120.9	18.8	11.0	A N	7002
	662	6ACWC	36.5	12.5	0.0	A N	63	28	10	41	379	170	57	91	1.4	6.5	119.5	3.7	2.1	A N	662
	660	4ACSR	38.0	12.5	0.0	A N	17	8	3	29	265	118	40	91	0.6	7.0	119.0	1.2	0.6	A N	660
	6601	4ACSR	41.1	12.5	0.0	A N	48	22	7	5	48	22	7	91	0.1	7.1	118.9	0.0	-0.1	A N	6601
L	6602	4ACSR	42.4	12.5	0.0	A N	14	6	2	22	198	88	30	91	1.3	8.3	117.7	2.0	0.9	A N	6602
L	657	6ACWC	49.3	12.5	0.0	A N	67	30	10	20	182	81	28	91	1.5	9.8	116.2	1.9	0.8	A N	657
L	656	4ACSR	50.8	12.5	0.0	A N	38	17	6	12	104	46	16	91	0.2	10.0	116.0	0.1	0.0	A N	656
L	6561	4ACSR	57.2	12.5	0.0	A N	32	14	5	4	32	14	5	91	0.2	10.2	115.8	0.0	-0.3	A N	6561
L	6562	4ACSR	56.5	12.5	0.0	A N	22	10	4	4	34	15	5	92	0.2	10.2	115.8	0.0	-0.2	A N	6562
L	6563	4ACSR	65.2	12.5	0.0	A N	11	5	2	1	11	5	2	92	0.1	10.3	115.7	0.0	-0.4	A N	6563
L	655	4ACSR	57.3	12.5	0.0	A N	9	4	1	1	9	4	1	92	0.1	9.9	116.1	0.0	-0.3	A N	655
	661	4ACSR	42.8	12.5	0.0	A N	48	22	7	5	48	21	7	91	0.2	6.7	119.3	0.1	-0.2	A N	661
	664	4ACSR	39.0	12.5	0.0	A N	118	53	18	13	118	53	18	91	0.5	5.6	120.4	0.4	-0.0	A N	664
	665	4ACSR	39.2	12.5	0.0	A N	27	12	4	5	42	19	6	92	0.2	5.3	120.7	0.1	-0.2	A N	665
	6651	4ACSR	45.3	12.5	0.0	A N	16	7	2	2	16	7	2	92	0.1	5.4	120.6	0.0	-0.3	A N	6651
	701	1/0CU	27.5	12.5	0.0	ABCN	33	15	2	13	849	-227	39	-97	0.2	1.5	124.5	2.1	1.7	ABCN	701
	7016	4ACSR	34.1	12.5	0.0	A N	58	26	9	6	58	26	9	91	0.3	2.0	124.0	0.1	-0.3	A N	7016
	7011	1/0CU	32.0	12.5	0.0	ABCN	9	4	0	12	756	-270	36	-94	0.2	1.7	124.3	2.0	1.6	ABCN	7011
	7012	4ACSR	37.5	12.5	0.0	A N	32	14	5	3	32	14	5	91	0.1	2.1	123.9	0.0	-0.3	A N	7012
	7013	1/0CU	35.7	12.5	0.0	ABCN	30	-308	14	11	713	-290	34	-93	0.2	1.9	124.1	1.3	0.9	ABCN	7013
	Capacitor (Wye-Gnd Connected) at Center of Section 7013																				
	ABCN : Nominal = 300 kvar Actual = 322 kvar																				
	7014	1/0ACSR	38.1	12.5	0.0	ABCN	168	9	8	3	169	8	8	100	0.0	1.9	124.1	0.2	-0.3	ABCN	7014
	7015	1/0CU	40.2	12.5	0.0	ABCN	10	4	0	7	512	8	23	100	0.2	2.1	123.9	0.8	0.1	ABCN	7015
	702	4ACSR	46.0	12.5	0.0	AB N	53	24	4	7	127	56	9	92	0.4	2.5	123.5	0.4	-0.4	AB N	702
	7021	4ACSR	50.2	12.5	0.0	AB N	40	18	3	4	74	32	5	92	0.1	2.6	123.4	0.1	-0.4	AB N	7021
	10376	4ACSR	50.6	12.5	0.0	AB N	3	1	0	0	3	1	0	92	0.0	2.6	123.4	0.0	-0.0	AB N	10376
	7022	4ACSR	58.6	12.5	0.0	A N	30	14	4	3	30	13	4	92	0.2	3.3	122.7	0.0	-0.4	A N	7022
	667	4ACSR	44.4	12.5	0.0	ABCN	195	-132	11	12	374	-53	17	-99	0.4	2.5	123.5	1.7	-0.0	ABCN	667
	Capacitor (Wye-Gnd Connected) at Center of Section 667																				
	ABCN : Nominal = 150 kvar Actual = 159 kvar																				
	666	4ACSR	46.3	12.5	0.0	AB N	43	19	3	5	99	44	7	91	0.1	2.7	123.3	0.1	-0.2	AB N	666
	6661	4ACSR	51.4	12.5	0.0	A N	56	25	8	6	56	25	8	91	0.2	3.5	122.5	0.1	-0.2	A N	6661
	6671	4ACSR	48.5	12.5	0.0	A N	49	22	7	5	49	22	7	91	0.1	3.3	122.7	0.1	-0.2	A N	6671
	6672	4ACSR	45.4	12.5	0.0	A N	28	13	4	3	28	13	4	91	0.0	3.2	122.8	0.0	-0.0	A N	6672
	711	6ACWC	23.0	12.5	0.0	A N	32	14	5	5	51	22	8	92	0.3	3.4	122.6	0.1	-0.2	A N	711
	7111	6ACWC	28.8	12.5	0.0	A N	13	6	2	2	19	8	3	92	0.1	3.5	122.5	0.0	-0.3	A N	7111
	7112	6ACWC	32.9	12.5	0.0	A N	6	3	1	1	6	3	1	92	0.0	3.5	122.5	0.0	-0.2	A N	7112
	676	4ACSR	20.2	12.5	0.0	A N	3	1	0	4	40	18	6	91	0.2	3.2	122.8	0.1	-0.1	A N	676
	6761	4ACSR	21.9	12.5	0.0	A N	14	6	2	2	14	6	2	91	0.0	3.3	122.7	0.0	-0.1	A N	6761
	6762	4ACSR	23.9	12.5	0.0	A N	23	10	3	2	23	10	3	91	0.1	3.3	122.7	0.0	-0.2	A N	6762
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 674																				

Hope Ckt 1 [redacted]ction Load Load Into Section -- 120V Ba[redacted]- Losses

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
A N : Tap = 3 RAISE																				
Regulator		15.1	12.5	0.0	A N				45	303	136	45	91	-2.3	0.5	125.5	0.0	0.0	A N	Regulator
674	4ACSR	20.6	12.5	0.0	A N	27	12	4	31	303	136	44	91	2.3	2.8	123.2	5.2	2.5	A N	674
6741	4ACSR	25.5	12.5	0.0	A N	23	10	3	2	23	10	3	91	0.1	2.9	123.1	0.0	-0.2	A N	6741
6742	4ACSR	21.8	12.5	0.0	A N	0	0	0	26	248	111	37	91	0.4	3.2	122.8	0.8	0.4	A N	6742
6743	4ACSR	27.6	12.5	0.0	A N	45	20	7	5	45	20	7	91	0.2	3.4	122.6	0.1	-0.2	A N	6743
6744	4ACSR	23.9	12.5	0.0	A N	45	20	7	21	202	90	30	91	0.6	3.8	122.2	0.8	0.3	A N	6744
668	4ACSR	27.0	12.5	0.0	A N	32	15	5	5	43	19	6	91	0.1	3.9	122.1	0.0	-0.1	A N	668
6681	4ACSR	30.9	12.5	0.0	A N	11	5	2	1	11	5	2	92	0.0	4.0	122.0	0.0	-0.2	A N	6681
673	4ACSR	27.9	12.5	0.0	A N	59	27	9	12	113	50	17	91	0.5	4.3	121.7	0.4	0.0	A N	673
6731	4ACSR	33.1	12.5	0.0	A N	53	24	8	6	53	24	8	91	0.2	4.5	121.5	0.1	-0.2	A N	6731

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********** Load-Flow Results For Hope Ckt 2 **********
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Hope Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section Name
	Feeder			12.5	0.0	ABCN					1229	533	59	92			126.0			ABCN	Feeder
	717	1/0CU	4.9	12.5	0.0	ABCN	207	59	10	19	1229	533	59	92	0.7	0.7	125.3	5.2	5.5	ABCN	717
	7171	1/0CU	7.9	12.5	0.0	ABCN	37	17	2	16	1017	468	50	91	0.4	1.1	124.9	2.5	2.4	ABCN	7171
	718	1/0CU	12.1	12.5	0.0	ABCN	30	14	1	15	977	449	48	91	0.5	1.7	124.3	3.2	3.1	ABCN	718
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 718																				
		ABCN : Tap = 1 RAISE																			
	Regulator		12.1	12.5	0.0	ABCN				46	944	432	46	91	-1.0	0.6	125.4	0.0	-0.0	ABCN	Regulator
	7181	1/0CU	12.7	12.5	0.0	ABCN	8	4	0	15	944	432	46	91	0.1	0.7	125.3	0.4	0.4	ABCN	7181
	7182	6ACWC	20.8	12.5	0.0	A N	42	19	6	4	42	19	6	91	0.2	0.6	125.4	0.1	-0.4	A N	7182
	7183	1/0CU	13.6	12.5	0.0	ABCN	20	9	1	14	893	409	44	91	0.1	0.8	125.2	0.6	0.6	ABCN	7183
	722	1/0CU	16.5	12.5	0.0	ABCN	52	24	3	4	286	128	14	91	0.1	0.9	125.1	0.2	-0.3	ABCN	722
	7221	1/0CU	21.2	12.5	0.0	ABCN	34	15	2	4	234	105	11	91	0.1	1.0	125.0	0.2	-0.7	ABCN	7221
	7282	1/0CU	24.3	12.5	0.0	ABCN	13	6	1	0	13	5	1	93	0.0	1.0	125.0	0.0	-0.6	ABCN	7282
	723	6ACWC	27.7	12.5	0.0	A N	31	14	5	20	187	84	27	91	1.5	2.4	123.6	2.0	0.9	A N	723
	7230	6ACWC	35.6	12.5	0.0	A N	46	21	7	16	155	69	23	91	1.5	3.8	122.2	1.5	0.5	A N	7230
	7231	6ACWC	41.7	12.5	0.0	A N	17	8	3	2	17	7	3	92	0.1	3.9	122.1	0.0	-0.3	A N	7231
	7232	6ACWC	45.2	12.5	0.0	A N	90	41	14	10	90	41	14	91	0.6	4.4	121.6	0.4	-0.2	A N	7232
	721	6ACWC	18.6	12.5	0.0	A N	13	6	2	62	589	271	86	91	4.0	4.5	121.5	17.5	10.2	A N	721
	7211	6ACWC	20.9	12.5	0.0	A N	19	9	3	60	558	255	84	91	1.8	6.3	119.7	7.6	4.4	A N	7211
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7211																				
		A N : Tap = 9 RAISE																			
H	Regulator		20.9	12.5	0.0	A N				81	532	242	81	91	-6.7	-0.5	126.5	-0.0	-0.0	A N	Regulator
	7212	6ACWC	24.5	12.5	0.0	A N	22	10	3	54	520	237	75	91	2.5	2.0	124.0	9.6	5.6	A N	7212
	7213	6ACWC	28.0	12.5	0.0	A N	135	61	20	14	135	61	20	91	0.3	2.4	123.6	0.3	0.0	A N	7213
	7214	6ACWC	24.8	12.5	0.0	A N	0	0	0	37	353	160	52	91	0.2	2.2	123.8	0.5	0.3	A N	7214
	7215	6ACWC	27.6	12.5	0.0	A N	25	11	4	3	25	11	4	91	0.0	2.2	123.8	0.0	-0.1	A N	7215
	7216	6ACWC	28.6	12.5	0.0	A N	62	28	9	35	328	149	48	91	1.6	3.8	122.2	3.6	2.0	A N	7216
	7217	6ACWC	31.0	12.5	0.0	A N	3	2	0	28	262	119	39	91	0.9	4.6	121.4	1.8	0.9	A N	7217
	7218	6ACWC	35.2	12.5	0.0	A N	108	49	16	12	108	49	16	91	0.3	5.0	121.0	0.3	-0.0	A N	7218
	7219	6ACWC	31.8	12.5	0.0	A N	0	0	0	16	149	67	23	91	0.2	4.8	121.2	0.2	0.1	A N	7219
	1746	6ACWC	36.0	12.5	0.0	A N	77	35	12	8	77	35	12	91	0.2	5.0	121.0	0.1	-0.1	A N	1746
	7145	6ACWC	34.4	12.5	0.0	A N	35	16	5	8	72	32	11	91	0.2	5.0	121.0	0.1	-0.1	A N	7145
	7143	6ACWC	35.5	12.5	0.0	A N	13	6	2	1	13	6	2	91	0.0	5.0	121.0	0.0	-0.1	A N	7143
	7144	6ACWC	37.0	12.5	0.0	A N	24	11	4	3	24	11	4	91	0.0	5.0	121.0	0.0	-0.1	A N	7144
H	7210	6ACWC	26.2	12.5	0.0	A N	11	5	2	1	11	5	2	92	0.0	-0.4	126.4	0.0	-0.3	A N	7210

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********** Load-Flow Results For Hope Ckt 3 **********
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Hope Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1727	610	81	94			126.0			ABCN	Feeder
	707	6ACWC	4.9	12.5	0.0	ABCN	74	35	4	58	1727	610	81	94	3.1	3.1	122.9	42.1	13.7	ABCN	707
	706	6ACWC	8.6	12.5	0.0	ABCN	11	5	1	54	1568	542	75	95	2.3	5.4	120.6	29.2	9.4	ABCN	706
	6722	4ACSR	15.3	12.5	0.0	A	N	22	10	3	25	232	107	35	91	2.3	7.9	118.1	4.1	1.8	A N	6722
L	672	6ACWC	22.1	12.5	0.0	A	N	55	26	9	21	192	89	30	91	1.6	9.5	116.5	2.2	1.0	A N	672
L	659	4ACSR	23.9	12.5	0.0	A	N	8	4	1	15	135	62	21	91	0.4	9.9	116.1	0.4	0.1	A N	659
L	671	4ACSR	29.1	12.5	0.0	A	N	9	4	1	10	87	40	14	91	0.7	10.6	115.4	0.5	0.0	A N	671
L	6712	4ACSR	33.0	12.5	0.0	A	N	6	3	1	9	78	36	12	91	0.5	11.0	115.0	0.3	-0.0	A N	6712
L	6713	4ACSR	37.5	12.5	0.0	A	N	22	10	3	8	72	33	11	91	0.4	11.5	114.5	0.2	-0.1	A N	6713
L	658	4ACSR	40.2	12.5	0.0	A	N	23	11	4	6	50	23	8	91	0.2	11.6	114.4	0.1	-0.1	A N	658
L	654	4ACSR	48.1	12.5	0.0	A	N	23	11	4	3	23	11	4	91	0.1	11.8	114.2	0.0	-0.3	A N	654
L	6581	4ACSR	46.9	12.5	0.0	A	N	3	1	0	0	3	1	0	93	0.0	11.6	114.4	0.0	-0.3	A N	6581
L	670	4ACSR	29.3	12.5	0.0	A	N	26	12	4	4	39	18	6	91	0.2	10.1	115.9	0.1	-0.2	A N	670
L	6701	4ACSR	36.2	12.5	0.0	A	N	13	6	2	1	13	6	2	91	0.1	10.2	115.8	0.0	-0.3	A N	6701
	6721	4ACSR	23.2	12.5	0.0	A	N	14	7	2	2	14	6	2	91	0.1	8.0	118.0	0.0	-0.3	A N	6721
	709	6ACWC	12.1	12.5	0.0	ABCN		24	11	1	45	1295	420	63	95	1.8	7.2	118.8	18.8	5.9	ABCN	709
L	7091	6ACWC	16.5	12.5	0.0	ABCN		30	14	2	44	1252	403	62	95	2.2	9.3	116.7	22.3	7.0	ABCN	7091
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7091																				
		ABCN : Tap = 12 RAISE																			
	Regulator			16.5	12.5	0.0	ABCN				60	1200	382	60	95	-8.7	0.6	125.4	-0.0	0.0	ABCN	Regulator
	705	6ACWC	19.8	12.5	0.0	ABCN		47	-140	7	40	1199	381	56	95	1.5	2.1	123.9	14.2	4.3	ABCN	705
	Capacitor (Wye-Gnd Connected) at Center of Section 705																				
		ABCN : Nominal = 150 kvar Actual = 162 kvar																			
	704	6ACWC	22.6	12.5	0.0	ABCN		13	6	1	21	584	271	29	91	0.7	2.7	123.3	3.2	0.6	ABCN	704
	7041	6ACWC	23.8	12.5	0.0	ABCN		5	2	0	9	247	113	12	91	0.1	2.9	123.1	0.2	-0.1	ABCN	7041
	4721	6ACWC	26.0	12.5	0.0	ABCN		0	0	0	5	150	69	7	91	0.1	3.0	123.0	0.2	-0.3	ABCN	4721
	472	6ACWC	30.5	12.5	0.0	ABCN		70	33	4	5	150	69	7	91	0.2	3.2	122.8	0.3	-0.6	ABCN	472
	471	4ACSR	36.1	12.5	0.0	A	N	44	21	7	9	79	37	12	91	0.5	4.3	121.7	0.3	-0.1	A N	471
	4711	4ACSR	42.3	12.5	0.0	A	N	35	16	5	4	35	16	5	91	0.2	4.4	121.6	0.0	-0.3	A N	4711
	708	6ACWC	29.0	12.5	0.0	ABCN		41	19	2	3	91	42	5	91	0.1	3.0	123.0	0.1	-0.8	ABCN	708
	703	4ACSR	36.2	12.5	0.0	A	N	50	24	8	5	50	23	8	91	0.3	3.8	122.2	0.1	-0.3	A N	703
	473	4ACSR	28.5	12.5	0.0	A	N	60	28	9	34	320	150	48	91	2.6	5.7	120.3	5.9	2.8	A N	473
	4731	4ACSR	32.7	12.5	0.0	A	N	57	27	9	28	254	119	39	91	1.5	7.2	118.8	2.7	1.2	A N	4731
	4732	4ACSR	33.3	12.5	0.0	A	N	11	5	2	22	194	91	30	91	0.2	7.4	118.6	0.3	0.1	A N	4732
	4733	4ACSR	33.8	12.5	0.0	A	N	0	0	0	15	133	62	21	91	0.1	7.5	118.5	0.1	0.0	A N	4733
	474	4ACSR	41.0	12.5	0.0	A	N	48	23	7	5	48	22	7	91	0.3	7.7	118.3	0.1	-0.3	A N	474
	475	4ACSR	41.4	12.5	0.0	A	N	84	40	13	9	84	39	13	91	0.5	8.0	118.0	0.3	-0.2	A N	475
	4734	4ACSR	36.5	12.5	0.0	A	N	51	24	8	6	51	24	8	91	0.1	7.5	118.5	0.1	-0.1	A N	4734
	713	6ACWC	22.7	12.5	0.0	A	N	30	14	4	58	552	244	81	91	2.2	4.7	121.3	8.9	5.2	A N	713
	715	4ACSR	28.6	12.5	0.0	A	N	53	25	8	21	202	79	30	93	1.5	6.2	119.8	2.2	0.9	A N	715
	7151	4ACSR	33.9	12.5	0.0	A	N	18	8	3	16	147	53	22	94	1.1	7.3	118.7	1.2	0.4	A N	7151
	7153	4ACSR	35.5	12.5	0.0	A	N	12	6	2	6	58	27	9	91	0.1	7.4	118.6	0.1	-0.0	A N	7153
	7154	4ACSR	39.7	12.5	0.0	A	N	39	18	6	4	39	18	6	91	0.1	7.5	118.5	0.0	-0.2	A N	7154
	7155	4ACSR	37.0	12.5	0.0	A	N	7	3	1	1	7	3	1	91	0.0	7.4	118.6	0.0	-0.1	A N	7155
	720	4ACSR	39.4	12.5	0.0	A	N	70	18	10	7	70	17	10	97	0.3	7.5	118.5	0.1	-0.2	A N	720
	714	4ACSR	29.4	12.5	0.0	A	N	108	51	17	34	312	146	47	91	2.6	7.3	118.7	5.7	2.7	A N	714
	7140	4ACSR	33.3	12.5	0.0	A	N	58	27	9	10	86	40	13	91	0.4	7.6	118.4	0.2	-0.1	A N	7140
	7142	4ACSR	38.2	12.5	0.0	A	N	29	13	4	3	29	13	4	91	0.1	7.7	118.3	0.0	-0.2	A N	7142
	7141	4ACSR	31.7	12.5	0.0	A	N	111	52	17	12	111	52	17	90	0.2	7.5	118.5	0.2	-0.0	A N	7141
	716	4ACSR	8.7	12.5	0.0	A	N	7	3	1	5	43	20	6	91	0.2	3.5	122.5	0.1	-0.1	A N	716
	7161	4ACSR	13.5	12.5	0.0	A	N	36	17	5	4	36	17	5	91	0.1	3.7	122.3	0.0	-0.2	A N	7161

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********** Load-Flow Results For Hunt Ckt 1 **********
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Hunt Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Accm Drop	Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3016	972	70	95			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	43	20	1	12	3016	972	70	95	0.3	0.3	125.7	4.2	5.1	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	14	6	0	12	2968	947	69	95	0.1	0.4	125.6	1.2	1.4	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	20	9	0	12	2928	928	68	95	0.3	0.6	125.4	3.6	4.2	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	45	21	1	11	2905	914	68	95	0.2	0.9	125.1	3.3	3.7	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	15	7	0	11	2773	852	64	96	0.1	0.9	125.1	1.4	1.4	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	32	15	2	2	32	15	2	91	0.0	1.0	125.0	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	5	3	0	11	2724	829	63	96	0.1	1.0	125.0	1.0	1.0	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	3	1	0	10	578	255	14	92	0.1	1.1	124.9	0.6	-1.2	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	14	7	0	10	575	255	14	91	0.1	1.2	124.8	0.4	-1.0	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	0	0	0	3	63	27	5	92	0.1	1.3	124.7	0.0	-0.6	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	37	18	3	2	37	16	3	91	0.0	1.4	124.6	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	26	12	2	1	26	12	2	91	0.0	1.4	124.6	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	7	3	0	9	498	222	12	91	0.1	1.3	124.7	0.4	-1.1	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	-0	-0	0	7	425	189	10	91	0.0	1.4	124.6	0.1	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	74	35	2	3	146	64	4	92	0.0	1.4	124.6	0.0	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	55	26	1	1	72	31	2	92	0.0	1.4	124.6	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	17	8	0	0	17	7	0	93	0.0	1.4	124.6	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	31	15	2	15	279	125	20	91	0.6	2.0	124.0	1.3	-0.6	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	27	13	2	1	27	12	2	92	0.0	2.0	124.0	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	23	11	2	3	56	25	4	91	0.0	2.0	124.0	0.0	-0.4	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	33	15	2	2	33	15	2	91	0.0	2.1	123.9	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	101	48	8	9	163	74	12	91	0.2	2.3	123.7	0.3	-1.0	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	30	14	2	2	30	13	2	92	0.0	2.3	123.7	0.0	-1.6	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	32	15	2	2	32	15	2	91	0.0	2.3	123.7	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	65	31	5	3	65	30	5	91	0.0	1.4	124.6	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	6	3	0	8	2139	570	49	97	0.2	1.2	124.8	2.4	0.1	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	62	-294	7	8	2088	550	48	97	0.2	1.5	124.5	2.1	-0.1	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
ABCN : Nominal = 300 kvar Actual = 324 kvar																				
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
ABCN : Tap = 1 RAISE																				
Regulator			34.8	24.9	0.0	ABCN				49	2023	844	49	92	-0.8	0.7	125.1	0.0	0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	5	2	0	7	1687	689	40	93	0.0	0.7	125.3	0.2	-0.3	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	23	11	1	5	1147	447	27	93	0.1	0.8	125.2	0.5	-2.5	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	5	2	0	19	1123	439	27	93	0.1	0.9	125.1	1.4	-0.5	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	59	28	1	3	156	67	4	92	0.1	1.0	125.0	0.1	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	27	13	1	2	97	42	2	92	0.0	1.0	125.0	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	4	2	0	0	4	1	0	99	0.0	1.0	125.0	0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	66	31	5	3	66	31	5	91	0.0	1.1	124.9	0.0	-0.6	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	34	9	1	16	961	370	23	93	0.0	1.0	125.0	0.3	-0.2	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	33	16	1	12	927	361	22	93	0.2	1.1	124.9	1.1	-1.2	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	7	3	0	11	843	324	20	93	0.1	1.2	124.8	0.6	-0.9	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	-0	0	0	4	835	322	20	93	0.0	1.2	124.8	0.1	-0.6	ABCN	2373
2375	336ACSR	50.5	24.9	0.0	ABCN	9	4	0	3	718	291	17	93	0.1	1.3	124.7	0.2	-2.9	ABCN	2375
2376	2ACSR	52.3	24.9	0.0	ABCN	5	2	0	9	709	289	17	93	0.1	1.4	124.6	0.5	-1.0	ABCN	2376
231	2ACSR	52.6	24.9	0.0	ABCN	5	2	0	1	87	32	2	94	0.0	1.4	124.6	0.0	-0.3	ABCN	231
2311	4ACSR	60.3	24.9	0.0	A N	60	28	4	3	60	27	4	91	0.1	1.5	124.5	0.0	-1.5	A N	2311
2312	2ACSR	62.6	24.9	0.0	ABCN	22	11	1	0	22	3	1	99	0.0	1.4	124.6	0.0	-7.2	ABCN	2312
241	1/0ACSR	57.0	24.9	0.0	ABCN	101	48	2	6	616	256	15	92	0.1	1.5	124.5	0.6	-3.1	ABCN	241
242	4ACSR	58.6	24.9	0.0	A N	31	15	2	7	129	56	9	92	0.1	1.7	124.3	0.1	-0.3	A N	242
2421	4ACSR	61.4	24.9	0.0	A N	5	2	0	5	98	42	7	92	0.1	1.8	124.2	0.1	-0.5	A N	2421
2422	4ACSR	67.1	24.9	0.0	A N	7	3	1	0	7	2	0	95	0.0	1.8	124.2	0.0	-1.1	A N	2422
2423	4ACSR	67.9	24.9	0.0	A N	40	19	3	5	86	38	6	91	0.2	1.9	124.1	0.1	-1.2	A N	2423
2424	4ACSR	74.1	24.9	0.0	A N	46	22	3	2	46	20	3	91	0.1	2.0	124.0	0.0	-1.2	A N	2424
253	1/0ACSR	59.3	24.9	0.0	ABCN	3	1	0	4	386	155	9	93	0.0	1.6	124.4	0.1	-1.6	ABCN	253
2531	1/0ACSR	60.0	24.9	0.0	ABCN	53	5	1	1	53	4	1	100	0.0	1.6	124.4	0.0	-0.5	ABCN	2531
2532	4ACSR	61.8	24.9	0.0	A N	32	15	2	13	253	117	19	91	0.2	1.9	124.1	0.4	-0.3	A N	2532
254	4ACSR	64.6	24.9	0.0	A N	60	29	4	3	60	28	4	91	0.0	1.9	124.1	0.0	-0.5	A N	254
265	4ACSR	66.1	24.9	0.0	A N	48	22	4	8	161	74	12	91	0.2	2.1	123.9	0.2	-0.7	A N	265
2651	4ACSR	69.0	24.9	0.0	A N	87	41	7	6	113	52	8	91	0.1	2.2	123.8	0.1	-0.5	A N	2651

Hunt Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
276	4ACSR		71.0	24.9	0.0	A N	25	12	2	1	25	12	2	91	0.0	2.2	123.8	0.0	-0.4	A N	276
2761	4ACSR		71.2	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.0	A N	2761
264	4ACSR		63.9	24.9	0.0	A N	37	17	3	4	76	34	6	91	0.1	1.8	124.2	0.0	-0.9	A N	264
2641	4ACSR		68.8	24.9	0.0	A N	39	19	3	2	39	18	3	91	0.0	1.8	124.2	0.0	-1.0	A N	2641
2374	4ACSR		50.6	24.9	0.0	A N	117	32	8	6	117	32	8	97	0.1	1.4	124.6	0.1	-0.8	A N	2374
2371	4ACSR		49.2	24.9	0.0	A N	50	23	4	3	50	22	4	91	0.0	1.2	124.8	0.0	-1.0	A N	2371
263	4ACSR		42.4	24.9	0.0	A N	88	41	6	28	535	239	39	91	1.2	1.9	124.1	4.5	1.1	A N	263
2631	4ACSR		46.8	24.9	0.0	A N	27	13	2	19	364	162	27	91	0.6	2.5	123.5	1.6	-0.0	A N	2631
273	4ACSR		49.3	24.9	0.0	A N	10	5	1	18	335	150	25	91	0.3	2.8	123.2	0.8	-0.1	A N	273
3031	4ACSR		51.2	24.9	0.0	A N	1	1	0	12	230	105	17	91	0.2	3.0	123.0	0.3	-0.2	A N	3031
303	4ACSR		52.6	24.9	0.0	A N	8	4	1	11	198	90	15	91	0.1	3.1	122.9	0.2	-0.2	A N	303
3034	4ACSR		55.6	24.9	0.0	A N	26	12	2	8	146	67	11	91	0.1	3.2	122.8	0.2	-0.5	A N	3034
304	4ACSR		57.0	24.9	0.0	A N	31	15	2	2	31	14	2	91	0.0	3.2	122.8	0.0	-0.3	A N	304
3041	4ACSR		61.8	24.9	0.0	A N	89	42	7	5	89	41	7	91	0.1	3.3	122.7	0.1	-1.2	A N	3041
3033	4ACSR		57.4	24.9	0.0	A N	44	21	3	2	44	20	3	91	0.0	3.1	122.9	0.0	-0.9	A N	3033
3032	4ACSR		53.9	24.9	0.0	A N	30	14	2	2	30	14	2	91	0.0	3.0	123.0	0.0	-0.5	A N	3032
274	4ACSR		55.4	24.9	0.0	A N	61	29	5	5	94	40	7	92	0.1	2.9	123.1	0.1	-1.1	A N	274
2642	4ACSR		56.0	24.9	0.0	A N	0	0	0	2	33	13	2	93	0.0	3.0	123.0	0.0	-0.1	A N	2642
2643	4ACSR		59.6	24.9	0.0	A N	0	0	0	2	33	13	2	93	0.0	3.0	123.0	0.0	-0.7	A N	2643
2644	4ACSR		63.6	24.9	0.0	A N	12	6	1	1	12	5	1	93	0.0	3.0	123.0	0.0	-0.8	A N	2644
275	4ACSR		65.5	24.9	0.0	A N	20	10	2	1	20	8	1	92	0.0	3.0	123.0	0.0	-1.1	A N	275
272	4ACSR		51.8	24.9	0.0	A N	15	7	1	4	78	34	6	92	0.2	2.2	123.8	0.1	-1.8	A N	272
2721	4ACSR		55.7	24.9	0.0	A N	39	18	3	2	39	18	3	91	0.0	2.2	123.8	0.0	-0.8	A N	2721
2722	4ACSR		54.5	24.9	0.0	A N	24	11	2	1	24	11	2	91	0.0	2.2	123.8	0.0	-0.5	A N	2722
251	4ACSR		38.9	24.9	0.0	A N	66	31	5	18	337	155	25	91	0.5	1.2	124.8	1.1	-0.2	A N	251
2511	4ACSR		41.8	24.9	0.0	A N	159	75	12	14	269	124	20	91	0.2	1.4	124.6	0.4	-0.4	A N	2511
247	4ACSR		45.7	24.9	0.0	A N	46	22	3	5	88	40	6	91	0.1	1.5	124.5	0.1	-0.7	A N	247
2471	4ACSR		47.9	24.9	0.0	A N	42	20	3	2	42	19	3	91	0.0	1.5	124.5	0.0	-0.4	A N	2471
250	4ACSR		46.6	24.9	0.0	A N	22	11	2	1	22	10	2	92	0.0	1.4	124.6	0.0	-1.0	A N	250
2712	4ACSR		29.8	24.9	0.0	A N	2	1	0	2	43	18	3	92	0.0	1.3	124.7	0.0	-0.2	A N	2712
271	4ACSR		38.4	24.9	0.0	A N	26	12	2	1	26	11	2	93	0.0	1.3	124.7	0.0	-1.7	A N	271
2711	4ACSR		32.6	24.9	0.0	A N	15	7	1	1	15	7	1	92	0.0	1.3	124.7	0.0	-0.6	A N	2711
268	4ACSR		23.5	24.9	0.0	A N	24	11	2	4	83	37	6	91	0.1	1.0	125.0	0.1	-1.1	A N	268
26801	4ACSR		27.9	24.9	0.0	A N	60	28	4	3	60	27	4	91	0.0	1.1	124.9	0.0	-0.9	A N	26801
30002	4ACSR		12.7	24.9	0.0	A N	25	12	2	1	25	11	2	92	0.0	0.4	125.6	0.0	-1.0	A N	30002

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********** Load-Flow Results For Hunt Ckt 2 **********
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Hunt Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					347	141	17	93			126.0			ABCN	Feeder
332	1/0ACSR	6.3	12.5	0.0	ABCN	0	-0	0	7	347	141	17	93	0.4	0.4	125.6	1.1	-0.4	ABCN	332
333	1/0ACSR	10.6	12.5	0.0	ABCN	4	2	0	4	197	74	9	94	0.2	0.6	125.4	0.2	-0.6	ABCN	333
320	4ACSR	11.3	12.5	0.0	A N	9	4	1	16	158	70	23	91	0.2	0.8	125.2	0.2	0.1	A N	320
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 320																				
A N : Tap = 0 NEUTRAL																				
Regulator		11.3	12.5	0.0	A N				22	149	66	22	91	0.0	0.8	125.2	0.0	0.0	A N	Regulator
32000	4ACSR	12.1	12.5	0.0	A N	3	1	0	16	149	66	22	91	0.2	1.0	125.0	0.2	0.1	A N	32000
32001	4ACSR	16.7	12.5	0.0	A N	13	6	2	15	146	65	21	91	0.9	1.9	124.1	1.0	0.3	A N	32001
32002	4ACSR	19.9	12.5	0.0	A N	9	4	1	2	21	9	3	92	0.1	2.0	124.0	0.0	-0.2	A N	32002
32003	4ACSR	25.2	12.5	0.0	A N	7	3	1	1	11	5	2	93	0.1	2.0	124.0	0.0	-0.3	A N	32003
32004	4ACSR	32.6	12.5	0.0	A N	4	2	1	0	4	2	1	94	0.0	2.0	124.0	0.0	-0.4	A N	32004
321	4ACSR	22.6	12.5	0.0	A N	28	13	4	12	111	50	16	91	0.8	2.7	123.3	0.7	0.1	A N	321
310	4ACSR	29.6	12.5	0.0	A N	44	20	7	8	71	32	11	91	0.5	3.2	122.8	0.2	-0.2	A N	310
31000	4ACSR	35.7	12.5	0.0	A N	27	12	4	3	27	12	4	91	0.1	3.4	122.6	0.0	-0.3	A N	31000
31001	4ACSR	28.7	12.5	0.0	A N	11	5	2	1	11	5	2	92	0.0	2.8	123.2	0.0	-0.3	A N	31001
334	1/0ACSR	14.4	12.5	0.0	ABCN	10	5	0	1	35	3	2	100	0.0	0.6	125.4	0.0	-0.7	ABCN	334
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 334																				
ABCN : Tap = 0 NEUTRAL																				
Regulator		14.4	12.5	0.0	ABCN				1	24	-1	1	-100	0.0	0.6	125.4	0.0	0.0	ABCN	Regulator
33400	1/0ACSR	15.8	12.5	0.0	ABCN	0	-0	0	0	24	-1	1	-100	0.0	0.6	125.4	0.0	-0.3	ABCN	33400
33401	1/0ACSR	17.7	12.5	0.0	ABCN	-0	0	0	0	24	-1	1	-100	0.0	0.6	125.4	0.0	-0.4	ABCN	33401
329	1/0ACSR	20.8	12.5	0.0	ABCN	24	0	1	0	24	-0	1	-100	0.0	0.7	125.3	0.0	-0.6	ABCN	329
317	4ACSR	12.2	12.5	0.0	A N	28	13	4	16	149	67	22	91	1.2	1.6	124.4	1.2	0.4	A N	317
301	4ACSR	13.6	12.5	0.0	A N	24	11	4	13	120	55	18	91	0.2	1.8	124.2	0.2	0.0	A N	301
30100	4ACSR	19.6	12.5	0.0	A N	38	17	6	10	96	43	14	91	0.7	2.5	123.5	0.4	-0.1	A N	30100
30101	4ACSR	27.7	12.5	0.0	A N	57	26	9	6	57	26	9	91	0.3	2.9	123.1	0.2	-0.3	A N	30101
316	4ACSR	16.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.6	124.4	0.0	-0.2	A N	316

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********** Load-Flow Results For Hunt Ckt 3 **********

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Hunt Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1602	700	39	92			126.0			ABCN	Feeder
72	1/0ACSR	4.4	24.9	0.0	ABCN	10	5	0	17	1602	700	39	92	0.4	0.4	125.6	4.1	-0.2	ABCN	72
72721	1/0ACSR	9.1	24.9	0.0	ABCN	34	16	1	17	1588	695	38	92	0.4	0.8	125.2	4.4	-0.3	ABCN	72721
344	4ACSR	17.5	24.9	0.0	A N	2	1	0	0	2	-1	0	-92	0.0	0.8	125.2	0.0	-1.7	A N	344
345	1/0ACSR	14.9	24.9	0.0	ABCN	46	22	1	16	1548	680	38	92	0.5	1.2	124.8	5.1	-0.6	ABCN	345
355	1/0ACSR	19.3	24.9	0.0	ABCN	8	4	0	16	1493	659	36	91	0.3	1.6	124.4	3.7	-0.5	ABCN	355
3552	1/0ACSR	20.8	24.9	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	1.6	124.4	0.0	-1.1	ABCN	3552
3551	1/0ACSR	20.7	24.9	0.0	ABCN	4	2	0	16	1481	657	36	91	0.1	1.7	124.3	1.1	-0.2	ABCN	3551
361	1/0ACSR	27.9	24.9	0.0	ABCN	4	2	0	16	1476	655	36	91	0.6	2.2	123.8	6.0	-0.9	ABCN	361
3611	1/0ACSR	34.3	24.9	0.0	ABCN	33	16	1	16	1466	654	36	91	0.5	2.7	123.3	5.2	-0.8	ABCN	3611
374	1/0ACSR	40.5	24.9	0.0	ABCN	61	29	2	14	1306	588	32	91	0.4	3.1	122.9	3.9	-1.6	ABCN	374
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 374																				
ABCN : Tap = 4 RAISE																				
Regulator			40.5	24.9	0.0	ABCN				31	1241	561	31	91	-3.1	0.1	125.7	-0.0	0.0	ABCN	Regulator
3741	1/0ACSR	40.8	24.9	0.0	ABCN	0	0	0	13	1241	561	30	91	0.0	0.1	125.9	0.2	-0.1	ABCN	3741
3742	1/0ACSR	47.4	24.9	0.0	ABCN	74	35	2	13	1241	561	30	91	0.4	0.5	125.5	3.6	-2.3	ABCN	3742
376	1/0ACSR	48.6	24.9	0.0	ABCN	6	3	0	12	1111	506	27	91	0.1	0.6	125.4	0.6	-0.5	ABCN	376
403	1/0ACSR	52.7	24.9	0.0	ABCN	80	38	2	10	927	421	23	91	0.2	0.8	125.2	1.2	-2.2	ABCN	403
404	1/0ACSR	56.9	24.9	0.0	ABCN	4	2	0	9	845	385	21	91	0.2	1.0	125.0	1.1	-2.4	ABCN	404
406	1/0ACSR	61.7	24.9	0.0	ABCN	69	33	2	9	814	374	20	91	0.2	1.2	124.8	1.1	-2.8	ABCN	406
40600	1/0ACSR	62.3	24.9	0.0	ABCN	32	15	1	7	696	324	17	91	0.0	1.2	124.8	0.1	-0.4	ABCN	40600
410	4ACSR	65.8	24.9	0.0	A N	145	69	11	21	388	182	29	91	0.4	1.8	124.2	1.1	-0.1	A N	410
411	4ACSR	70.4	24.9	0.0	A N	75	36	6	8	152	70	11	91	0.2	2.0	124.0	0.2	-0.8	A N	411
401	6ACWC	76.4	24.9	0.0	A N	77	36	6	4	77	35	6	91	0.1	2.1	123.9	0.0	-1.1	A N	401
4100	4ACSR	67.3	24.9	0.0	A N	91	43	7	5	91	43	7	90	0.0	1.8	124.2	0.0	-0.3	A N	4100
413	4ACSR	68.4	24.9	0.0	A N	84	40	6	14	275	126	20	91	0.5	1.9	124.1	1.0	-0.7	A N	413
414	6ACWC	74.3	24.9	0.0	A N	58	28	4	4	80	36	6	91	0.1	2.0	124.0	0.1	-1.1	A N	414
41400	6ACWC	78.5	24.9	0.0	A N	22	10	2	1	22	9	2	92	0.0	2.0	124.0	0.0	-0.8	A N	41400
415	6ACWC	74.9	24.9	0.0	A N	110	52	8	6	110	51	8	91	0.1	2.0	124.0	0.1	-1.2	A N	415
407	6ACWC	66.0	24.9	0.0	A N	43	20	3	2	47	20	3	92	0.0	1.4	124.6	0.0	-0.9	A N	407
40700	6ACWC	71.8	24.9	0.0	A N	4	2	0	0	4	1	0	98	0.0	1.4	124.6	0.0	-1.1	A N	40700
405	4ACSR	63.9	24.9	0.0	A N	26	12	2	1	26	11	2	92	0.0	1.2	124.8	0.0	-1.4	A N	405
402	4ACSR	52.6	24.9	0.0	A N	100	48	7	9	178	83	13	91	0.2	0.9	125.1	0.2	-0.7	A N	402
4021	4ACSR	56.7	24.9	0.0	A N	78	37	6	4	78	36	6	91	0.1	1.0	125.0	0.0	-0.8	A N	4021
377	6ACWC	54.1	24.9	0.0	A N	26	12	2	3	52	22	4	92	0.1	0.7	125.3	0.0	-1.3	A N	377
400	4ACSR	61.1	24.9	0.0	A N	26	12	2	1	26	11	2	92	0.0	0.8	125.2	0.0	-1.4	A N	400
358	4ACSR	38.2	24.9	0.0	A N	39	19	3	6	122	51	9	92	0.1	2.9	123.1	0.1	-0.7	A N	358
362	4ACSR	46.3	24.9	0.0	A N	12	6	1	1	12	4	1	94	0.0	2.9	123.1	0.0	-1.6	A N	362
363	4ACSR	44.8	24.9	0.0	A N	40	19	3	4	70	29	5	93	0.1	3.1	122.9	0.1	-1.3	A N	363
356	4ACSR	62.8	24.9	0.0	A N	30	14	2	2	30	11	2	94	0.1	3.1	122.9	0.0	-3.5	A N	356
346	4ACSR	21.0	24.9	0.0	A N	3	1	0	0	3	-1	0	-98	0.0	1.3	124.7	0.0	-1.2	A N	346
34699	4ACSR	26.4	24.9	0.0	A N	1	0	0	0	1	-1	0	-55	0.0	1.3	124.7	0.0	-1.1	A N	34699

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********** Load-Flow Results For Hunt Ckt 4 **********
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Hunt Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1825	643	43	94			126.0			ABCN	Feeder
66	397ACSR	9.0	24.9	0.0	ABCN	21	10	1	7	1825	643	43	94	0.3	0.3	125.7	2.4	-2.0	ABCN	66
6666	397ACSR	10.5	24.9	0.0	ABCN	3	1	0	7	1722	604	40	94	0.0	0.3	125.7	0.4	-0.4	ABCN	6666
63	4ACSR	12.4	24.9	0.0	A N	11	5	1	8	150	68	11	91	0.1	0.4	125.6	0.1	-0.3	A N	63
63000	4ACSR	19.9	24.9	0.0	A N	57	27	4	7	139	63	10	91	0.3	0.7	125.3	0.3	-1.4	A N	63000
63001	4ACSR	24.6	24.9	0.0	A N	51	24	4	4	82	37	6	91	0.1	0.8	125.2	0.1	-0.9	A N	63001
63002	4ACSR	28.9	24.9	0.0	A N	31	15	2	2	31	14	2	91	0.0	0.9	125.1	0.0	-0.9	A N	63002
65	397ACSR	16.9	24.9	0.0	ABCN	21	10	1	6	1569	535	37	95	0.2	0.5	125.5	1.3	-2.5	ABCN	65
64	397ACSR	21.3	24.9	0.0	ABCN	89	43	2	6	1531	521	36	95	0.1	0.6	125.4	0.8	-1.9	ABCN	64
64000	397ACSR	21.9	24.9	0.0	ABCN	0	0	0	6	1441	481	34	95	0.0	0.6	125.4	0.1	-0.3	ABCN	64000
60	2ACSR	27.4	24.9	0.0	ABCN	41	20	1	16	1253	397	29	95	0.5	1.1	124.9	4.3	-1.8	ABCN	60
60000	2ACSR	29.6	24.9	0.0	ABCN	-0	-0	0	16	1208	379	28	95	0.2	1.3	124.7	1.7	-0.8	ABCN	60000
57	2ACSR	35.8	24.9	0.0	ABCN	22	11	1	16	1206	380	28	95	0.5	1.8	124.2	4.6	-2.1	ABCN	57
57000	2ACSR	40.0	24.9	0.0	ABCN	0	0	0	15	1179	371	28	95	0.3	2.1	123.9	3.1	-1.4	ABCN	57000
57001	2ACSR	40.7	24.9	0.0	ABCN	0	-0	0	15	1176	373	28	95	0.1	2.2	123.8	0.6	-0.3	ABCN	57001
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 57001																				
ABCN : Tap = 2 RAISE																				
Regulator			24.9	0.0	ABCN				28	1175	373	28	95	-1.5	0.6	125.2	-0.0	-0.0	ABCN	Regulator
55	2ACSR	49.0	24.9	0.0	ABCN	14	7	0	15	1175	374	27	95	0.7	1.3	124.7	5.9	-3.1	ABCN	55
40	1/0ACSR	50.6	24.9	0.0	ABCN	1	0	0	3	252	108	6	92	0.0	1.3	124.7	0.0	-1.2	ABCN	40
40000	1/0ACSR	53.6	24.9	0.0	ABCN	8	4	0	3	251	108	6	92	0.0	1.3	124.7	0.1	-2.2	ABCN	40000
40001	4ACSR	58.6	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	1.4	124.6	0.0	-1.0	A N	40001
40002	1/0ACSR	54.3	24.9	0.0	ABCN	38	18	1	3	243	108	6	91	0.0	1.4	124.6	0.0	-0.5	ABCN	40002
40003	1/0ACSR	61.4	24.9	0.0	ABCN	0	0	0	2	205	90	5	92	0.1	1.4	124.6	0.1	-5.3	ABCN	40003
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 40003																				
Transformer			61.4	12.4	0.0	ABCN			23	205	96	5	91	0.0	1.4	124.6	0.0	0.0	ABCN	Transformer
34	4ACSR	68.1	12.4	0.0	A N	11	5	2	12	118	55	17	91	1.1	2.6	123.4	1.0	0.2	A N	34
34000	4ACSR	73.3	12.4	0.0	A N	30	14	5	11	106	50	16	91	0.7	3.3	122.7	0.5	0.0	A N	34000
32	4ACSR	82.2	12.4	0.0	A N	63	30	10	7	63	30	10	90	0.4	3.8	122.2	0.2	-0.3	A N	32
33	4ACSR	79.4	12.4	0.0	A N	11	5	2	1	11	5	2	91	0.1	3.4	122.6	0.0	-0.3	A N	33
35	4ACSR	65.9	12.4	0.0	A N	17	8	3	9	87	40	13	91	0.5	2.0	124.0	0.3	-0.1	A N	35
36	1/0ACSR	67.4	12.4	0.0	A N	20	10	3	4	55	26	8	90	0.1	2.1	123.9	0.0	-0.1	A N	36
36000	4ACSR	72.9	12.4	0.0	A N	35	17	5	4	35	17	5	90	0.1	2.2	123.8	0.0	-0.2	A N	36000
37	4ACSR	71.9	12.4	0.0	A N	5	2	1	1	14	6	2	92	0.1	2.1	123.9	0.0	-0.3	A N	37
37000	4ACSR	79.4	12.4	0.0	A N	9	4	1	1	9	4	1	92	0.1	2.2	123.8	0.0	-0.4	A N	37000
41	1/0ACSR	56.7	24.9	0.0	ABCN	71	34	2	9	904	263	21	96	0.3	1.6	124.4	2.0	-4.3	ABCN	41
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 41																				
T Transformer			56.7	12.4	0.0	ABCN			86	830	233	19	96	0.0	1.6	124.4	0.0	0.0	ABCN	Transformer
42	4ACSR	61.3	12.4	0.0	A N	31	15	5	3	31	15	5	90	0.1	1.8	124.2	0.0	-0.2	A N	42
43	1/0ACSR	59.4	12.4	0.0	ABCN	20	10	1	16	799	218	37	96	0.4	2.0	124.0	2.3	1.3	ABCN	43
44	4ACSR	61.4	12.4	0.0	A N	0	0	0	12	110	52	16	90	0.3	2.5	123.5	0.3	0.0	A N	44
44000	4ACSR	71.3	12.4	0.0	A N	108	52	16	12	109	52	16	90	0.8	3.3	122.7	0.7	-0.1	A N	44000
45	1/0ACSR	61.2	12.4	0.0	ABCN	15	-153	7	13	667	156	31	97	0.2	2.2	123.8	1.1	0.5	ABCN	45
Capacitor (Wye-Gnd Connected) at Center of Section 45																				
ABCN : Nominal = 150 kvar Actual = 160 kvar																				
46	1/0ACSR	61.7	12.4	0.0	ABCN	13	6	1	6	257	121	13	90	0.0	2.3	123.7	0.1	-0.1	ABCN	46
46000	1/0ACSR	68.4	12.4	0.0	ABCN	71	34	4	5	245	115	12	90	0.3	2.6	123.4	0.5	-0.8	ABCN	46000
50	4ACSR	71.8	12.4	0.0	A N	12	6	2	1	12	5	2	91	0.0	2.9	123.1	0.0	-0.2	A N	50
38	6ACWC	72.1	12.4	0.0	A N	85	41	13	17	161	77	24	90	0.6	3.5	122.5	0.6	0.2	A N	38
38000	6ACWC	78.9	12.4	0.0	A N	39	19	6	8	75	35	11	90	0.5	4.0	122.0	0.3	-0.2	A N	38000
38001	6ACWC	84.3	12.4	0.0	A N	36	17	5	4	36	17	5	90	0.1	4.2	121.8	0.0	-0.2	A N	38001
45000	1/0ACSR	67.1	12.4	0.0	ABCN	48	23	2	9	394	186	20	90	0.5	2.7	123.3	1.3	-0.1	ABCN	45000
45001	4ACSR	68.1	12.4	0.0	A N	0	0	0	9	83	39	12	91	0.1	3.1	122.9	0.1	-0.0	A N	45001
53	4ACSR	77.5	12.4	0.0	A N	53	26	8	6	54	25	8	90	0.4	3.5	122.5	0.2	-0.4	A N	53
54	4ACSR	72.1	12.4	0.0	A N	27	13	4	3	30	14	4	91	0.1	3.2	122.8	0.0	-0.2	A N	54
54002	4ACSR	74.1	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.2	122.8	0.0	-0.1	A N	54002
54003	4ACSR	79.0	12.4	0.0	A N	3	1	0	0	3	1	0	94	0.0	3.2	122.8	0.0	-0.3	A N	54003
52	4ACSR	76.3	12.4	0.0	A N	115	55	18	28	260	124	39	90	2.8	5.8	120.2	4.9	2.1	A N	52
51	4ACSR	82.6	12.4	0.0	A N	61	29	9	7	61	29	9	90	0.3	6.1	119.9	0.1	-0.2	A N	51
52000	4ACSR	76.7	12.4	0.0	A N	28	13	4	9	79	38	12	90	0.0	5.8	120.2	0.0	-0.0	A N	52000
52001	4ACSR	80.2	12.4	0.0	A N	51	25	8	6	52	25	8	90	0.1	5.9	120.1	0.1	-0.1	A N	52001

Hunt Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
52002	4ACSR	77.1	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	5.8	120.2	0.0	-0.0	A N	52002
56	4ACSR	47.4	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.7	125.3	0.0	-1.4	A N	56
6000	397ACSR	24.1	24.9	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.6	125.4	0.0	-1.9	ABCN	6000
61	4ACSR	27.9	24.9	0.0	A N	6	3	0	10	188	86	14	91	0.4	1.0	125.0	0.6	-0.9	A N	61
61000	4ACSR	31.6	24.9	0.0	A N	52	25	4	10	181	84	13	91	0.2	1.3	124.7	0.3	-0.6	A N	61000
61001	4ACSR	35.3	24.9	0.0	A N	42	20	3	2	43	20	3	91	0.0	1.3	124.7	0.0	-0.7	A N	61001
61002	4ACSR	38.2	24.9	0.0	A N	86	41	6	5	86	40	6	91	0.1	1.4	124.6	0.1	-1.3	A N	61002
70	6ACWC	24.4	24.9	0.0	A N	16	8	1	1	16	6	1	93	0.0	0.5	125.5	0.0	-1.5	A N	70
71	4ACSR	10.8	24.9	0.0	A N	6	3	0	4	78	31	6	93	0.0	0.3	125.7	0.0	-0.3	A N	71
71099	4ACSR	18.8	24.9	0.0	A N	43	21	3	3	63	27	5	92	0.1	0.4	125.6	0.0	-1.6	A N	71099
71098	4ACSR	26.1	24.9	0.0	A N	20	10	1	1	20	8	1	93	0.0	0.5	125.5	0.0	-1.5	A N	71098
77	6ACWC	18.5	24.9	0.0	A N	4	2	0	0	9	1	1	99	0.0	0.3	125.7	0.0	-1.6	A N	77
77000	4ACSR	25.7	24.9	0.0	A N	5	2	0	0	5	1	0	99	0.0	0.3	125.7	0.0	-1.5	A N	77000

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********** Load-Flow Results For Jeffersonville Ckt 1 **********

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Jeffersonville Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					1969	837	47	92			126.0			ABCN	Feeder
	536	336ACSR	1.8	24.9	0.0	ABCN	43	19	1	9	1969	837	47	92	0.1	0.1	125.9	0.7	-0.1	ABCN	536
	5362	336ACSR	4.8	24.9	0.0	ABCN	31	14	1	8	1818	771	44	92	0.1	0.2	125.8	1.0	-0.5	ABCN	5362
	5363	336ACSR	8.1	24.9	0.0	ABCN	11	5	0	7	1638	693	39	92	0.1	0.3	125.7	0.9	-1.0	ABCN	5363
	5364	336ACSR	9.4	24.9	0.0	ABCN	7	3	0	7	1498	637	36	92	0.0	0.3	125.7	0.3	-0.5	ABCN	5364
	5365	336ACSR	10.7	24.9	0.0	ABCN	30	13	1	7	1491	634	36	92	0.0	0.4	125.6	0.3	-0.5	ABCN	5365
	5366	336ACSR	12.5	24.9	0.0	ABCN	0	0	0	6	1386	589	33	92	0.1	0.4	125.6	0.3	-0.8	ABCN	5366
	5368	1/0ACSR	12.9	24.9	0.0	ABCN	-0	-0	0	13	1200	508	29	92	0.0	0.4	125.6	0.2	-0.1	ABCN	5368
	5367	1/0ACSR	14.3	24.9	0.0	ABCN	16	7	0	12	1160	490	28	92	0.1	0.5	125.5	0.7	-0.6	ABCN	5367
	533	1/0ACSR	19.1	24.9	0.0	ABCN	7	3	0	11	1065	450	26	92	0.3	0.8	125.2	2.0	-2.2	ABCN	533
	5331	1/0ACSR	19.4	24.9	0.0	ABCN	4	2	0	8	806	338	19	92	0.0	0.8	125.2	0.1	-0.2	ABCN	5331
	530	1/0ACSR	22.3	24.9	0.0	ABCN	11	5	0	7	663	276	16	92	0.1	0.9	125.1	0.5	-1.9	ABCN	530
	5301	4ACSR	27.0	24.9	0.0	A N	39	17	3	2	39	17	3	92	0.0	1.0	125.0	0.0	-0.9	A N	5301
	5302	1/0ACSR	25.1	24.9	0.0	ABCN	51	23	1	6	613	257	15	92	0.1	1.0	125.0	0.4	-1.8	ABCN	5302
	526	1/0ACSR	30.4	24.9	0.0	ABCN	73	33	2	5	435	180	10	92	0.1	1.1	124.9	0.3	-3.8	ABCN	526
	5230	1/0ACSR	32.2	24.9	0.0	ABCN	56	20	1	1	56	18	1	95	0.0	1.1	124.9	0.0	-1.4	ABCN	5230
	524	4ACSR	34.5	24.9	0.0	A N	68	30	5	16	305	133	22	92	0.4	1.6	124.4	0.9	-0.4	A N	524
	5240	4ACSR	39.3	24.9	0.0	A N	84	38	6	12	236	103	17	92	0.3	1.9	124.1	0.5	-0.7	A N	5240
	544	4ACSR	43.4	24.9	0.0	A N	77	35	6	8	152	66	11	92	0.2	2.1	123.9	0.2	-0.7	A N	544
	5440	4ACSR	50.7	24.9	0.0	A N	64	29	5	3	64	27	5	92	0.1	2.2	123.8	0.0	-1.4	A N	5440
	5441	4ACSR	44.9	24.9	0.0	A N	10	5	1	1	10	4	1	92	0.0	2.1	123.9	0.0	-0.3	A N	5441
	5272	4ACSR	25.9	24.9	0.0	A N	68	30	5	7	126	55	9	92	0.0	1.0	125.0	0.0	-0.2	A N	5272
	527	4ACSR	28.9	24.9	0.0	A N	34	15	3	2	34	15	3	92	0.0	1.1	124.9	0.0	-0.6	A N	527
	5271	4ACSR	29.8	24.9	0.0	A N	24	11	2	1	24	10	2	92	0.0	1.1	124.9	0.0	-0.8	A N	5271
	531	6ACWC	23.7	24.9	0.0	A N	16	7	1	7	139	60	10	92	0.2	1.0	125.0	0.2	-0.7	A N	531
	5311	6ACWC	28.2	24.9	0.0	A N	69	31	5	4	69	30	5	92	0.1	1.1	124.9	0.0	-0.9	A N	5311
	9531	6ACWC	26.5	24.9	0.0	A N	54	24	4	3	54	23	4	92	0.0	1.0	125.0	0.0	-0.6	A N	9531
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 532																				
T	Transformer			19.1	12.4	0.0	A N				82	249	111	18	91	0.0	0.8	125.2	0.0	0.0	A N	Transformer
	532	6ACWC	23.9	12.4	0.0	A N	89	40	13	26	249	111	36	91	1.3	2.1	123.9	2.2	1.1	A N	532
	5321	6ACWC	29.2	12.4	0.0	A N	40	18	6	17	158	70	23	92	1.0	3.2	122.8	1.1	0.4	A N	5321
	546	4ACSR	30.8	12.4	0.0	A N	12	5	2	12	112	50	17	92	0.3	3.4	122.6	0.2	0.0	A N	546
	5461	4ACSR	38.0	12.4	0.0	A N	31	14	5	3	31	14	5	92	0.2	3.6	122.4	0.0	-0.3	A N	5461
	547	4ACSR	41.7	12.4	0.0	A N	69	31	10	7	69	31	10	91	0.6	4.0	122.0	0.3	-0.4	A N	547
	548	4ACSR	35.5	12.4	0.0	A N	4	2	1	0	4	2	1	94	0.0	3.2	122.8	0.0	-0.3	A N	548
	535	4ACSR	19.0	24.9	0.0	A N	78	35	6	4	78	34	6	92	0.1	0.6	125.4	0.0	-0.9	A N	535
	5369	1/0ACSR	15.9	24.9	0.0	A N	40	18	3	1	40	17	3	92	0.0	0.5	125.5	0.0	-0.7	A N	5369
	9534	4ACSR	16.6	24.9	0.0	A N	54	24	4	10	186	82	13	92	0.2	0.7	125.3	0.3	-0.7	A N	9534
	534	6ACWC	21.6	24.9	0.0	A N	131	59	10	7	131	58	10	91	0.1	0.8	125.2	0.1	-0.9	A N	534
	53651	4ACSR	13.4	24.9	0.0	A N	74	33	5	4	74	33	5	91	0.0	0.4	125.6	0.0	-0.5	A N	53651
	734	4ACSR	15.3	24.9	0.0	A N	43	19	3	7	128	52	9	93	0.3	0.6	125.4	0.2	-1.3	A N	734
	7341	4ACSR	19.4	24.9	0.0	A N	0	0	0	0	2	-0	0	-97	0.0	0.6	125.4	0.0	-0.8	A N	7341
	545	6ACWC	21.3	24.9	0.0	A N	2	1	0	0	2	0	0	97	0.0	0.6	125.4	0.0	-0.4	A N	545
	735	4ACSR	21.1	24.9	0.0	A N	63	28	5	4	83	35	6	92	0.1	0.7	125.3	0.1	-1.1	A N	735
	7351	4ACSR	27.7	24.9	0.0	A N	19	9	1	1	20	7	1	93	0.0	0.7	125.3	0.0	-1.3	A N	7351
	725	6ACWC	8.0	24.9	0.0	A N	25	11	2	8	147	64	11	92	0.1	0.3	125.7	0.1	-0.6	A N	725
	7251	6ACWC	11.8	24.9	0.0	A N	118	53	9	6	118	52	9	91	0.1	0.4	125.6	0.1	-0.7	A N	7251
	7252	6ACWC	10.0	24.9	0.0	A N	4	2	0	0	4	2	0	94	0.0	0.3	125.7	0.0	-0.4	A N	7252
	5361	4ACSR	7.1	24.9	0.0	A N	107	48	8	6	107	47	8	92	0.1	0.2	125.8	0.1	-1.0	A N	5361

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********** Load-Flow Results For Jeffersonville Ckt 2 **********

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Jeffersonville Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					1343	365	31	97			126.0			ABCN	Feeder
	726	336ACSR	1.6	24.9	0.0	ABCN	38	17	1	6	1343	365	31	97	0.0	0.0	126.0	0.3	-0.9	ABCN	726
	7261	336ACSR	8.5	24.9	0.0	ABCN	10	4	0	6	1305	348	30	97	0.1	0.2	125.8	1.0	-3.7	ABCN	7261
	727	336ACSR	10.9	24.9	0.0	ABCN	0	-165	4	5	1218	319	28	97	0.1	0.2	125.8	0.3	-1.4	ABCN	727
	Capacitor (Wye-Gnd Connected) at Center of Section 727																				
	ABCN : Nominal = 150 kvar Actual = 165 kvar																				
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 7302																				
T	Transformer		10.9	12.4	0.0	ABCN				131	1218	485	29	93	0.0	0.2	125.8	0.0	0.0	ABCN	Transformer
	7302	336ACSR	12.1	12.4	0.0	ABCN	42	19	2	11	1218	485	58	93	0.1	0.4	125.6	0.7	1.2	ABCN	7302
	7301	336ACSR	13.9	12.4	0.0	ABCN	45	18	2	11	1175	465	56	93	0.2	0.5	125.5	1.0	1.6	ABCN	7301
	730	336ACSR	15.4	12.4	0.0	ABCN	10	5	1	10	1129	445	54	93	0.1	0.6	125.4	0.7	1.2	ABCN	730
	728	1/0CU	16.7	12.4	0.0	ABCN	64	12	3	3	195	71	9	94	0.0	0.7	125.3	0.0	-0.2	ABCN	728
	7281	6ACWC	20.8	12.4	0.0	A N	130	59	19	14	130	59	19	91	0.4	1.1	124.9	0.4	0.0	A N	7281
	731	2ACSR	16.9	12.4	0.0	ABCN	25	11	1	15	565	212	27	94	0.2	0.9	125.1	1.0	0.2	ABCN	731
	7311	2ACSR	20.4	12.4	0.0	ABCN	39	18	2	14	539	200	26	94	0.5	1.4	124.6	2.1	0.4	ABCN	7311
	732	2ACSR	26.3	12.4	0.0	ABCN	334	109	16	12	458	164	22	94	0.5	1.9	124.1	3.2	1.1	ABCN	732
	7321	2ACSR	30.2	12.4	0.0	ABCN	21	10	1	2	91	40	4	91	0.1	2.0	124.0	0.1	-0.7	ABCN	7321
	724	4ACSR	37.2	12.4	0.0	A N	50	23	8	7	69	31	10	91	0.5	3.3	122.7	0.2	-0.2	A N	724
	7241	4ACSR	45.1	12.4	0.0	A N	19	9	3	2	19	8	3	92	0.1	3.4	122.6	0.0	-0.4	A N	7241
	7320	6ACWC	30.3	12.4	0.0	A N	30	14	4	3	30	13	4	91	0.1	2.8	123.2	0.0	-0.2	A N	7320
	743	6ACWC	29.2	12.4	0.0	A N	26	12	4	4	40	18	6	92	0.3	1.8	124.2	0.1	-0.4	A N	743
	7431	6ACWC	36.5	12.4	0.0	A N	14	7	2	2	14	6	2	92	0.1	1.9	124.1	0.0	-0.4	A N	7431
	744	1/0CU	18.8	12.4	0.0	ABCN	0	0	0	6	358	156	17	92	0.2	0.8	125.2	0.4	-0.2	ABCN	744
	7441	1/0CU	24.1	12.4	0.0	ABCN	22	10	1	5	324	141	16	92	0.2	1.0	125.0	0.4	-0.5	ABCN	7441
	737	1/0CU	30.3	12.4	0.0	ABCN	10	5	0	2	106	43	5	93	0.1	1.1	124.9	0.1	-1.1	ABCN	737
	7371	1/0CU	35.8	12.4	0.0	ABCN	3	1	0	1	96	40	5	92	0.1	1.2	124.8	0.0	-1.0	ABCN	7371
	7372	1/0CU	43.1	12.4	0.0	ABCN	16	7	1	1	93	39	4	92	0.1	1.2	124.8	0.0	-1.3	ABCN	7372
	7373	6ACWC	49.7	12.4	0.0	A N	28	13	4	3	28	12	4	91	0.1	1.5	124.5	0.0	-0.3	A N	7373
	7374	1/0CU	47.3	12.4	0.0	ABCN	20	9	1	1	49	21	2	92	0.0	1.3	124.7	0.0	-0.8	ABCN	7374
	7375	6ACWC	50.0	12.4	0.0	A N	16	7	2	2	16	7	2	91	0.0	1.4	124.6	0.0	-0.1	A N	7375
	7376	1/0CU	50.4	12.4	0.0	ABCN	14	6	1	0	14	6	1	92	0.0	1.3	124.7	0.0	-0.6	ABCN	7376
	740	6ACWC	31.1	12.4	0.0	A N	64	29	9	20	196	88	29	91	1.6	2.7	123.3	2.0	0.9	A N	740
	7401	6ACWC	36.2	12.4	0.0	A N	33	15	5	14	130	58	19	91	0.8	3.5	122.5	0.7	0.2	A N	7401
	741	6ACWC	41.4	12.4	0.0	A N	27	12	4	3	27	12	4	91	0.1	3.6	122.4	0.0	-0.2	A N	741
	742	6ACWC	40.2	12.4	0.0	A N	28	13	4	7	69	31	10	91	0.3	3.8	122.2	0.1	-0.1	A N	742
	7421	6ACWC	51.0	12.4	0.0	A N	41	19	6	4	41	18	6	91	0.3	4.1	121.9	0.1	-0.5	A N	7421
	7442	4ACSR	22.2	12.4	0.0	A N	34	15	5	4	34	15	5	91	0.1	0.9	125.1	0.0	-0.2	A N	7442
	736	4ACSR	15.5	24.9	0.0	A N	12	6	1	4	76	28	5	94	0.2	0.4	125.6	0.1	-1.4	A N	736
	7361	4ACSR	18.4	24.9	0.0	A N	17	8	1	3	63	24	5	93	0.1	0.4	125.6	0.0	-0.6	A N	7361
	7362	4ACSR	28.0	24.9	0.0	A N	3	2	0	2	37	14	3	94	0.1	0.5	125.5	0.0	-1.9	A N	7362
	7363	4ACSR	34.6	24.9	0.0	A N	34	16	2	2	34	14	2	92	0.0	0.6	125.4	0.0	-1.3	A N	7363
	73612	4ACSR	22.5	24.9	0.0	A N	8	4	1	0	8	3	1	94	0.0	0.4	125.6	0.0	-0.8	A N	73612

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********** Load-Flow Results For Mariba Ckt 1 **********
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Mariba Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					458	23	20	100			126.0			ABCN	Feeder
1105	1/0ACSR	3.3	12.5	0.0	ABCN	13	10	1	9	458	23	20	100	0.2	0.2	125.8	0.8	-0.0	ABCN	1105
1106	1/0ACSR	8.2	12.5	0.0	ABCN	271	-121	13	9	444	13	20	100	0.3	0.5	125.5	1.4	0.3	ABCN	1106
Capacitor (Wye-Gnd Connected) at Center of Section 1106																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
11063	1/0ACSR	11.9	12.5	0.0	ABCN	53	42	3	3	111	86	6	79	0.1	0.6	125.4	0.1	-0.6	ABCN	11063
11064	4ACSR	13.6	12.5	0.0	A N	50	39	9	6	50	39	9	79	0.1	1.1	124.9	0.0	-0.1	A N	11064
11065	1/0ACSR	12.9	12.5	0.0	ABCN	8	6	0	0	8	6	0	80	0.0	0.6	125.4	0.0	-0.2	ABCN	11065
11061	2ACSR	11.2	12.5	0.0	A N	45	35	8	6	61	47	10	79	0.1	1.0	125.0	0.1	-0.1	A N	11061
11062	2ACSR	15.5	12.5	0.0	A N	16	12	3	1	16	12	3	79	0.0	1.0	125.0	0.0	-0.2	A N	11062

********** Load-Flow Results For Mariba Ckt 2 **********

Mariba Ckt 2						Section Load				Load Into Section			-- 120V Base --				Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					972	461	47	90			126.0			ABCN	Feeder
1122	1/0ACSR	6.3	12.5	0.0	ABCN	43	-131	6	21	972	461	47	90	1.3	1.3	124.7	9.2	5.8	ABCN	1122
Capacitor (Wye-Gnd Connected) at Center of Section 1122																				
	ABCN : Nominal = 150 kvar					Actual = 164 kvar														
1124	1/0ACSR	9.5	12.5	0.0	ABCN	26	19	1	20	885	562	47	84	0.7	2.0	124.0	4.4	2.7	ABCN	1124
11241	336ACSR	14.7	12.5	0.0	ABCN	65	43	3	9	855	540	45	85	0.4	2.4	123.6	1.7	2.6	ABCN	11241
1127	4ACSR	16.8	12.5	0.0	A N	81	10	11	28	259	138	40	88	0.7	3.3	122.7	1.3	0.6	A N	1127
1125	4ACSR	20.0	12.5	0.0	A N	8	6	1	16	137	99	23	81	0.7	4.0	122.0	0.9	0.3	A N	1125
1101	4ACSR	27.4	12.5	0.0	A N	38	29	7	14	118	86	20	81	1.2	5.2	120.8	1.1	0.2	A N	1101
11011	6ACWC	35.2	12.5	0.0	A N	16	12	3	2	16	12	3	81	0.1	5.4	120.6	0.0	-0.4	A N	11011
11012	6ACWC	31.3	12.5	0.0	A N	40	29	7	8	62	45	11	81	0.3	5.5	120.5	0.1	-0.1	A N	11012
11013	6ACWC	38.2	12.5	0.0	A N	17	13	3	3	22	16	4	81	0.1	5.7	120.3	0.0	-0.3	A N	11013
1100	6ACWC	44.0	12.5	0.0	A N	5	4	1	1	5	3	1	82	0.0	5.7	120.3	0.0	-0.3	A N	1100
1128	4ACSR	27.4	12.5	0.0	A N	8	6	1	1	10	7	2	83	0.1	4.1	121.9	0.0	-0.4	A N	1128
11281	4ACSR	32.6	12.5	0.0	A N	2	2	0	0	2	1	0	85	0.0	4.1	121.9	0.0	-0.2	A N	11281
1126	4ACSR	22.0	12.5	0.0	A N	14	11	2	5	39	28	7	81	0.3	3.6	122.4	0.1	-0.2	A N	1126
11261	4ACSR	30.1	12.5	0.0	A N	25	18	4	3	25	18	4	81	0.2	3.8	122.2	0.0	-0.4	A N	11261
1130	6ACWC	22.0	12.5	0.0	A N	108	71	18	61	529	356	86	83	5.3	7.9	118.1	21.4	12.5	A N	1130
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1130																				
	A N : Tap = 10 RAISE																			
Regulator			22.0	12.5	0.0	A N				68	399	272	68	83	-7.4	0.5	125.5	-0.0	-0.0	A N	Regulator
11302	6ACWC	24.9	12.5	0.0	A N	49	18	7	39	341	229	55	83	1.4	1.9	124.1	3.7	2.1	A N	11302
1145	6ACWC	32.6	12.5	0.0	A N	35	26	6	32	269	195	45	81	3.0	5.0	121.0	6.6	3.6	A N	1145
11456	6ACWC	37.8	12.5	0.0	A N	55	41	10	26	210	153	36	81	1.5	6.5	119.5	2.5	1.2	A N	11456
11457	6ACWC	38.7	12.5	0.0	A N	0	0	0	11	87	63	15	81	0.1	6.6	119.4	0.1	0.0	A N	11457
11450	4ACSR	39.6	12.5	0.0	A N	1	1	0	0	1	0	0	82	0.0	6.6	119.4	0.0	-0.0	A N	11450
1141	4ACSR	42.7	12.5	0.0	A N	41	30	7	11	86	63	15	81	0.5	7.1	118.9	0.3	-0.0	A N	1141
11411	6ACWC	48.9	12.5	0.0	A N	19	14	3	2	19	14	3	81	0.1	7.1	118.9	0.0	-0.3	A N	11411
11412	4ACSR	46.1	12.5	0.0	A N	12	9	2	3	26	19	5	81	0.1	7.2	118.8	0.0	-0.1	A N	11412
11413	6ACWC	49.6	12.5	0.0	A N	1	1	0	0	1	1	0	84	0.0	7.2	118.8	0.0	-0.2	A N	11413
11414	6ACWC	50.0	12.5	0.0	A N	6	4	1	2	13	9	2	82	0.1	7.2	118.8	0.0	-0.2	A N	11414
11415	6ACWC	55.5	12.5	0.0	A N	7	5	1	1	7	5	1	82	0.0	7.3	118.7	0.0	-0.2	A N	11415
1142	6ACWC	42.4	12.5	0.0	A N	24	18	4	8	65	47	11	81	0.4	6.9	119.1	0.2	-0.1	A N	1142
1143	4ACSR	47.3	12.5	0.0	A N	7	5	1	1	7	5	1	82	0.0	6.9	119.1	0.0	-0.2	A N	1143
1144	6ACWC	45.2	12.5	0.0	A N	17	13	3	4	34	25	6	81	0.1	7.0	119.0	0.0	-0.1	A N	1144
11441	6ACWC	47.0	12.5	0.0	A N	0	0	0	2	17	13	3	81	0.1	7.0	119.0	0.0	-0.1	A N	11441
11442	6ACWC	52.9	12.5	0.0	A N	17	13	3	2	17	13	3	81	0.1	7.1	118.9	0.0	-0.3	A N	11442
11443	2ACSR	48.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	7.0	119.0	0.0	-0.2	A N	11443
11451	2ACSR	39.5	12.5	0.0	A N	18	13	3	2	18	13	3	81	0.1	5.0	121.0	0.0	-0.3	A N	11451
1146	4ACSR	31.9	12.5	0.0	A N	19	14	3	2	19	13	3	81	0.1	2.0	124.0	0.0	-0.3	A N	1146
11301	4ACSR	28.5	12.5	0.0	A N	58	43	10	7	58	43	10	81	0.3	0.8	125.2	0.2	-0.2	A N	11301
1123	4ACSR	13.3	12.5	0.0	A N	35	26	6	4	35	25	6	81	0.2	1.6	124.4	0.1	-0.3	A N	1123

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********** Load-Flow Results For Mariba Ckt 3 **********
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Mariba Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			12.5	0.0	ABCN					909	125	40	99			126.0			ABCN Feeder
1120	336ACSR	1.9	12.5	0.0	ABCN	18	14	1	8	909	125	40	99	0.1	0.1	125.9	0.5	0.7	ABCN 1120
11201	336ACSR	3.0	12.5	0.0	ABCN	4	3	0	7	890	110	40	99	0.1	0.1	125.9	0.3	0.4	ABCN 11201
1117	4ACSR	8.1	12.5	0.0	ABCN	37	30	2	27	865	89	38	99	1.6	1.7	124.3	10.6	2.6	ABCN 1117
11171	4ACSR	11.5	12.5	0.0	A N	8	6	1	1	8	6	1	78	0.0	1.9	124.1	0.0	-0.2	A N 11171
11172	4ACSR	8.5	12.5	0.0	ABCN	0	0	0	26	810	51	36	100	0.1	1.8	124.2	0.7	0.2	ABCN 11172
1116	6ACWC	13.4	12.5	0.0	ABCN	50	41	3	26	799	43	36	100	1.3	3.2	122.8	8.3	2.0	ABCN 1116
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1116																			
	ABCN : Tap = 3 RAISE																		
Regulator			13.4	12.5	0.0	ABCN				34	741	-1	34	-100	-2.6	0.6	125.4	0.0	0.0	ABCN Regulator
11162	6ACWC	14.6	12.5	0.0	ABCN	0	-163	7	23	716	-20	32	-100	0.3	0.9	125.1	1.7	0.4	ABCN 11162
Capacitor (Wye-Gnd Connected) at Center of Section 11162																			
	ABCN : Nominal = 150 kvar Actual = 163 kvar																		
1114	4ACSR	20.0	12.5	0.0	ABCN	38	31	2	22	694	127	31	98	1.4	2.3	123.7	7.4	1.5	ABCN 1114
11141	4ACSR	23.9	12.5	0.0	ABCN	86	14	4	21	649	94	29	99	0.9	3.2	122.8	4.4	0.8	ABCN 11141
11142	6ACWC	27.6	12.5	0.0	A N	10	8	2	1	10	8	2	78	0.0	3.3	122.7	0.0	-0.2	A N 11142
11143	6ACWC	29.2	12.5	0.0	ABCN	46	37	3	18	548	71	25	99	1.0	4.2	121.8	4.3	0.6	ABCN 11143
11144	6ACWC	31.7	12.5	0.0	ABCN	3	3	0	16	498	33	23	100	0.4	4.6	121.4	1.8	0.2	ABCN 11144
11145	6ACWC	35.3	12.5	0.0	ABCN	488	28	23	16	492	30	23	100	0.3	5.0	121.0	4.0	1.8	ABCN 11145
1115	6ACWC	19.2	12.5	0.0	A N	20	16	3	2	20	16	3	78	0.1	0.8	125.2	0.0	-0.2	A N 1115
11161	6ACWC	19.7	12.5	0.0	A N	25	20	4	3	25	20	4	78	0.1	0.5	125.5	0.0	-0.3	A N 11161
11173	4ACSR	12.6	12.5	0.0	A N	9	8	2	1	9	7	2	78	0.0	2.0	124.0	0.0	-0.2	A N 11173
1121	4ACSR	8.5	12.5	0.0	A N	8	7	1	3	21	16	4	79	0.1	0.3	125.7	0.0	-0.3	A N 1121
11211	4ACSR	14.1	12.5	0.0	A N	12	10	2	1	12	10	2	78	0.1	0.4	125.6	0.0	-0.3	A N 11211

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********** Load-Flow Results For Mariba Ckt 4 **********
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Mariba Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					175	124	9	82			126.0			ABCN	Feeder
1104	4ACSR	3.0	12.5	0.0	A N	9	7	2	20	175	124	28	82	0.8	0.8	125.2	1.2	0.5	A N	1104
11042	4ACSR	7.5	12.5	0.0	A N	20	14	3	17	146	104	24	81	1.0	1.8	124.2	1.2	0.4	A N	11042
11043	4ACSR	12.3	12.5	0.0	A N	31	23	5	15	126	90	21	81	0.9	2.7	123.3	0.9	0.2	A N	11043
1102	4ACSR	16.8	12.5	0.0	A N	53	38	9	9	73	52	12	81	0.3	3.0	123.0	0.2	-0.1	A N	1102
11021	4ACSR	22.2	12.5	0.0	A N	19	14	3	2	19	14	3	82	0.1	3.1	122.9	0.0	-0.3	A N	11021
1103	4ACSR	16.5	12.5	0.0	A N	21	15	3	2	21	15	3	81	0.1	2.8	123.2	0.0	-0.2	A N	1103
11041	4ACSR	6.7	12.5	0.0	A N	17	13	3	2	17	12	3	81	0.1	0.9	125.1	0.0	-0.2	A N	11041

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********** Load-Flow Results For Mt. Sterling Ckt 1 **********

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	Mt. Sterling Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1664	526	77	95			126.0			ABCN	Feeder
	46300	4/0ACSR	0.9	12.5	0.0	ABCN	47	19	2	23	1664	526	77	95	0.2	0.2	125.8	1.8	2.2	ABCN	46300
	463	4/0ACSR	7.7	12.5	0.0	ABCN	314	129	15	16	1152	314	53	96	0.7	0.9	125.1	5.6	6.1	ABCN	463
	4631	4/0ACSR	8.0	12.5	0.0	ABCN	0	-163	7	11	820	173	37	98	0.0	0.9	125.1	0.1	0.1	ABCN	4631
	Capacitor (Wye-Gnd Connected) at Center of Section 4631																				
	ABCN : Nominal = 150 kvar Actual = 163 kvar																				
	4635	4/0ACSR	8.8	12.5	0.0	ABCN	47	19	2	11	812	333	39	93	0.1	1.0	125.0	0.4	0.4	ABCN	4635
	4638	4/0ACSR	10.8	12.5	0.0	ABCN	80	33	4	9	602	246	29	93	0.1	1.2	124.8	0.5	0.3	ABCN	4638
	4640	1/0EPR	11.4	12.5	0.0	A N	51	21	7	4	51	21	7	93	0.1	1.7	124.3	0.0	-0.0	A N	4640
	4642	4/0ACSR	11.3	12.5	0.0	ABCN	39	16	2	7	470	191	23	93	0.0	1.2	124.8	0.1	0.0	ABCN	4642
	4641	1/0EPR	12.6	12.5	0.0	A N	157	64	23	11	157	65	23	92	0.4	2.1	123.9	0.4	0.3	A N	4641
	4643	4/0ACSR	11.7	12.5	0.0	ABCN	35	14	2	4	273	110	13	93	0.0	1.2	124.8	0.0	-0.1	ABCN	4643
	4644	1/0ACSR	12.3	12.5	0.0	ABCN	196	79	9	5	237	95	11	93	0.0	1.2	124.8	0.1	-0.0	ABCN	4644
	4645	1/0ACSR	14.1	12.5	0.0	ABCN	0	0	0	1	41	16	2	93	0.0	1.2	124.8	0.0	-0.3	ABCN	4645
	461	1/0ACSR	18.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	1.2	124.8	0.0	-0.8	ABCN	461
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 461																				
	ABCN : Tap = 1 RAISE																				
	Regulator			18.3	12.5	0.0	ABCN				0	0	0	0	0	-1.0	0.2	125.8	0.0	0.0	ABCN	Regulator
	462	4ACSR	19.2	12.5	0.0	A N	41	17	6	4	41	17	6	93	0.2	1.9	124.1	0.0	-0.2	A N	462
	4637	4ACSR	13.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.1	A N	4637
	4639	1/0EPR	10.0	12.5	0.0	A N	162	66	24	12	162	67	24	92	0.3	1.8	124.2	0.3	0.3	A N	4639
	4633	4ACSR	9.2	12.5	0.0	A N	7	3	1	1	7	3	1	93	0.0	1.4	124.6	0.0	-0.1	A N	4633
	4632	4ACSR	8.8	12.5	0.0	A N	13	5	2	1	13	5	2	93	0.0	1.4	124.6	0.0	-0.1	A N	4632
	46430	4ACSR	2.2	12.5	0.0	A N	75	31	11	8	75	31	11	93	0.1	0.3	125.7	0.0	-0.0	A N	46430
	464	4ACSR	2.2	12.5	0.0	A N	2	1	0	40	388	160	56	92	0.7	0.9	125.1	2.0	1.0	A N	464
	46431	4ACSR	10.3	12.5	0.0	A N	70	29	10	39	384	158	55	93	4.1	4.9	121.1	11.0	5.4	A N	46431
L	46432	4ACSR	18.4	12.5	0.0	A N	65	27	10	32	303	124	45	93	3.3	8.2	117.8	7.1	3.3	A N	46432
L	465	4ACSR	25.2	12.5	0.0	A N	22	9	3	2	22	9	3	93	0.1	8.3	117.7	0.0	-0.3	A N	465
L	466	4ACSR	22.5	12.5	0.0	A N	23	9	4	23	209	85	32	93	1.2	9.4	116.6	2.0	0.9	A N	466
L	4661	4ACSR	28.4	12.5	0.0	A N	8	3	1	1	8	3	1	94	0.0	9.4	116.6	0.0	-0.3	A N	4661
L	4662	4ACSR	28.1	12.5	0.0	A N	142	58	22	19	176	72	27	93	0.9	10.3	115.7	1.1	0.4	A N	4662
L	4663	4ACSR	32.5	12.5	0.0	A N	11	4	2	1	11	4	2	93	0.0	10.3	115.7	0.0	-0.2	A N	4663
L	4664	4ACSR	32.8	12.5	0.0	A N	22	9	3	2	22	9	3	93	0.1	10.4	115.6	0.0	-0.2	A N	4664

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********** Load-Flow Results For Mt. Sterling Ckt 2 **********
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Mt. Sterling Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2826	804	65	96			126.0			ABCN	Feeder
477	336ACSR	1.3	24.9	0.0	ABCN	10	4	0	12	2826	804	65	96	0.1	0.1	125.9	0.9	0.8	ABCN	477
4770	4/0ACSR	5.3	24.9	0.0	ABCN	72	31	2	19	2758	775	63	96	0.3	0.4	125.6	5.3	3.6	ABCN	4770
503	4/0ACSR	11.4	24.9	0.0	ABCN	104	45	3	17	2578	700	59	97	0.4	0.8	125.2	6.9	4.1	ABCN	503
5031	4/0ACSR	16.8	24.9	0.0	ABCN	84	-290	7	17	2468	651	57	97	0.4	1.2	124.8	5.9	3.3	ABCN	5031
Capacitor (Wye-Gnd Connected) at Center of Section 5031																				
ABCN : Nominal = 300 kvar Actual = 326 kvar																				
512	1/0ACSR	17.8	24.9	0.0	ABCN	61	26	1	20	1965	772	47	93	0.1	1.3	124.7	1.4	0.3	ABCN	512
5122	1/0ACSR	19.7	24.9	0.0	ABCN	9	4	0	9	825	343	20	92	0.1	1.4	124.6	0.5	-1.0	ABCN	5122
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 5121																				
A N : Tap = 1 RAISE																				
Regulator		19.7	24.9	0.0	A N				59	815	340	59	92	-0.8	0.7	125.1	0.0	0.0	A N	Regulator
5121	4ACSR	22.3	24.9	0.0	A N	82	35	6	42	815	340	59	92	0.7	1.4	124.6	4.4	1.8	A N	5121
511	4ACSR	27.7	24.9	0.0	A N	152	65	11	37	708	295	51	92	1.2	2.6	123.4	6.1	2.1	A N	511
5100	6ACWC	30.4	24.9	0.0	A N	150	65	11	10	199	82	15	92	0.1	2.8	123.2	0.1	-0.4	A N	5100
510	6ACWC	31.9	24.9	0.0	A N	0	0	0	3	48	18	4	93	0.0	2.8	123.2	0.0	-0.3	A N	510
507	6ACWC	37.2	24.9	0.0	A N	16	7	1	1	16	6	1	94	0.0	2.8	123.2	0.0	-1.0	A N	507
517	6ACWC	37.4	24.9	0.0	A N	32	14	2	2	32	13	2	93	0.0	2.8	123.2	0.0	-1.1	A N	517
520	6ACWC	33.0	24.9	0.0	A N	139	60	10	18	351	145	26	92	0.5	3.2	122.8	1.2	-0.3	A N	520
5200	6ACWC	37.2	24.9	0.0	A N	55	24	4	3	55	23	4	92	0.0	3.2	122.8	0.0	-0.8	A N	5200
5201	6ACWC	39.5	24.9	0.0	A N	156	64	11	8	156	63	11	93	0.2	3.3	122.7	0.2	-1.1	A N	5201
5123	4ACSR	28.3	24.9	0.0	A N	21	9	2	1	21	8	1	94	0.0	1.4	124.6	0.0	-1.2	A N	5123
5216	336ACSR	18.5	24.9	0.0	A N	0	0	0	15	1077	401	77	94	0.1	1.4	124.6	0.3	0.6	A N	5216
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5216																				
A N : Tap = 1 RAISE																				
C Regulator		18.5	24.9	0.0	A N				77	1077	401	77	94	-0.8	0.7	125.1	0.0	0.0	A N	Regulator
5120	4ACSR	23.2	24.9	0.0	A N	102	44	7	5	102	43	7	92	0.1	0.7	125.3	0.1	-0.9	A N	5120
521	336ACSR	23.4	24.9	0.0	A N	209	73	15	13	975	358	69	94	0.4	1.0	125.0	1.7	2.6	A N	521
5211	6ACWC	24.6	24.9	0.0	A N	7	3	1	34	662	239	47	94	0.2	1.3	124.7	1.2	0.5	A N	5211
5213	6ACWC	26.6	24.9	0.0	A N	45	20	3	31	609	217	43	94	0.4	1.7	124.3	1.7	0.6	A N	5213
5215	6ACWC	30.4	24.9	0.0	A N	207	89	15	25	497	170	35	95	0.5	2.2	123.8	1.5	0.2	A N	5215
543	4ACSR	33.8	24.9	0.0	A N	115	9	8	6	115	8	8	100	0.1	2.2	123.8	0.1	-0.6	A N	543
5433	4ACSR	31.1	24.9	0.0	A N	0	0	0	9	174	73	13	92	0.0	2.2	123.8	0.1	-0.1	A N	5433
5430	4ACSR	34.9	24.9	0.0	A N	64	27	5	3	64	27	5	92	0.0	2.3	123.7	0.0	-0.7	A N	5430
5431	4ACSR	37.6	24.9	0.0	A N	110	47	8	6	110	46	8	92	0.1	2.3	123.7	0.1	-1.2	A N	5431
5432	4ACSR	37.7	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.3	123.7	0.0	-0.0	A N	5432
5214	4ACSR	28.9	24.9	0.0	A N	65	28	5	3	65	27	5	92	0.0	1.7	124.3	0.0	-0.5	A N	5214
5212	6ACWC	26.5	24.9	0.0	A N	44	19	3	2	44	18	3	92	0.0	1.3	124.7	0.0	-0.4	A N	5212
5210	6ACWC	26.1	24.9	0.0	A N	102	44	7	5	102	43	7	92	0.0	1.1	124.9	0.0	-0.5	A N	5210
513	1/0ACSR	21.6	24.9	0.0	ABCN	95	41	2	4	413	166	10	93	0.1	1.3	124.7	0.3	-3.4	ABCN	513
523	1/0ACSR	27.6	24.9	0.0	ABCN	161	69	4	2	161	65	4	93	0.0	1.3	124.7	0.1	-4.4	ABCN	523
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 523																				
ABCN : Tap = 1 RAISE																				
Regulator		27.6	24.9	0.0	ABCN				0	0	0	0	0	-0.8	0.5	125.3	0.0	0.0	ABCN	Regulator
514	4ACSR	27.0	24.9	0.0	A N	91	39	7	8	157	64	11	93	0.2	1.6	124.4	0.2	-1.0	A N	514
515	4ACSR	32.3	24.9	0.0	A N	34	15	2	2	34	14	2	93	0.0	1.6	124.4	0.0	-1.1	A N	515
516	4ACSR	33.7	24.9	0.0	A N	32	14	2	2	32	12	2	93	0.0	1.6	124.4	0.0	-1.3	A N	516
500	4ACSR	10.0	24.9	0.0	A N	0	0	0	5	102	40	7	93	0.2	0.6	125.4	0.1	-0.9	A N	500
5002	4ACSR	15.5	24.9	0.0	A N	21	9	2	1	21	8	2	94	0.0	0.6	125.4	0.0	-1.1	A N	5002
5001	4ACSR	16.2	24.9	0.0	A N	80	34	6	4	80	33	6	92	0.1	0.6	125.4	0.1	-1.2	A N	5001
478	4ACSR	5.6	24.9	0.0	A N	58	25	4	3	58	24	4	92	0.0	0.1	125.9	0.0	-0.9	A N	478

********** Load-Flow Results For Mt. Sterling Ckt 3 **********

Mt. Sterling Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1976	786	94	93			126.0			ABCN	Feeder
	476	336ACSR	1.3	12.5	0.0	ABCN	56	22	3	18	1976	786	94	93	0.2	0.2	125.8	2.0	3.8	ABCN	476
	47600	1/0ACSR	6.1	12.5	0.0	ABCN	97	38	5	40	1918	760	91	93	1.8	2.0	124.0	24.3	17.5	ABCN	47600
	47601	1/0ACSR	9.6	12.5	0.0	ABCN	22	8	1	38	1796	705	86	93	1.3	3.3	122.7	16.2	11.6	ABCN	47601
	501	1/0ACSR	14.2	12.5	0.0	ABCN	11	4	1	37	1730	674	84	93	1.7	4.9	121.1	20.7	14.8	ABCN	501
	504	1/0ACSR	19.6	12.5	0.0	ABCN	11	4	1	28	1292	494	63	93	1.4	6.4	119.6	13.7	9.4	ABCN	504
	50400	1/0ACSR	24.5	12.5	0.0	ABCN	96	38	5	27	1268	480	63	94	1.3	7.6	118.4	11.6	7.9	ABCN	50400
L	506	1/0ACSR	26.4	12.5	0.0	ABCN	23	9	1	20	939	348	47	94	0.4	8.0	118.0	2.6	1.6	ABCN	506
L	50600	1/0ACSR	27.7	12.5	0.0	ABCN	16	6	1	20	913	337	46	94	0.3	8.3	117.7	1.7	1.1	ABCN	50600
L	540	1/0ACSR	31.0	12.5	0.0	ABCN	20	8	1	20	895	330	45	94	0.6	8.9	117.1	4.2	2.6	ABCN	540
L	54000	4ACSR	34.3	12.5	0.0	A N	90	35	14	10	90	35	14	93	0.2	9.5	116.5	0.2	-0.1	A N	54000
L	54001	1/0ACSR	36.5	12.5	0.0	ABCN	171	67	9	17	780	283	39	94	0.8	9.7	116.3	4.8	2.8	ABCN	54001
L	537	1/0ACSR	41.0	12.5	0.0	ABCN	201	53	10	13	603	212	31	94	0.5	10.2	115.8	2.3	1.2	ABCN	537
L	307	4ACSR	45.8	12.5	0.0	A N	42	16	7	17	157	61	24	93	1.0	12.2	113.8	1.2	0.4	A N	307
L	30700	4ACSR	50.3	12.5	0.0	A N	51	20	8	13	114	44	18	93	0.6	12.8	113.2	0.5	0.1	A N	30700
L	277	6ACWC	56.0	12.5	0.0	A N	62	24	10	7	62	24	10	93	0.3	13.1	112.9	0.1	-0.2	A N	277
L	31400	4ACSR	44.2	12.5	0.0	A N	30	12	5	27	240	94	37	93	1.1	12.3	113.7	2.1	1.0	A N	31400
L	314	4ACSR	46.7	12.5	0.0	A N	69	27	11	14	124	48	19	93	0.3	12.6	113.4	0.3	0.1	A N	314
L	3141	4ACSR	47.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	12.6	113.4	0.0	-0.0	A N	3141
L	330	4ACSR	55.0	12.5	0.0	A N	54	21	9	6	55	21	9	93	0.4	13.0	113.0	0.2	-0.3	A N	330
L	31401	4ACSR	48.9	12.5	0.0	A N	84	33	13	9	84	33	13	93	0.3	12.6	113.4	0.2	-0.1	A N	31401
L	505	4ACSR	27.4	12.5	0.0	A N	63	25	10	24	220	86	33	93	0.8	8.8	117.2	1.3	0.6	A N	505
L	246	4ACSR	33.1	12.5	0.0	A N	132	52	20	17	156	61	24	93	0.8	9.6	116.4	0.9	0.2	A N	246
L	24600	4ACSR	38.5	12.5	0.0	A N	23	9	4	3	23	9	4	93	0.1	9.7	116.3	0.0	-0.2	A N	24600
L	2451	4ACSR	19.8	12.5	0.0	A N	42	16	6	43	405	160	60	93	3.2	8.3	117.7	9.8	4.9	A N	2451
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2451																				
	A N : Tap = 11 RAISE																				
	Regulator		19.8	12.5	0.0	A N				54	353	138	54	93	-8.1	0.2	125.8	0.0	-0.0	A N	Regulator
	24500	4ACSR	27.4	12.5	0.0	A N	73	29	11	36	353	138	50	93	3.4	3.6	122.4	8.3	4.0	A N	24500
	244	4ACSR	34.1	12.5	0.0	A N	80	31	12	28	272	106	40	93	2.2	5.9	120.1	4.2	1.9	A N	244
	255	4ACSR	41.3	12.5	0.0	A N	66	26	10	13	118	46	18	93	0.9	6.8	119.2	0.7	0.0	A N	255
	256	4ACSR	46.1	12.5	0.0	A N	27	11	4	6	52	20	8	93	0.3	7.0	119.0	0.1	-0.2	A N	256
	25600	4ACSR	51.6	12.5	0.0	A N	24	10	4	3	24	9	4	93	0.1	7.1	118.9	0.0	-0.2	A N	25600
	243	4ACSR	40.7	12.5	0.0	A N	69	27	10	7	69	27	10	93	0.3	6.2	119.8	0.2	-0.2	A N	243
	502	4ACSR	17.1	12.5	0.0	A N	28	11	4	3	28	11	4	94	0.2	3.6	122.4	0.0	-0.3	A N	502

********** Load-Flow Results For Reid Village Ckt 1 **********

Reid Village Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					25	-10	1	-92			126.0			ABCN	Feeder
46043	336ACSR	0.2	12.5	0.0	ABCN	-0	0	0	0	25	-10	1	-92	0.0	0.0	126.0	0.0	-0.0	ABCN	46043
46042	4ACSR	0.3	12.5	0.0	ABCN	-0	0	0	1	25	-10	1	-93	0.0	0.0	126.0	0.0	-0.0	ABCN	46042
227	4ACSR	3.0	12.5	0.0	ABCN	-0	0	0	1	18	-10	1	-89	0.0	0.0	126.0	0.0	-0.5	ABCN	227
2272	4ACSR	6.8	12.5	0.0	ABCN	-0	-0	0	1	18	-9	1	-90	0.0	0.0	126.0	0.0	-0.7	ABCN	2272
2273	4ACSR	9.1	12.5	0.0	ABCN	0	0	0	1	18	-8	1	-91	0.0	0.0	126.0	0.0	-0.4	ABCN	2273
226	4ACSR	11.6	12.5	0.0	ABCN	-0	-0	0	1	18	-6	1	-96	0.0	0.1	125.9	0.0	-0.4	ABCN	226
2261	4ACSR	13.1	12.5	0.0	ABCN	-0	-0	0	1	18	-5	1	-97	0.0	0.1	125.9	0.0	-0.3	ABCN	2261
225	4ACSR	13.9	12.5	0.0	AB N	-0	0	0	1	18	-4	1	-98	0.0	0.1	125.9	0.0	-0.1	AB N	225
2252	4ACSR	17.8	12.5	0.0	AB N	-0	0	0	1	18	-4	1	-98	0.0	0.1	125.9	0.0	-0.4	AB N	2252
2253	4ACSR	21.5	12.5	0.0	AB N	0	0	0	1	18	-3	1	-99	0.0	0.2	125.8	0.0	-0.4	AB N	2253
222	4ACSR	24.5	12.5	0.0	AB N	18	0	1	1	18	-2	1	-99	0.0	0.2	125.8	0.0	-0.3	AB N	222
2221	4ACSR	31.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.2	125.8	0.0	-0.4	A N	2221
2222	4ACSR	27.5	12.5	0.0	AB N	-0	0	0	0	-0	-1	0	0	-0.0	0.2	125.8	0.0	-0.3	AB N	2222
230	4ACSR	32.7	12.5	0.0	AB N	-0	0	0	0	-0	-1	0	0	-0.0	0.2	125.8	0.0	-0.6	AB N	230
2301	4ACSR	37.2	12.5	0.0	AB N	0	0	0	0	0	-0	0	0	-0.0	0.2	125.8	0.0	-0.5	AB N	2301
223	4ACSR	26.5	12.5	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.2	125.8	0.0	-0.3	A N	223
2231	2ACSR	33.3	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.2	125.8	0.0	-0.4	A N	2231
2251	4ACSR	22.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.1	125.9	0.0	-0.4	A N	2251
224	4ACSR	18.2	12.5	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.1	125.9	0.0	-0.3	A N	224
2241	4ACSR	25.2	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.1	125.9	0.0	-0.4	A N	2241
2262	4ACSR	16.2	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.1	125.9	0.0	-0.2	A N	2262
212	4ACSR	14.1	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.0	126.0	0.0	-0.9	ABCN	212
2121	4ACSR	20.7	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.0	126.0	0.0	-1.2	ABCN	2121
2271	4ACSR	8.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.3	A N	2271
455	4ACSR	4.8	12.5	0.0	A N	7	0	1	1	7	-1	1	-99	0.0	0.0	126.0	0.0	-0.2	A N	455
4551	4ACSR	8.7	12.5	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.0	126.0	0.0	-0.2	A N	4551
4553	4ACSR	11.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.1	A N	4553
4552	4ACSR	15.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.3	A N	4552

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********** Load-Flow Results For Reid Village Ckt 2 **********
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Reid Village Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					66	-336	15	-19			126.0			ABCN	Feeder
H	46044	336ACSR	0.2	12.5	0.0	ABCN	-0	0	0	3	66	-336	15	-19	-0.0	-0.0	126.0	0.0	-0.0	ABCN	46044
H	46045	336ACSR	0.4	12.5	0.0	ABCN	0	-0	0	3	65	-336	15	-19	-0.0	-0.0	126.0	0.0	-0.0	ABCN	46045
H	4604	4ACSR	2.1	12.5	0.0	ABCN	0	0	0	11	65	-336	15	-19	-0.0	-0.0	126.0	0.6	-0.1	ABCN	4604
H	4601	4ACSR	2.8	12.5	0.0	ABCN	0	-0	0	11	65	-336	15	-19	-0.0	-0.1	126.1	0.2	-0.1	ABCN	4601
H	460	4ACSR	3.5	12.5	0.0	ABCN	44	-0	2	11	65	-335	15	-19	-0.0	-0.1	126.1	0.2	-0.0	ABCN	460
H	4615	1/0ACSR	3.6	12.5	0.0	ABCN	0	0	0	6	0	-333	15	0	-0.0	-0.1	126.1	0.0	-0.0	ABCN	4615
H	46146	1/0ACSR	5.6	12.5	0.0	ABCN	-0	-331	15	6	0	-333	15	0	-0.0	-0.1	126.1	0.1	-0.3	ABCN	46146
	Capacitor (Wye-Gnd Connected) at Center of Section 46146																				
	ABCN : Nominal = 300 kvar Actual = 331 kvar																				
H	4614	1/0ACSR	7.5	12.5	0.0	ABCN	0	-0	0	0	0	-1	0	0	-0.0	-0.1	126.1	0.0	-0.4	ABCN	4614
H	46142	336ACSR	8.2	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.2	ABCN	46142
H	4612	1/0EPR	10.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.2	A N	4612
H	4613	1/0EPR	12.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.1	A N	4613
H	46141	336ACSR	8.5	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.1	ABCN	46141
H	46143	1/0ACSR	7.3	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.3	ABCN	46143
H	46144	1/0EPR	7.4	12.5	0.0	ABCN	0	-0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.0	ABCN	46144
H	46145	1/0ACSR	8.1	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.1	ABCN	46145
H	4616	1/0EPR	5.3	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.1	A N	4616
H	457	4ACSR	6.1	12.5	0.0	ABCN	0	-0	0	1	20	-2	1	-100	0.0	-0.1	126.1	0.0	-0.5	ABCN	457
H	4571	4ACSR	7.4	12.5	0.0	ABCN	0	0	0	1	20	-1	1	-100	0.0	-0.0	126.0	0.0	-0.2	ABCN	4571
H	4579	4ACSR	7.6	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.0	ABCN	4579
H	45792	1/0EPR	10.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.2	A N	45792
H	45793	4ACSR	7.9	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.0	ABCN	45793
H	4575	4ACSR	8.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.0	A N	4575
H	4574	4ACSR	9.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.1	A N	4574
H	4576	4ACSR	8.7	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.0	A N	4576
H	4577	1/0EPR	10.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.1	A N	4577
H	4578	1/0EPR	10.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.1	A N	4578
H	45791	1/0EPR	10.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.2	A N	45791
H	4573	4ACSR	9.5	12.5	0.0	A N	20	0	3	2	20	-0	3	-100	0.0	-0.0	126.0	0.0	-0.1	A N	4573
H	4572	4ACSR	9.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.2	A N	4572
H	4602	4ACSR	4.4	12.5	0.0	ABCN	0	-0	0	0	0	-1	0	0	-0.0	-0.1	126.1	0.0	-0.3	ABCN	4602
H	4608	4ACSR	6.6	12.5	0.0	ABCN	0	-0	0	0	0	-1	0	0	-0.0	-0.1	126.1	0.0	-0.4	ABCN	4608
H	4605	4ACSR	8.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.1	A N	4605
H	4606	4ACSR	7.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.1	A N	4606
H	4607	4ACSR	10.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.1	126.1	0.0	-0.2	A N	4607
H	4603	4ACSR	4.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	-0.0	126.0	0.0	-0.1	A N	4603

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********** Load-Flow Results For Sand Lick Ckt 1 **********
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Sand Lick Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					0	-3	0	0			126.0			ABCN	Feeder
H	1016	4ACSR	7.1	12.5	0.0	ABCN	0	0	0	0	0	-3	0	0	-0.0	-0.0	126.0	0.0	-1.3	ABCN	1016
H	10161	2ACSR	12.3	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	-0.0	126.0	0.0	-1.0	ABCN	10161
H	778	2ACSR	16.5	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.8	ABCN	778

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********** *Load-Flow Results For Sand Lick Ckt 2* **********
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Sand Lick Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3	16	1	19			126.0			ABCN	Feeder
1015	2ACSR	3.6	12.5	0.0	ABCN	0	0	0	0	3	16	1	19	0.0	0.0	126.0	0.0	-0.7	ABCN	1015
10151	2ACSR	9.2	12.5	0.0	ABCN	0	-0	0	0	3	16	1	18	0.0	0.0	126.0	0.0	-1.0	ABCN	10151
780	2ACSR	13.8	12.5	0.0	ABCN	0	0	0	0	2	14	1	17	0.0	0.0	126.0	0.0	-0.8	ABCN	780
1014	4ACSR	17.5	12.5	0.0	A N	0	1	0	0	0	1	0	18	0.0	0.0	126.0	0.0	-0.2	A N	1014
781	4ACSR	18.1	12.5	0.0	A N	1	8	1	1	2	14	2	16	0.0	0.1	125.9	0.0	-0.2	A N	781
782	4ACSR	23.1	12.5	0.0	A N	0	0	0	1	1	6	1	17	0.0	0.1	125.9	0.0	-0.3	A N	782
7821	4ACSR	28.2	12.5	0.0	A N	0	2	0	1	1	7	1	16	0.0	0.1	125.9	0.0	-0.3	A N	7821
7822	4ACSR	35.6	12.5	0.0	A N	1	5	1	0	1	4	1	16	0.0	0.1	125.9	0.0	-0.4	A N	7822
7823	4ACSR	34.4	12.5	0.0	A N	0	1	0	0	0	0	0	35	0.0	0.1	125.9	0.0	-0.3	A N	7823
783	2ACSR	12.5	12.5	0.0	ABCN	0	1	0	0	1	3	0	18	0.0	0.0	126.0	0.0	-0.6	ABCN	783
1012	4ACSR	13.0	12.5	0.0	A N	0	1	0	0	0	3	0	15	0.0	0.0	126.0	0.0	-0.0	A N	1012
10121	4ACSR	16.3	12.5	0.0	A N	0	2	0	0	0	1	0	16	0.0	0.0	126.0	0.0	-0.2	A N	10121

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********** Load-Flow Results For Sideview Ckt 1 **********
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Sideview Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					978	388	23	93			126.0			ABCN	Feeder
162	1/0ACSR	7.7	24.9	0.0	ABCN	42	20	1	10	978	388	23	93	0.4	0.4	125.6	2.5	-4.0	ABCN	162
157	1/0ACSR	11.2	24.9	0.0	ABCN	23	11	1	9	826	329	20	93	0.1	0.5	125.5	0.8	-2.1	ABCN	157
160	1/0ACSR	15.5	24.9	0.0	ABCN	10	5	0	8	742	294	18	93	0.2	0.7	125.3	0.8	-2.6	ABCN	160
133	1/0ACSR	20.4	24.9	0.0	ABCN	24	11	1	7	648	257	15	93	0.2	0.8	125.2	0.7	-3.2	ABCN	133
1331	1/0ACSR	25.3	24.9	0.0	ABCN	54	25	1	6	623	249	15	93	0.1	1.0	125.0	0.6	-3.2	ABCN	1331
145	4ACSR	30.4	24.9	0.0	A N	24	11	2	17	334	130	24	93	0.6	1.6	124.4	1.5	-0.3	A N	145
1451	4ACSR	33.3	24.9	0.0	A N	6	3	0	16	308	119	22	93	0.3	2.0	124.0	0.8	-0.2	A N	1451
144	4ACSR	39.6	24.9	0.0	A N	11	5	1	16	302	117	22	93	0.7	2.6	123.4	1.5	-0.4	A N	144
142	4ACSR	46.3	24.9	0.0	A N	10	5	1	13	256	98	19	93	0.6	3.2	122.8	1.2	-0.7	A N	142
1412	4ACSR	50.7	24.9	0.0	A N	15	7	1	1	15	6	1	92	0.0	3.3	122.7	0.0	-0.8	A N	1412
141	4ACSR	51.8	24.9	0.0	A N	40	19	3	12	229	87	17	93	0.4	3.7	122.3	0.7	-0.7	A N	141
1411	4ACSR	56.8	24.9	0.0	A N	20	9	1	10	189	69	14	94	0.3	4.0	122.0	0.4	-0.7	A N	1411
137	4ACSR	58.9	24.9	0.0	A N	27	13	2	7	144	51	10	94	0.1	4.1	121.9	0.1	-0.4	A N	137
1378	4ACSR	67.7	24.9	0.0	A N	30	14	2	2	30	13	2	92	0.0	4.1	121.9	0.0	-1.7	A N	1378
1379	4ACSR	66.3	24.9	0.0	A N	8	4	1	4	87	26	6	96	0.2	4.3	121.7	0.1	-1.3	A N	1379
1371	4ACSR	71.2	24.9	0.0	A N	22	3	2	1	22	2	2	100	0.0	4.3	121.7	0.0	-0.9	A N	1371
1372	4ACSR	71.2	24.9	0.0	A N	14	7	1	3	56	22	4	93	0.1	4.4	121.6	0.0	-0.9	A N	1372
1373	4ACSR	75.7	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	4.4	121.6	0.0	-0.9	A N	1373
1374	4ACSR	76.1	24.9	0.0	A N	8	4	1	2	42	17	3	93	0.1	4.5	121.5	0.0	-0.9	A N	1374
1375	4ACSR	79.2	24.9	0.0	A N	12	6	1	2	34	14	2	93	0.0	4.5	121.5	0.0	-0.6	A N	1375
1376	4ACSR	83.9	24.9	0.0	A N	12	6	1	1	12	5	1	93	0.0	4.5	121.5	0.0	-0.9	A N	1376
1377	4ACSR	83.3	24.9	0.0	A N	10	5	1	1	10	4	1	93	0.0	4.5	121.5	0.0	-0.8	A N	1377
140	4ACSR	65.0	24.9	0.0	A N	24	11	2	1	24	10	2	93	0.0	4.0	122.0	0.0	-1.6	A N	140
143	6ACWC	47.8	24.9	0.0	A N	34	16	3	2	34	14	3	92	0.0	2.7	123.3	0.0	-1.6	A N	143
146	4ACSR	28.7	24.9	0.0	A N	11	5	1	12	235	97	17	92	0.3	1.3	124.7	0.5	-0.4	A N	146
147	4ACSR	32.4	24.9	0.0	A N	5	2	0	9	182	79	13	92	0.2	1.6	124.4	0.3	-0.6	A N	147
1471	4ACSR	38.1	24.9	0.0	A N	24	11	2	1	24	10	2	92	0.0	1.6	124.4	0.0	-1.1	A N	1471
1472	4ACSR	35.5	24.9	0.0	A N	16	7	1	8	153	67	11	92	0.2	1.7	124.3	0.2	-0.5	A N	1472
1501	4ACSR	37.0	24.9	0.0	A N	0	0	0	2	33	14	2	92	0.0	1.8	124.2	0.0	-0.3	A N	1501
150	4ACSR	42.1	24.9	0.0	A N	33	15	2	2	33	14	2	92	0.0	1.8	124.2	0.0	-1.0	A N	150
151	4ACSR	42.8	24.9	0.0	A N	82	39	6	5	104	46	8	91	0.2	1.9	124.1	0.1	-1.4	A N	151
1511	4ACSR	48.6	24.9	0.0	A N	22	11	2	1	22	9	2	92	0.0	1.9	124.1	0.0	-1.1	A N	1511
148	4ACSR	35.2	24.9	0.0	A N	1	1	0	2	41	13	3	95	0.1	1.4	124.6	0.0	-1.3	A N	148
1481	4ACSR	40.8	24.9	0.0	A N	12	6	1	2	39	13	3	95	0.1	1.5	124.5	0.0	-1.1	A N	1481
4222	4ACSR	41.1	24.9	0.0	A N	0	0	0	1	27	9	2	95	0.0	1.5	124.5	0.0	-0.1	A N	4222
422	4ACSR	45.2	24.9	0.0	A N	7	3	1	1	17	6	1	94	0.0	1.5	124.5	0.0	-0.8	A N	422
4221	4ACSR	49.2	24.9	0.0	A N	9	4	1	0	9	4	1	93	0.0	1.5	124.5	0.0	-0.8	A N	4221
417	4ACSR	47.1	24.9	0.0	A N	2	1	0	1	10	2	1	97	0.0	1.5	124.5	0.0	-1.2	A N	417
4171	4ACSR	52.9	24.9	0.0	A N	9	4	1	0	9	3	1	95	0.0	1.5	124.5	0.0	-1.1	A N	4171
152	4ACSR	18.4	24.9	0.0	A N	10	5	1	4	83	35	6	92	0.1	0.8	125.2	0.0	-0.6	A N	152
1521	4ACSR	22.3	24.9	0.0	A N	16	8	1	3	58	26	4	92	0.1	0.9	125.1	0.0	-0.8	A N	1521
1522	4ACSR	27.6	24.9	0.0	A N	42	20	3	2	42	19	3	91	0.0	0.9	125.1	0.0	-1.1	A N	1522
1523	4ACSR	23.6	24.9	0.0	A N	14	6	1	1	15	5	1	95	0.0	0.8	125.2	0.0	-1.0	A N	1523
1524	4ACSR	29.3	24.9	0.0	A N	1	1	0	0	1	-1	0	-91	0.0	0.8	125.2	0.0	-1.1	A N	1524
171	4ACSR	16.2	24.9	0.0	A N	33	15	2	3	61	26	4	92	0.1	0.6	125.4	0.0	-1.0	A N	171
1711	4ACSR	21.5	24.9	0.0	A N	28	13	2	1	28	12	2	92	0.0	0.7	125.3	0.0	-1.1	A N	1711
156	4ACSR	10.5	24.9	0.0	A N	40	19	3	5	107	43	8	93	0.1	0.5	125.5	0.1	-0.5	A N	156
1561	4ACSR	14.9	24.9	0.0	A N	17	8	1	3	67	25	5	94	0.1	0.6	125.4	0.0	-0.9	A N	1561
154	4ACSR	22.2	24.9	0.0	A N	14	7	1	1	19	6	1	96	0.0	0.6	125.4	0.0	-1.5	A N	154
1541	4ACSR	26.3	24.9	0.0	A N	3	1	0	0	3	0	0	99	0.0	0.6	125.4	0.0	-0.8	A N	1541
1542	4ACSR	27.7	24.9	0.0	A N	3	1	0	0	3	0	0	99	0.0	0.6	125.4	0.0	-1.1	A N	1542
155	4ACSR	20.2	24.9	0.0	A N	13	6	1	2	30	12	2	93	0.0	0.6	125.4	0.0	-1.1	A N	155
1551	4ACSR	23.7	24.9	0.0	A N	8	4	1	0	8	3	1	93	0.0	0.6	125.4	0.0	-0.7	A N	1551
1552	4ACSR	23.8	24.9	0.0	A N	9	4	1	0	9	4	1	93	0.0	0.6	125.4	0.0	-0.7	A N	1552

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********** Load-Flow Results For Sideview Ckt 2 **********
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Sideview Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					980	265	45	97			126.0			ABCN	Feeder
168	4/0ACSR	3.0	12.5	0.0	ABCN	322	0	14	13	980	265	45	97	0.3	0.3	125.7	1.8	1.9	ABCN	168
170	4/0ACSR	6.9	12.5	0.0	ABCN	34	14	2	9	656	263	31	93	0.3	0.6	125.4	1.2	0.8	ABCN	170
1701	4/0ACSR	13.7	12.5	0.0	ABCN	28	11	1	9	621	249	30	93	0.5	1.1	124.9	1.9	1.1	ABCN	1701
169	4/0ACSR	15.2	12.5	0.0	ABCN	10	4	1	5	374	147	18	93	0.1	1.2	124.8	0.2	-0.1	ABCN	169
161	1/0ACSR	20.5	12.5	0.0	ABCN	43	18	2	8	363	143	17	93	0.4	1.6	124.4	0.9	-0.3	ABCN	161
1611	1/0ACSR	26.5	12.5	0.0	ABCN	16	7	1	7	319	125	15	93	0.4	1.9	124.1	0.9	-0.5	ABCN	1611
1612	1/0ACSR	31.6	12.5	0.0	ABCN	7	3	0	6	302	119	15	93	0.3	2.3	123.7	0.7	-0.4	ABCN	1612
432	4ACSR	37.9	12.5	0.0	A N	18	8	3	3	28	11	4	93	0.2	2.7	123.3	0.0	-0.3	A N	432
4321	4ACSR	43.2	12.5	0.0	A N	10	4	1	1	10	4	1	93	0.0	2.8	123.2	0.0	-0.3	A N	4321
423	1/0ACSR	35.9	12.5	0.0	ABCN	8	3	0	6	266	105	13	93	0.2	2.5	123.5	0.4	-0.5	ABCN	423
424	1/0ACSR	40.3	12.5	0.0	ABCN	27	11	1	5	257	102	12	93	0.2	2.7	123.3	0.4	-0.5	ABCN	424
4241	1/0ACSR	45.6	12.5	0.0	ABCN	28	11	1	5	230	91	11	93	0.2	2.9	123.1	0.4	-0.7	ABCN	4241
420	4ACSR	53.4	12.5	0.0	A N	65	27	10	7	65	27	10	93	0.4	3.7	122.3	0.2	-0.3	A N	420
425	1/0ACSR	52.0	12.5	0.0	ABCN	39	16	2	3	136	54	7	93	0.2	3.1	122.9	0.2	-1.1	ABCN	425
426	1/0ACSR	58.8	12.5	0.0	ABCN	44	18	2	1	44	17	2	93	0.0	3.1	122.9	0.0	-1.2	ABCN	426
421	2ACSR	59.1	12.5	0.0	A N	52	21	8	4	53	21	8	93	0.2	3.8	122.2	0.1	-0.3	A N	421
4211	4ACSR	66.6	12.5	0.0	A N	2	1	0	0	2	0	0	98	0.0	3.8	122.2	0.0	-0.4	A N	4211
172	4ACSR	16.2	12.5	0.0	A N	61	25	9	22	218	88	31	93	0.7	2.0	124.0	1.0	0.4	A N	172
1721	4ACSR	18.6	12.5	0.0	A N	1	1	0	16	156	63	23	93	0.5	2.5	123.5	0.6	0.2	A N	1721
173	4ACSR	23.8	12.5	0.0	A N	17	7	2	10	100	40	15	93	0.7	3.2	122.8	0.5	0.0	A N	173
1731	4ACSR	27.7	12.5	0.0	A N	34	14	5	4	34	14	5	93	0.1	3.3	122.7	0.0	-0.2	A N	1731
1732	4ACSR	27.7	12.5	0.0	A N	47	19	7	5	49	19	7	93	0.1	3.4	122.6	0.1	-0.2	A N	1732
1733	4ACSR	38.1	12.5	0.0	A N	2	1	0	0	2	0	0	100	0.0	3.4	122.6	0.0	-0.5	A N	1733
177	4ACSR	23.2	12.5	0.0	A N	25	10	4	6	54	22	8	93	0.3	2.8	123.2	0.1	-0.2	A N	177
1771	4ACSR	27.7	12.5	0.0	A N	29	12	4	3	29	12	4	93	0.1	2.9	123.1	0.0	-0.2	A N	1771

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					818	319	39	93			126.0			ABCN	Feeder
167	4/0ACSR	2.7	12.5	0.0	ABCN	10	4	0	11	818	319	39	93	0.3	0.3	125.7	1.4	1.2	ABCN	167
176	6ACWC	8.6	12.5	0.0	ABCN	64	26	3	27	806	314	38	93	1.8	2.0	124.0	11.1	2.8	ABCN	176
202	6ACWC	11.3	12.5	0.0	ABCN	25	10	1	21	600	232	29	93	0.6	2.7	123.3	3.0	0.6	ABCN	202
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 202																				
ABCN : Tap = 2 RAISE																				
Regulator		11.3	12.5	0.0	ABCN				28	572	221	28	93	-2.1	0.6	125.4	0.0	-0.0	ABCN	Regulator
2021	4ACSR	16.1	12.5	0.0	A N	26	11	4	3	26	10	4	93	0.1	0.7	125.3	0.0	-0.2	A N	2021
2022	6ACWC	15.6	12.5	0.0	ABCN	24	10	1	19	546	211	26	93	0.9	1.5	124.5	3.8	0.6	ABCN	2022
2023	6ACWC	21.5	12.5	0.0	ABCN	25	10	1	18	518	200	25	93	1.1	2.6	123.4	4.7	0.6	ABCN	2023
203	6ACWC	23.9	12.5	0.0	ABCN	33	14	2	8	227	82	11	94	0.2	2.8	123.2	0.4	-0.3	ABCN	203
204	4ACSR	28.7	12.5	0.0	A N	36	15	5	20	193	69	28	94	1.2	4.2	121.8	1.6	0.6	A N	204
2041	4ACSR	32.0	12.5	0.0	A N	42	17	6	16	155	53	22	95	0.6	4.8	121.2	0.7	0.2	A N	2041
453	4ACSR	34.4	12.5	0.0	A N	112	36	16	12	112	36	16	95	0.2	5.0	121.0	0.2	-0.0	A N	453
211	6ACWC	26.0	12.5	0.0	ABCN	52	21	3	9	262	107	13	93	0.4	3.1	122.9	0.9	-0.4	ABCN	211
2111	6ACWC	29.9	12.5	0.0	ABCN	62	25	3	7	209	86	10	93	0.3	3.3	122.7	0.5	-0.5	ABCN	2111
208	4ACSR	34.5	12.5	0.0	A N	27	11	4	15	147	60	22	93	0.9	4.6	121.4	1.0	0.3	A N	208
2081	4ACSR	38.9	12.5	0.0	A N	118	49	18	13	119	49	18	92	0.4	4.9	121.1	0.4	-0.0	A N	2081
201	4ACSR	14.2	12.5	0.0	A N	58	24	9	14	131	53	19	93	0.8	3.0	123.0	0.7	0.1	A N	201
2011	4ACSR	17.6	12.5	0.0	A N	2	1	0	8	72	29	11	93	0.3	3.4	122.6	0.2	-0.1	A N	2011
2012	4ACSR	20.7	12.5	0.0	A N	33	14	5	3	33	13	5	93	0.1	3.5	122.5	0.0	-0.1	A N	2012
2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	4	37	14	5	93	0.2	3.5	122.5	0.0	-0.1	A N	2013
207	4ACSR	28.3	12.5	0.0	A N	19	8	3	4	37	14	5	93	0.3	3.9	122.1	0.1	-0.3	A N	207
210	4ACSR	35.4	12.5	0.0	A N	18	7	3	2	18	7	3	93	0.1	3.9	122.1	0.0	-0.3	A N	210

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********** Load-Flow Results For Sideview Ckt 4 **********
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Sideview Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					863	348	41	93			126.0			ABCN	Feeder
	166	4/0ACSR	5.6	12.5	0.0	ABCN	11	5	1	12	863	348	41	93	0.6	0.6	125.4	3.2	3.0	ABCN	166
	1661	4/0ACSR	10.2	12.5	0.0	ABCN	10	4	0	12	848	340	40	93	0.5	1.1	124.9	2.5	2.3	ABCN	1661
	165	4/0ACSR	15.3	12.5	0.0	ABCN	14	6	1	9	609	242	29	93	0.4	1.5	124.5	1.4	0.8	ABCN	165
	1651	4/0ACSR	19.0	12.5	0.0	ABCN	3	1	0	8	593	235	28	93	0.3	1.8	124.2	1.0	0.6	ABCN	1651
	164	1/0ACSR	23.0	12.5	0.0	ABCN	8	3	0	5	236	93	11	93	0.2	1.9	124.1	0.3	-0.5	ABCN	164
	158	4ACSR	29.3	12.5	0.0	A N	13	5	2	1	13	5	2	93	0.1	2.1	123.9	0.0	-0.3	A N	158
	163	1/0ACSR	29.9	12.5	0.0	ABCN	35	14	2	5	215	85	10	93	0.3	2.2	123.8	0.4	-1.0	ABCN	163
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 163																				
		ABCN : Tap = 2				RAISE															
	Regulator		29.9	12.5	0.0	ABCN				9	180	72	9	93	-1.5	0.7	125.3	-0.0	-0.0	ABCN	Regulator
	1631	1/0ACSR	31.2	12.5	0.0	ABCN	9	4	0	4	180	72	9	93	0.0	0.7	125.3	0.1	-0.2	ABCN	1631
	24	6ACWC	34.7	12.5	0.0	ABCN	2	1	0	0	2	0	0	100	0.0	0.7	125.3	0.0	-0.6	ABCN	24
	5	4ACSR	39.0	12.5	0.0	A N	39	16	6	17	169	68	24	93	1.7	2.5	123.5	1.9	0.6	A N	5
	4	4ACSR	41.1	12.5	0.0	A N	22	9	3	9	85	35	12	93	0.2	2.7	123.3	0.1	-0.0	A N	4
	2	4ACSR	45.8	12.5	0.0	A N	13	5	2	4	43	17	6	93	0.3	3.0	123.0	0.1	-0.2	A N	2
	2112	4ACSR	51.5	12.5	0.0	A N	30	12	4	3	30	12	4	93	0.1	3.1	122.9	0.0	-0.3	A N	2112
	6	4ACSR	45.8	12.5	0.0	A N	21	9	3	2	21	8	3	93	0.1	2.8	123.2	0.0	-0.2	A N	6
	3	2ACSR	43.6	12.5	0.0	A N	16	7	2	3	43	17	6	93	0.2	2.7	123.3	0.0	-0.2	A N	3
	3111	2ACSR	48.3	12.5	0.0	A N	19	8	3	2	27	11	4	93	0.1	2.8	123.2	0.0	-0.2	A N	3111
	3112	4ACSR	52.8	12.5	0.0	A N	7	3	1	1	7	3	1	93	0.0	2.8	123.2	0.0	-0.2	A N	3112
	174	4ACSR	25.0	12.5	0.0	ABCN	19	8	1	12	353	140	17	93	0.8	2.6	123.4	2.4	-0.2	ABCN	174
	1741	4ACSR	31.0	12.5	0.0	ABCN	45	19	2	11	331	132	16	93	0.8	3.4	122.6	2.0	-0.3	ABCN	1741
	17411	336ACSR	33.6	12.5	0.0	ABCN	15	6	1	2	231	93	11	93	0.0	3.4	122.6	0.1	-0.4	ABCN	17411
	1743	4ACSR	37.0	12.5	0.0	ABCN	11	4	1	8	216	87	11	93	0.3	3.7	122.3	0.5	-0.4	ABCN	1743
	213	4ACSR	39.1	12.5	0.0	ABCN	11	5	1	7	201	82	10	93	0.2	3.9	122.1	0.3	-0.3	ABCN	213
	2131	4ACSR	39.9	12.5	0.0	ABCN	0	0	0	7	187	76	9	93	0.1	3.9	122.1	0.1	-0.1	ABCN	2131
	215	4ACSR	45.1	12.5	0.0	A N	19	8	3	20	186	76	28	93	1.3	5.6	120.4	1.9	0.7	A N	215
	217	4ACSR	52.0	12.5	0.0	A N	9	4	1	18	166	68	25	93	1.7	7.2	118.8	2.1	0.8	A N	217
L	2171	4ACSR	57.8	12.5	0.0	A N	25	10	4	17	155	63	23	93	1.3	8.5	117.5	1.5	0.5	A N	2171
L	220	4ACSR	63.7	12.5	0.0	A N	93	38	14	10	93	38	14	92	0.4	8.9	117.1	0.3	-0.1	A N	220
L	221	4ACSR	62.2	12.5	0.0	A N	25	10	4	4	35	14	5	93	0.2	8.6	117.4	0.0	-0.2	A N	221
L	2211	4ACSR	66.3	12.5	0.0	A N	11	4	2	1	11	4	2	93	0.0	8.7	117.3	0.0	-0.2	A N	2211
	214	4ACSR	44.5	12.5	0.0	A N	3	1	0	0	3	1	0	95	0.0	4.2	121.8	0.0	-0.3	A N	214
	218	4ACSR	42.4	12.5	0.0	A N	4	2	1	0	4	1	1	95	0.0	4.0	122.0	0.0	-0.3	A N	218
	1742	4ACSR	38.2	12.5	0.0	ABCN	52	22	3	2	52	20	3	93	0.1	3.4	122.6	0.1	-1.2	ABCN	1742
	175	4ACSR	15.7	12.5	0.0	A N	45	19	7	23	227	92	33	93	1.6	2.7	123.3	2.6	1.1	A N	175
	200	4ACSR	22.3	12.5	0.0	A N	31	13	5	19	179	72	26	93	1.6	4.3	121.7	2.0	0.7	A N	200
	2001	4ACSR	29.3	12.5	0.0	A N	70	29	10	7	70	29	10	93	0.4	4.7	121.3	0.2	-0.2	A N	2001
	2002	4ACSR	23.3	12.5	0.0	A N	1	0	0	8	76	30	11	93	0.1	4.4	121.6	0.1	-0.0	A N	2002
	206	4ACSR	27.1	12.5	0.0	A N	18	7	3	3	24	10	4	93	0.1	4.5	121.5	0.0	-0.2	A N	206
	2061	4ACSR	32.9	12.5	0.0	A N	7	3	1	1	7	3	1	94	0.0	4.5	121.5	0.0	-0.3	A N	2061
	2162	4ACSR	27.8	12.5	0.0	A N	17	7	2	5	51	20	7	93	0.3	4.7	121.3	0.1	-0.2	A N	2162
	2161	4ACSR	31.3	12.5	0.0	A N	21	9	3	4	34	14	5	93	0.1	4.8	121.2	0.0	-0.2	A N	2161
	216	4ACSR	34.3	12.5	0.0	A N	13	6	2	1	13	5	2	93	0.0	4.8	121.2	0.0	-0.1	A N	216

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********** Load-Flow Results For Stanton Ckt 1 **********
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Stanton Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2672	950	125	94			126.0			ABCN	Feeder
620	336ACSR	0.4	12.5	0.0	ABCN	8	7	0	24	2672	950	125	94	0.1	0.1	125.9	1.2	2.3	ABCN	620
62098	336ACSR	1.2	12.5	0.0	ABCN	13	12	1	23	2610	893	122	95	0.1	0.2	125.8	2.0	4.0	ABCN	62098
62096	336ACSR	1.7	12.5	0.0	ABCN	0	-0	0	23	2576	859	120	95	0.1	0.3	125.7	1.3	2.7	ABCN	62096
62094	336ACSR	2.6	12.5	0.0	ABCN	32	29	2	22	2522	809	117	95	0.2	0.5	125.5	2.0	4.1	ABCN	62094
62092	336ACSR	3.1	12.5	0.0	ABCN	13	-316	14	21	2462	752	114	96	0.1	0.6	125.4	1.1	2.1	ABCN	62092
Capacitor (Wye-Gnd Connected) at Center of Section 62092																				
	ABCN : Nominal = 300 kvar						Actual = 328 kvar													
622	336ACSR	3.5	12.5	0.0	ABCN	14	12	1	16	1803	747	86	92	0.1	0.6	125.4	0.5	1.0	ABCN	622
6220	4ACSR	3.9	12.5	0.0	ABCN	89	-125	7	19	584	62	26	99	0.1	0.7	125.3	0.4	0.1	ABCN	6220
Capacitor (Wye-Gnd Connected) at Center of Section 6220																				
	ABCN : Nominal = 150 kvar						Actual = 164 kvar													
6221	4ACSR	4.4	12.5	0.0	ABCN	287	13	13	9	287	13	13	100	0.0	0.7	125.3	0.2	0.0	ABCN	6221
623	397ACSR	4.2	12.5	0.0	ABCN	8	8	1	2	208	173	12	77	0.0	0.7	125.3	0.0	-0.1	ABCN	623
6223	2ACSR	4.7	12.5	0.0	A N	42	38	8	4	42	38	8	74	0.0	0.8	125.2	0.0	-0.0	A N	6223
6231	397ACSR	4.8	12.5	0.0	ABCN	-0	-0	0	2	157	128	9	78	0.0	0.7	125.3	0.0	-0.1	ABCN	6231
6215	4ACSR	5.2	12.5	0.0	A N	30	27	5	4	30	27	5	74	0.0	0.8	125.2	0.0	-0.0	A N	6215
6232	397ACSR	5.7	12.5	0.0	ABCN	74	52	4	1	127	101	7	79	0.0	0.7	125.3	0.0	-0.2	ABCN	6232
6218	4ACSR	6.2	12.5	0.0	A N	46	42	8	6	46	42	8	74	0.0	0.8	125.2	0.0	-0.0	A N	6218
62321	336ACSR	5.9	12.5	0.0	ABCN	8	7	0	0	8	7	0	74	0.0	0.7	125.3	0.0	-0.0	ABCN	62321
625	336ACSR	4.3	12.5	0.0	ABCN	26	24	2	12	1204	671	61	87	0.1	0.7	125.3	0.5	0.9	ABCN	625
6252	336ACSR	4.6	12.5	0.0	ABCN	44	40	3	4	385	231	20	86	0.0	0.7	125.3	0.0	-0.0	ABCN	6252
6250	4ACSR	6.5	12.5	0.0	A N	138	126	25	18	139	126	25	74	0.2	1.0	125.0	0.3	0.1	A N	6250
6253	336ACSR	5.1	12.5	0.0	ABCN	60	54	4	1	72	65	4	74	0.0	0.7	125.3	0.0	-0.1	ABCN	6253
6254	4ACSR	5.6	12.5	0.0	A N	12	11	2	2	12	11	2	74	0.0	0.8	125.2	0.0	-0.0	A N	6254
6255	336ACSR	5.5	12.5	0.0	ABCN	131	0	6	1	131	-0	6	-100	0.0	0.7	125.3	0.0	-0.2	ABCN	6255
6251	4ACSR	5.6	12.5	0.0	A N	129	110	23	16	130	110	23	76	0.1	0.9	125.1	0.2	0.0	A N	6251
6256	336ACSR	4.6	12.5	0.0	ABCN	106	24	5	6	662	306	32	91	0.0	0.7	125.3	0.1	0.0	ABCN	6256
62561	336ACSR	5.0	12.5	0.0	ABCN	68	38	3	4	411	150	19	94	0.0	0.7	125.3	0.0	-0.0	ABCN	62561
6257	4ACSR	5.8	12.5	0.0	A N	104	52	16	11	104	52	16	89	0.1	0.8	125.2	0.1	-0.0	A N	6257
6258	336ACSR	5.4	12.5	0.0	ABCN	20	4	1	2	239	59	11	97	0.0	0.8	125.2	0.0	-0.1	ABCN	6258
62513	336ACSR	5.9	12.5	0.0	ABCN	209	47	10	2	209	47	10	98	0.0	0.8	125.2	0.0	-0.1	ABCN	62513
62510	6ACWC	5.7	12.5	0.0	A N	9	8	2	1	9	8	2	74	0.0	0.8	125.2	0.0	-0.0	A N	62510
6259	2ACSR	5.6	12.5	0.0	A N	47	43	8	15	146	132	26	74	0.2	0.9	125.1	0.2	0.1	A N	6259
62511	4ACSR	6.6	12.5	0.0	A N	17	15	3	13	99	89	18	74	0.1	1.1	124.9	0.1	0.0	A N	62511
62512	4ACSR	7.7	12.5	0.0	A N	82	74	15	11	82	74	15	74	0.1	1.2	124.8	0.1	-0.0	A N	62512
6222	336ACSR	3.4	12.5	0.0	ABCN	46	42	3	6	645	319	32	90	0.0	0.6	125.4	0.1	0.0	ABCN	6222
621	336ACSR	3.8	12.5	0.0	ABCN	28	26	2	5	576	257	28	91	0.0	0.6	125.4	0.1	0.0	ABCN	621
6210	4ACSR	4.2	12.5	0.0	A N	23	21	4	3	23	21	4	74	0.0	0.6	125.4	0.0	-0.0	A N	6210
6213	336ACSR	4.1	12.5	0.0	ABCN	134	43	6	3	376	152	18	93	0.0	0.6	125.4	0.0	-0.0	ABCN	6213
6212	4ACSR	4.9	12.5	0.0	A N	76	69	14	10	76	69	14	74	0.1	0.7	125.3	0.0	-0.0	A N	6212
6214	336ACSR	4.7	12.5	0.0	ABCN	161	38	7	1	166	39	8	97	0.0	0.6	125.4	0.0	-0.1	ABCN	6214
6216	4ACSR	5.1	12.5	0.0	A N	5	2	1	0	5	2	1	95	0.0	0.7	125.3	0.0	-0.0	A N	6216
6217	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.0	ABCN	6217
62171	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.0	ABCN	62171
6211	4ACSR	5.1	12.5	0.0	A N	149	60	21	15	149	60	21	93	0.1	0.8	125.2	0.2	0.0	A N	6211
6219	2ACSR	3.8	12.5	0.0	A N	22	20	4	2	22	20	4	74	0.0	0.6	125.4	0.0	-0.0	A N	6219
62093	4ACSR	3.4	12.5	0.0	A N	27	24	5	3	27	24	5	74	0.0	0.5	125.5	0.0	-0.0	A N	62093
62095	4ACSR	2.9	12.5	0.0	A N	52	47	9	7	52	47	9	74	0.1	0.4	125.6	0.0	-0.0	A N	62095
62097	4ACSR	1.9	12.5	0.0	A N	19	17	3	2	19	17	3	74	0.0	0.2	125.8	0.0	-0.0	A N	62097
62099	4ACSR	2.5	12.5	0.0	A N	53	48	10	7	53	48	9	74	0.1	0.2	125.8	0.0	-0.1	A N	62099

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********** Load-Flow Results For Stanton Ckt 2 **********
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Stanton Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Ldg Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg Section
Feeder			12.5	0.0	ABCN					2923	988	136	95			126.0			ABCN Feeder
609	336ACSR	0.4	12.5	0.0	ABCN	1	1	0	26	2923	988	136	95	0.1	0.1	125.9	1.4	2.8	ABCN 609
6090	336ACSR	2.6	12.5	0.0	ABCN	0	0	0	26	2920	984	136	95	0.5	0.5	125.5	6.9	14.1	ABCN 6090
60900	336ACSR	3.0	12.5	0.0	ABCN	0	0	0	26	2913	970	136	95	0.1	0.6	125.4	1.5	3.0	ABCN 60900
6091	336ACSR	3.4	12.5	0.0	ABCN	0	0	0	26	2912	967	136	95	0.1	0.7	125.3	1.3	2.7	ABCN 6091
60921	336ACSR	3.6	12.5	0.0	ABCN	-0	0	0	26	2910	964	136	95	0.0	0.8	125.2	0.5	1.0	ABCN 60921
6092	336ACSR	3.9	12.5	0.0	ABCN	6	5	0	26	2910	963	136	95	0.1	0.8	125.2	0.9	1.8	ABCN 6092
624	336ACSR	6.1	12.5	0.0	ABCN	123	-144	8	26	2903	956	136	95	0.5	1.3	124.7	7.1	14.4	ABCN 624
Capacitor (Wye-Gnd Connected) at Center of Section 624																			
ABCN : Nominal = 150 kvar Actual = 163 kvar																			
648	4/0ACSR	6.6	12.5	0.0	ABCN	322	82	15	20	1505	217	68	99	0.1	1.4	124.6	0.6	0.8	ABCN 648
6480	4ACSR	8.0	12.5	0.0	ABCN	274	43	12	9	274	43	12	99	0.1	1.4	124.6	0.5	0.0	ABCN 6480
6483	1/0ACSR	6.9	12.5	0.0	ABCN	4	3	0	18	907	91	41	100	0.0	1.4	124.6	0.3	0.2	ABCN 6483
6481	1/0ACSR	7.8	12.5	0.0	ABCN	374	32	17	17	868	56	39	100	0.1	1.5	124.5	0.8	0.5	ABCN 6481
649	1/0ACSR	8.1	12.5	0.0	ABCN	159	2	7	10	493	23	22	100	0.0	1.5	124.5	0.1	0.0	ABCN 649
6493	1/0ACSR	8.4	12.5	0.0	ABCN	0	0	0	6	333	21	15	100	0.0	1.5	124.5	0.0	-0.0	ABCN 6493
6490	1/0ACSR	8.7	12.5	0.0	ABCN	102	0	5	4	224	12	10	100	0.0	1.6	124.4	0.0	-0.0	ABCN 6490
6491	1/0ACSR	9.4	12.5	0.0	ABCN	122	11	5	2	122	11	5	100	0.0	1.6	124.4	0.0	-0.1	ABCN 6491
6492	1/0ACSR	9.2	12.5	0.0	ABCN	109	9	5	2	109	9	5	100	0.0	1.6	124.4	0.0	-0.1	ABCN 6492
6482	4ACSR	7.6	12.5	0.0	A N	35	31	6	5	35	31	6	75	0.0	1.5	124.5	0.0	-0.0	A N 6482
627	1/0CU	6.7	12.5	0.0	ABCN	0	0	0	22	1269	868	68	83	0.1	1.4	124.6	0.9	1.0	ABCN 627
6270	1/0CU	7.2	12.5	0.0	ABCN	11	10	1	21	1216	822	65	83	0.1	1.5	124.5	0.7	0.8	ABCN 6270
6271	1/0CU	7.6	12.5	0.0	ABCN	10	9	1	18	1028	744	57	81	0.1	1.6	124.4	0.4	0.4	ABCN 6271
6278	1/0CU	9.0	12.5	0.0	ABCN	70	62	4	15	856	596	47	82	0.2	1.8	124.2	1.0	1.0	ABCN 6278
6279	1/0CU	9.7	12.5	0.0	ABCN	14	12	1	2	164	46	8	96	0.0	1.8	124.2	0.0	-0.1	ABCN 6279
6280	4ACSR	10.9	12.5	0.0	A N	25	22	5	3	25	22	5	75	0.0	1.9	124.1	0.0	-0.1	A N 6280
6281	1/0CU	10.3	12.5	0.0	ABCN	124	11	6	2	124	11	6	100	0.0	1.8	124.2	0.0	-0.1	ABCN 6281
6282	1/0CU	9.8	12.5	0.0	ABCN	6	5	0	11	622	488	35	79	0.1	1.8	124.2	0.3	0.3	ABCN 6282
747	1/0CU	10.5	12.5	0.0	ABCN	9	8	1	10	558	431	32	79	0.1	1.9	124.1	0.2	0.1	ABCN 747
7472	1/0CU	11.3	12.5	0.0	ABCN	0	0	0	6	347	287	20	77	0.0	1.9	124.1	0.1	-0.0	ABCN 7472
7473	1/0CU	12.3	12.5	0.0	ABCN	60	45	3	1	60	45	3	80	0.0	2.0	124.0	0.0	-0.2	ABCN 7473
7475	1/0CU	11.7	12.5	0.0	ABCN	-0	-0	0	5	287	241	17	77	0.0	2.0	124.0	0.0	-0.0	ABCN 7475
7474	1/0EPR	12.1	12.5	0.0	A N	69	61	12	6	69	61	12	75	0.1	2.1	123.9	0.0	0.0	A N 7474
7476	1/0CU	16.0	12.5	0.0	ABCN	26	23	2	4	218	180	13	77	0.1	2.1	123.9	0.2	-0.5	ABCN 7476
750	4ACSR	18.9	12.5	0.0	ABCN	58	41	3	2	58	41	3	82	0.0	2.2	123.8	0.1	-0.5	ABCN 750
757	6ACWC	20.0	12.5	0.0	A N	74	65	13	17	134	117	24	75	0.6	2.9	123.1	0.7	0.2	A N 757
7571	2ACSR	21.9	12.5	0.0	A N	33	29	6	3	33	29	6	75	0.0	2.9	123.1	0.0	-0.1	A N 7571
7572	4ACSR	32.0	12.5	0.0	A N	26	23	5	3	26	22	5	76	0.3	3.1	122.9	0.1	-0.6	A N 7572
7470	1/0CU	11.4	12.5	0.0	ABCN	146	88	8	4	202	137	11	83	0.0	1.9	124.1	0.0	-0.1	ABCN 7470
7471	1/0CU	14.3	12.5	0.0	A N	55	49	10	3	55	49	10	75	0.1	2.1	123.9	0.0	-0.1	A N 7471
630	4ACSR	12.2	12.5	0.0	A N	16	14	3	7	57	50	10	75	0.2	2.1	123.9	0.1	-0.1	A N 630
6300	4ACSR	14.0	12.5	0.0	A N	17	15	3	2	17	15	3	75	0.0	2.1	123.9	0.0	-0.1	A N 6300
6301	4ACSR	13.2	12.5	0.0	A N	25	22	4	3	25	22	4	75	0.0	2.1	123.9	0.0	-0.0	A N 6301
6272	1/0CU	7.9	12.5	0.0	AB N	48	42	4	5	161	139	14	76	0.0	1.6	124.4	0.0	-0.0	AB N 6272
6274	1/0CU	8.3	12.5	0.0	AB N	10	6	1	3	113	97	10	76	0.0	1.6	124.4	0.0	-0.0	AB N 6274
6275	6ACWC	9.7	12.5	0.0	A N	103	91	18	13	103	91	18	75	0.1	1.8	124.2	0.1	-0.0	A N 6275
6276	1/0CU	8.1	12.5	0.0	AB N	126	22	9	4	176	67	13	94	0.0	1.5	124.5	0.0	-0.1	AB N 6276
6277	6ACWC	11.7	12.5	0.0	A N	50	44	9	6	50	44	9	75	0.2	1.7	124.3	0.1	-0.1	A N 6277
6273	6ACWC	7.9	12.5	0.0	A N	52	46	9	7	52	46	9	75	0.1	1.5	124.5	0.0	-0.0	A N 6273

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********** Load-Flow Results For Stanton Ckt 3 **********
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Stanton Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			12.5	0.0	ABCN					2032	643	94	95			126.0			ABCN Feeder
631	397ACSR	1.7	12.5	0.0	ABCN	272	-133	13	16	2032	643	94	95	0.2	0.2	125.8	2.1	4.7	ABCN 631
Capacitor (Wye-Gnd Connected) at Center of Section 631																			
ABCN : Nominal = 150 kvar Actual = 165 kvar																			
6312	397ACSR	4.3	12.5	0.0	ABCN	5	5	0	14	1758	771	85	92	0.3	0.6	125.4	2.7	6.1	ABCN 6312
618	1/0ACSR	5.1	12.5	0.0	ABCN	41	37	2	28	1207	855	66	82	0.2	0.8	125.2	2.2	1.5	ABCN 618
6180	4ACSR	6.6	12.5	0.0	A N	41	38	7	5	41	38	7	74	0.1	0.9	125.1	0.0	-0.1	A N 6180
6181	1/0ACSR	5.6	12.5	0.0	ABCN	56	51	3	26	1124	778	61	82	0.1	0.9	125.1	1.0	0.7	ABCN 6181
6182	1/0ACSR	6.3	12.5	0.0	ABCN	0	0	0	25	1067	726	57	83	0.2	1.1	124.9	1.5	1.0	ABCN 6182
629	1/0ACSR	9.7	12.5	0.0	ABCN	37	34	2	19	824	505	43	85	0.6	1.7	124.3	3.8	2.2	ABCN 629
6291	1/0ACSR	11.4	12.5	0.0	ABCN	-0	-0	0	17	747	436	39	86	0.3	2.0	124.0	1.6	0.9	ABCN 6291
62911	1/0ACSR	11.4	12.5	0.0	ABCN	-0	0	0	17	746	435	39	86	0.0	2.0	124.0	0.0	0.0	ABCN 62911
6292	1/0ACSR	12.3	12.5	0.0	ABCN	140	2	6	3	140	2	6	100	0.0	2.0	124.0	0.0	-0.1	ABCN 6292
6293	1/0ACSR	12.6	12.5	0.0	ABCN	125	32	6	15	605	434	33	81	0.2	2.2	123.8	0.7	0.4	ABCN 6293
626	4ACSR	13.5	12.5	0.0	ABCN	32	29	2	19	466	389	27	77	0.2	2.4	123.6	0.9	0.1	ABCN 626
6261	4ACSR	14.3	12.5	0.0	ABCN	11	3	1	6	135	117	8	76	0.0	2.4	123.6	0.1	-0.1	ABCN 6261
6263	4ACSR	15.5	12.5	0.0	A N	16	15	3	16	124	113	23	74	0.2	2.8	123.2	0.3	0.1	A N 6263
6264	2ACSR	17.5	12.5	0.0	A N	53	49	10	5	53	49	10	74	0.1	2.9	123.1	0.0	-0.1	A N 6264
6265	4ACSR	16.6	12.5	0.0	A N	23	21	4	7	54	49	10	74	0.1	2.9	123.1	0.0	-0.0	A N 6265
6266	4ACSR	17.9	12.5	0.0	A N	15	13	3	2	15	13	3	74	0.0	2.9	123.1	0.0	-0.1	A N 6266
6267	4ACSR	19.4	12.5	0.0	A N	16	15	3	2	16	15	3	74	0.0	3.0	123.0	0.0	-0.1	A N 6267
6262	4ACSR	14.5	12.5	0.0	ABCN	33	14	2	12	298	243	17	77	0.1	2.5	123.5	0.4	-0.0	ABCN 6262
651	6ACWC	19.8	12.5	0.0	A N	61	56	11	34	264	229	47	76	2.0	4.7	121.3	4.5	2.4	A N 651
6510	6ACWC	24.5	12.5	0.0	A N	39	27	7	26	198	170	36	76	1.4	6.2	119.8	2.5	1.3	A N 6510
643	4ACSR	29.4	12.5	0.0	A N	21	19	4	21	157	142	29	74	1.3	7.5	118.5	2.0	0.8	A N 643
L 6431	4ACSR	32.4	12.5	0.0	A N	19	17	4	18	134	122	25	74	0.7	8.1	117.9	0.9	0.3	A N 6431
L 6421	4ACSR	34.7	12.5	0.0	A N	13	12	3	2	13	12	2	74	0.0	8.2	117.8	0.0	-0.1	A N 6421
L 644	6ACWC	37.4	12.5	0.0	A N	41	37	8	14	102	92	19	74	0.7	8.9	117.1	0.6	0.2	A N 644
L 645	4ACSR	39.9	12.5	0.0	A N	11	10	2	2	11	10	2	74	0.0	8.9	117.1	0.0	-0.1	A N 645
L 6530	4ACSR	39.5	12.5	0.0	A N	5	5	1	7	49	45	9	74	0.2	9.1	116.9	0.1	-0.0	A N 6530
L 6531	4ACSR	47.5	12.5	0.0	A N	27	25	5	4	27	24	5	74	0.2	9.3	116.7	0.1	-0.3	A N 6531
L 653	4ACSR	43.2	12.5	0.0	A N	17	16	3	2	17	16	3	74	0.1	9.1	116.9	0.0	-0.2	A N 653
6294	1/0ACSR	12.9	12.5	0.0	ABCN	13	12	1	0	13	12	1	74	0.0	2.2	123.8	0.0	-0.1	ABCN 6294
6290	1/0ACSR	11.3	12.5	0.0	A N	36	33	7	3	36	33	7	74	0.0	1.9	124.1	0.0	-0.1	A N 6290
632	4ACSR	7.6	12.5	0.0	A N	5	4	1	31	242	219	44	74	0.6	1.7	124.3	1.3	0.6	A N 632
6321	4ACSR	11.1	12.5	0.0	A N	49	45	9	31	236	214	43	74	1.3	3.0	123.0	2.7	1.3	A N 6321
6323	4ACSR	14.4	12.5	0.0	A N	60	56	11	16	125	114	23	74	0.6	3.6	122.4	0.6	0.1	A N 6323
642	4ACSR	21.9	12.5	0.0	A N	32	30	6	5	38	35	7	74	0.3	3.9	122.1	0.1	-0.3	A N 642
6422	4ACSR	25.4	12.5	0.0	A N	6	5	1	1	6	5	1	75	0.0	3.9	122.1	0.0	-0.2	A N 6422
652	4ACSR	18.8	12.5	0.0	A N	26	24	5	3	26	23	5	74	0.1	3.7	122.3	0.0	-0.2	A N 652
6322	4ACSR	16.8	12.5	0.0	A N	59	54	11	8	59	54	11	74	0.3	3.3	122.7	0.2	-0.2	A N 6322
616	336ACSR	9.4	12.5	0.0	ABCN	1	1	0	5	542	-95	24	-99	0.1	0.6	125.4	0.5	0.0	ABCN 616
6161	336ACSR	11.7	12.5	0.0	ABCN	487	-105	22	5	541	-96	24	-98	0.0	0.7	125.3	0.5	0.5	ABCN 6161
Capacitor (Wye-Gnd Connected) at Center of Section 6161																			
ABCN : Nominal = 150 kvar Actual = 164 kvar																			
6162	336ACSR	13.0	12.5	0.0	ABCN	8	7	0	0	53	8	2	99	0.0	0.7	125.3	0.0	-0.3	ABCN 6162
6163	4ACSR	15.4	12.5	0.0	A N	45	2	6	4	45	2	6	100	0.1	0.9	125.1	0.0	-0.1	A N 6163
6164	336ACSR	15.8	12.5	0.0	ABCN	1	1	0	0	1	-0	0	-99	0.0	0.7	125.3	0.0	-0.6	ABCN 6164

********** Load-Flow Results For Stanton Ckt 4 **********

Stanton Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					4410	2176	217	90			126.0			ABCN	Feeder
	619	397ACSR	0.4	12.5	0.0	ABCN	7	6	0	37	4410	2176	217	90	0.1	0.1	125.9	2.5	5.9	ABCN	619
	6190	397ACSR	1.2	12.5	0.0	ABCN	436	5	19	3	436	5	19	100	0.0	0.1	125.9	0.1	0.1	ABCN	6190
	6191	397ACSR	1.5	12.5	0.0	ABCN	17	15	1	34	3964	2158	199	88	0.4	0.5	125.5	6.4	15.3	ABCN	6191
	6192	4ACSR	3.4	12.5	0.0	A N	129	97	21	15	129	97	21	80	0.2	0.7	125.3	0.2	0.0	A N	6192
	6193	397ACSR	2.2	12.5	0.0	ABCN	5	-324	14	32	3811	2031	191	88	0.2	0.7	125.3	4.2	10.0	ABCN	6193
	Capacitor (Wye-Gnd Connected) at Center of Section 6193																				
	ABCN : Nominal = 300 kvar Actual = 328 kvar																				
	612	336ACSR	3.0	12.5	0.0	ABCN	7	6	0	35	3589	2188	186	85	0.3	1.0	125.0	5.0	10.2	ABCN	612
	6125	336ACSR	3.7	12.5	0.0	ABCN	22	20	1	30	3153	1800	161	87	0.2	1.2	124.8	2.9	6.0	ABCN	6125
	6126	4ACSR	4.4	12.5	0.0	A N	15	13	3	2	15	13	3	75	0.0	1.2	124.8	0.0	-0.0	A N	6126
	6127	336ACSR	4.0	12.5	0.0	ABCN	22	19	1	30	3113	1761	159	87	0.1	1.3	124.7	1.3	2.6	ABCN	6127
	6131	336ACSR	5.8	12.5	0.0	ABCN	145	102	8	28	2931	1664	150	87	0.5	1.8	124.2	6.9	14.0	ABCN	6131
	6132	336ACSR	6.7	12.5	0.0	ABCN	34	30	2	27	2779	1548	142	87	0.2	2.0	124.0	2.9	6.0	ABCN	6132
	61321	336ACSR	6.7	12.5	0.0	ABCN	-0	-0	0	26	2742	1512	140	88	0.0	2.0	124.0	0.2	0.5	ABCN	61321
	6133	397ACSR	6.9	12.5	0.0	ABCN	83	66	5	24	2742	1512	140	88	0.1	2.1	123.9	0.6	1.5	ABCN	6133
	6134	397ACSR	7.7	12.5	0.0	ABCN	38	33	2	23	2658	1445	136	88	0.2	2.2	123.8	2.0	4.7	ABCN	6134
	6136	397ACSR	8.6	12.5	0.0	ABCN	8	7	1	21	2437	1247	123	89	0.2	2.4	123.6	2.0	4.6	ABCN	6136
	614	397ACSR	12.6	12.5	0.0	ABCN	13	11	1	21	2427	1235	122	89	0.8	3.2	122.8	8.7	20.5	ABCN	614
	564	397ACSR	12.8	12.5	0.0	ABCN	16	14	1	15	1815	693	88	93	0.0	3.3	122.7	0.3	0.6	ABCN	564
	5642	397ACSR	15.7	12.5	0.0	ABCN	805	39	37	13	1589	495	75	95	0.2	3.5	122.5	2.6	5.8	ABCN	5642
	5643	6ACWC	17.3	12.5	0.0	ABCN	51	45	3	29	782	450	41	87	0.5	4.0	122.0	3.6	1.0	ABCN	5643
	5645	6ACWC	19.3	12.5	0.0	ABCN	68	59	4	25	682	365	35	88	0.5	4.5	121.5	3.0	0.7	ABCN	5645
	5646	6ACWC	21.8	12.5	0.0	A N	61	54	11	22	171	150	31	75	0.6	5.6	120.4	0.9	0.4	A N	5646
	5648	2ACSR	23.8	12.5	0.0	A N	26	22	5	3	26	22	5	75	0.0	5.6	120.4	0.0	-0.1	A N	5648
	5647	6ACWC	24.2	12.5	0.0	A N	84	74	16	11	84	74	15	75	0.2	5.7	120.3	0.1	-0.0	A N	5647
	5649	1/0ACSR	21.5	12.5	0.0	ABCN	193	42	9	9	440	152	21	94	0.2	4.7	121.3	0.6	0.1	ABCN	5649
	56491	2ACSR	25.6	12.5	0.0	A N	33	29	6	3	33	29	6	75	0.1	5.3	120.7	0.0	-0.2	A N	56491
	5650	1/0ACSR	23.8	12.5	0.0	ABCN	57	50	4	5	213	81	10	93	0.1	4.8	121.2	0.1	-0.3	ABCN	5650
	5652	1/0ACSR	25.9	12.5	0.0	ABCN	145	22	7	3	155	30	7	98	0.0	4.8	121.2	0.1	-0.3	ABCN	5652
	5653	1/0ACSR	29.2	12.5	0.0	ABCN	10	9	1	0	10	8	1	77	0.0	4.8	121.2	0.0	-0.6	ABCN	5653
	5644	6ACWC	19.6	12.5	0.0	A N	45	40	8	6	45	40	8	75	0.1	4.4	121.6	0.0	-0.1	A N	5644
	5640	4ACSR	15.5	12.5	0.0	A N	86	76	16	27	209	183	38	75	0.8	4.1	121.9	1.4	0.6	A N	5640
	5641	4ACSR	19.2	12.5	0.0	A N	121	107	22	16	122	107	22	75	0.4	4.5	121.5	0.5	0.1	A N	5641
	562	4ACSR	14.2	12.5	0.0	A N	10	9	2	26	206	178	37	76	0.6	3.9	122.1	1.1	0.5	A N	562
	5621	4ACSR	17.8	12.5	0.0	A N	27	24	5	19	150	130	27	76	0.9	4.7	121.3	1.2	0.4	A N	5621
	56225	4ACSR	19.5	12.5	0.0	A N	5	5	1	16	122	106	22	75	0.4	5.1	120.9	0.4	0.1	A N	56225
	5622	6ACWC	20.5	12.5	0.0	A N	21	19	4	15	116	101	21	75	0.2	5.3	120.7	0.2	0.1	A N	5622
	5623	4ACSR	26.3	12.5	0.0	A N	31	27	6	12	95	83	17	75	0.8	6.1	119.9	0.7	0.1	A N	5623
	5624	4ACSR	29.6	12.5	0.0	A N	42	37	8	6	42	37	8	75	0.1	6.2	119.8	0.1	-0.1	A N	5624
	5625	4ACSR	28.1	12.5	0.0	A N	21	18	4	3	21	18	4	75	0.0	6.1	119.9	0.0	-0.1	A N	5625
	5620	4ACSR	17.9	12.5	0.0	A N	44	39	8	6	44	39	8	75	0.1	4.0	122.0	0.1	-0.1	A N	5620
	615	4ACSR	15.9	12.5	0.0	A N	37	32	7	49	384	331	69	76	2.1	5.5	120.5	7.7	3.9	A N	615
	6151	4ACSR	18.4	12.5	0.0	A N	29	25	5	35	266	231	49	76	1.1	6.6	119.4	2.8	1.3	A N	6151
	745	4ACSR	22.7	12.5	0.0	A N	32	29	6	22	165	143	31	76	1.2	7.7	118.3	1.8	0.7	A N	745
L	7450	4ACSR	30.3	12.5	0.0	A N	78	69	15	11	79	69	15	75	0.5	8.3	117.7	0.4	-0.1	A N	7450
L	7451	4ACSR	33.5	12.5	0.0	A N	52	46	10	7	52	45	10	76	0.5	8.2	117.8	0.3	-0.3	A N	7451
	758	4ACSR	23.1	12.5	0.0	A N	69	61	13	9	69	61	13	75	0.3	6.9	119.1	0.2	-0.1	A N	758
	7580	4ACSR	26.4	12.5	0.0	A N	0	0	0	0	0	0	0	91	0.0	6.9	119.1	0.0	-0.2	A N	7580
	6150	4ACSR	21.1	12.5	0.0	A N	73	64	14	10	73	64	13	75	0.3	5.8	120.2	0.3	-0.1	A N	6150
	6135	4ACSR	11.9	12.5	0.0	A N	181	159	33	23	182	159	33	75	0.7	3.0	123.0	1.2	0.4	A N	6135
	6128	4ACSR	5.0	12.5	0.0	ABCN	116	39	5	6	158	76	8	90	0.0	1.3	124.7	0.1	-0.1	ABCN	6128
	6129	4ACSR	6.9	12.5	0.0	A N	42	37	8	5	42	37	8	75	0.1	1.5	124.5	0.0	-0.1	A N	6129
	6120	6ACWC	3.9	12.5	0.0	ABCN	28	25	2	18	424	371	25	75	0.2	1.2	124.8	0.7	0.1	ABCN	6120
	6121	6ACWC	5.1	12.5	0.0	A N	107	94	19	14	107	94	19	75	0.1	1.3	124.7	0.1	0.0	A N	6121
	6122	6ACWC	4.8	12.5	0.0	ABCN	22	19	1	12	288	253	17	75	0.1	1.3	124.7	0.3	-0.0	ABCN	6122
	61221	6ACWC	5.2	12.5	0.0	ABCN	19	17	1	7	173	152	10	75	0.0	1.3	124.7	0.1	-0.0	ABCN	61221
	6123	6ACWC	7.3	12.5	0.0	A N	94	82	17	12	94	82	17	75	0.2	1.5	124.5	0.1	-0.0	A N	6123
	6124	6ACWC	8.1	12.5	0.0	A N	60	52	11	8	60	52	11	75	0.1	1.5	124.5	0.1	-0.1	A N	6124
	6138	6ACWC	6.1	12.5	0.0	ABCN	93	82	6	4	93	82	6	75	0.0	1.3	124.7	0.1	-0.2	ABCN	6138
	6130	4ACSR	3.5	12.5	0.0	A N	197	145	33	23	198	145	33	81	0.2	1.0	125.0	0.4	0.1	A N	6130

Stanton Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6137	397ACSR	4.1	12.5	0.0	ABCN	14	13	1	0	16	13	1	79	0.0	0.7	125.3	0.0	-0.4	ABCN	6137
6789	336ACSR	9.3	12.5	0.0	ABCN	2	1	0	0	2	0	0	98	0.0	0.7	125.3	0.0	-1.1	ABCN	6789

********** Load-Flow Results For Three Forks Ckt 1 **********

Three Forks Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					934	378	22	93			126.0			ABCN	Feeder
111	1/0ACSR	7.8	24.9	0.0	ABCN	22	10	1	10	934	378	22	93	0.4	0.4	125.6	2.4	-4.2	ABCN	111
11111	1/0ACSR	12.8	24.9	0.0	ABCN	11	5	0	9	909	372	22	93	0.2	0.6	125.4	1.5	-2.7	ABCN	11111
106	1/0ACSR	19.6	24.9	0.0	ABCN	11	5	0	9	844	346	20	93	0.3	0.9	125.1	1.8	-3.9	ABCN	106
10619	1/0ACSR	22.7	24.9	0.0	ABCN	0	0	0	7	666	275	16	92	0.1	1.0	125.0	0.5	-2.0	ABCN	10619
102	6ACWC	30.2	24.9	0.0	A N	17	8	1	1	17	6	1	93	0.0	1.0	125.0	0.0	-1.5	A N	102
108	1/0ACSR	24.9	24.9	0.0	ABCN	6	3	0	7	648	270	16	92	0.1	1.1	124.9	0.3	-1.4	ABCN	108
103	4ACSR	31.1	24.9	0.0	A N	25	12	2	1	25	10	2	92	0.0	1.1	124.9	0.0	-1.2	A N	103
79	1/0ACSR	28.0	24.9	0.0	ABCN	2	1	0	6	617	258	15	92	0.1	1.2	124.8	0.4	-2.0	ABCN	79
100	1/0ACSR	29.7	24.9	0.0	ABCN	15	7	0	6	615	259	15	92	0.1	1.2	124.8	0.2	-1.1	ABCN	100
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																				
	ABCN : Tap = 1				RAISE															
Regulator			29.7	24.9	0.0	ABCN				15	599	253	15	92	-0.8	0.4	125.3	0.0	-0.0	ABCN	Regulator
10099	1/0ACSR	32.5	24.9	0.0	ABCN	0	0	0	6	599	253	14	92	0.1	0.5	125.5	0.4	-1.8	ABCN	10099
73	397ACSR	35.7	24.9	0.0	ABCN	79	37	2	1	351	149	8	92	0.0	0.6	125.4	0.0	-2.7	ABCN	73
7398	397ACSR	41.3	24.9	0.0	ABCN	109	51	3	1	207	84	5	93	0.0	0.6	125.4	0.0	-4.8	ABCN	7398
67	397ACSR	43.2	24.9	0.0	ABCN	41	19	1	0	78	28	2	94	0.0	0.6	125.4	0.0	-1.6	ABCN	67
6798	397ACSR	49.8	24.9	0.0	ABCN	14	6	0	0	14	1	0	100	0.0	0.6	125.4	0.0	-5.7	ABCN	6798
6799	4ACSR	47.5	24.9	0.0	A N	23	11	2	1	23	10	2	92	0.0	0.7	125.3	0.0	-0.9	A N	6799
7397	4ACSR	45.1	24.9	0.0	A N	20	9	1	1	20	9	1	92	0.0	0.6	125.4	0.0	-0.8	A N	7397
7399	397ACSR	37.0	24.9	0.0	A N	66	31	5	1	66	31	5	91	0.0	0.6	125.4	0.0	-0.3	A N	7399
76	4ACSR	37.4	24.9	0.0	A N	31	15	2	13	247	106	18	92	0.4	1.0	125.0	0.7	-0.6	A N	76
7699	4ACSR	43.4	24.9	0.0	A N	39	18	3	11	215	92	16	92	0.4	1.4	124.6	0.7	-0.9	A N	7699
101	4ACSR	46.8	24.9	0.0	A N	0	0	0	0	8	2	1	96	0.0	1.4	124.6	0.0	-0.7	A N	101
78	4ACSR	50.0	24.9	0.0	A N	8	4	1	0	8	3	1	93	0.0	1.4	124.6	0.0	-0.6	A N	78
104	4ACSR	48.5	24.9	0.0	A N	31	15	2	9	168	73	12	92	0.3	1.7	124.3	0.3	-0.8	A N	104
10498	4ACSR	52.1	24.9	0.0	A N	18	8	1	7	137	59	10	92	0.2	1.9	124.1	0.2	-0.6	A N	10498
10499	4ACSR	53.2	24.9	0.0	A N	42	20	3	6	119	51	9	92	0.0	1.9	124.1	0.0	-0.2	A N	10499
105	6ACWC	55.2	24.9	0.0	A N	15	7	1	4	76	32	6	92	0.0	1.9	124.1	0.0	-0.4	A N	105
10589	6ACWC	59.4	24.9	0.0	A N	9	4	1	3	61	26	4	92	0.1	2.0	124.0	0.0	-0.8	A N	10589
10587	6ACWC	68.2	24.9	0.0	A N	46	21	3	2	46	20	3	92	0.1	2.1	123.9	0.0	-1.7	A N	10587
10588	6ACWC	62.7	24.9	0.0	A N	7	3	0	0	7	2	0	94	0.0	2.0	124.0	0.0	-0.7	A N	10588
11318	4ACSR	57.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-74	0.0	1.9	124.1	0.0	-0.9	A N	11318
107	6ACWC	22.1	24.9	0.0	A N	23	11	2	9	166	70	12	92	0.1	1.0	125.0	0.2	-0.4	A N	107
1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	7	143	60	10	92	0.1	1.2	124.8	0.1	-0.4	A N	1079
10791	6ACWC	30.8	24.9	0.0	A N	51	24	4	7	143	60	10	92	0.2	1.4	124.6	0.2	-1.1	A N	10791
10792	6ACWC	34.7	24.9	0.0	A N	3	1	0	5	92	38	7	92	0.1	1.5	124.5	0.1	-0.7	A N	10792
112	4ACSR	40.5	24.9	0.0	A N	24	11	2	1	24	10	2	92	0.0	1.6	124.4	0.0	-1.2	A N	112
11322	6ACWC	37.9	24.9	0.0	A N	8	4	1	3	64	27	5	92	0.1	1.6	124.4	0.0	-0.6	A N	11322
113	6ACWC	45.8	24.9	0.0	A N	16	8	1	3	56	23	4	92	0.1	1.7	124.3	0.0	-1.5	A N	113
11319	6ACWC	50.8	24.9	0.0	A N	40	19	3	2	40	18	3	91	0.0	1.8	124.2	0.0	-1.0	A N	11319
11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.7	124.3	0.0	-0.4	A N	11320
128	4ACSR	19.0	24.9	0.0	A N	53	25	4	3	53	24	4	91	0.1	0.7	125.3	0.0	-1.2	A N	128

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********** Load-Flow Results For Three Forks Ckt 2 **********
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Three Forks Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1526	614	36	93			126.0			ABCN	Feeder
10994	1/0ACSR	0.2	24.9	0.0	ABCN	0	0	0	16	1526	614	36	93	0.0	0.0	126.0	0.2	-0.0	ABCN	10994
11612	4ACSR	4.7	24.9	0.0	A N	90	37	6	14	266	107	19	93	0.3	0.4	125.6	0.6	-0.6	A N	11612
91161	4ACSR	5.6	24.9	0.0	A N	8	3	1	9	175	70	13	93	0.1	0.4	125.6	0.1	-0.2	A N	91161
91162	6ACWC	7.1	24.9	0.0	A N	17	7	1	1	17	7	1	93	0.0	0.4	125.6	0.0	-0.3	A N	91162
71161	4ACSR	7.4	24.9	0.0	A N	36	15	3	3	67	26	5	93	0.0	0.5	125.5	0.0	-0.3	A N	71161
7116	6ACWC	13.4	24.9	0.0	A N	31	13	2	2	31	11	2	94	0.0	0.5	125.5	0.0	-1.2	A N	7116
9116	4ACSR	7.6	24.9	0.0	A N	48	20	3	4	83	34	6	93	0.0	0.5	125.5	0.0	-0.4	A N	9116
91163	4ACSR	9.5	24.9	0.0	A N	35	15	3	2	35	14	3	93	0.0	0.5	125.5	0.0	-0.4	A N	91163
119	1/0ACSR	1.5	24.9	0.0	ABCN	20	8	0	13	1260	507	30	93	0.1	0.1	125.9	0.7	-0.5	ABCN	119
109	1/0ACSR	3.6	24.9	0.0	ABCN	-0	-0	0	12	1186	478	28	93	0.1	0.2	125.8	1.1	-0.8	ABCN	109
1099	1/0ACSR	5.3	24.9	0.0	ABCN	0	-0	0	12	1176	475	28	93	0.1	0.3	125.7	0.9	-0.7	ABCN	1099
10993	4ACSR	6.1	24.9	0.0	A CN	0	0	0	9	348	142	12	93	0.0	0.4	125.6	0.1	-0.3	A CN	10993
9109	4ACSR	7.5	24.9	0.0	A CN	68	28	2	8	310	127	11	93	0.1	0.4	125.6	0.1	-0.5	A CN	9109
81091	6ACWC	8.9	24.9	0.0	A N	81	34	6	4	81	33	6	92	0.0	0.5	125.5	0.0	-0.3	A N	81091
8109	6ACWC	9.3	24.9	0.0	A N	57	24	4	8	162	66	12	93	0.1	0.5	125.5	0.1	-0.3	A N	8109
81092	4ACSR	12.9	24.9	0.0	A N	105	43	8	5	105	43	8	93	0.1	0.6	125.4	0.1	-0.7	A N	81092
10991	2ACSR	9.5	24.9	0.0	A N	38	16	3	2	38	15	3	93	0.0	0.4	125.6	0.0	-0.7	A N	10991
61095	1/0ACSR	6.3	24.9	0.0	ABCN	4	1	0	9	826	334	20	93	0.0	0.4	125.6	0.2	-0.5	ABCN	61095
61092	1/0ACSR	7.1	24.9	0.0	ABCN	93	34	2	7	704	284	17	93	0.0	0.4	125.6	0.1	-0.5	ABCN	61092
61093	1/0ACSR	8.0	24.9	0.0	ABCN	133	55	3	5	497	204	12	93	0.0	0.4	125.6	0.1	-0.6	ABCN	61093
61094	1/0ACSR	11.0	24.9	0.0	ABCN	364	152	9	4	365	150	9	93	0.0	0.4	125.6	0.3	-2.0	ABCN	61094
61091	6ACWC	9.8	24.9	0.0	A N	113	47	8	6	113	46	8	92	0.1	0.5	125.5	0.0	-0.5	A N	61091
6109	6ACWC	9.5	24.9	0.0	A N	119	49	9	6	119	49	9	93	0.1	0.4	125.6	0.1	-0.6	A N	6109
10992	2ACSR	5.2	24.9	0.0	A N	10	4	1	0	10	4	1	93	0.0	0.2	125.8	0.0	-0.3	A N	10992
116	4ACSR	5.0	24.9	0.0	A N	53	22	4	3	53	21	4	93	0.0	0.1	125.9	0.0	-0.7	A N	116

********** Load-Flow Results For Three Forks Ckt 3 **********

Three Forks Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Ldg Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2661	1032	63	93			126.0			ABCN	Feeder
118	336ACSR	1.6	24.9	0.0	ABCN	15	7	0	12	2661	1032	63	93	0.1	0.1	125.9	1.1	1.0	ABCN	118
1181	336ACSR	6.9	24.9	0.0	ABCN	3	1	0	12	2645	1024	63	93	0.3	0.4	125.6	3.6	3.0	ABCN	1181
901	336ACSR	12.4	24.9	0.0	ABCN	41	18	1	11	2504	963	59	93	0.3	0.6	125.4	3.4	2.3	ABCN	901
9011	336ACSR	19.9	24.9	0.0	ABCN	4	2	0	11	2460	943	58	93	0.4	1.0	125.0	4.4	3.0	ABCN	9011
9012	336ACSR	20.5	24.9	0.0	ABCN	0	0	0	11	2452	938	58	93	0.0	1.0	125.0	0.3	0.2	ABCN	9012
125	1/0ACSR	22.2	24.9	0.0	ABCN	86	38	2	3	297	121	7	93	0.0	1.0	125.0	0.0	-1.3	ABCN	125
1251	1/0ACSR	24.3	24.9	0.0	ABCN	15	7	0	2	210	85	5	93	0.0	1.0	125.0	0.0	-1.6	ABCN	1251
1252	4ACSR	28.1	24.9	0.0	A N	38	17	3	2	38	16	3	92	0.0	1.1	124.9	0.0	-0.8	A N	1252
1253	1/0ACSR	25.2	24.9	0.0	ABCN	6	2	0	2	157	63	4	93	0.0	1.1	124.9	0.0	-0.7	ABCN	1253
117	4ACSR	29.1	24.9	0.0	A N	57	25	4	5	89	37	6	92	0.1	1.2	124.8	0.0	-0.7	A N	117
11177	4ACSR	34.2	24.9	0.0	A N	32	14	2	2	32	13	2	93	0.0	1.2	124.8	0.0	-1.0	A N	11177
120	4ACSR	29.8	24.9	0.0	A N	7	3	1	3	62	24	4	93	0.1	1.2	124.8	0.0	-0.9	A N	120
12099	4ACSR	32.7	24.9	0.0	A N	34	15	3	2	34	14	2	92	0.0	1.2	124.8	0.0	-0.6	A N	12099
121	4ACSR	36.3	24.9	0.0	A N	21	9	2	1	21	8	1	94	0.0	1.2	124.8	0.0	-1.3	A N	121
9013	1/0ACSR	21.1	24.9	0.0	ABCN	5	2	0	22	2155	817	51	94	0.1	1.1	124.9	1.0	0.3	ABCN	9013
11252	1/0ACSR	22.3	24.9	0.0	ABCN	3	2	0	22	2149	814	51	94	0.1	1.2	124.8	2.1	0.6	ABCN	11252
11253	1/0ACSR	24.6	24.9	0.0	ABCN	7	3	0	21	1985	743	47	94	0.2	1.4	124.6	3.2	0.7	ABCN	11253
11392	1/0ACSR	27.2	24.9	0.0	ABCN	49	21	1	19	1814	673	43	94	0.2	1.7	124.3	2.9	0.3	ABCN	11392
13211	4ACSR	30.7	24.9	0.0	A N	44	19	3	2	44	18	3	92	0.0	1.7	124.3	0.0	-0.7	A N	13211
13221	1/0ACSR	31.2	24.9	0.0	ABCN	27	12	1	18	1719	633	41	94	0.4	2.0	124.0	4.3	0.2	ABCN	13221
134	1/0ACSR	36.6	24.9	0.0	ABCN	55	24	1	14	1319	519	32	93	0.4	2.4	123.6	3.3	-1.5	ABCN	134
13411	1/0ACSR	39.0	24.9	0.0	ABCN	19	8	0	12	1183	463	29	93	0.1	2.5	123.5	1.2	-0.8	ABCN	13411
13078	1/0ACSR	39.7	24.9	0.0	ABCN	9	4	0	9	812	309	20	93	0.0	2.5	123.5	0.2	-0.4	ABCN	13078
126	4ACSR	46.2	24.9	0.0	A N	73	32	5	4	73	31	5	92	0.1	2.7	123.3	0.1	-1.3	A N	126
13079	1/0ACSR	39.9	24.9	0.0	ABCN	7	3	0	8	729	274	18	94	0.0	2.6	123.4	0.1	-0.2	ABCN	13079
130	1/0ACSR	43.0	24.9	0.0	ABCN	71	31	2	5	465	168	11	94	0.1	2.6	123.4	0.2	-2.1	ABCN	130
124	1/0ACSR	44.4	24.9	0.0	ABCN	60	26	1	4	387	137	9	94	0.0	2.6	123.4	0.1	-1.0	ABCN	124
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 124																				
	ABCN : Tap = 3				RAISE															
Regulator			44.4	24.9	0.0	ABCN				8	327	112	8	95	-2.3	0.3	125.5	0.0	-0.0	ABCN	Regulator
12411	1/0ACSR	50.4	24.9	0.0	ABCN	57	25	1	3	327	112	8	95	0.1	0.4	125.6	0.2	-4.4	ABCN	12411
12412	1/0ACSR	54.6	24.9	0.0	ABCN	43	19	1	3	270	92	6	95	0.1	0.5	125.5	0.1	-3.2	ABCN	12412
372	1/0ACSR	61.5	24.9	0.0	ABCN	34	15	1	2	210	72	5	95	0.1	0.5	125.5	0.1	-5.2	ABCN	372
360	1/0ACSR	65.3	24.9	0.0	ABCN	27	12	1	2	177	62	4	94	0.0	0.6	125.4	0.0	-2.9	ABCN	360
36011	1/0ACSR	66.0	24.9	0.0	ABCN	3	1	0	0	3	1	0	96	0.0	0.6	125.4	0.0	-0.5	ABCN	36011
115	4ACSR	70.2	24.9	0.0	A CN	3	1	0	4	146	52	5	94	0.1	0.7	125.3	0.1	-2.1	A CN	115
11511	2ACSR	75.5	24.9	0.0	A CN	10	4	0	3	143	53	5	94	0.1	0.8	125.2	0.1	-2.3	A CN	11511
11513	4ACSR	75.8	24.9	0.0	A N	4	2	0	2	40	14	3	94	0.0	0.9	125.1	0.0	-0.1	A N	11513
114	4ACSR	82.9	24.9	0.0	A N	13	5	1	1	13	4	1	95	0.0	0.9	125.1	0.0	-1.4	A N	114
129	4ACSR	84.5	24.9	0.0	A N	24	11	2	1	24	9	2	94	0.0	0.9	125.1	0.0	-1.7	A N	129
11512	6ACWC	82.7	24.9	0.0	A N	37	16	3	5	92	36	7	93	0.2	1.1	124.9	0.1	-1.4	A N	11512
122	4ACSR	88.5	24.9	0.0	A N	17	8	1	3	56	22	4	93	0.1	1.2	124.8	0.0	-1.1	A N	122
12097	4ACSR	94.0	24.9	0.0	A N	33	14	2	2	33	13	2	93	0.0	1.2	124.8	0.0	-1.1	A N	12097
12098	4ACSR	90.6	24.9	0.0	A N	6	2	0	0	6	2	0	94	0.0	1.2	124.8	0.0	-0.4	A N	12098
373	4ACSR	63.0	24.9	0.0	A N	17	7	1	1	17	4	1	97	0.0	0.6	125.4	0.0	-1.7	A N	373
375	4ACSR	70.3	24.9	0.0	A N	1	0	0	0	1	-1	0	-44	-0.0	0.6	125.4	0.0	-1.5	A N	375
127	4ACSR	47.3	24.9	0.0	A N	6	3	0	0	6	2	0	96	0.0	2.7	123.3	0.0	-0.8	A N	127
136	6ACWC	44.7	24.9	0.0	A N	133	52	10	13	257	103	19	93	0.3	2.9	123.1	0.5	-0.6	A N	136
13611	6ACWC	50.6	24.9	0.0	A N	89	39	7	7	124	52	9	92	0.2	3.1	122.9	0.1	-1.1	A N	13611
3751	6ACWC	53.1	24.9	0.0	A N	24	11	2	1	24	10	2	92	0.0	3.1	122.9	0.0	-0.5	A N	3751
378	6ACWC	57.5	24.9	0.0	A N	12	5	1	1	12	4	1	95	0.0	3.1	122.9	0.0	-1.3	A N	378
135	6ACWC	43.6	24.9	0.0	A N	44	19	3	18	350	147	26	92	0.5	3.1	122.9	1.3	-0.1	A N	135
13511	6ACWC	48.0	24.9	0.0	A N	113	50	8	6	113	49	8	92	0.1	3.2	122.8	0.1	-0.8	A N	13511
13514	6ACWC	46.6	24.9	0.0	A N	16	7	1	10	191	79	14	92	0.2	3.3	122.7	0.3	-0.4	A N	13514
13512	6ACWC	52.3	24.9	0.0	A N	23	10	2	1	23	9	2	93	0.0	3.3	122.7	0.0	-1.1	A N	13512
13513	6ACWC	52.0	24.9	0.0	A N	83	36	6	8	152	63	11	92	0.2	3.5	122.5	0.2	-0.9	A N	13513
13515	6ACWC	55.1	24.9	0.0	A N	49	21	4	3	49	21	4	92	0.0	3.5	122.5	0.0	-0.6	A N	13515
13516	6ACWC	54.9	24.9	0.0	A N	6	3	0	1	20	7	1	94	0.0	3.5	122.5	0.0	-0.6	A N	13516
518	2ACSR	56.6	24.9	0.0	A N	14	6	1	1	14	5	1	94	0.0	3.5	122.5	0.0	-0.3	A N	518
13517	2ACSR	61.0	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	3.5	122.5	0.0	-0.9	A N	13517

Three Forks Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
13412	2ACSR	37.7	24.9	0.0	ABCN	77	34	2	1	77	33	2	92	0.0	2.4	123.6	0.0	-0.7	ABCN	13412
138	1/0ACSR	32.0	24.9	0.0	ABCN	0	-0	0	4	368	102	9	96	0.0	2.0	124.0	0.0	-0.6	ABCN	138
11312	336ACSR	37.7	24.9	0.0	ABCN	27	12	1	1	179	21	4	99	0.0	2.0	124.0	0.0	-4.7	ABCN	11312
13311	336ACSR	40.9	24.9	0.0	ABCN	16	7	0	1	151	14	3	100	0.0	2.0	124.0	0.0	-2.7	ABCN	13311
13315	336ACSR	45.3	24.9	0.0	ABCN	8	3	0	0	110	-1	2	-100	0.0	2.1	123.9	0.0	-3.7	ABCN	13315
13314	336ACSR	46.0	24.9	0.0	ABCN	102	0	2	0	102	-1	2	-100	0.0	2.1	123.9	0.0	-0.6	ABCN	13314
13312	4ACSR	45.7	24.9	0.0	A N	26	11	2	1	26	10	2	93	0.0	2.1	123.9	0.0	-0.9	A N	13312
13313	1/0ACSR	34.9	24.9	0.0	ABCN	190	83	5	2	190	81	5	92	0.0	2.0	124.0	0.1	-2.1	ABCN	13313
132	1/0ACSR	26.4	24.9	0.0	ABCN	107	47	3	2	160	66	4	92	0.0	1.4	124.6	0.0	-1.3	ABCN	132
131	4ACSR	32.0	24.9	0.0	A N	18	8	1	3	53	21	4	93	0.1	1.6	124.4	0.0	-1.1	A N	131
11399	4ACSR	37.8	24.9	0.0	A N	35	15	3	2	35	14	3	93	0.0	1.6	124.4	0.0	-1.1	A N	11399
11251	4ACSR	26.0	24.9	0.0	A N	158	69	12	8	158	69	12	92	0.1	1.3	124.7	0.1	-0.7	A N	11251
9118	4ACSR	10.4	24.9	0.0	A N	36	16	3	7	134	57	10	92	0.1	0.5	125.5	0.1	-0.6	A N	9118
8116	4ACSR	15.0	24.9	0.0	A N	89	39	6	5	89	38	6	92	0.1	0.6	125.4	0.1	-0.9	A N	8116
91181	4ACSR	11.7	24.9	0.0	A N	9	4	1	0	9	4	1	93	0.0	0.5	125.5	0.0	-0.3	A N	91181

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********** Load-Flow Results For Trapp Ckt 1 **********
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Trapp Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder				12.5	0.0	ABCN					352	152	17	92			126.0			ABCN Feeder
325		1/0ACSR	5.7	12.5	0.0	ABCN	29	15	1	7	352	152	17	92	0.4	0.4	125.6	1.0	-0.4	ABCN 325
3250		1/0ACSR	5.9	12.5	0.0	ABCN	58	5	3	2	110	32	5	96	0.0	0.4	125.6	0.0	-0.0	ABCN 3250
3251		4ACSR	11.6	12.5	0.0	A N	53	27	8	6	53	27	8	89	0.2	0.7	125.3	0.1	-0.2	A N 3251
3252		1/0ACSR	9.1	12.5	0.0	ABCN	27	14	1	5	212	106	10	89	0.1	0.5	125.5	0.2	-0.5	ABCN 3252
324		4ACSR	13.1	12.5	0.0	A N	0	0	0	9	80	40	12	90	0.5	1.1	124.9	0.3	-0.0	A N 324
312		4ACSR	20.6	12.5	0.0	A N	13	7	2	1	13	6	2	90	0.1	1.2	124.8	0.0	-0.4	A N 312
3241		4ACSR	15.3	12.5	0.0	A N	0	0	0	7	67	34	10	89	0.2	1.3	124.7	0.1	-0.0	A N 3241
3061		4ACSR	21.7	12.5	0.0	A N	23	12	3	6	53	27	8	89	0.4	1.7	124.3	0.1	-0.2	A N 3061
306		4ACSR	26.0	12.5	0.0	A N	30	15	5	3	30	15	5	89	0.1	1.8	124.2	0.0	-0.2	A N 306
3062		4ACSR	29.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.2	A N 3062
313		4ACSR	19.1	12.5	0.0	A N	14	7	2	1	14	7	2	89	0.0	1.4	124.6	0.0	-0.2	A N 313
326		4ACSR	12.5	12.5	0.0	A N	4	2	1	11	104	52	15	89	0.5	1.1	124.9	0.4	0.0	A N 326
3261		4ACSR	15.0	12.5	0.0	A N	30	16	5	3	30	15	5	89	0.1	1.2	124.8	0.0	-0.1	A N 3261
3262		4ACSR	15.8	12.5	0.0	A N	14	7	2	7	70	35	10	89	0.3	1.5	124.5	0.2	-0.1	A N 3262
3263		4ACSR	17.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-99	0.0	1.5	124.5	0.0	-0.1	A N 3263
327		4ACSR	21.8	12.5	0.0	A N	30	16	5	6	55	28	8	89	0.4	1.8	124.2	0.1	-0.2	A N 327
3271		4ACSR	28.6	12.5	0.0	A N	25	13	4	3	25	12	4	89	0.1	1.9	124.1	0.0	-0.3	A N 3271

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********** Load-Flow Results For Trapp Ckt 2 **********
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Trapp Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			12.5	0.0	ABCN					633	308	31	90			126.0			ABCN Feeder
339	336ACSR	0.9	12.5	0.0	ABCN	31	16	2	6	633	308	31	90	0.0	0.0	126.0	0.1	0.1	ABCN 339
3391	336ACSR	2.4	12.5	0.0	ABCN	25	3	1	5	517	250	25	90	0.1	0.1	125.9	0.2	0.0	ABCN 3391
3392	1/0ACSR	5.9	12.5	0.0	ABCN	49	25	2	11	492	246	24	89	0.4	0.5	125.5	1.2	0.2	ABCN 3392
3393	1/0ACSR	8.8	12.5	0.0	ABCN	15	8	1	9	396	198	20	89	0.2	0.7	125.3	0.7	-0.0	ABCN 3393
353	1/0ACSR	12.4	12.5	0.0	ABCN	53	28	3	6	270	135	13	90	0.2	0.9	125.1	0.4	-0.4	ABCN 353
3531	1/0ACSR	16.3	12.5	0.0	ABCN	29	15	1	5	217	107	11	90	0.2	1.1	124.9	0.3	-0.5	ABCN 3531
366	4ACSR	16.9	12.5	0.0	ABCN	0	0	0	3	94	46	5	90	0.0	1.1	124.9	0.0	-0.1	ABCN 366
3661	4ACSR	19.6	12.5	0.0	A N	8	4	1	1	8	4	1	90	0.0	1.3	124.7	0.0	-0.1	A N 3661
3662	4ACSR	20.2	12.5	0.0	A N	14	7	2	9	86	42	13	90	0.4	1.7	124.3	0.2	-0.0	A N 3662
3663	4ACSR	26.4	12.5	0.0	A N	33	17	5	8	72	35	11	90	0.5	2.2	123.8	0.2	-0.2	A N 3663
3711	4ACSR	30.1	12.5	0.0	A N	3	2	1	3	27	13	4	91	0.1	2.3	123.7	0.0	-0.2	A N 3711
371	4ACSR	35.1	12.5	0.0	A N	7	4	1	2	19	9	3	90	0.1	2.4	123.6	0.0	-0.2	A N 371
3710	4ACSR	40.2	12.5	0.0	A N	12	6	2	1	12	6	2	90	0.0	2.5	123.5	0.0	-0.2	A N 3710
370	6ACWC	40.7	12.5	0.0	A N	4	2	1	0	4	2	1	93	0.0	2.3	123.7	0.0	-0.5	A N 370
603	4ACSR	33.9	12.5	0.0	A N	12	6	2	1	12	6	2	90	0.1	2.2	123.8	0.0	-0.4	A N 603
365	6ACWC	19.2	12.5	0.0	A N	8	4	1	10	92	46	14	89	0.4	1.6	124.4	0.3	0.0	A N 365
3651	6ACWC	27.0	12.5	0.0	A N	34	18	5	4	34	17	5	89	0.2	1.8	124.2	0.0	-0.4	A N 3651
3652	6ACWC	26.3	12.5	0.0	A N	27	14	4	5	50	25	8	89	0.4	2.0	124.0	0.1	-0.3	A N 3652
3653	6ACWC	30.7	12.5	0.0	A N	21	11	3	2	21	10	3	89	0.1	2.0	124.0	0.0	-0.2	A N 3653
3654	6ACWC	29.5	12.5	0.0	A N	2	1	0	0	2	1	0	91	0.0	2.0	124.0	0.0	-0.2	A N 3654
342	4ACSR	10.5	12.5	0.0	A N	24	12	4	12	110	56	16	89	0.2	1.0	125.0	0.2	0.0	A N 342
3422	4ACSR	12.3	12.5	0.0	A N	18	10	3	5	50	25	7	89	0.1	1.1	124.9	0.0	-0.1	A N 3422
34221	4ACSR	15.2	12.5	0.0	A N	0	0	0	3	31	16	5	90	0.1	1.3	124.7	0.0	-0.1	A N 34221
3423	4ACSR	19.4	12.5	0.0	A N	22	11	3	2	22	11	3	89	0.1	1.3	124.7	0.0	-0.2	A N 3423
3424	4ACSR	19.3	12.5	0.0	A N	9	5	1	1	9	4	1	90	0.0	1.3	124.7	0.0	-0.2	A N 3424
3421	4ACSR	16.2	12.5	0.0	A N	36	19	5	4	36	18	5	89	0.2	1.2	124.8	0.0	-0.3	A N 3421
349	4ACSR	9.3	12.5	0.0	A N	10	5	1	5	45	22	7	89	0.2	0.7	125.3	0.1	-0.1	A N 349
3491	4ACSR	10.9	12.5	0.0	A N	17	9	3	2	17	9	3	89	0.0	0.8	125.2	0.0	-0.1	A N 3491
352	4ACSR	15.7	12.5	0.0	A N	18	9	3	2	18	9	3	90	0.1	0.8	125.2	0.0	-0.3	A N 352
323	4ACSR	5.2	12.5	0.0	A N	16	8	2	9	85	42	13	90	0.5	0.5	125.5	0.3	-0.1	A N 323
3231	4ACSR	10.4	12.5	0.0	A N	13	6	2	7	69	34	10	90	0.5	1.0	125.0	0.2	-0.1	A N 3231
311	4ACSR	15.9	12.5	0.0	A N	9	5	1	5	49	25	7	90	0.4	1.4	124.6	0.1	-0.2	A N 311
31121	4ACSR	17.5	12.5	0.0	A N	0	0	0	4	40	20	6	89	0.1	1.5	124.5	0.0	-0.1	A N 31121
305	4ACSR	26.0	12.5	0.0	A N	40	21	6	4	40	20	6	89	0.3	1.7	124.3	0.1	-0.4	A N 305
33111	4ACSR	18.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.5	124.5	0.0	-0.0	A N 33111
322	4ACSR	17.5	12.5	0.0	A N	7	4	1	1	7	3	1	91	0.0	1.1	124.9	0.0	-0.4	A N 322

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********** Load-Flow Results For Trapp Ckt 3 **********
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Trapp Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	-- 120V Base -- Accm Volt Drop	-- 120V Base -- Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					272	-47	12	-99			126.0			ABCN	Feeder
3380	336ACSR	0.9	12.5	0.0	ABCN	-0	-0	0	2	272	-47	12	-99	0.0	0.0	126.0	0.0	-0.2	ABCN	3380
338	336ACSR	2.5	12.5	0.0	ABCN	0	0	0	2	272	-47	12	-99	0.0	0.0	126.0	0.0	-0.3	ABCN	338
340	1/0ACSR	6.2	12.5	0.0	ABCN	95	-140	7	5	272	-46	12	-99	0.1	0.2	125.8	0.3	-0.4	ABCN	340
Capacitor (Wye-Gnd Connected) at Center of Section 340																				
ABCN : Nominal = 150 kvar Actual = 165 kvar																				
351	1/0ACSR	8.4	12.5	0.0	ABCN	5	3	0	3	148	77	7	89	0.1	0.2	125.8	0.1	-0.4	ABCN	351
350	1/0ACSR	13.8	12.5	0.0	ABCN	29	17	1	1	49	25	2	89	0.0	0.3	125.7	0.0	-1.0	ABCN	350
3501	1/0ACSR	18.3	12.5	0.0	ABCN	0	-0	0	0	7	1	0	98	0.0	0.3	125.7	0.0	-0.9	ABCN	3501
335	1/0ACSR	25.0	12.5	0.0	ABCN	7	4	0	0	7	3	0	92	0.0	0.3	125.7	0.0	-1.3	ABCN	335
359	1/0ACSR	21.3	12.5	0.0	ABCN	0	-0	0	0	0	-1	0	0	-0.0	0.3	125.7	0.0	-0.6	ABCN	359
336	4ACSR	29.8	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.4	125.6	0.0	-0.4	A N	336
3502	4ACSR	20.9	12.5	0.0	A N	13	8	2	1	13	7	2	86	0.1	0.5	125.5	0.0	-0.4	A N	3502
357	4ACSR	13.7	12.5	0.0	A N	31	19	5	10	94	49	14	89	0.6	0.9	125.1	0.4	-0.1	A N	357
3570	4ACSR	19.2	12.5	0.0	A N	25	15	4	7	63	30	9	90	0.4	1.4	124.6	0.2	-0.2	A N	3570
364	4ACSR	28.0	12.5	0.0	A N	38	16	5	4	38	15	5	92	0.2	1.6	124.4	0.1	-0.4	A N	364
337	4ACSR	12.4	12.5	0.0	A N	28	17	4	3	28	17	4	86	0.1	0.4	125.6	0.0	-0.3	A N	337

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********** Load-Flow Results For Van Meter Ckt 1 **********
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Van Meter Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					169	206	12	63			126.0			ABCN	Feeder
27	4ACSR	1.1	12.5	0.0	ABCN	0	-0	0	8	169	206	12	63	0.1	0.1	125.9	0.2	-0.1	ABCN	27
27000	4ACSR	7.4	12.5	0.0	A N	150	185	32	25	169	206	35	63	1.1	1.2	124.8	2.1	0.8	A N	27000
28	4ACSR	12.7	12.5	0.0	A N	9	11	2	3	17	20	4	65	0.1	1.4	124.6	0.0	-0.3	A N	28
30	4ACSR	19.5	12.5	0.0	A N	8	10	2	1	8	10	2	64	0.1	1.4	124.6	0.0	-0.3	A N	30
31	4ACSR	19.1	12.5	0.0	A N	0	0	0	0	0	-0	0	-41	-0.0	1.4	124.6	0.0	-0.3	A N	31
29	4ACSR	24.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-33	-0.0	1.4	124.6	0.0	-0.3	A N	29

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********** Load-Flow Results For Van Meter Ckt 2 **********
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Van Meter Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3105	-166	137	-100			126.0			ABCN	Feeder
26	1/0ACSR	5.4	12.5	0.0	ABCN	69	100	5	60	3105	-166	137	-100	2.4	2.4	123.6	62.9	46.5	ABCN	26
1300	1/0ACSR	10.7	12.5	0.0	ABCN	165	241	13	58	2973	-314	134	-99	2.2	4.6	121.4	59.8	44.5	ABCN	1300
1301	1/0ACSR	14.3	12.5	0.0	ABCN	1	1	0	56	2748	-599	129	-98	1.3	5.9	120.1	37.3	27.5	ABCN	1301
Regulator	REG-219A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1301																			
	ABCN : Tap = 7 RAISE																			
Regulator		14.3	12.5	0.0	ABCN				59	2710	-628	129	-97	-5.5	0.4	125.6	-0.0	0.0	ABCN	Regulator
13011	1/0ACSR	14.6	12.5	0.0	ABCN	13	19	1	5	153	222	12	57	0.0	0.4	125.6	0.0	-0.1	ABCN	13011
1302	1/0ACSR	15.4	12.5	0.0	AB N	64	93	7	7	140	203	16	57	0.0	0.5	125.5	0.1	-0.0	AB N	1302
1303	1/0ACSR	16.8	12.5	0.0	A N	76	110	18	8	76	110	18	57	0.1	0.8	125.2	0.1	-0.0	A N	1303
13012	1/0ACSR	14.6	12.5	0.0	ABCN	0	0	0	52	2557	-849	119	-95	0.1	0.5	125.5	3.4	2.5	ABCN	13012
1305	1/0EPR	15.3	12.5	0.0	A N	40	58	9	8	66	96	15	57	0.2	0.9	125.1	0.1	0.1	A N	1305
1304	1/0EPR	15.6	12.5	0.0	A N	26	37	6	3	26	37	6	57	0.0	0.9	125.1	0.0	-0.0	A N	1304
13151	1/0ACSR	15.0	12.5	0.0	ABCN	0	0	0	51	2488	-947	118	-93	0.1	0.6	125.4	3.0	2.2	ABCN	13151
1306	1/0EPR	15.2	12.5	0.0	A N	8	12	2	12	103	150	24	57	0.2	1.0	125.0	0.1	0.1	A N	1306
1307	1/0EPR	15.6	12.5	0.0	A N	31	46	7	7	63	92	15	57	0.1	1.1	124.9	0.1	0.0	A N	1307
1310	1/0EPR	16.1	12.5	0.0	A N	32	46	8	4	32	46	7	57	0.0	1.1	124.9	0.0	-0.0	A N	1310
1332	1/0EPR	15.7	12.5	0.0	A N	32	46	7	4	32	46	7	57	0.0	1.0	125.0	0.0	-0.0	A N	1332
13161	1/0ACSR	15.4	12.5	0.0	ABCN	13	18	1	51	2381	-1100	116	-91	0.1	0.7	125.3	3.4	2.5	ABCN	13161
13171	1/0ACSR	15.6	12.5	0.0	ABCN	7	11	1	50	2272	-1255	115	-88	0.0	0.7	125.3	1.9	1.4	ABCN	13171
13181	1/0ACSR	15.8	12.5	0.0	ABCN	-0	-0	0	50	2263	-1267	115	-87	0.0	0.8	125.2	1.5	1.1	ABCN	13181
13141	1/0ACSR	16.9	12.5	0.0	ABCN	27	39	2	50	2212	-1341	115	-86	0.2	1.0	125.0	9.1	6.7	ABCN	13141
13143	1/0ACSR	17.1	12.5	0.0	ABCN	-0	-0	0	50	2176	-1387	115	-84	0.0	1.0	125.0	2.3	1.7	ABCN	13143
13131	1/0ACSR	17.5	12.5	0.0	ABCN	-0	-0	0	16	825	-219	38	-97	0.0	1.0	125.0	0.3	0.2	ABCN	13131
1309	1/0ACSR	17.6	12.5	0.0	ABCN	4	6	0	2	71	103	6	57	0.0	1.0	125.0	0.0	-0.0	ABCN	1309
1308	1/0ACSR	19.7	12.5	0.0	A N	66	96	16	7	66	96	16	57	0.1	1.4	124.6	0.1	-0.0	A N	1308
1329	1/0ACSR	20.4	12.5	0.0	ABCN	184	-324	17	16	753	-322	36	-92	0.2	1.3	124.7	1.9	1.0	ABCN	1329
Capacitor	(Wye-Gnd Connected) at Center of Section 1329																			
	ABCN : Nominal = 300 kvar Actual = 325 kvar																			
1330	1/0EPR	20.8	12.5	0.0	ABCN	564	-0	25	13	565	1	25	100	0.1	1.4	124.6	1.4	1.4	ABCN	1330
13142	1/0ACSR	18.0	12.5	0.0	ABCN	5	-0	0	34	1349	-1170	79	-76	0.1	1.1	124.9	3.4	2.4	ABCN	13142
131421	1/0ACSR	18.2	12.5	0.0	ABCN	-0	-650	29	34	1318	-1172	78	-75	0.0	1.1	124.9	0.8	0.5	ABCN	131421
Capacitor	(Wye-Gnd Connected) at Center of Section 131421																			
	ABCN : Nominal = 600 kvar Actual = 650 kvar																			
13261	1/0ACSR	18.8	12.5	0.0	ABCN	28	-610	27	27	1317	-522	63	-93	0.1	1.2	124.8	1.2	0.8	ABCN	13261
Capacitor	(Wye-Gnd Connected) at Center of Section 13261																			
	ABCN : Nominal = 600 kvar Actual = 650 kvar																			
13241	1/0ACSR	19.1	12.5	0.0	ABCN	13	19	1	6	281	82	13	96	0.0	1.2	124.8	0.0	-0.0	ABCN	13241
13231	1/0ACSR	19.2	12.5	0.0	ABCN	224	0	10	5	268	64	12	97	0.0	1.2	124.8	0.0	-0.0	ABCN	13231
13222	1/0EPR	20.2	12.5	0.0	A N	37	54	9	4	37	54	9	57	0.1	1.6	124.4	0.0	-0.0	A N	13222
13232	4ACSR	19.6	12.5	0.0	A N	6	9	1	1	6	9	1	57	0.0	1.5	124.5	0.0	-0.0	A N	13232
13251	1/0ACSR	20.1	12.5	0.0	ABCN	1002	2	45	19	1005	5	45	100	0.1	1.3	124.7	3.1	2.9	ABCN	13251
13281	1/0ACSR	18.5	12.5	0.0	ABCN	22	0	1	0	22	-0	1	-100	0.0	1.1	124.9	0.0	-0.1	ABCN	13281
13201	1/0EPR	16.5	12.5	0.0	A N	50	72	12	6	50	72	12	57	0.1	1.1	124.9	0.0	0.0	A N	13201
13191	2ACSR	16.2	12.5	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	1.0	125.0	-0.0	-0.0	A N	13191
1333	1/0EPR	15.6	12.5	0.0	ABCN	0	0	0	4	93	135	7	57	0.0	0.7	125.3	0.0	-0.0	ABCN	1333
1334	1/0EPR	16.0	12.5	0.0	ABCN	22	33	2	4	93	135	7	57	0.1	0.8	125.2	0.0	-0.0	ABCN	1334
1312	1/0EPR	16.7	12.5	0.0	ABCN	70	102	6	3	70	102	5	57	0.0	0.8	125.2	0.1	-0.1	ABCN	1312
1335	1/0EPR	16.2	12.5	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	1.0	125.0	-0.0	-0.0	A N	1335

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********** Load-Flow Results For Van Meter Ckt 3 **********
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Van Meter Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1691	1760	108	69			126.0			ABCN	Feeder
	25	1/0ACSR	6.4	12.5	0.0	ABCN	49	63	4	47	1691	1760	108	69	3.0	3.0	123.0	45.7	33.3	ABCN	25
	1325	1/0ACSR	11.2	12.5	0.0	ABCN	70	90	5	45	1596	1663	104	69	2.1	5.1	120.9	31.4	22.9	ABCN	1325
	17	1/0ACSR	13.7	12.5	0.0	ABCN	96	92	6	43	1494	1550	99	69	1.1	6.2	119.8	15.0	10.9	ABCN	17
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 17																				
	ABCN : Tap = 8 RAISE																				
C	Regulator			12.5	0.0	ABCN				93	1383	1446	93	69	-6.0	0.2	125.8	0.0	0.0	ABCN	Regulator
	15	1/0ACSR	14.9	12.5	0.0	ABCN	77	98	6	37	1348	1402	86	69	0.4	0.6	125.4	5.1	3.7	ABCN	15
	13	1/0ACSR	19.7	12.5	0.0	ABCN	50	65	4	26	987	951	61	72	1.2	1.8	124.2	10.6	7.1	ABCN	13
	1319	1/0ACSR	24.3	12.5	0.0	ABCN	45	57	3	25	925	879	57	72	1.1	3.0	123.0	9.2	6.1	ABCN	1319
	1328	1/0ACSR	25.5	12.5	0.0	ABCN	16	21	1	23	850	789	52	73	0.3	3.2	122.8	2.0	1.3	ABCN	1328
	9001	1/0ACSR	31.6	12.5	0.0	ABCN	157	1	7	17	632	598	39	73	1.0	4.2	121.8	5.9	3.5	ABCN	9001
	Capacitor (Wye-Gnd Connected) at Center of Section 9001																				
	ABCN : Nominal = 150 kvar Actual = 156 kvar																				
	90011	1/0ACSR	35.7	12.5	0.0	ABCN	25	32	2	15	469	593	35	62	0.6	4.8	121.2	3.0	1.5	ABCN	90011
	1	1/0ACSR	43.1	12.5	0.0	ABCN	66	85	5	13	413	524	31	62	0.9	5.7	120.3	4.0	1.7	ABCN	1
L	1326	4ACSR	51.7	12.5	0.0	A N	96	124	22	16	97	124	22	62	0.9	8.1	117.9	1.1	0.2	A N	1326
	1327	1/0ACSR	48.3	12.5	0.0	ABCN	46	60	4	8	244	311	18	62	0.4	6.1	119.9	1.0	-0.2	ABCN	1327
	1324	4ACSR	50.1	12.5	0.0	A N	111	143	26	18	111	143	26	62	0.2	7.9	118.1	0.3	0.1	A N	1324
	13271	4ACSR	50.1	12.5	0.0	A N	82	106	19	14	83	106	19	62	0.2	7.9	118.1	0.2	0.0	A N	13271
	90012	4ACSR	41.9	12.5	0.0	A N	27	35	6	4	27	34	6	62	0.2	6.2	119.8	0.1	-0.3	A N	90012
	11	4ACSR	28.9	12.5	0.0	A N	3	4	1	25	197	167	35	76	1.2	5.2	120.8	2.2	1.0	A N	11
	1320	4ACSR	33.5	12.5	0.0	A N	13	17	3	2	13	17	3	62	0.1	5.2	120.8	0.0	-0.2	A N	1320
	7	4ACSR	36.6	12.5	0.0	A N	87	32	13	23	179	145	32	78	1.9	7.1	118.9	2.9	1.2	A N	7
	1322	4ACSR	40.9	12.5	0.0	A N	44	56	10	14	89	112	20	62	0.6	7.7	118.3	0.6	0.1	A N	1322
L	1323	4ACSR	48.7	12.5	0.0	A N	38	48	9	7	44	56	10	62	0.4	8.1	117.9	0.2	-0.2	A N	1323
L	10	4ACSR	54.6	12.5	0.0	A N	7	8	2	1	7	8	1	63	0.0	8.1	117.9	0.0	-0.3	A N	10
	12	4ACSR	34.5	12.5	0.0	A N	21	27	5	3	21	27	5	62	0.2	3.9	122.1	0.1	-0.5	A N	12
	20	4ACSR	18.5	12.5	0.0	ABCN	120	155	9	14	279	348	20	63	0.4	1.0	125.0	1.8	0.1	ABCN	20
	1313	4ACSR	24.8	12.5	0.0	ABCN	34	43	2	8	157	193	11	63	0.4	1.4	124.6	1.0	-0.8	ABCN	1313
	1314	1/0ACSR	26.4	12.5	0.0	ABCN	3	4	0	4	122	150	9	63	0.1	1.5	124.5	0.1	-0.2	ABCN	1314
	1315	4ACSR	33.3	12.5	0.0	A N	29	37	6	5	29	37	6	62	0.2	2.7	123.3	0.1	-0.3	A N	1315
	1316	1/0ACSR	29.2	12.5	0.0	ABCN	0	-0	0	3	89	109	6	63	0.1	1.6	124.4	0.1	-0.5	ABCN	1316
	21	4ACSR	35.8	12.5	0.0	A N	2	3	0	0	2	2	0	66	0.0	2.6	123.4	0.0	-0.3	A N	21
	22	4ACSR	38.1	12.5	0.0	ABCN	42	54	3	4	86	107	6	63	0.3	1.9	124.1	0.5	-1.4	ABCN	22
	1318	4ACSR	44.2	12.5	0.0	ABCN	6	8	0	2	44	54	3	63	0.1	2.0	124.0	0.1	-1.0	ABCN	1318
	23	4ACSR	51.9	12.5	0.0	A N	37	47	8	6	37	47	8	62	0.3	3.6	122.4	0.1	-0.3	A N	23
	1317	4ACSR	31.7	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	1.6	124.4	0.0	-0.4	ABCN	1317
	16	4ACSR	17.8	12.5	0.0	A N	34	44	7	5	34	43	7	62	0.1	0.8	125.2	0.1	-0.2	A N	16

CLARK ENERGY
COOPERATIVE

1999-2003 Construction Work Plan

Clark Energy Cooperative, Inc.
Winchester, KY
Kentucky 49

1999-2003 Construction Work Plan

July 1, 1999 - June 30, 2003

Clark Energy Cooperative Inc. (KY 49)

Engineering Department

Winchester, Kentucky

United States Department of Agriculture
Rural Economic and Community Development
Rural Utilities Service
Washington, DC 20250

July 23, 1999

1999-2003 Construction Work Plan (CWP)

Overt Carroll, President & CEO
Clark Energy Cooperative, Inc.

I have completed my review of the cooperative's 1999-2003 CWP, which was prepared by the Clark Engineering Staff, and find it to be generally satisfactory for loan contract purposes. Approval to proceed with the proposed distribution and transmission system construction is contingent upon RUS's review and approval of a Borrower's Environmental Report (BER) (reference 7 CFR 1794).

Headquarters, SCADA, and load management projects will be reviewed/approved by the Northern Regional Division office, as necessary. This action will be taken after their receipt of the CWP and other supporting documents (i.e., appropriate feasibility and engineering studies).

You should make a special effort to inform all of the cooperative's employees and contractors, involved in the construction of utility plant of any commitments made in the BER covering the construction of the facilities recommended in the CWP.

Changes (line improvements, tie lines, extensions, substations, etc.) in the CWP will require RUS approval. The environmental acceptability of any such changes shall also be established in accordance with 7 CFR 1794. The procedure for satisfying these environmental requirements shall be the same as that used in connection with this CWP approval.

It is your responsibility to determine whether or not loan funds and/or general funds are available for the proposed construction. If general funds are used, the requirements as outlined in 7 CFR 1717 need to be followed.

The construction shall be accomplished in accordance with RUS requirements. Specific reference should be made to 7 CFR 1726, Electric System Construction Policies and Procedures.

Mike Norman
RUS Field Representative

CLARK ENERGY COOPERATIVE CORPORATION

RESOLUTION NO. 99-

A RESOLUTION OF THE BOARD OF DIRECTORS OF CLARK ENERGY COOPERATIVE CORPORATION APPROVING A FOUR YEAR CONSTRUCTION WORK PLAN FOR THE PERIOD JULY 1, 1999 TO JUNE 30, 2003 AS PREPARED BY R. W. BECK AND ASSOCIATES IN THE AMOUNT OF $17,786,388

WHEREAS, R. W. Beck and Associates have prepared a four (4) year construction work plan for Clark Energy Cooperative Corporation covering the period from July 1, 1999 to June 30, 2003, and

WHEREAS, the Board of Directors of Clark Energy Cooperative Corporation has reviewed the work plan as prepared by R. W. Beck and Associates and deems it in the best interest of the Cooperative to approve same,

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Clark Energy Cooperative Corporation that the four (4) year construction work plan presented to the Board of Directors of Clark Energy Cooperative Corporation as prepared by R. W. Beck and Associates for the period from July 1, 1999 to June 30, 2003, be, and the same is hereby approved as a plan of action to be followed until amended with the approval of RUS.

Introduced upon motion made by Director Shearer, seconded by Director Curry, and passed by unanimous vote of the Board of Directors of Clark Energy Cooperative Corporation, in duly session assembled, this 29th day of June, 1999.

Virgil A. Gunter

CHAIRMAN OF THE BOARD

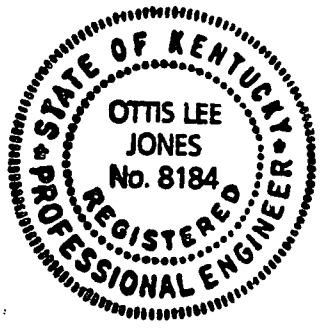
Clark Energy Cooperative, Inc. (KY 49)
Winchester, Kentucky

R·W·BECK

CONSTRUCTION WORK PLAN

I hereby certify that this Construction Work Plan was prepared under my direct supervision and that I am a duly registered professional engineer under the laws of the State of Kentucky.

Ottis L. Jones, P.E.
Director of Client Services
Nashville Office



Date: July 21, 1999

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1999-2003 Construction Work Plan

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1999-2003 Construction Work Plan

1 Executive Summary

Clark Energy Cooperative Inc., KY 49, (Clark) provides electric service to consumers within Central and East Central Kentucky. A goal of Clark's current strategic plan is to improve service reliability and provide quality electric power. A 1999-2003 Construction Work Plan (CWP) is proposed recommending a program of system improvements consistent with the goals of the strategic plan. The proposed program of construction is designed to serve distribution system needs of existing and new customers through summer 2002 and winter 2002-2003.

System improvement needs are investigated from an analysis developed to review adequacy of the distribution system at summer and winter design loads. Design loads for analysis of distribution system needs is 85.59-Megawatt (MW) and 107.46 MW for summer and winter respectively. Clark's distribution system is modeled with Gentry Systems' GenMAP™ and Stoner Associates' Distribution Primary Analysis -Graphics™ (DPA/G) software. Data necessary for the CWP analysis is obtained from a variety of billing and mapping databases, system peak demand histories and the 1998 Power Requirements Study (PRS). The program of recommended CWP distribution improvements is consistent with preferred long-term system needs developed within Clark's current 1991 Long-Range Plan (LRP). Design criteria are used to assess the adequacy of the distribution system and development of CWP recommendations. Protective coordination and fault studies are routinely prepared as part of an ongoing sectionalizing program to assess and improve distribution reliability. A listing of appropriate design criteria used in development and preparation of the CWP is summarized in Table No. 1.

Table No. 1
Distribution Primary System Design Criteria Requirements

Description	Criteria and/or Description
Voltage Levels	Maintain max. 8-Volt drop or 118 min. level based on 126-Volt bus.
Conductor Loading	Economic conductor loading analysis and long-range plans shall be reviewed prior to selecting primary conductors for all major construction. System improvements are reviewed when conductor loading exceeds 85% of thermal rating.
Losses and Power Factor	Capacitor banks are installed considering losses and wholesale power factor billing.
Sectionalization	On-going studies assess the adequacy of protective coordination schemes as loads and fault currents change. See Table No. 8 for expanded criteria.
Service Reliability	Service interruptions not to exceed 3 hours per consumer per year are a goal.
Conductor Replacements	Conductors found to be in poor condition or possessing an excessive number of splices are replaced.

The CWP anticipates other needs in addition to distribution system improvements required to serve a projected design load. Distribution equipment such as capacitors, reclosers and switches are included to improve summer power factor and sectionalization. A majority of CWP costs, however, involves routine activities such as new service construction, service upgrades, pole and conductor replacements, meters, transformers and security lights. A summary of projected 1998-2003 CWP costs is provided within Table No. 2. The recommended program of CWP system improvements and cost estimates is presented within Section 4, Proposed Construction Program.

Table No. 2
Summary of 1999-2003 Construction Work Plan

Category	Quantity/Miles	Cost
New Services	5150	$7,748,850
Service Upgrades	800	$409,600
New Security Lights	1600	$302,400
Pole Replacements	1700	$1,235,900
Conductor Replacements	6.32 miles	$405,615
New Meters	5600	$632,800
New Transformers	3200	$2,585,600
System Improvements	172.68 miles	$3,654,623
Distribution Equipment, i.e.		
Reclosers	145	$776,000
Capacitors	16	$40,000
Switches	12	$60,000
Total 1999-2003 Construction Work Plan Cost		$17,786,388

2 Review of Existing System

Assessing the present distribution system provides an opportunity to review many engineering and operating activities. Key areas to review include general system statistics, operations and maintenance surveys, recent transmission and substation activities and the status of the 1996-1998 CWP. A review of Clark's current 1991 Long-Range Plan similarly provides an opportunity to assess long term requirements of the distribution system.

2.1 General System Statistics

Clark provides service to about 22,500 customers located predominantly within the counties of Clark, Montgomery, Bath, Menifee, Powell, Madison and Bourbon. Portions of the counties of Fayette, Rowan, Morgan, Wolfe and Estill are also served. Service to Clark's consumers is provided through about 2,700 circuit miles of distribution plant. Table No. 3 on the next page illustrates general system statistics for ten years over the 1989-1998 interval.

Table No. 3
General System Operating Statistics

Description	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Distribution Plant (Miles)	2,675	2,638	2,597	2,563	2,533	2,501	2,478	2,458	2,434	2,408
Avg. Customers Served	21,901	21,138	20,363	19,743	19,014	18,411	17,810	17,218	16,875	16,490
Residential (kWh/Mo.)	949	942	967	922	893	934	858	875	849	835
Energy Purchased (MWh)	337,162	321,396	323,310	296,611	277,933	274,687	252,997	248,153	235,946	228,653
Energy Sold (MWh)	315,476	301,192	299,069	278,000	257,858	256,858	233,196	227,369	217,406	210,788
Percent System Losses	6.43%	6.29%	7.50%	6.27%	7.22%	6.49%	7.66%	8.18%	7.64%	7.59%

2.2 Operations and Maintenance Survey

The frequency of severe storms throughout Clark's service area is an important factor affecting the overall magnitude of indices used to measure service outages or interruptions. Fewer service outages in years not frequented by severe weather are attributed to Clark's continuing O&M program. Service outages occurring in years with severe weather would have been more extensive without Clark's O&M program. Table No. 4 below illustrates indices measuring customer service outage frequency over the past ten years. RUS generally regards an annual average of five hours of outages per customer per year to be an acceptable indicator of reliability. Clark's reliability goal, however, is to achieve at least three hours of outages per customer per year or better although the current five-year average (1994-1998) of total service outages is 10.51 hours per customer. The high value of the current five-year outage index is attributed to two severe ice storms (Feb-Mar 1994) and a major snowstorm (March 1998). Clark's five-year (1994-1998) average without major storms is only 2.49 hours per customer.

Table No. 4
Service Interruption Hour Per Consumer Data

Year	EKPC Outages	Scheduled Outages	Unscheduled Outages	Extreme Storms	Total w/ Storms	Total w/o Storms
1989	1.45	1.60	0.62	0.00	3.67	3.67
1990	0.18	0.22	2.03	0.00	2.42	2.42
1991	0.00	0.14	5.67	0.00	5.81	5.81
1992	0.77	0.11	1.72	0.00	2.60	2.60
1993	0.32	0.05	2.10	0.00	2.47	2.47
1994	0.82	0.00	3.59	27.17	31.58	4.41
1995	0.10	0.01	1.30	0.23	1.64	1.41
1996	0.74	0.01	1.41	0.00	2.16	2.16
1997	0.13	0.01	1.49	0.00	1.63	1.63
1998	0.78	0.00	2.05	12.69	15.52	2.83
5-Year Avg	0.51	0.01	1.97	8.02	10.51	2.49

Notes: Extreme storms not reported separately before 1994. 1994 and 1998 extreme storms are attributed to two severe ice storms in Feb-Mar 1994 and a major snowstorm in March 1998.

Clark's right-of-way program schedules clearing on a four-year system rotation. Five to seven contract right-of-way crews have been employed over the past several years. A herbicide application program complements clearing efforts to improve right-of-way management. The objective of Clark's pole inspection and treatment program is to extend the service life of pole plant and identify needed replacements. Pole inspection and treatment is conducted on ten percent of plant each year with the entire system scheduled on a ten-year rotation. About 2-5 percent of the nearly 5,000 poles inspected annually require replacement. About 100 replacements remaining from the winter 1998-1999 program is included within the CWP pole replacement program. Similarly, an objective of Clark's line inspection program is to identify aging circuit conductors for replacement. Over 6.3-miles of overhead conductor is scheduled for replacement within the CWP. An additional 26-miles of overhead conductor will be replaced during construction of proposed CWP conversion projects. Alternately, about six-miles of overhead conductor is recommended for replacement each year within the 1991 Long-Range Plan.

Ongoing assessment of protective coordination and thermal ratings of distribution equipment are necessary as load growth continues. Sectionalizing studies establish design fault currents to review the adequacy of sectionalizing schemes. A sectionalizing scheme must protect distribution network equipment and components from excessive overcurrent and/or over voltage conditions. A properly designed scheme attempts to limit sectionalization to relatively small areas while maintaining service to the greatest number of customers. Load data is regularly obtained from key sectionalizing and regulation points to assess protection schemes and service reliability. Improvements to distribution circuits and/or equipment is reviewed and evaluated in areas where customers experience frequent service outages.

The right-of-way, pole treatment, line patrol and sectionalizing programs provide an opportunity to regularly inspect distribution facilities. An annual aerial survey of half the distribution system similarly searches for deficiencies that are not practical or cannot be observed with longer-term right-of-way and pole inspection programs. Monthly meter reading similarly reports instances of possible service tampering and potential hazards. Ongoing maintenance of distribution equipment such as reclosers, regulators and capacitor banks complements system inspection programs.

2.3 Transmission and Substation Facilities

East Kentucky Power Cooperative (EKPC) provides Clark 7.2/12.47 kV and 14.4/24.9 kV service to eighteen substation delivery points. Transmission facilities serving delivery points are primarily owned by EKPC. Kentucky Utilities (KU) provides contingency transmission service for two EKPC radial transmission taps serving Van Meter (2.91 miles) and Cave Run (1.1 miles) Substations. KU similarly provides 12.47 kV service to the EKPC A.O. Smith autotransformer bank delivery point which provides 24.9 kV service to Clark's distribution system. A.O. Smith lies at the end of EKPC's 0.83-mile circuit from an adjacent KU substation. The EKPC circuit is a standard 69 kV rated design, but operates at 12.47 kV. A recently installed normally open intertie with KU now provides contingency transmission

service for all but one mile of the 10.1 mile radial transmission tap serving Mt. Sterling Substation. All delivery point transmission facilities are rated 69 kV except for Three Forks Substation, which is 138 kV. Similarly, all other substations providing wholesale service to Clark are served by transmission facilities with single contingency service.

EKPC has recently upgraded 138 kV transmission facilities within Clark's service area to improve contingency service between area generation and transmission substation facilities. A 25.82-mile circuit between EKPC's Dale Power Station and Powell County Transmission Substation was completed in 1992. A 15.17-mile circuit between EKPC's J.K. Smith Power Station and KU's Fawkes Transmission Substation in Madison County, KY was similarly completed in 1995. Another 15-mile 138 kV circuit is planned by 2002 between EKPC's J.K. Smith Power Station and KU's Lake Reba Transmission Substation in Madison County, KY. Although improving EKPC's bulk transmission system, these 138 kV facilities are important to maintain contingency service for local subtransmission facilities throughout Clark's service area. The EKPC Dale to Powell County and J.K. Smith to Lake Reba 138 kV circuits may serve distribution substation delivery points when required in the future.

Substation additions and upgrades have recently been completed or are planned to ensure that transformer capacity will be adequate at all delivery points through winter 2002-2003. Jeffersonville, Trapp and Reid Village Substations were placed into service during 1996, 1997 and 1998 respectively. Evaluations prepared by Clark recommending construction of the Rockwell and Blevins Valley Substations have recently been approved by EKPC. Rockwell Substation is located in Clark County, KY and will assume a portion of Van Meter Substation's load. Blevins Valley Substation is located in Bath County, KY and will assume a portion of Hope Substation's load. Both are anticipated to be energized mid- to late-2000. All new or planned substations are least cost options, defer distribution improvements within their respective service areas and are consistent with LRP recommendations and/or design criteria. Similarly, all new or planned substations limit circuit exposure to improve reliability, protective coordination, sectionalization and provide contingency switching options. Load transfers to recently added or planned substations from existing delivery points are illustrated within Tables No. 6 and 7 on pages 9-10.

Few changes and/or upgrades are required among existing substations through the CWP period. A capacity upgrade or a new substation will be evaluated at A.O. Smith since the autotransformer bank load may reach maximum rating by summer 2003. The future of Sand Lick Substation will be jointly evaluated with EKPC in 1999. Sand Lick is located in a very isolated area of difficult terrain and formerly served many small oil and gas pumping facilities that have been retired from service. Finally, installation of 5 MVA 12.47/24.9 kV step-up autotransformer banks by EKPC is planned at the Hope and Mariba substations to accommodate 24.9 kV voltage conversion projects within the 1999-2003 CWP. A review of proposed voltage conversion projects is provided in Section 4.4, System

Improvements. Similarly, a review of possible future substation evaluations is provided in Section 2.5, Review of 1991 Long-Range Plan.

2.4 Status of 1996-1998 Construction Work Plan

The focus of most 1996-1998 CWP activity included service-related work, pole replacements, new meters and transformers and security lights. Other areas of activity included system improvements, ongoing sectionalization and conductor replacement projects. Installation of planned sectionalization, voltage regulation and capacitor equipment were completed although sectionalization is an ongoing program. Most system improvements and conductor replacement projects were similarly completed although others were deferred because of cash flow concerns and other developments during 1997-1998. Specifically, system improvement projects 301 and 302 were deferred because of a proposed state highway relocation and development of the Blevins Valley Substation evaluation respectively. Both projects will proceed, however, and are recommended within the 1999-2003 CWP. Much of the underground primary conductor replacement in project code 307 was completed and additional work is recommended within the 1999-2003 CWP. Two other small underground replacement projects (codes 306 and 308) deferred because of cash flow concerns are included in the 1999-2003 CWP. All other system improvements have been completed. The status of all 1996-1998 CWP system improvements is summarized within Table No. 5 below.

Table No. 5
Status of 1996-1998 Construction Work Plan
Summary of System Improvement Projects

Code	Project	CWP Cost	Actual Cost	Comments
301	Denniston Conversion	$131,073	$0	Deferred because of pending highway relocation. Code 301 in current CWP.
302	Blevins Valley Conversion	$131,073	$0	Deferred because of Blevins Valley Substation evaluation. Code 305 in current CWP.
303	Mt. Sterling Voltage Conversion	$227,063	$262,273	Completed.
304	Maple Street Conversion	$54,669	$87,648	Completed.
305	Clintonville Conversion	$173,543	$114,965	Completed.
306	Rockwell UD Replacement	$31,680	$0	Deferred because of cash flow concerns. Code 320 in current CWP.
307	Twin Knobs UD Replacement	$269,280	$53,767	Partially completed. Code 321 in current CWP.
308	Van Village UD Replacement	$1,056	$0	Deferred because of cash flow concerns. Code 322 in current CWP.

2.5 Review of 1991 Long-Range Plan

Clark's 1991 Long-Range Plan (LRP) is a guide for economically developing a reliable distribution system at the least cost. A variety of transmission, substation and distribution alternatives with similar reliability are developed within the LRP to satisfy future system needs as load growth approaches the design load. The preferred plan within the 1991 LRP consists of the least cost combination of voltage conversions, circuit conversions and new substations. Recommended system improvements and new substations are constructed at appropriate times coinciding with capacity needs to serve anticipated LRP design loads. LRP assumptions have been periodically reviewed and revised as necessary with each new PRS before preparation of any CWP's and new substation evaluations. An ongoing LRP review and revision process assures that satisfying current needs are consistent with the long-term goal of developing the least cost and reliable distribution system.

The 1991 LRP is based on requirements to adequately serve a 111.82-Megawatt (MW) design load by 2009. A seasonal winter load of 127.33 MW, however, is anticipated within the 1998 PRS by winter 2008-2009. Alternately, the 1999-2003 CWP anticipates a 107.46 MW design load for unseasonably cold weather by winter 2002-2003. Actual system growth will soon exceed the 1991 LRP design load and a new LRP is scheduled for preparation in 2000 to guide for future distribution system expansion. Voltage conversion projects recommended in the 1999-2003 CWP fulfill a 1991 LRP projection that about half the distribution system be operated at 24.9 kV as growth approached the LRP design load. Similarly, all four substations recommended within the 1991 LRP have been constructed and placed into service by EKPC. A total of seven new substations since 1992 will have been constructed and placed into service by the end of 2000.

Development of a preferred expansion plan in the 2000 LRP will be based on a variety of design criteria including voltage levels, economic circuit loading, reliability and economics. The preferred plan will consist of a least cost combination of voltage conversion, circuit upgrades and substation projects to address long-term distribution system needs beyond the 1999-2003 CWP. Voltage conversion is generally an economical option compared with other system improvement alternatives on distribution systems experiencing growth like Clark's. The long-term economics of voltage conversion, however, depends on how 7.2 kV rated distribution transformers are replaced with 14.4 kV units. Conversion to 24.9 kV is economical so long as replacement of 7.2 kV rated transformers coincides with 7.2 kV rated units needed elsewhere on the distribution system.

The future addition of at least seven substations has been identified as alternatives to be evaluated within the 2000 LRP. Future substations likely to be constructed soon after development of the 2000 LRP include Olympia Springs Substation in Bath County, Union City Substation in Madison County and Hardwicks Creek Substation in Powell County. Other substations with longer planning horizons to be evaluated within the 2000 LRP include Jones Nursery and Miller Hunt Substations in Clark County, Long Branch Substation in Montgomery County and Dan Ridge Substation in Menifee County.

3 Preparation of CWP Design

Preparation of the CWP depends on the development and application of a variety of design criteria. Design criteria are essential to prepare the necessary system models to assess distribution needs and propose recommendations. Preparing CWP system models requires the development of system design loads and demand allocations to individual substation delivery points. Consideration of appropriate operational, sectionalizing and economic criteria offers a consistent evaluation of system requirements and necessary distribution improvements.

3.1 System Design Load

The 1999-2003 CWP winter and summer design loads are derived from a review of new customer growth projected in the 1998 PRS and a statistically significant time series multiple regression model of seasonal variation and trend. A review of historical system data illustrates that Clark's winter peak demand exhibits more variability than summer peak demand. A time series multiple regression model is a useful tool for anticipating variations in winter and summer peak demand supplementing the 1998 PRS. The 95 percent prediction limit of the multiple regression approach coincides well with variations in historical winter peaks. Similarly, the model fit of the multiple regression approach coincides well with variations in historical summer peaks. So, CWP design loads are based on 95 percent prediction limits for winter and forecast fits for summer using the multiple regression model. This approach yields a projected 85.59 MW demand by summer 2002 and a projected 107.46 MW demand by winter 2002-2003. Results of the multiple regression model approach are statistically significant and they compare favorably with the 1998 PRS. A summary of historical system peak winter demand by substation over 1989-1998 and projections of winter design load by substation for the 1999-2003 CWP is provided in Table No. 6 on page 9. Similarly, a summary illustrating system peak summer demands is provided in Table No. 7 on page 10.

3.2 Substation Demand Allocations

Winter and summer CWP design loads are used to allocate anticipated noncoincident peak system demand among individual substation delivery points. The relative growth allocation factor of a specific substation is the ratio of load growth of the particular station to total system growth. A compounded growth rate is then developed for each substation to project individual substation demands. The sum of winter and summer substation demands is the system CWP design loads for winter and summer respectively. Demand loading allocations developed for each substation for winter and summer CWP design loads are illustrated within Tables No. 6-7 on pages 9-10. The base and extended MVA rating of power transformer(s) at each substation and their percent loading at the winter and summer design loads are included within the tables. No substations are anticipated to exceed rated capacity through the period of the 1999-2003 CWP. A substation load for 1999-2019 using results of the time series multiple regression model and the 1998 PRS for both winter and summer is provided within Section 5, Appendix.

Table No. 6
Historical Winter and Projected Winter Design Loading in Megawatts (MW)

Delivery Point	1989-1990	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995	1995-1996	1996-1997	1997-1998	1998-1999	Rated MVA	Max Rating	2002-2003	% Loading
A.O. Smith	1.26	1.25	1.47	1.31	1.37	1.58	1.90	1.87	1.81	2.12	3.00	4.48	2.66	59%
Blevins Valley											5.60	8.35	3.36	40%
Bowen	2.66	2.51	2.64	2.78	3.31	3.29	3.32	3.34	3.42	3.50	5.00	7.47	4.27	57%
Cave Run	0.88	0.76	0.91	0.95	1.31	1.07	1.55	1.30	1.19	1.46	2.00	2.99	1.84	61%
Clay City	5.54	4.69	4.52	6.83	8.41	7.60	8.56	8.30	8.47	9.59	11.20	18.14	11.66	64%
Frenchburg	5.74	5.35	5.89	6.82	8.44	7.06	5.71	5.77	5.18	6.40	11.20	18.14	8.02	44%
Hope	5.81	5.11	4.49	5.51	6.83	5.94	7.43	5.58	4.86	6.25	6.44	8.35	4.57	55%
Hunt	15.05	13.36	14.29	8.88	11.42	9.39	11.15	10.82	7.65	9.44	14.00	18.14	11.55	64%
Jeffersonville								3.38	3.43	4.08	5.60	8.35	5.18	62%
Mariba							3.08	3.21	2.95	3.72	5.60	8.35	4.66	56%
Mt. Sterling	6.52	5.88	6.35	5.96	7.73	6.71	8.15	7.04	5.69	4.11	11.20	18.14	5.06	28%
Preston	1.42	1.44	1.43	1.45	1.51	1.47	1.46	1.45	1.58	1.50	NA	NA	1.75	NA
Reid Village										2.75	5.60	8.35	3.39	41%
Rockwell											5.60	8.35	4.21	50%
Sand Lick	0.03	0.06	0.07	0.07	0.07	0.01	0.00	0.00	0.00	0.00	0.75	1.12	0.06	5%
Sideview	3.76	3.56	3.50	3.58	4.79	3.95	4.63	4.89	4.12	5.29	5.60	8.35	6.48	78%
Stanton	10.69	9.66	9.60	8.90	9.82	9.06	9.73	9.56	8.99	9.78	20.00	31.05	11.69	38%
Three Forks				6.02	7.19	5.97	7.55	7.94	7.23	9.26	12.00	24.84	11.47	46%
Trapp									0.98	2.07	5.60	7.47	2.53	34%
Van Meter	4.65	4.28	4.80	4.44	4.84	4.91	5.62	5.65	5.22	6.04	6.44	8.35	3.05	37%
Totals	**63.99**	**57.89**	**59.94**	**63.48**	**77.04**	**68.00**	**79.83**	**80.10**	**72.75**	**87.34**	**142.43**	**218.77**	**107.46**	
Load Factor	**42.1%**	**48.9%**	**48.2%**	**49.4%**	**41.2%**	**49.8%**	**46.2%**	**45.8%**	**53.2%**	**46.1%**				

Notes: Three Forks energized Summer 1992 and assumed portion of Hunt load. Mariba energized Summer 1995 and assumed portion of Frenchburg load. Jeffersonville energized Summer 1996 and assumed portion of Hope and Mt. Sterling load. Trapp energized Summer 1997 and assumed portion of Hunt load. Reid Village energized Winter 1998-1999 and assumed portion of Mt. Sterling load. Blevins Valley and Rockwell are scheduled to be energized mid- to late-2000. Blevins Valley assumes a portion of Hope's load and Rockwell assumes a portion of Van Meters load. Preston is a customer-owned substation.

Table No. 7
Historical Summer and Projected Summer Design Loading in Megawatts (MW)

Delivery Point	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	Rated MVA	Max Rating	2002	% Loading
A.O. Smith	1.17	1.30	1.44	1.40	1.44	1.41	1.57	1.68	1.51	1.88	3.00	2.65	2.19	83%
Blevins Valley											5.60	6.27	2.26	36%
Bowen	2.79	2.85	3.38	2.40	3.01	3.20	3.01	3.40	3.62	3.85	5.00	5.60	4.19	75%
Cave Run	0.50	0.55	0.67	0.64	0.78	0.79	0.86	0.82	1.28	1.01	2.00	1.76	1.29	73%
Clay City	4.16	4.16	4.81	4.39	6.66	6.67	7.57	7.45	8.14	8.61	11.20	13.62	10.16	75%
Frenchburg	4.39	4.92	5.36	4.99	5.98	6.26	4.75	4.57	5.31	5.42	11.20	13.62	6.61	49%
Hope	4.07	4.22	4.52	4.63	5.34	5.14	5.74	5.20	4.80	5.09	6.44	6.27	4.37	70%
Hunt	9.02	9.56	9.97	6.16	7.18	6.72	7.81	7.58	6.79	6.79	14.00	13.62	7.67	56%
Jeffersonville								2.50	3.43	3.31	5.60	6.27	4.32	69%
Mariba							2.39	2.67	2.45	2.51	5.60	6.27	3.07	49%
Mt. Sterling	5.05	5.36	5.63	5.41	6.05	6.35	6.93	6.12	5.94	6.48	11.20	13.62	4.50	33%
Preston	1.41	1.44	1.44	1.42	1.48	1.50	1.43	1.44	1.46	1.50	NA	NA	1.51	NA
Reid Village											5.60	6.27	3.02	48%
Rockwell											5.60	6.27	3.16	50%
Sand Lick	0.03	0.05	0.06	0.06	0.05	0.02	0.00	0.00	0.00	0.00	0.75	0.66	0.05	8%
Sideview	2.20	2.40	2.36	2.41	2.73	2.79	3.02	3.24	3.34	3.64	5.60	6.27	4.15	66%
Stanton	10.50	10.78	11.02	10.90	11.49	10.49	11.24	11.62	12.09	12.04	20.00	24.00	12.98	54%
Three Forks				3.54	3.87	3.73	4.34	4.37	4.75	5.12	12.00	19.20	6.27	33%
Trapp									1.05	1.26	5.60	5.60	1.42	25%
Van Meter	3.39	3.47	3.79	3.80	4.01	3.95	4.33	4.12	4.37	4.95	6.44	6.27	2.39	38%
Totals	**48.67**	**51.05**	**54.45**	**52.13**	**60.05**	**59.01**	**65.00**	**66.77**	**70.32**	**73.46**	**142.43**	**164.08**	**85.59**	
Load Factor	**51.0%**	**42.1%**	**48.9%**	**48.2%**	**49.4%**	**41.2%**	**49.8%**	**46.2%**	**45.8%**	**53.2%**				

Notes: Three Forks energized Summer 1992 and assumed portion of Hunt load. Mariba energized Summer 1995 and assumed portion of Frenchburg load. Jeffersonville energized Summer 1996 and assumed portion of Hope and Mt. Sterling load. Trapp energized Summer 1997 and assumed portion of Hunt load. Reid Village energized Winter 1998-1999 and assumed portion of Mt. Sterling load. Blevins Valley and Rockwell are scheduled to be energized mid- to late-2000. Blevins Valley assumes a portion of Hope's load and Rockwell assumes a portion of Van Meters load. Preston is a customer-owned substation.

3.3 Distribution System Model

Clark's distribution system is modeled with Gentry Systems' GenMAP™ and Stoner Associates' Distribution Primary Analysis-Graphics™ (DPA/G) software. Substation design loads are distributed or allocated to each feeder model. Demand allocations to feeders are proportionately allocated by a ratio of total customer demand and energy metered within a circuit to total substation demand. Circuit demand is further distributed to individual line sections within the model. Demand allocations to line sections are similarly developed by proportionately allocating the ratio of total customer demand and energy metered within a line section to total circuit demand. Load allocation methodologies generally assume customers' coincident substation demand is proportional to energy consumption. Demand coincidence factors, however, vary among the differing customer classes. Adjustments are made to distributed demands where coincidence factors may be reasonably estimated.

A load flow analysis of each circuit model is prepared from the allocation of substation design loads to individual feeders and line sections. A typical load flow analysis includes conductor loading, losses, power factor, and voltage levels at each feeder line section. The baseline analysis without any system improvements is initially developed for each feeder model to reflect both summer and winter seasons. A load flow analysis is then developed to illustrate the effect of all recommended system improvement projects and changes.

3.4 Operational Criteria

A distribution primary load flow analysis of all feeders is initially reviewed for consistency with a variety of design criteria. Design criteria typically include considerations governing conductor loading, voltage levels, losses and power factor, sectionalization and reliability. Phase balance and economic considerations similarly contribute to a review of the initial load flow analysis. Voltage levels, however, are generally the most limiting criteria when determining the adequacy of the distribution system at the design load. RUS recommends a maximum eight-volt drop criteria between all regulated busses and line sections throughout the primary distribution system. Application of the RUS eight-volt drop criteria in conjunction with other design criteria generally determines the most practical and preferred option to maintain voltage levels. Options generally include voltage conversion, circuit conversion, switching and/or the application of voltage regulators and capacitor banks depending on the scope and severity of voltage-related problems.

Regulation devices such as voltage regulators and capacitors may be applied at circuit locations where voltage levels exceed the 8-Volt drop criteria. The application of regulation devices, however, is only recognized as a temporary measure. RUS recommends permanent improvements for 24-Volts or greater drop in lieu of installing more than two tiers of voltage regulation. All voltage level calculations within the analysis are inclusive of any installed voltage regulators and capacitor banks. Regulated busses are assumed to be maintained at 126-Volts within all distribution models. Capacitor banks are evaluated to minimize distribution losses and avoid wholesale power factor billing at all locations.

3.5 Sectionalizing Criteria

An objective of Clark's ongoing sectionalizing program is to improve distribution system reliability. System protection schemes are updated on an ongoing basis as circuit conditions change with load growth. Electronically controlled distribution equipment regularly provides data on the performance of system protection schemes and devices. Pole ground impedance data is obtained from the field as needed to provide an indication of the maximum fault impedance yielding the minimum design fault current. Sectionalizing design criteria used to develop system protection schemes are summarized below within Table No. 7.

Table No. 7
Circuit Sectionalizing Criteria

Coordination Philosophy	Eliminate simultaneous protective device operations on three-phase circuits. Minimize or eliminate simultaneous operation of single-phase reclosers by alternating series trip coil sizes. Compromise device coordination only within the last single-phase protection zone, transformer banks and capacitor banks.
Protection Zones	Reduce circuit exposure with additional protective devices. Devices are spaced 2.5 to 5.0 miles (3.0 to 3.5 miles avg.) apart depending on local circuit topology and operating circumstances.
Fault Currents and Equipment Ratings	Min. fault currents are based on a 40 ohm fault impedance. Min. fault currents based on a 30-ohm fault impedance may be used only in unique circumstances within RUS specifications. Ground-sensing three-phase equipment is installed when min. fault currents are 140 Amps or less within a given zone of protection. All protective devices and equipment are rated for available load currents and available max. and min. fault currents.
Three-Phase Reclosers	All three-phase reclosers are electronically controlled, fully programmable with sequence coordination and ground-fault sensing for improved coordination. All reclosers are programmed with a min. trip 2 to 2.5 times peak load current.
Single-Phase Reclosers	Single-phase reclosers are sized so that continuous series trip coil ratings are limited to about 125% of peak load to account for transformer magnetizing inrush. Hydraulically controlled single-phase reclosers are limited in coil ratings from 25 to 70 Amps. 100 Amp hydraulically controlled reclosers may be installed provided fault currents are sufficiently high to ensure reliable tripping. Possible circuit improvements are reviewed when line currents are approx. 56 Amps and 80 Amps on reclosers rated 70 Amps and 100 Amps respectively. Single-phase hydraulically controlled reclosers are installed in series by alternating continuous trip coil ratings to avoid simultaneous operations. Electronically controlled single-phase reclosers with higher interrupting capability and sequence coordination are installed at locations with high fault currents and/or where successful coordination is essential.
Single-Phase Circuit Protection	Standard fuse sizes are primarily 6 Amps. Larger fuse sizes are permissible provided proper coordination with three-phase reclosers does not yield any fast curve operations. All single-phase taps off of three-phase feeders are fused or a single-phase recloser is installed. Single-phase reclosers may be installed subject to tap exposure, numbers of consumers involved and fuse size limitations.
Fuse Selection	Type T fuses are a standard to provide proper coordination with other devices. Cutout-type current limiting fuses may be used in areas of high fault currents on single-phase taps with low exposure and/or low number of consumers.
Electronic Sectionalizers	Electronic sectionalizers are installed to extend the range of coordination on single-phase taps where standard devices cannot offer reliable coordination. Installation depends on local unique operating circumstances, exposure and number of consumers affected.
Equipment and Conductor Protection	Conventional transformers and capacitor banks are fused in accordance with manufacturer and/or ANSI specifications for adequate load carrying capability and overcurrent protection. Conventional transformers with fuse cutouts are preferred in high fault current areas. All proposed coordination is reviewed against equipment and conductor damage curves.
Switches	Disconnect switches are installed between all recloser locations for improved sectionalization and faster service restoration. Install three-phase gang-operated switches on major interties.
Surge Arresters	Approx. five (5) surge arresters per mile of three-phase line are installed to provide improved insulation coordination and limit recloser operations caused by power follow through currents.

3.6 Economic Criteria

An objective of the CWP is to develop an analysis of the distribution system and identify necessary system improvements to serve the anticipated winter and summer design loads. System improvement projects are recommended to improve voltage levels, reduce excessive loading or phase imbalance and improve reliability consistent with the appropriate design criteria. Similarly, system improvement projects involving new conductor are next evaluated against economic conductor selection criteria to assure use of the most economical conductor to minimize total costs. Economic criteria necessary to prepare an economic conductor loading and selection analysis are inclusive of fixed costs associated with capital investment and variable costs associated with conductor losses. An economic evaluation of these costs is developed to select the least cost conductor where appropriate, assuming operational design criteria are first satisfied. A similar evaluation governs capacitor placement based on losses.

Key evaluation factors used throughout the economic conductor loading and selection analysis are illustrated within Table No. 8 below. A uniform discount rate of 7 percent is applied within all present value evaluations and consists of a 5.5 percent weighted cost of debt and a 1.5 percent risk premium modeling uncertainty. The 5.5 percent weighted cost of debt is based on blended 70 percent financing from RUS at 5 percent and 30 percent financing from CFC at 6.7 percent. Fixed costs associated with facility capital investment are included within the evaluation and are proportional to the fixed charge or system cost rate. Average capital costs for typical construction and voltage conversions are provided within Section 4.4, System Improvements.

Clark's system cost rate is based on capital recovery at the weighted cost of debt plus operations, maintenance, taxes, administrative and general expenses. O&M costs are expressed as a percent of distribution plant while taxes, administrative and general expenses are expressed as a percent of total plant. Loss costs are evaluated based on existing wholesale rates and an average annual load factor of about 58 percent over 1992-1998. A power cost escalation rate obtained from EKPC's December 1998 financial forecast models projected wholesale rate increases. Development of Clark's system cost rate and loss cost is presented within Section 5, Appendix.

Table No. 8
Key Evaluation Factors

Clark System Cost Rate	18.54%	Risk Premium	1.50%
Power Factor	95%	Loss Cost Rate per kW	$126.52
Discount Rate	7.00%	Power Cost Escalation	3.37%
Weighted Cost of Debt	5.50%	Load Growth Rate	3.40%

Note: The 18.54% system cost rate is composed of a capital recovery factor of 6.64% (33 years @ 5.51%), expenses of 10.33% and a gradient series factor of 1.56% for 0.14% annual growth in expenses. See Section 5, Appendix for system cost rate and loss cost details.

3.7 Economic Conductor Loading Analysis

An economic conductor loading analysis is developed to select the least cost or most economical circuit conductor minimizing total costs over the expected life of a project. Selection of an economical conductor is a function of a given load, load growth rate, the economics associated with facility capital costs, losses, and associated escalation factors where appropriate. Fixed costs are proportional to the fixed charge or system cost rate on capital investment. Variable costs are a function of conductor loss and power costs. An economic conductor loading analysis provides a circuit conductor comparison of total fixed and variable costs on a unit mile basis for a given range of load.

The economic conductor loading analysis confirms 336 ACSR is generally the most economical conductor selection for the widest range of feeder loads on Clark's distribution system. Results of the conductor loading analysis are illustrated within Table No. 9 below. The table identifies loading ranges yielding the lowest total costs for a variety of conductors. Loading ranges vary depending on primary voltage and anticipated load growth. Inventory and construction practices limit standard conductors to #2, 1/0 and 336 ACSR although additional conductors were studied to confirm these practices are still valid. Single-phase construction with #2 ACSR is economical although 336 ACSR is used when future three-phase and feeder interties are anticipated. Conductor selection recommendations are otherwise followed when a variety of conductors satisfy design criteria. Evaluated conductor costs for a range of loads (100-5,000 kW) at both 12.47 kV and 24.9 kV operation are illustrated in Section 5, Appendix.

Table No. 9
Economic Conductor Loading Analysis

Conductor	12.47 kV Loading Limits w/ Growth	24.9 kV Loading Limits w/ Growth
#2 ACSR	Up to 800 kW	Up to 1600 kW
1/0 ACSR	801 kW - 1100 kW; Use 336 ACSR	1601 kW and 2200 kW; Use 336 ACSR
4/0 ACSR	Not Economical	Not Economical
336 ACSR	1101 kW - 2700 kW	Greater than 2201 kW
556 ACSR	2701 kW - 3400 kW; Use 795 ACSR	Not Economical
795 ACSR	Greater than 3401 kW	Not Economical
Conductor	**12.47 kV Loading Limits w/o Growth**	**24.9 kV Loading Limits w/o Growth**
#2 ACSR	Up to 1100 kW	Up to 2300 kW
1/0 ACSR	1101 kW - 1500 kW; Use 336 ACSR	2301 kW - 3000 kW; Use 336 ACSR
4/0 ACSR	Not Economical	Not Economical
336 ACSR	1501 kW - 3700 kW	Greater than 3001 kW
556 ACSR	3701 kW - 4700 kW; Use 795 ACSR	Not Economical
795 ACSR	Greater than 4701 kW	Not Economical

Note: All values apply for three-phase facilities. New single-phase is recommended to be #2 ACSR construction unless three-phase conversion is later anticipated. 1/0 or 336 ACSR conductor should be installed in such cases. Single-phase #2 ACSR is economical up to 800 kW and 1700 kW for 7.2 kV and 14.4 kV operation respectively. Thermal ratings, voltage and phase balance considerations, however, precludes single-phase operation at these load levels. 4/0 ACSR construction is not an economical alternative for any scenario.

4 Proposed Construction Program

The proposed construction program addresses distribution system needs to provide adequate and reliable service consistent with the 1991 LRP and satisfy CWP design criteria at the anticipated loads. A variety of activities are included within the 1999-2003 CWP construction program. Additional distribution equipment such as capacitors, reclosers and switches are recommended to improve feeder power factors and sectionalization. Changes in regulation schemes are similarly recommended to maintain adequate voltage levels although no new voltage regulators are required for purchase. Most of the construction program, however, involves routine activities such as new service construction, service upgrades, pole and conductor replacement, meters, transformers and security lights. Finally, system improvements are recommended within the construction program to satisfy a variety of CWP design criteria involving voltage levels, excessive loading, phase imbalances, proper sectionalization and reliability. The 1999-2003 CWP construction program including cost estimates, project descriptions and total CWP costs are summarized within the following sections.

4.1 Regulation Requirements

Regulation devices are routinely installed to improve voltage levels in circumstances where major project construction may be reasonably deferred without violating design criteria or reliability. The load flow analysis reveals elements of the distribution system requiring changes in regulation schemes to maintain proper voltage levels at CWP design loads. Installing supplemental regulation, however, is often an interim measure before system improvements are required. The load flow analysis reveals areas of the distribution system requiring changes in regulation to improve voltage levels at the CWP design load. An eight volt drop criteria between each regulated bus or circuit line section throughout the primary system is maintained for all changes in regulation schemes to provide adequate customer service. A discussion of the voltage level design criteria is provided within Section 3.4, Operational Criteria. All proposed changes in distribution regulation schemes necessary through the CWP period are illustrated within Table No. 11 on page 17.

4.2 Capacitor Requirements

Additional capacitor banks are recommended for installation at strategic feeder circuit locations on the distribution system. Capacitors have characteristics offering several benefits to distribution system operations. Capacitors locally supply the reactive power needs of distribution loads to improve system power factor, reduce system losses and lower peak demand. Voltage regulation is generally improved and capacity is released on the affected feeder and substation. Capacity is similarly released on area transmission system and generation although these benefits are often less tangible to evaluate.

Proposed capacitor bank installations are evaluated using a variety of placement criteria. First, the load flow analysis of the distribution system is used to develop an initial capacitor placement strategy that economically minimizes feeder losses. The effect of proposed capacitor banks on feeder and

substation power factor is next reviewed to ensure that wholesale power factor penalties are avoided. Finally, the effect of proposed capacitor banks during peak- and light-load conditions are reviewed to ensure power factors do not exceed 98 percent leading or voltage levels do not rise above 126-Volts. Switched capacitor banks are required when fixed banks create excessive leading power factors or voltage levels. Planned capacitor bank installations incorporating the placement criteria are illustrated within Table No. 12 on page 17.

4.3 Sectionalizing Requirements

An objective of Clark's ongoing sectionalizing program is to improve distribution system reliability. System protection schemes are updated on an ongoing basis as circuit conditions change with load growth. Protective coordination and sectionalizing activities will continue through the 1999-2003 CWP period. Design criteria and guidelines governing all protective coordination and sectionalizing activities was earlier presented within Section 3.5, Sectionalizing Criteria. Recommended changes to protective coordination and sectionalizing schemes involving new reclosers are illustrated in Table No. 10 below.

Table No. 10
Circuit Protective Coordination and Sectionalization

Circuit	Comments	Circuit	Comments
A.O. Smith Ckt 1	Install two (2) VXE's and two (2) V4E's.	Hunt Ckt 2	Install two (2) V4E's.
Blevins Valley Ckt 1	Install two (2) V4E's.	Hunt Ckt 4	Install VWVE and six (6) V4E's.
Blevins Valley Ckt 2	Install VWVE and two (2) V4E's.	Jeffersonville Ckt 1	Install two (2) V4E's.
Bowen Ckt 1	Install VWVE and VXE.	Mariba Ckt 2	Install VWVE, VXE and two (2) V4E's.
Bowen Ckt 3	Install VWVE.	Mt. Sterling Ckt 3	Install VWVE and five (5) V4E's.
Clay City Ckt 4	Install VWVE and two (2) V4E's.	Reid Village Ckt 1	Install V4E.
Frenchburg Ckt 1	Install VWVE and nine (9) V4E's.	Sideview Ckt 1	Install VXE.
Frenchburg Ckt 3	Install six (6) V4E's.	Sideview Ckt 2	Install VWVE and six (6) V4E's.
Frenchburg Ckt 4	Install VXE and V4E.	Sideview Ckt 3	Install two (2) V4E's.
Hope Ckt 2	Install VXE.	Sideview Ckt 4	Install VXE and eight (8) V4E's.
Hope Ckt 3	Install VWVE, two (2) VXE's and seven (7) V4E's.	Three Forks Ckt 3	Install two (2) VWVE's and six (6) V4E's.
Hunt Ckt 1	Install VXE and five (5) V4E's.	Stanton Ckt 3	Install VWVE.

Table No. 11
Regulation Requirements

Circuit	LS	Comments	Circuit	LS	Comments
Blevins Valley Ckt 1	7002	Retirement. See Code 305.	Mariba Ckt 2	11302	Install at load end. Relocated from 1130. See Code 301.
Bowen Ckt 1	776	Install at load end.	Mt. Sterling Ckt 1	46432	Install at load end.
Bowen Ckt 3	7542	Install at source end.	Mt. Sterling Ckt 3	307	Install at source end.
	7624	Install at source end. Relocated from LS 762. See Code 201.	Mt. Sterling Ckt 3	31400	Install at source end.
Clay City Ckt 4	641	Install at source end.	Reid Village Ckt 1	2273	Install three (3) regulators at load end.
Frenchburg Ckt 1	10522	Install three (3) regulators at load end. See Code 318.	Sideview Ckt 1	142	Install at load end.
Frenchburg Ckt 3	748	Install at source end.	Sideview Ckt 3	2022	Install three (3) regulators at load end relocated from LS 202.
Frenchburg Ckt 4	11354	Install at source end. Relocated from LS 1135. See Code 308.	Sideview Ckt 4	215	Switch LS 216 from LS 2161 to LS 215. Install at source end.
Hope Ckt 2	718	Retire three (3) regulators. See Code 303.	Stanton Ckt 3	643	Install at load end. See Code 315.
	7211	Retirement. See Code 303.	Stanton Ckt 4	5646	Install at load end.
Hope Ckt 3	7091	Retire three (3) regulators. See Code 304.		5621	Install at load end. See Code 314.

Table No. 12
Capacitor Requirements

Circuit	LS	Comments	Circuit	LS	Comments
A.O. Smith Ckt 1	441	Install 150 kVAR fixed.	Jeffersonville Ckt 1	5366	Install 300 kVAR switched.
	438	Replace 300 kVAR fixed with switched 300 kVAR.	Jeffersonville Ckt 2	730	Install 300 kVAR switched. Retire 150 kVAR fixed at LS 727. See Code 302.
Bowen Ckt 1	777	Install 300 kVAR switched.	Mariba Ckt 3	11144	Install 150 kVAR fixed retired from Mariba Ckt 2, LS 1122. See Code 301.
Bowen Ckt 3	7643	Install 300 kVAR switched.	Mt. Sterling Ckt 3	50400	Install 600 kVAR switched.
Clay City Ckt 1	558	Install 600 kVAR switched.	Reid Village Ckt 1	226	Install 300 kVAR switched.
	553	Install 300 kVAR switched. Retire 150 kVAR fixed.	Rockwell Ckt 3	13171	Install 300 kVAR switched.
Clay City Ckt 2	571	Install 600 kVAR switched. Retire 150 kVAR fixed.	Sideview Ckt 3	2023	Install 300 kVAR fixed.
Clay City Ckt 4	6102	Install 600 kVAR switched.	Sideview Ckt 4	1651	Install 150 kVAR fixed.
	636	Install 600 kVAR switched. Retire 300 kVAR fixed at LS 635.	Stanton Ckt 3	62911	Install 300 kVAR fixed.
Frenchburg Ckt 1	10522	Install 600 kVAR switched.	Stanton Ckt 4	5645	Install 600 kVAR fixed.
Frenchburg Ckt 4	11333	Install 600 kVAR switched. Retire 150 kVAR fixed.	Three Forks Ckt 3	13221	Install 300 kVAR fixed.
Hope Ckt 3	705	Replace 150 kVAR fixed with 300 kVAR fixed. See Code 304.	Trapp Ckt 2	353	Install 150 kVAR fixed.
Hunt Ckt 3	3742	Install 600 kVAR switched.	Van Meter Ckt 3	1328	Install 300 kVAR fixed. Retire 150 kVAR fixed at LS 9001.
Hunt Ckt 4	55	Install 300 kVAR switched. Retire 150 kVAR fixed at LS 45. See Code 306.			

4.4 System Improvements

Proposed system improvement projects are initially identified with a load flow analysis examining the adequacy of the distribution system at the design load and a review of CWP design criteria and the 1991 LRP. Design criteria are next used to evaluate proposed system improvements and reasonable alternatives. Maintaining proper voltage levels is generally the limiting criteria when evaluating a need for additional regulation and/or construction of proposed system improvements. Proposed projects are similarly evaluated using other design criteria involving excessive loading, phase imbalance, proper sectionalization and reliability considerations. Finally, all proposed projects must be consistent with the LRP and economically satisfy the long-term needs of the distribution system to be recommended for construction within the 1999-2003 CWP.

The recommended program of system improvements includes a variety of tie-line, line conversion, 24.9 kV voltage conversion and primary underground conductor replacement projects. Descriptions for all system improvement projects are provided on pages 19-30. Project locations are illustrated by code on system maps contained in cover sleeves inside the back cover of the 1999-2003 CWP. The Borrower's Environmental Report (BER) similarly illustrates all tie-line projects on USGS quad maps. Unit costs per mile for voltage conversion and major types of overhead and underground construction are illustrated within Table No. 13 below.

Table No. 13
Clark Energy Distribution Construction Costs (Per Mile)

#2 ACSR	$61,165	336 ACSR	$76,696
1/0 ACSR	$65,842	556 ACSR	$87,424
4/0 ACSR	$72,783	795 ACSR	$95,225
#2 ACSR Single-Phase - $31,099/Mile 336 ACSR Single-Phase - $35,000/Mile Voltage Conversion Cost (Per Mile) Single-phase: $7,293 Two-phase: $9,743 Three-phase: $12,192		Note: Costs are based on three-phase construction. Voltage conversion costs are not inclusive of transformer material costs. All costs are for 1999 dollars.	

Code 201 Cost: $60,954 Schedule: 1999	**Cat Creek-Cow Creek-High Rock Project Bowen Ckts 1, 2 and 3**
Location	South of Bowen, KY at Cat Creek, Cow Creek and High Rock Roads in Powell County, KY.
Scope	The proposed project involves 1.96-miles of new #2 ACSR single-phase constructed within highway right-of-way along Cat Creek and Cow Creek Roads.
Rationale	Project construction is necessary to develop single-phase interties between Bowen Ckts 1, 2 and 3 for contingency service to the Cat Creek, Cow Creek and High Rock communities. All three communities are located within areas of difficult terrain and presently served by radial single-phase facilities.
Code 202 Cost: $9,641 Schedule: 1999	**Beech Fork-Rex Townsend Road Project Clay City Ckt 4**
Location	North of Clay City, KY at Beech Fork-Rex Townsend Road in Powell County, KY.
Scope	The proposed project involves 0.31-miles of new #2 ACSR single-phase constructed within highway right-of-way along Beech Fork-Rex Townsend Road.
Rationale	Project construction is necessary to develop a single-phase intertie for contingency service to the Beech Fork-Rex Townsend Road area served by Clay City Ckt 4. Continued residential development is anticipated to occur throughout the immediate area. Portions of Beech Fork-Rex Townsend Road are located within areas of difficult terrain and presently served by radial single-phase facilities.
Code 203 Cost: $36,387 Schedule: 2003	**Log Lick-Snow Creek Project Trapp Ckt 2-Clay City Ckt 2**
Location	West of Clay City, KY at Log Lick Road and Snow Creek Road in Powell County, KY.
Scope	The proposed project involves 1.17-miles of new #2 ACSR single-phase constructed within highway right-of-way along Log Lick and Snow Creek Roads.
Rationale	Project construction is necessary to develop single-phase interties between Trapp Ckt 2 and Clay City Ckt 2 for contingency service to the Log Lick Road and Snow Creek Road areas. Both areas are located within areas of difficult terrain and presently served by radial single-phase facilities and one single-phase intertie. Portions of the existing radial and intertie single-phase facilities are located within the flood plain of the Red River and Lubegrud Creek and are regularly inaccessible for routine operations and maintenance.

Code 204 Cost: $9,641 Schedule: 2003	**Hatton Creek-Caudill Road Project Stanton Ckt 3**
Location	South of Stanton, KY on Caudill Road in Powell County, KY.
Scope	The proposed project involves 0.31-miles of new #2 ACSR single-phase constructed within highway right-of-way along Caudill Road.
Rationale	Project construction is necessary to reduce single-phase loading and phase imbalance at LS's 632 and 6321. Single-phase load is projected to exceed line current criteria for proper coordination. Similarly, the proposed project provides a single-phase intertie for contingency service to the Caudill Road and Morton Hollow Road areas served by Stanton Ckt 3.
Results	Excessive single-phase loading and imbalance is reduced from 59 Amps at LS 632 to 45 Amps.
Alternatives	The proposed project is consistent with the current LRP. Over 0.91-miles of three-phase 336 ACSR conversion is otherwise required at LS's 632 and 6321 to eliminate excessive single-phase loads and phase imbalance. No practical solution is offered to protective coordination and sectionalizing problems throughout the immediate area.
Code 205 Cost: $70,595 Schedule: 1999	**Dry Fork-Ruckerville-Pilot View Project Hunt Ckt 1**
Location	Southeast of Winchester, KY on Dry Fork, Old Ruckerville and Pilot View-Ruckerville Roads in Clark County, KY.
Scope	The proposed project involves 2.27-miles of new 336 ACSR single-phase constructed within highway right-of-way along Dry Fork, Pilot View-Ruckerville and Old Ruckerville Roads.
Rationale	Project construction is necessary to reduce single-phase loading and phase imbalance at LS 263. Single-phase load is projected to exceed line current criteria for proper coordination. Similarly, the proposed project provides a single-phase intertie for contingency service to the Dry Fork, Pilot View-Ruckerville and Old Ruckerville Road areas.
Results	Excessive single-phase loading and imbalance is reduced from 65 Amps at LS 263 to 50 Amps.
Alternatives	The proposed project is consistent with the current LRP. Over 1.25-miles of three-phase 336 ACSR conversion is otherwise required at LS 263 to eliminate excessive single-phase loads and phase imbalance. No practical solution is offered to protective coordination and sectionalizing problems throughout the immediate area.
Code 206 Cost: $138,052 Schedule: 2001	**Hampton Ridge Project Three Forks Ckt 3**
Location	North of Richmond, KY at Hunter Lane in Madison County, KY.
Scope	The proposed project involves 1.80-miles of new 336 ACSR three-phase constructed within highway right-of-way along Hunter Lane.
Rationale	Project construction is necessary to develop a new intertie on Three Forks Ckt 3 for contingency service to major residential development occurring within the Hampton Ridge area adjacent to Kentucky Utilities service territory.

Code 301 Cost: $358,404 Schedule: 2001	**Denniston-Wellington Project** **Mariba Ckt 2**
Location	The proposed project is located throughout the Mariba Ckt 2 feeder serving the US 460 area within southeastern Menifee County, KY.
Scope	The proposed project involves voltage conversion of the 34.13-mile feeder system from 12.47 kV to 24.9 kV. Included within the project is converting 1.38 miles of LS 1130 from #6 ACWC single-phase to 336 ACSR three-phase. Proposed three-phase construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to improve voltage levels and losses while reducing single-phase loading and phase imbalance along LS 1130. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by voltage conversion and extending three-phase facilities to segregate load onto multiple phases. Conversion to 24.9 kV allows a single-phase intertie with Frenchburg Ckt 4 already operating at 24.9 kV.
Results	Minimum voltage levels throughout the feeder are improved from 113.2 Volts to 122.3 Volts. Loading and balance improves at LS 1130 from a 145 Amp single-phase load to a 21 Amp three-phase load. Feeder losses are reduced from 158 kW to 21 kW.
Alternatives	The proposed project is consistent with the current LRP and the original evaluation recommending construction of Mariba Substation. Both studies recommended Mariba Ckt 2 eventually be converted to 24.9 kV operation and three-phase conversion of LS 1130. Installing additional regulation is impractical since one tier of regulation now exists, single-phase loading is not reduced and no adequate single-phase intertie exists with Frenchburg Ckt 4 already operating at 24.9 kV.
Code 302 Cost: $91,170 Schedule: 2000	**Jeffersonville-Hwy 460-Means Project** **Jeffersonville Ckt 2**
Location	The proposed project is located throughout a portion of the Jeffersonville Ckt 2 feeder serving the US 460 area within southwestern Menifee County, KY.
Scope	The proposed project involves voltage conversion of an additional 9.27-miles of the feeder system from 12.47 kV to 24.9 kV. Portions of the existing feeder are already operating at 24.9 kV.
Rationale	Project construction is necessary to eliminate 159 percent overloading of an existing three-phase autotransformer bank and to develop an intertie with Hope Ckt 2 which is also proposed for 24.9 kV conversion on Code 303. Protective coordination and sectionalization is improved by eliminating two primary voltage transitions during a contingency switch between the two feeder systems.
Results	Voltage conversion eliminates the overloaded three-phase autotransformer bank by extending 24.9 kV through LS 732 and LS 7441. Autotransformer banks appropriate for these locations are already in inventory. Minimum voltage levels throughout the feeder are improved from 120.9 Volts to 121.5 Volts. One tier of regulation is already installed on Hope Ckt 2.
Alternatives	The proposed project is consistent with the current LRP and the original evaluation recommending construction of Jeffersonville Substation. Both studies recommended Jeffersonville Ckt 2 eventually be converted to 24.9 kV. Two (2) 5 MVA three-phase autotransformer banks would otherwise have to be purchased and installed for a contingency switch involving both feeders. No practical solution is offered to protective coordination and sectionalizing problems associated with multiple autotransformer banks. Additional regulation is required during a contingency switch although one tier of regulation already exists on Hope Ckt 2.

Code 303 Cost: $170,387 Schedule: 2000	**Hope-Means Road Project** **Hope Ckt 2**
Location	The proposed project is located throughout the Hope Ckt 2 feeder serving the Hope-Means and Clay Lick Road areas within southwestern Menifee County, KY and southeastern Montgomery County, KY.
Scope	The proposed project involves voltage conversion of the 20.28-mile feeder system from 12.47 kV to 24.9 kV.
Rationale	Project construction is necessary to improve voltage levels, losses and reduce excessive single-phase loading and phase imbalance along LS's 721, 7211, 7212, 7214 and 7216. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by reducing excessive single-phase loading. A single-phase regulator at 98 percent of rating is eliminated. Conversion to 24.9 kV permits an intertie with Jeffersonville Ckt 2 also proposed for 24.9 kV conversion on Code 302.
Results	Minimum voltage levels throughout the feeder are improved from 119.4 Volts to 122.6 Volts. Excessive single-phase loading and imbalance are reduced from 107 Amps at LS 721 to 50 Amps while feeder losses are reduced from 91 kW to 21 kW.
Alternatives	The proposed project is consistent with the current LRP. Over 2.84 miles of three-phase 336 ACSR conversion is otherwise required at LS's 721, 7211, 7212, 7214 and 7216 to eliminate excessive single-phase loads and phase imbalance. Two (2) 5 MVA three-phase autotransformer banks must similarly be purchased and installed for a contingency switch with Jeffersonville Ckt 2. Additional regulation is required to maintain voltage levels at primary voltage transitions during a contingency switch. Regulation already exists on Hope Ckt 2. No practical solution is offered to protective coordination and sectionalizing problems associated with multiple autotransformer banks.
Code 304 Cost: $326,382 Schedule: 2000	**Spencer Road Project** **Hope Ckt 3**
Location	The proposed project is located throughout the Hope Ckt 3 feeder serving the Spencer, Bedford, Howards Mill, Long Branch and Tap Road areas within eastern Montgomery County, KY.
Scope	The proposed project involves voltage conversion of the 36.94-mile feeder system from 12.47 kV to 24.9 kV. Included within the project is converting 0.55 miles of #6 ACWC single-phase to 336 ACSR three-phase at LS 713. The proposed three-phase construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to improve voltage levels, losses and reduce excessive single-phase loading and phase imbalance along LS's 713, 715, 714, 6722 and 473. Single-phase load is projected to exceed line current criteria for proper coordination. Sectionalization and protective coordination is improved by voltage conversion and extending three-phase facilities to segregate load onto multiple phases. A three-phase regulator bank at 87 percent of rating is eliminated. LS's 668 and 6681 are also being converted to 24.9 kV and switched from Blevins Valley Ckt 3 to reduce excessive single-phase loading and phase imbalance on LS's 674, 6742 and 6744. Conversion to 24.9 kV allows development of an intertie with portions of Hope Ckt 2 and Blevins Valley Ckt 1. Hope Ckt 2 and Blevins Valley Ckt 1 are proposed for 24.9 kV conversion on Codes 303 and 305 respectively.
Results	Minimum voltage levels throughout the feeder are improved from 110.3 Volts to 123.7 Volts. Excessive single-phase loading and imbalance is reduced from a maximum of 116 Amps to 31Amps. Feeder losses are reduced from 344 kW to 22 kW.
Alternatives	The proposed project is consistent with the current LRP. Over 4.78-miles of additional three-phase 336 ACSR conversion is otherwise required at LS's 715, 714, 6722 and 473 on Hope Ckt 3 to eliminate excessive single-phase loads and phase imbalance. Similarly, over 1.66-miles of three-phase 336 ACSR conversion is otherwise required at LS's 674, 6742 and 6744 on Blevins Valley Ckt 3.

Code 305 Cost: $279,481 Schedule: 2000	**Blevins Valley Road Project** **Blevins Valley Ckt 1**
Location	The proposed project is located throughout the Blevins Valley Ckt 1 feeder serving the Blevins Valley, Preston and Kendall Springs areas of southern Bath County, KY.
Scope	The proposed project involves voltage conversion of the 17.92-mile feeder system from 12.47 kV to 24.9 kV. Included within the project is converting 1.94 miles from #6 ACWC single-phase to 336 ACSR three-phase at LS's 700, 7006 and 7002. The proposed three-phase construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to improve voltage levels, losses and reduce excessive single-phase loading and phase imbalance at LS's 700, 7006, 7002, 662 and 660. Single-phase load is projected to exceed line current criteria for proper coordination. Sectionalization and protective coordination is improved by voltage conversion and extending three-phase facilities to segregate load onto multiple phases. A single-phase regulator at 154 percent of rating is eliminated. LS's 673 and 6731 are also being converted to 24.9 kV and switched from Blevins Valley Ckt 3 to reduce excessive single-phase loading and phase imbalance on LS's 674, 6742 and 6744. Conversion to 24.9 kV operation allows development of an intertie with portions of Hope Ckt 3 also proposed for 24.9 kV conversion on Code 304.
Results	Minimum voltage levels throughout the feeder are improved from 111.7 Volts to 124.2 Volts. Excessive single-phase loading and imbalance is reduced from a maximum of 164 Amps to 43Amps. Feeder losses are reduced from 137 kW to 9 kW.
Alternatives	The proposed project is consistent with the current LRP. Over 0.80-miles of additional three-phase 336 ACSR conversion is required at LS's 662 and 660 on Blevins Valley Ckt 1 to eliminate excessive single-phase load and phase imbalance. Similarly, over 1.66-miles of three-phase 336 ACSR conversion is otherwise required at LS's 674, 6742 and 6744 on Blevins Valley Ckt 3. Additional single-phase autotransformers must be purchased and installed for single-phase interties needed to improve reliability.
Code 306 Cost: $149,485 Schedule: 1999	**Fayette County Project** **Hunt Ckt 4**
Location	The proposed project is located throughout portions of Hunt Ckt 4 serving portions of southeastern Fayette County, KY.
Scope	The proposed project involves voltage conversion of an additional 18.26-miles of the feeder system from 12.47 kV to 24.9 kV. Most of the existing feeder system is already operating at 24.9 kV.
Rationale	Project construction is necessary to improve voltage levels, losses and reduce excessive single-phase loading and phase imbalance at LS 52. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by reducing excessive single-phase loading. A three-phase autotransformer bank at 160 percent of rating is eliminated.
Results	Minimum voltage levels throughout the feeder are improved from 116.9 Volts to 121.3 Volts. Excessive single-phase loading and imbalance is reduced from a maximum of 68 Amps to 33Amps. Feeder losses are reduced from 134 kW to 102 kW.
Alternatives	The proposed project is consistent with the current LRP. Over 1.75-miles of three-phase 336 ACSR conversion is otherwise required at LS 52 to eliminate excessive single-phase loads and phase imbalance. Similarly, a 3 MVA three-phase autotransformer bank must be purchased and installed to maintain a 12.47 kV system throughout the affected area. No practical alternative exists to switch loads since the area is at the end of a radial feeder system.

Code 307 Cost: $13,857 Schedule: 2003	**Highway 213 Project** **Jeffersonville Ckt 1**
Location	The proposed project is located throughout a portion of the Jeffersonville Ckt 1 feeder system serving the Highway 213 area within southern Montgomery County, KY.
Scope	The proposed project involves voltage conversion of an additional 1.90-miles of the feeder system from 12.47 kV to 24.9 kV operation. Other portions of the existing feeder are already operating at 24.9 kV.
Rationale	Project construction is necessary to eliminate 163 percent overloading of an existing single-phase autotransformer and reduce excessive single-phase loading and phase imbalance at LS 532. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved on Jeffersonville Ckt 1 by eliminating most of the remaining 12.47 kV rated system. LS's 532 and 5321 are scheduled for conductor replacement during voltage conversion.
Results	Voltage conversion and relocation of the autotransformer to LS 546 reduces autotransformer loading to 71 percent. Single-phase loading at LS 532 is reduced from 73 Amps to 35 Amps. Minimum voltage levels are improved from 118.8 Volts to 122.9 Volts. Reliability is improved and simplified by developing a protective coordination and sectionalizing scheme at a common primary voltage throughout most the Jeffersonville Ckt 1 feeder.
Alternatives	The proposed project is consistent with the current LRP. Over 0.90-miles of LS 532 is required for 336 ACSR three-phase conversion and a 1 MVA three-phase autotransformer bank installed. No practical solution is available to resolve sectionalizing and protective coordination problems associated with the three-phase autotransformer bank.
Code 308 Cost: $120,413 Schedule: 2000	**Dan Ridge Project** **Frenchburg Ckt 4**
Location	The proposed project is located at Dan Ridge on the Frenchburg Ckt 4 feeder serving the Highway 1274 area of western Menifee County, KY.
Scope	The proposed project involves converting 1.57-miles of #4 ACSR single-phase to 336 ACSR three-phase. Proposed three-phase construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to reduce single-phase loading and phase imbalance anticipated at LS's 1135, 11357 and 11358. Single-phase load is projected to exceed line current criteria for proper coordination. Continued residential development is anticipated to occur throughout the immediate area. Protective coordination and sectionalization is improved by extending three-phase facilities to segregate load onto multiple phases. The proposed project allows development of a single-phase intertie with Mariba Ckt 2.
Results	Single-phase to three-phase conversion along the reported LS's reduces loading from 54 Amps single-phase to 18 Amps three-phase. Minimum voltage levels are maintained at 121.9 Volts and feeder losses are reduced from 103 kW to 95 kW.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since the feeder system is already operating at 24.9 kV. Additional single-phase load can be switched to Mariba Ckt 2 although a needed single-phase intertie for contingency service to several residential subdivisions is not available. No practical solution is available to resolve sectionalizing and protective coordination problems throughout the Dan Ridge area.

Code 309 Cost: $131,916 Schedule: 2001	**Cat Creek Project** **Bowen Ckt 3**
Location	The proposed project is located at Cat Creek Road on the Bowen Ckt 3 feeder serving the Highway 15 area of eastern Powell County, KY.
Scope	The proposed project involves converting 1.72-miles of #4 ACSR single-phase to 336 ACSR three-phase. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to reduce excessive single-phase loading and phase imbalance at LS's 761, 762 and 7622. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by extending three-phase facilities to segregate load onto multiple phases. Three-phase facilities at the reported LS's allows development of single-phase interties needed for contingency service for the South Fork and Cow Creek areas served by Bowen Ckts 1 and 2 respectively.
Results	Single-phase to three-phase conversion along the reported LS's reduces loading from 92 Amps single-phase to 29 Amps three-phase. Minimum voltage levels in the Cat Creek area improves from 120 Volts to 122.2 Volts and feeder losses are reduced from 92 kW to 60 kW. Sufficient capacity is available for single-phase interties with Bowen Ckts 1 and 2.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since all local area feeder systems are operating at 12.47 kV and no load switching is available.
Code 310 Cost: $107,374 Schedule: 2002	**Virden Ridge Project** **Clay City Ckt 1**
Location	The proposed project is located at Virden Ridge Road on the Clay City Ckt 1 feeder serving the Highway 15 area of western Powell County, KY.
Scope	The proposed project involves converting 1.40-miles of #6 ACWC single-phase to 336 ACSR three-phase. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to reduce excessive single-phase loading and phase imbalance at LS's 9557 and 95571. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by extending three-phase facilities to segregate load onto multiple phases. Three-phase facilities at the reported LS's allows development of a single-phase intertie needed for contingency service with Clay City Ckt 2 and Trapp Ckt 2. The proposed project allows switching LS 565 to Clay City Ckt 1 to reduce excessive single-phase loading and phase imbalance at LS's 566 and 5663 on Clay City Ckt 2.
Results	Single-phase to three-phase conversion along Clay City Ckt 1 LS's 9557 and 95571 and switching LS 565 from Clay City Ckt 2 reduces loading on LS 9557 from 60 Amps single-phase to 24 Amps three-phase. Similarly, single-phase loading on Clay City Ckt 2 LS 566 is reduced from 70 Amps to 39 Amps. Sufficient capacity is available for single-phase interties with Clay City Ckt 2 and Trapp Ckt 2.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since all local area feeder systems are operating at 12.47 kV and no load switching is available without the project.

Code 311 Cost: $144,188 Schedule: 2001	**Happy Top Project** **Clay City Ckt 4**
Location	The proposed project is located at Happy Top Road on the Clay City Ckt 4 feeder serving the Hardwicks Creek area of eastern Powell County, KY.
Scope	The proposed project involves converting 1.88-miles of #4 ACSR single-phase to 336 ACSR three-phase. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to improve voltage levels and reduce excessive single-phase loading and phase imbalance at LS 634. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by extending three-phase facilities to segregate load onto multiple phases. Three-phase facilities at LS 633 allows LS 6342 to be switched to the new three-phase section to improve voltage levels at LS 6342 and reduce single-phase loading at LS 634. Switching is available via a proposed single-phase tie line (Code 204) at LS 6337. A proposed three-phase tie line (Code 204) between Clay City Ckts 2 and 4 begins at the end of the proposed project construction.
Results	Extending new three-phase facilities at LS 633 improves voltage levels at LS 6342 from 116.8 Volts to 120.7 Volts and single-phase load at LS 634 is reduced from 62 Amps to 48 Amps. Feeder losses are reduced from 312 kW to 283 kW. Sufficient three-phase capacity is available for a three-phase tie line with Clay City Ckt 2 proposed within Code 204.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since all local area feeder systems are operating at 12.47 kV and no load switching is available without the project.
Code 312 Cost: $42,183 Schedule: 2003	**Black Creek Project** **Clay City Ckt 4**
Location	The proposed project is located at Highway 11 on the Clay City Ckt 4 feeder serving the Hardwicks Creek area of eastern Powell County, KY.
Scope	The proposed project involves converting 0.55-miles of #6 ACWC single-phase to 336 ACSR three-phase at LS 525. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to reduce excessive single-phase loading and phase imbalance. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by segregating load onto multiple phases.
Results	Loading at LS 525 is reduced from 63 Amps single-phase to 21 Amps three-phase.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since all local area feeder systems are operating at 12.47 kV and no load switching is available without the project.

Code 313 Cost: $90,501 Schedule: 2002	**Ewing Trail-North Bend Project Stanton Ckt 4**
Location	The proposed project is located at Ewing Trail-North Bend Road on the Stanton Ckt 4 feeder serving the Highway 213 area of northern Powell County, KY.
Scope	The proposed project involves converting 1.18-miles of #4 ACSR single-phase to 336 ACSR three-phase at LS's 615 and 6151. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to improve voltage levels and reduce excessive single-phase loading and phase imbalance at LS's 615 and 6151. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by segregating existing loads onto multiple phases. Three-phase facilities at the reported LS's allows a single-phase intertie with Bowen Ckt 3 at the end of the proposed project construction.
Results	Extending new three-phase facilities at the reported LS's improves voltage levels at LS 7450 from 114.9 Volts to 118.9 Volts. Loading at LS 615 is reduced from 87 Amps single-phase to 28 Amps three-phase.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since all local area feeder systems are operating at 12.47 kV and no load switching is available without the project.
Code 314 Cost: $48,318 Schedule: 2002	**Lower Paint Creek Project Stanton Ckt 4**
Location	The proposed project is located at Lower Paint Creek Road on the Stanton Ckt 4 feeder serving the Highway 213 area of northern Powell County, KY.
Scope	The proposed project involves converting 0.63-miles of #4 ACSR single-phase to 336 ACSR three-phase at LS 562. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to improve voltage and reduce excessive single-phase loading and phase imbalance at LS 562. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by segregating existing load onto multiple phases. Three-phase facilities at the reported LS allows a single-phase intertie with LS 5648 on the same feeder.
Results	Extending new three-phase facilities at the reported LS improves voltage levels at LS 5624 from 115.7 Volts to 122.2 Volts. Loading at LS 562 is reduced from 67 Amps single-phase to 22 Amps three-phase.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since all local area feeder systems are operating at 12.47 kV and no load switching is available without the project.

Code 315 Cost: $131,917 Schedule: 2002	**Furnace Mountain Project Stanton Ckt 3**
Location	The proposed project is located at Highway 213-Furnace Mountain Road on the Stanton Ckt 3 feeder serving the Highway 213, Highway 15, Hatton Creek and Furnace Mountain areas south of Stanton, KY in Powell County, KY.
Scope	The proposed project involves converting 1.72-miles of #6 ACWC single-phase to 336 ACSR three-phase at LS 651. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to improve voltage levels and reduce excessive single-phase loading and phase imbalance at LS 651. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by segregating existing loads onto multiple phases. Three-phase facilities at the reported LS allow a single-phase intertie with other portions of Stanton Ckt 3.
Results	Extending new three-phase facilities at the reported LS's and installing a single-phase regulator at LS 643 improves voltage levels at LS 6531 from 114.1 Volts to 123.5 Volts. Loading at LS 615 is reduced from 64 Amps single-phase to 21 Amps three-phase.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since all local area feeder systems are operating at 12.47 kV and no load switching is available without the project.
Code 316 Cost: $67,492 Schedule: 2001	**Charlie Norris-Four Mile Project Three Forks Ckt 3**
Location	The proposed project is located near the intersection of Charlie Norris and Four Mile Roads on the Three Forks Ckt 3 feeder serving the Union City area of northern Madison County, KY.
Scope	The proposed project involves converting 0.88-miles of #6 ACWC single-phase to 336 ACSR three-phase at LS 135. Project construction is planned within the same route as the existing single-phase circuit. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to reduce single-phase loading and phase imbalance at LS 135. Single-phase load is projected to exceed line current criteria for proper coordination. Protective coordination and sectionalization is improved by extending three-phase facilities to segregate load onto multiple phases. Continued residential development is anticipated to occur throughout the immediate area.
Results	Loading at LS 135 is reduced from 54 Amps single-phase to 18 Amps three-phase.
Alternatives	The proposed project is consistent with the current LRP. No other practical alternatives exist since the feeder system is already operating at 24.9 kV and no loads can be switched. No practical solution is available to resolve sectionalizing and protective coordination problems.

Code 317 Cost: $229,616 Schedule: 2002	**Happy Top-Highway 82-Adams Branch Project Clay City Ckt 2-Clay City Ckt 4**
Location	South of Clay City, KY at Happy Top Road in Powell County, KY.
Scope	The proposed project involves converting 2.18-miles of #4 ACSR single-phase to 336 ACSR three-phase. Proposed three-phase construction is planned within the same route as the existing single-phase circuit adjacent to Happy Top Road. Poles and equipment will be replaced as necessary. An additional 0.53-miles of related new 336 ACSR three-phase construction is proposed adjacent to highway right-of-way at the Mountain Parkway, Highway 82 and Highway 15 intersection. Similarly, an additional 0.70-miles of related new #2 ACSR single-phase construction is proposed adjacent to highway right-of-way at Happy Top Road.
Rationale	Project construction is necessary to develop a new intertie between Clay City Ckts 2 and 4 for contingency service to the Happy Top and Highway 82 areas south of Clay City, KY. Continued residential and commercial development is anticipated to occur throughout the immediate area. Three-phase and single-phase tie-line construction will begin at the end of other construction proposed within Code 311. The new single-phase portion of tie-line construction is necessary to switch LS 6342 load per Code 311.
Code 318 Cost: $378,112 Schedule: 2001	**Highway 36-Olympia Project Blevins Valley Ckt 2 - Frenchburg Ckt 1**
Location	South of Olympia, KY at Highway 36 in Bath County, KY.
Scope	The proposed project involves converting 4.93-miles of #6 ACWC and #4 ACSR two-phase to 336 ACSR three-phase. Proposed three-phase construction is planned within the same route as the existing single-phase circuit adjacent to Highway 36. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to develop an intertie between Blevins Valley Ckt 2 and Frenchburg Ckt 1 for contingency service to the Olympia, KY community and surrounding areas along Highway 36. Project construction will eliminate two-phase imbalance at LS 1040. Two-phase loading is projected to exceed line current criteria for proper coordination. Continued residential development is anticipated to occur throughout the immediate area. Protective coordination and sectionalization is improved by extending three-phase facilities to segregate load onto multiple phases.
Results	Excessive single-phase loading and imbalance is reduced from 58 Amps two-phase at LS 1040 to 35 Amps three-phase.
Code 319 Cost: $137,286 Schedule: 2002	**Bowen School-Cat Creek Project Stanton Ckt 2-Bowen Ckt 3**
Location	West of Bowen, KY at Highway 15 in Powell County, KY.
Scope	The proposed project involves converting 1.79-miles of #6 ACWC single-phase to 336 ACSR three-phase. Proposed three-phase construction is planned within the same route as the existing single-phase circuit adjacent to Highway 15. Poles and equipment will be replaced as necessary.
Rationale	Project construction is necessary to develop a new intertie between Stanton Ckt 2 and Bowen Ckt 3 for contingency service to Cat Creek and areas adjacent to Highway 15 between Stanton, KY and Bowen, KY. Continued residential development is anticipated to occur throughout the immediate area. Major portions of the existing intertie between Stanton Ckt 2 and Bowen Ckt 3 is located within the flood plain of the Red River and is regularly inaccessible for routine operations and maintenance.

Code 320 Cost: $31,680 Schedule: 2002	**Primary Underground Replacement Project at Rockwell Village Rockwell Ckt 3**
Location	West of Winchester, KY at Rockwell Road in Clark County, KY.
Scope	The proposed project involves replacing up to 0.30 miles of direct buried 1/0 Al primary conductor at Rockwell Village Mobile Home Park.
Code 321 Cost: $269,280 Schedule: 2001	**Primary Underground Replacement Project at Twin Knobs Recreation Area Cave Run Ckt 1**
Location	South of Farmers, KY at near Highway 801 in Rowan County, KY.
Scope	The proposed project involves replacing up to 1.70 miles of direct buried 1/0 Al at the Cave Run Reservoir, Twin Knobs Recreation Area.
Code 322 Cost: $1,056 Schedule: 2003	**Primary Underground Replacement Project at Van Village Stanton Ckt 2**
Location	East of Stanton, KY at Highway 15 in Powell County, KY.
Scope	The proposed project involves replacing up to 0.01 miles of direct buried 1/0 Al primary conductor at Van Village Mobile Home Park.

4.5 Cost Estimates

A majority of costs within the 1999-2003 CWP involves routine service-related and O&M activities. Routine activities within the CWP include new service construction, service upgrades, transformers, pole replacements, meters and security lights. Historical costs over the past five years and 1999-2003 CWP projections for these routine activities are summarized within Table No. 14 below. An RUS 740C type table inclusive of costs for routine activities, distribution equipment, system improvement projects and conductor replacements is provided on pages 32-37.

Table No. 14
Historical Cost Summary and Projections

Description	1994	1995	1996	1997	1998	CWP
New Customer OH Construction						
New Services Constructed	766	815	821	930	921	3800
Service Distance (Miles)	37.51	32.24	35.58	49.44	38.41	180.00
Cost of Constructed Services	$1,035,052	$904,085	$884,217	$1,417,450	$1,158,337	$5,935,600
Average Service Construction Cost	$1,351	$1,109	$1,077	$1,524	$1,258	$1,562
No. of Meters for New Services	766	815	821	930	921	3800
New Consumer UD Construction						
New Services Constructed	123	151	158	229	268	1350
Service Distance (Miles)	3.03	4.41	5.33	5.88	8.02	28.00
Cost of Constructed Services	$99,352	$161,371	$178,867	$209,865	$344,491	$1,748,250
Average Service Construction Cost	$808	$1,069	$1,132	$916	$1,285	$1,562
No. of Meters for New Services	123	151	158	229	268	1350
Increased Service Capacity						
No. of Service Capacity Increases	118	151	194	170	182	800
Cost of Entrance Changes	$60,610	$74,844	$96,104	$61,215	$92,424	$409,600
Average Cost of Entrance Changes	$514	$496	$495	$360	$508	$512
Security Lights						
No. of Security Lights Installed	427	558	513	463	353	1600
Cost of Security Lights	$78,812	$105,974	$106,652	$78,199	$58,542	$302,400
Average Cost of Installation	$185	$190	$208	$169	$166	$189
Pole Replacements						
No. of Poles Replaced	327	597	723	337	217	1700
Cost of Replacements	$180,400	$356,822	$496,725	$205,649	$140,508	$1,235,900
Average Cost of Replacements	$552	$598	$687	$610	$648	$727
Transformers						
No. of Transformers Installed	722	495	907	665	505	3200
Cost of Transformers	$441,698	$338,275	$626,594	$456,912	$393,650	$2,585,600
Average Cost of Transformers	$612	$683	$691	$687	$780	$808
Meters						
No. of Meters Installed	957	1018	722	1108	1136	5600
Cost of Meters	$95,068	$88,751	$93,539	$116,480	$113,169	$632,800
Average Cost of Meters	$99	$87	$130	$105	$100	$113

1999-2003 Construction Work Plan
Distribution Cost Estimates - RUS Form 740C

Code	Service Membership					Loan Cost
	Description			Miles	Quantity	Cost	
100	Underground Service Membership Construction			28.00	1350	$1,295	$1,748,250
	Overhead Service Membership Construction			180.00	3800	$1,562	$5,935,600
	Subtotal						**$7,683,850**

Code	New Tie-Lines						Loan Cost
	Description	County	Circuit	LS	Miles	Cost/Mi	
201	**Cat Ck-Cow Ck-High Rock Project**						
	Bowen Ckts 1, 2 and 3						
201.01	New 1P, 2 ACSR	Powell	Bowen Ckt 3	7626	1.02	$31,099	$31,721
201.02	New 1P, 2 ACSR	Powell	Bowen Ckt 3	7626	0.94	$31,099	$29,233
	Code Subtotal				**1.96**		**$60,954**
202	**Beech Fork-Rex Townsend Rd Project**						
	Clay City Ckt 4						
	New 1P, 2 ACSR	Powell	Clay City Ckt 4	5762	0.31	$31,099	$9,641
	Code Subtotal				**0.31**		**$9,641**
203	**Log Lick-Snow Creek Project**						
	Trapp Ckt 2-Clay City Ckt 2						
203.01	New 1P, 2 ACSR	Clark	Trapp Ckt 2	3661	0.47	$31,099	$14,617
203.02	New 1P, 2 ACSR	Clark	"	3663	0.39	$31,099	$12,129
203.03	New 1P, 2 ACSR	Powell	Trapp Ckt 2	603	0.31	$31,099	$9,641
	Code Subtotal				**1.17**		**$36,387**
204	**Hatton Creek-Caudill Rd Project**						
	Stanton Ckt 3						
	New 1P, 2 ACSR	Powell	Stanton Ckt 3	6267	0.31	$31,099	$9,641
	Code Subtotal				**0.31**		**$9,641**
205	**Dry Fork-Ruckerville-Pilot View Project**						
	Hunt Ckt 1						
205.01	New 1P, 336 ACSR	Clark	Hunt Ckt 1	2711	0.63	$35,000	$22,050
205.02	New 1P, 336 ACSR	"	"	3032	0.47	$35,000	$16,450
205.03	New 1P, 336 ACSR	Clark	Hunt Ckt 1	274	1.17	$35,000	$40,950
	Code Subtotal				**2.27**		**$79,450**
206	**Hampton Ridge Project**						
	Three Forks Ckt 3						
206.01	New 3P, 336 ACSR	Madison	Three Forks Ckt 3	131	0.89	$76,696	$68,259
206.02	New 3P, 336 ACSR	Madison	Three Forks Ckt 3	11399	0.91	$76,696	$69,793
	Code Subtotal				**1.80**		**$138,052**
	Subtotal - Code 200's				**7.82 Miles**		**$334,125**

Code	Conversion and Line Changes						Loan Cost
	Description	County	Circuit	LS	Miles	Cost/Mi	
301	**Denniston-Wellington Project**						
301.01	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Menifee	Mariba Ckt 2	1130	1.38	$76,696	$105,840
301.02	Voltage conversion; 3P, 1/0 ACSR	"	"	1122	1.19	$12,192	$14,508
301.03	Voltage conversion; 3P, 1/0 ACSR	"	"	1124	0.62	$12,192	$7,559
301.04	Voltage conversion; 3P, 336 ACSR	"	"	11241	0.99	$12,192	$12,070
301.05	Voltage conversion; 1P, 4 ACSR	"	"	1127	0.38	$7,293	$2,771
301.06	Voltage conversion; 1P, 4 ACSR	"	"	1125	0.62	$7,293	$4,522
301.07	Voltage conversion; 1P, 4 ACSR	"	"	1101	1.40	$7,293	$10,210
301.08	Voltage conversion; 1P, 6 ACWC	"	"	11011	1.48	$7,293	$10,794
301.09	Voltage conversion; 1P, 6 ACWC	"	"	11012	0.74	$7,293	$5,397
301.10	Voltage conversion; 1P, 6 ACWC	"	"	11013	1.30	$7,293	$9,481
301.11	Voltage conversion; 1P, 6 ACWC	"	"	1100	1.10	$7,293	$8,022
301.12	Voltage conversion; 1P, 4 ACSR	"	"	1128	1.41	$7,293	$10,283

Code	Conversion and Line Changes						Loan Cost
	Description	County	Circuit	LS	Miles	Cost/Mi	
301.13	Voltage conversion; 1P, 4 ACSR	"	"	11281	0.98	$7,293	$7,147
301.14	Voltage conversion; 1P, 4 ACSR	"	"	1126	1.00	$7,293	$7,293
301.15	Voltage conversion; 1P, 4 ACSR	"	"	11261	1.54	$7,293	$11,231
301.16	Voltage conversion; 1P, 6 ACWC	"	"	11302	0.55	$7,293	$4,011
301.17	Voltage conversion; 1P, 6 ACWC	"	"	1145	1.46	$7,293	$10,648
301.18	Voltage conversion; 1P, 6 ACWC	"	"	11456	0.97	$7,293	$7,074
301.19	Voltage conversion; 1P, 6 ACWC	"	"	11457	0.18	$7,293	$1,313
301.20	Voltage conversion; 1P, 4 ACSR	"	"	11450	0.16	$7,293	$1,167
301.21	Voltage conversion; 1P, 4 ACSR	"	"	1141	0.77	$7,293	$5,616
301.22	Voltage conversion; 1P, 6 ACWC	"	"	11411	1.17	$7,293	$8,533
301.23	Voltage conversion; 1P, 4 ACSR	"	"	11412	0.63	$7,293	$4,595
301.24	Voltage conversion; 1P, 6 ACWC	"	"	11413	0.66	$7,293	$4,813
301.25	Voltage conversion; 1P, 6 ACWC	"	"	11414	0.74	$7,293	$5,397
301.26	Voltage conversion; 1P, 6 ACWC	"	"	11415	1.03	$7,293	$7,512
301.27	Voltage conversion; 1P, 6 ACWC	"	"	1142	0.89	$7,293	$6,491
301.28	Voltage conversion; 1P, 4 ACSR	"	"	1143	0.91	$7,293	$6,637
301.29	Voltage conversion; 1P, 6 ACWC	"	"	1144	0.52	$7,293	$3,792
301.30	Voltage conversion; 1P, 6 ACWC	"	"	11441	0.34	$7,293	$2,480
301.31	Voltage conversion; 1P, 6 ACWC	"	"	11442	1.12	$7,293	$8,168
301.32	Voltage conversion; 1P, 2 ACSR	"	"	11443	0.70	$7,293	$5,105
301.33	Voltage conversion; 1P, 2 ACSR	"	"	11451	1.30	$7,293	$9,481
301.34	Voltage conversion; 1P, 4 ACSR	"	"	1146	1.33	$7,293	$9,700
301.35	Voltage conversion; 1P, 4 ACSR	"	"	11301	1.23	$7,293	$8,970
301.36	Voltage conversion; 1P, 4 ACSR	Menifee	Mariba Ckt 2	1123	1.34	$7,293	$9,773
	Code Subtotal				**34.13**		**$358,404**
302	**Jeffersonville-Hwy 460-Means Project**						
302.01	Voltage conversion; 3P, 336 ACSR	Menifee	Jeffersonville Ckt 2	7302	0.23	$12,192	$2,804
302.02	Voltage conversion; 3P, 336 ACSR	"	"	7301	0.35	$12,192	$4,267
302.03	Voltage conversion; 3P, 336 ACSR	"	"	730	0.28	$12,192	$3,414
302.04	Voltage conversion; 3P, 1/0 CU	"	"	728	0.24	$12,192	$2,926
302.05	Voltage conversion; 1P, 6 ACWC	"	"	7281	0.79	$7,293	$5,761
302.06	Voltage conversion; 3P, 2 ACSR	"	"	731	0.28	$12,192	$3,414
302.07	Voltage conversion; 3P, 2 ACSR	"	"	7311	0.66	$12,192	$8,047
302.08	Voltage conversion; 3P, 2 ACSR	"	"	732	1.12	$12,192	$13,655
302.09	Voltage conversion; 1P, 6 ACWC	"	"	743	1.67	$7,293	$12,179
302.10	Voltage conversion; 1P, 6 ACWC	"	"	7431	1.37	$7,293	$9,991
302.11	Voltage conversion; 3P, 1/0 CU	"	"	744	0.65	$12,192	$7,925
302.12	Voltage conversion; 3P, 1/0 CU	"	"	7441	1.00	$12,192	$12,192
302.13	Voltage conversion; 1P, 4 ACSR	Menifee	Jeffersonville Ckt 2	7442	0.63	$7,293	$4,595
	Code Subtotal				**9.27**		**$91,170**
303	**Hope-Means Road Project**						
303.01	Voltage conversion; 3P, 1/0 CU	Montgomery	Hope Ckt 2	717	0.92	$12,192	$11,217
303.02	Voltage conversion; 3P, 1/0 CU	"	"	7171	0.57	$12,192	$6,949
303.03	Voltage conversion; 3P, 1/0 CU	"	"	718	0.80	$12,192	$9,754
303.04	Voltage conversion; 3P, 1/0 CU	"	"	7181	0.11	$12,192	$1,341
303.05	Voltage conversion; 1P, 6 ACWC	"	"	7182	1.53	$7,293	$11,158
303.06	Voltage conversion; 3P, 1/0 CU	"	"	7183	0.18	$12,192	$2,195
303.07	Voltage conversion; 3P, 1/0 CU	"	"	722	0.53	$12,192	$6,462
303.08	Voltage conversion; 3P, 1/0 CU	"	"	7221	0.89	$12,192	$10,851
303.09	Voltage conversion; 3P, 1/0 CU	"	"	7282	0.59	$12,192	$7,193
303.10	Voltage conversion; 1P, 6 ACWC	"	"	723	1.24	$7,293	$9,043
303.11	Voltage conversion; 1P, 6 ACWC	"	"	7230	1.51	$7,293	$11,012
303.12	Voltage conversion; 1P, 6 ACWC	"	"	7231	1.15	$7,293	$8,387
303.13	Voltage conversion; 1P, 6 ACWC	"	"	7232	1.81	$7,293	$13,200
303.14	Voltage conversion; 1P, 6 ACWC	"	"	721	0.94	$7,293	$6,855
303.15	Voltage conversion; 1P, 6 ACWC	"	"	7211	0.43	$7,293	$3,136
303.16	Voltage conversion; 1P, 6 ACWC	"	"	7212	0.69	$7,293	$5,032
303.17	Voltage conversion; 1P, 6 ACWC	"	"	7213	0.66	$7,293	$4,813
303.18	Voltage conversion; 1P, 6 ACWC	"	"	7214	0.06	$7,293	$438
303.19	Voltage conversion; 1P, 6 ACWC	"	"	7215	0.52	$7,293	$3,792
303.20	Voltage conversion; 1P, 6 ACWC	"	"	7216	0.72	$7,293	$5,251
303.21	Voltage conversion; 1P, 6 ACWC	"	"	7217	0.45	$7,293	$3,282
303.22	Voltage conversion; 1P, 6 ACWC	"	"	7218	0.80	$7,293	$5,834
303.23	Voltage conversion; 1P, 6 ACWC	"	"	7219	0.14	$7,293	$1,021
303.24	Voltage conversion; 1P, 6 ACWC	"	"	1746	0.81	$7,293	$5,907
303.25	Voltage conversion; 1P, 6 ACWC	"	"	7145	0.50	$7,293	$3,647
303.26	Voltage conversion; 1P, 6 ACWC	"	"	7143	0.22	$7,293	$1,604
303.27	Voltage conversion; 1P, 6 ACWC	"	"	7144	0.50	$7,293	$3,647
303.28	Voltage conversion; 1P, 6 ACWC	Montgomery	Hope Ckt 2	7210	1.01	$7,293	$7,366
	Code Subtotal				**20.28**		**$170,387**

Code	Conversion and Line Changes						Loan Cost
	Description	County	Circuit	LS	Miles	Cost/Mi	
304	**Spencer Road Project**						
304.01	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Montgomery	Hope Ckt 3	713	0.55	$76,696	$42,183
304.02	Voltage conversion; 1P, 4 ACSR	"	"	6722	1.27	$7,293	$9,262
304.03	Voltage conversion; 1P, 6 ACWC	"	"	672	1.29	$7,293	$9,408
304.04	Voltage conversion; 1P, 4 ACSR	"	"	659	0.34	$7,293	$2,480
304.05	Voltage conversion; 1P, 4 ACSR	"	"	671	0.98	$7,293	$7,147
304.06	Voltage conversion; 1P, 4 ACSR	"	"	6712	0.73	$7,293	$5,324
304.07	Voltage conversion; 1P, 4 ACSR	"	"	6713	0.87	$7,293	$6,345
304.08	Voltage conversion; 1P, 4 ACSR	"	"	658	0.51	$7,293	$3,719
304.09	Voltage conversion; 1P, 4 ACSR	"	"	654	1.49	$7,293	$10,867
304.10	Voltage conversion; 1P, 4 ACSR	"	"	6581	1.26	$7,293	$9,189
304.11	Voltage conversion; 1P, 4 ACSR	"	"	670	1.02	$7,293	$7,439
304.12	Voltage conversion; 1P, 4 ACSR	"	"	6701	1.31	$7,293	$9,554
304.13	Voltage conversion; 1P, 4 ACSR	"	"	6721	1.49	$7,293	$10,867
304.14	Voltage conversion; 3P, 6 ACWC	"	"	704	0.54	$12,192	$6,584
304.15	Voltage conversion; 3P, 6 ACWC	"	"	7041	0.23	$12,192	$2,804
304.16	Voltage conversion; 3P, 6 ACWC	"	"	4721	0.43	$12,192	$5,243
304.17	Voltage conversion; 3P, 6 ACWC	"	"	472	0.84	$12,192	$10,241
304.18	Voltage conversion; 1P, 4 ACSR	"	"	471	1.07	$7,293	$7,804
304.19	Voltage conversion; 1P, 4 ACSR	"	"	4711	1.17	$7,293	$8,533
304.20	Voltage conversion; 3P, 6 ACWC	"	"	708	0.98	$12,192	$11,948
304.21	Voltage conversion; 1P, 4 ACSR	"	"	703	1.36	$7,293	$9,918
304.22	Voltage conversion; 1P, 4 ACSR	"	"	473	1.11	$7,293	$8,095
304.23	Voltage conversion; 1P, 4 ACSR	"	"	4731	0.80	$7,293	$5,834
304.24	Voltage conversion; 1P, 4 ACSR	"	"	4732	0.11	$7,293	$802
304.25	Voltage conversion; 1P, 4 ACSR	"	"	4733	0.10	$7,293	$729
304.26	Voltage conversion; 1P, 4 ACSR	"	"	474	1.36	$7,293	$9,918
304.27	Voltage conversion; 1P, 4 ACSR	"	"	475	1.44	$7,293	$10,502
304.28	Voltage conversion; 1P, 4 ACSR	"	"	4734	0.61	$7,293	$4,449
304.29	Voltage conversion; 1P, 4 ACSR	"	"	715	1.13	$7,293	$8,241
304.30	Voltage conversion; 1P, 4 ACSR	"	"	7151	1.00	$7,293	$7,293
304.31	Voltage conversion; 1P, 4 ACSR	"	"	7153	0.29	$7,293	$2,115
304.32	Voltage conversion; 1P, 4 ACSR	"	"	7154	0.81	$7,293	$5,907
304.33	Voltage conversion; 1P, 4 ACSR	"	"	7155	0.29	$7,293	$2,115
304.34	Voltage conversion; 1P, 4 ACSR	"	"	720	1.04	$7,293	$7,585
304.35	Voltage conversion; 1P, 4 ACSR	"	"	714	1.27	$7,293	$9,262
304.36	Voltage conversion; 1P, 4 ACSR	"	"	7140	0.75	$7,293	$5,470
304.37	Voltage conversion; 1P, 4 ACSR	"	"	7142	0.93	$7,293	$6,782
304.38	Voltage conversion; 1P, 4 ACSR	"	"	7141	0.44	$7,293	$3,209
304.39	Voltage conversion; 1P, 4 ACSR	"	"	716	0.73	$7,293	$5,324
304.40	Voltage conversion; 1P, 4 ACSR	"	"	7161	0.91	$7,293	$6,637
304.41	Voltage conversion; 1P, 4 ACSR	"	"	6681	0.74	$7,293	$5,397
304.42	Voltage conversion; 1P, 4 ACSR	"	Hope Ckt 3	668	0.58	$7,293	$4,230
304.43	Voltage conversion; 1P, 4 ACSR	"	Blevins Valley Ckt 3	668	0.58	$7,293	$4,230
304.44	Voltage conversion; 1P, 4 ACSR	Montgomery	Blevins Valley Ckt 3	6681	0.74	$7,293	$5,397
	Code Subtotal				**37.49**		**$326,382**
305	**Blevins Valley Road Project**						
305.01	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Bath	Blevins Valley Ckt 1	700	0.39	$76,696	$29,911
305.02	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	"	"	7006	0.54	$76,696	$41,416
305.03	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	"	"	7002	1.01	$76,696	$77,463
305.04	Voltage conversion; 1P, 4 ACSR	"	"	7001	0.80	$7,293	$5,834
305.05	Voltage conversion; 1P, 6 ACWC	"	"	662	0.52	$7,293	$3,792
305.06	Voltage conversion; 1P, 4 ACSR	"	"	660	0.28	$7,293	$2,042
305.07	Voltage conversion; 1P, 4 ACSR	"	"	6601	0.58	$7,293	$4,230
305.08	Voltage conversion; 1P, 4 ACSR	"	"	6602	0.84	$7,293	$6,126
305.09	Voltage conversion; 1P, 6 ACWC	"	"	657	1.30	$7,293	$9,481
305.10	Voltage conversion; 1P, 4 ACSR	"	"	656	0.28	$7,293	$2,042
305.11	Voltage conversion; 1P, 4 ACSR	"	"	6561	1.21	$7,293	$8,825
305.12	Voltage conversion; 1P, 4 ACSR	"	"	6562	1.07	$7,293	$7,804
305.13	Voltage conversion; 1P, 4 ACSR	"	"	6563	1.66	$7,293	$12,106
305.14	Voltage conversion; 1P, 4 ACSR	"	"	655	1.52	$7,293	$11,085
305.15	Voltage conversion; 1P, 4 ACSR	"	"	661	1.19	$7,293	$8,679
305.16	Voltage conversion; 1P, 4 ACSR	"	"	664	1.00	$7,293	$7,293
305.17	Voltage conversion; 1P, 4 ACSR	"	"	665	1.04	$7,293	$7,585
305.18	Voltage conversion; 1P, 4 ACSR	"	"	6651	1.15	$7,293	$8,387
305.19	Voltage conversion; 1P, 4 ACSR	"	"	6731	0.97	$7,293	$7,074
305.20	Voltage conversion; 1P, 4 ACSR	"	"	673	0.77	$7,293	$5,616
305.21	Voltage conversion; 1P, 4 ACSR	"	Blevins Valley Ckt 1	673	0.77	$7,293	$5,616
305.22	Voltage conversion; 1P, 4 ACSR	Bath	Blevins Valley Ckt 3	6731	0.97	$7,293	$7,074
	Code Subtotal				**19.86**		**$279,481**

Code	Conversion and Line Changes						Loan Cost
	Description	County	Circuit	LS	Miles	Cost/Mi	
306	**Fayette County Project**						
306.01	Voltage conversion; 1P, 4 ACSR	Fayette	Hunt Ckt 4	42	0.87	$7,293	$6,345
306.02	Voltage conversion; 3P, 1/0 ACSR	"	"	43	0.52	$12,192	$6,340
306.03	Voltage conversion; 1P, 4 ACSR	"	"	44	0.36	$7,293	$2,625
306.04	Voltage conversion; 1P, 4 ACSR	"	"	44000	1.89	$7,293	$13,784
306.05	Voltage conversion; 3P, 1/0 ACSR	"	"	45	0.32	$12,192	$3,901
306.06	Voltage conversion; 3P, 1/0 ACSR	"	"	46	0.10	$12,192	$1,219
306.07	Voltage conversion; 3P, 1/0 ACSR	"	"	46000	1.27	$12,192	$15,484
306.08	Voltage conversion; 1P, 4 ACSR	"	"	50	0.64	$7,293	$4,668
306.09	Voltage conversion; 1P, 6 ACWC	"	"	38	0.70	$7,293	$5,105
306.10	Voltage conversion; 1P, 6 ACWC	"	"	38000	1.30	$7,293	$9,481
306.11	Voltage conversion; 1P, 6 ACWC	"	"	38001	1.01	$7,293	$7,366
306.12	Voltage conversion; 3P, 1/0 ACSR	"	"	45000	1.12	$12,192	$13,655
306.13	Voltage conversion; 1P, 4 ACSR	"	"	45001	0.20	$7,293	$1,459
306.14	Voltage conversion; 1P, 4 ACSR	"	"	53	1.77	$7,293	$12,909
306.15	Voltage conversion; 1P, 4 ACSR	"	"	54	0.74	$7,293	$5,397
306.16	Voltage conversion; 1P, 4 ACSR	"	"	54002	0.38	$7,293	$2,771
306.17	Voltage conversion; 1P, 4 ACSR	"	"	54003	1.31	$7,293	$9,554
306.18	Voltage conversion; 1P, 4 ACSR	"	"	52	1.75	$7,293	$12,763
306.19	Voltage conversion; 1P, 4 ACSR	"	"	51	1.19	$7,293	$8,679
306.20	Voltage conversion; 1P, 4 ACSR	"	"	52000	0.07	$7,293	$511
306.21	Voltage conversion; 1P, 4 ACSR	"	"	52001	0.67	$7,293	$4,886
306.22	Voltage conversion; 1P, 4 ACSR	Fayette	Hunt Ckt 4	52002	0.08	$7,293	$583
	Code Subtotal				**18.26**		**$149,485**
307	**Highway 213 Project**						
307.01	Voltage conversion; 1P, 6 ACWC	Montgomery	Jeffersonville Ckt 1	532	0.90	$7,293	$6,564
307.02	Voltage conversion; 1P, 6 ACWC	Montgomery	Jeffersonville Ckt 1	5321	1.00	$7,293	$7,293
	Code Subtotal				**1.90**		**$13,857**
308	**Dan Ridge Project**						
308.01	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Menifee	Frenchburg Ckt 4	1135	1.08	$76,696	$82,832
308.02	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	"	"	11357	0.31	$76,696	$23,776
308.03	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Menifee	Frenchburg Ckt 4	11358	0.18	$76,696	$13,805
	Code Subtotal				**1.57**		**$120,413**
309	**Cat Creek Project**						
309.01	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Powell	Bowen Ckt 3	761	0.64	$76,696	$49,085
309.02	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	"	"	762	0.15	$76,696	$11,504
309.03	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Powell	Bowen Ckt 3	7622	0.93	$76,696	$71,327
	Code Subtotal				**1.72**		**$131,916**
310	**Virden Ridge Project**						
310.01	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Powell	Clay City Ckt 1	9557	0.92	$76,696	$70,560
310.02	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Powell	Clay City Ckt 1	95571	0.48	$76,696	$36,814
	Code Subtotal				**1.40**		**$107,374**
311	**Happy Top Project**						
	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Powell	Clay City Ckt 4	633	1.88	$76,696	$144,188
	Code Subtotal				**1.88**		**$144,188**
312	**Black Creek Project**						
	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Powell	Clay City Ckt 4	525	0.55	$76,696	$42,183
	Code Subtotal				**0.55**		**$42,183**
313	**Ewing Trail-North Bend Project**						
313.01	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Powell	Stanton Ckt 4	615	0.68	$76,696	$52,153
313.02	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Powell	Stanton Ckt 4	6151	0.50	$76,696	$38,348
	Code Subtotal				**1.18**		**$90,501**
314	**Lower Paint Creek Project**						
	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	Powell	Stanton Ckt 4	562	0.63	$76,696	$48,318
	Code Subtotal				**0.63**		**$48,318**
315	**Furnace Mountain Project**						
	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Powell	Stanton Ckt 3	651	1.72	$76,696	$131,917
	Code Subtotal				**1.72**		**$131,917**
316	**Charlie Norris-Four Mile Project**						
	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Madison	Three Forks Ckt 3	135	0.88	$76,696	$67,492
	Code Subtotal				**0.88**		**$67,492**

Code	Conversion and Line Changes						Loan Cost
	Description	County	Circuit	LS	Miles	Cost/Mi	
317	**Happy Top-Hwy 82-Adams Br Project**						
	Clay City Ckt 2-Clay City Ckt 4						
317.01	New 3P, 336 ACSR	Powell	Clay City Ckt 2	6052	0.53	$76,696	$40,649
317.02	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	"	"	606	0.19	$76,696	$14,572
317.03	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	"	"	6062	0.51	$76,696	$39,115
317.04	Conversion; 1P, 2 ACSR to 3P, 336 ACSR	"	Clay City Ckt 2	60621	0.54	$76,696	$41,416
317.05	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	"	Clay City Ckt 4	6331	0.60	$76,696	$46,018
317.06	Conversion; 1P, 4 ACSR to 3P, 336 ACSR	"	"	6335	0.34	$76,696	$26,077
317.07	New 1P, 2 ACSR	Powell	Clay City Ckt 4	6337	0.70	$31,099	$21,769
	Code Subtotal				**3.41**		**$229,616**
318	**Highway 36-Olympia Project**						
	Blevins Valley Ckt 2 - F'burg Ckt 1						
318.01	Conversion; 2P, 6 ACWC to 3P, 336 ACSR	Bath	Frenchburg Ckt 1	1040	0.87	$76,696	$66,726
318.02	Conversion; 2P, 4 ACSR to 3P, 336 ACSR	"	"	10375	1.42	$76,696	$108,908
318.03	Conversion; 2P, 4 ACSR to 3P, 336 ACSR	"	"	10372	0.24	$76,696	$18,407
318.04	Conversion; 2P, 4 ACSR to 3P, 336 ACSR	"	Frenchburg Ckt 1	1037	0.43	$76,696	$32,979
318.05	Conversion; 2P, 4 ACSR to 3P, 336 ACSR	"	Blevins Valley Ckt 2	702	1.11	$76,696	$85,133
318.06	Conversion; 2P, 4 ACSR to 3P, 336 ACSR	"	"	7021	0.79	$76,696	$60,590
318.07	Conversion; 2P, 4 ACSR to 3P, 336 ACSR	Bath	Blevins Valley Ckt 2	10376	0.07	$76,696	$5,369
	Code Subtotal				**4.93**		**$378,112**
319	**Bowen School-Cat Creek Project**						
	Stanton Ckt 2-Bowen Ckt 3						
319.01	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Powell	Bowen Ckt 3	763	0.76	$76,696	$58,289
319.02	Conversion; 1P, 6 ACWC to 3P, 336 ACSR	Powell	Bowen Ckt 3	7631	1.03	$76,696	$78,997
	Code Subtotal				**1.79**		**$137,286**
320	**Rockwell Village UD Project**						
	Replace UD; 1P, 1/0 w/ 1P, 1/0 AC	Clark	Rockwell Ckt 3	1303	0.30	$105,600	$31,680
	Code Subtotal				**0.30**		**$31,680**
321	**Twin Knobs UD Project**						
	Replace UD; 3P, 1/0 w/ 3P, 1/0 AC	Rowan	Cave Run Ckt 1	1027	1.70	$158,400	$269,280
	Code Subtotal				**1.70**		**$269,280**
322	**Van Village UD Project**						
	Replace UD; 1P, 1/0 w/ 1P, 1/0 AC	Powell	Stanton Ckt 2	747	0.01	$105,600	$1,056
	Code Subtotal				**0.01**		**$1,056**
	Subtotal - Code 300's				**164.86 Miles**		**$3,320,498**

Code	Miscellaneous Distribution Equipment & Ordinary Replacements			
	Description	Quantity	Cost	Loan Cost
601	Underground Meters	1200	$113	$135,600
	Overhead Meters	4400	$113	$497,200
	Underground Transformers	600	$808	$484,800
	Overhead Transformers	2600	$808	$2,100,800
	Total Transformers and Meters			$3,218,400
602	Service Entrance Changes	800	$512	$409,600
603	Three-Phase Reclosers - Electronic	13	$20,000	$260,000
	Single-Phase Reclosers - Hydraulic	120	$3,500	$420,000
	Single-Phase Reclosers - Electronic	12	$8,000	$96,000
	Air Break Switches	12	$5,000	$60,000
	Total Reclosers and Air Break Switches			$836,000
604	100 Amp Voltage Regulators	0	$8,500	$0
605	600 kVAR Switched Capacitor Banks, Appurtenances, & Controls	16	$2,500	$40,000
701	Security Light Installations	1600	$189	$302,400

Ordinary Replacements - Poles and Conductor

Description	County	Circuit	LS	Quan/Miles	Cost	
606.01 System Pole Replacements				1700	$727	$1,235,900

	Ordinary Replacements - Poles and Conductor						
	Description	County	Circuit	LS	Quan/Miles	Cost	
606.02	**Spencer Road Project**						
	Conversion; 3P, 6 ACWC to 336 ACSR	Montgomery	Hope Ckt 3	707	0.92	$69,026	$63,504
	Conversion; 3P, 6 ACWC to 336 ACSR	"	"	706	0.71	$69,026	$49,008
	Conversion; 3P, 6 ACWC to 336 ACSR	"	"	709	0.67	$69,026	$46,247
	Conversion; 3P, 6 ACWC to 336 ACSR	"	"	7091	0.82	$69,026	$56,601
	Conversion; 3P, 6 ACWC to 336 ACSR	Montgomery	Hope Ckt 3	705	0.62	$69,026	$42,796
	Project Subtotal				**3.74**		**$258,156**
606.03	**Highway 213 Project**						
	Conversion; 1P, 6 ACWC to 336 ACSR	Montgomery	Jeffersonville Ckt 1	532	0.90	$31,500	$28,350
	Conversion; 1P, 6 ACWC to 336 ACSR	Montgomery	Jeffersonville Ckt 1	5321	1.00	$31,500	$31,500
	Project Subtotal				**1.90**		**$59,850**
606.04	**Adams Branch-Highway 82 Project**						
	Conversion; 3P, 6 ACWC to 336 ACSR	Powell	Clay City Ckt 2	6052	0.21	$69,026	$14,495
	Conversion; 3P, 6 ACWC to 336 ACSR	Powell	Clay City Ckt 2	568	0.08	$69,026	$5,522
	Project Subtotal				**0.29**		**$20,017**
606.05	**McCausey Ridge Project**						
	Conversion; 3P, 2 ACSR to 1/0 ACSR	Menifee	Frenchburg Ckt 2	11101	0.19	$65,842	$12,510
	Conversion; 3P, 2 ACSR to 1/0 ACSR	Menifee	Frenchburg Ckt 2	1110	0.65	$65,842	$42,797
	Project Subtotal				**0.84**		**$55,307**
606.06	**Big Hardwicks Creek Project**						
	Conversion; 1P, #4 ACSR to 336 ACSR	Powell	Clay City Ckt 4	641	0.39	$31,500	$12,285
	Project Subtotal				**0.39**		**$12,285**
	Total Conductor Replacements				**6.32**	**(MILES)**	**$405,615**
	Total Ordinary Replacements (All ordinary replacements are net removal costs and original plant.)						$1,641,515
	Subtotal - Misc. Dist. Equip. & Ordinary Replacements						**$6,447,915**
	Construction Work Plan Total						**$17,786,388**

5 Appendix

The Appendix provides various support documentation used in preparation of the 1999-2003 CWP. The Appendix Table of Contents below illustrates the appropriate page or tabbed section in which the listed support documentation is located. A load flow circuit analysis of the distribution system for the 1999-2003 CWP is provided within the tabbed sections. Facility maps of the distribution system used to illustrate by code all proposed system improvement projects are contained in protective sleeves inside the back cover. Each of the maps provide voltage drop boxes illustrating voltage levels before and after recommended system improvements.

Table No. 15
Appendix Table of Contents

Total System Cost Rate Analysis

System Cost Rate

Date	O&M	TAX	AGE	Total	Forecast
1976	3.42%	0.81%	2.44%	6.67%	7.18%
1977	3.79%	0.79%	2.62%	7.20%	7.31%
1978	3.83%	0.82%	2.64%	7.29%	7.45%
1979	3.88%	0.87%	2.63%	7.39%	7.59%
1980	4.34%	0.82%	2.50%	7.66%	7.73%
1981	4.23%	0.85%	2.61%	7.69%	7.86%
1982	5.13%	0.86%	2.60%	8.58%	8.00%
1983	4.12%	0.95%	2.78%	7.85%	8.14%
1984	4.15%	0.92%	2.90%	7.97%	8.28%
1985	4.74%	0.93%	2.98%	8.65%	8.41%
1986	4.35%	0.92%	3.05%	8.32%	8.55%
1987	4.41%	0.94%	3.05%	8.40%	8.69%
1988	5.13%	0.91%	3.11%	9.15%	8.82%
1989	4.61%	0.91%	3.56%	9.09%	8.96%
1990	5.00%	0.89%	3.49%	9.37%	9.10%
1991	4.74%	0.93%	3.71%	9.38%	9.24%
1992	6.29%	0.98%	3.42%	10.68%	9.37%
1993	6.69%	1.12%	3.26%	11.07%	9.51%
1994	6.33%	1.07%	3.58%	10.98%	9.65%
1995	5.39%	1.11%	3.46%	9.95%	9.78%
1996	5.00%	0.97%	3.48%	9.45%	9.92%
1997	4.65%	0.89%	3.38%	8.92%	10.06%
1998	6.15%	0.04%	1.89%	8.09%	10.20%
1999					10.33%

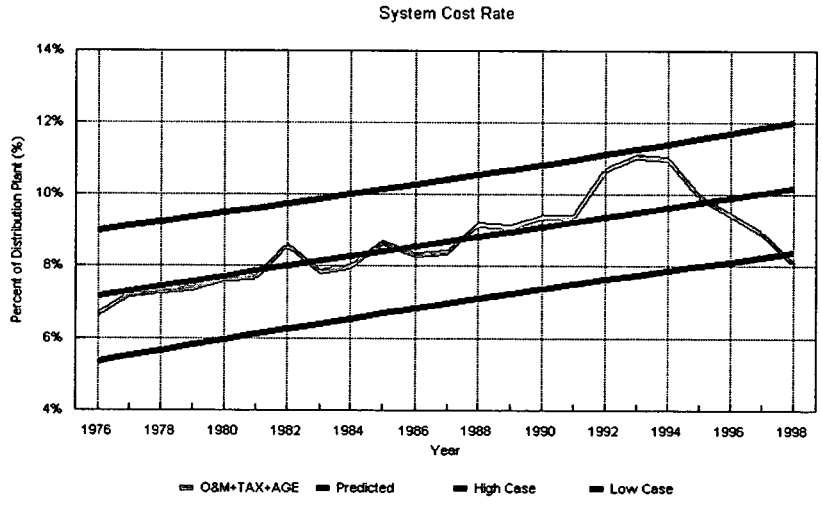
Annual Financial Report Data

Year	DE-Oper	DE-Main	AGE	TX-Prop	TX-Misc	DIST-Plant	TOTAL-Plant
1976	$151,422	$210,302	$293,666	$69,242	$27,970	$10,576,466	$12,040,404
1977	$151,801	$291,700	$345,339	$71,286	$33,370	$11,704,189	$13,175,270
1978	$190,928	$293,390	$374,762	$82,717	$34,008	$12,641,878	$14,204,567
1979	$179,901	$348,618	$402,169	$91,995	$40,902	$13,618,346	$15,263,646
1980	$216,967	$419,203	$408,829	$86,859	$46,616	$14,658,735	$16,353,629
1981	$234,925	$430,418	$457,008	$89,700	$59,525	$15,733,079	$17,540,401
1982	$288,509	$561,791	$473,831	$86,248	$69,785	$16,590,835	$18,218,285
1983	$254,197	$466,727	$535,100	$98,627	$84,117	$17,488,056	$19,271,670
1984	$251,853	$521,154	$597,125	$107,939	$80,576	$18,612,348	$20,589,540
1985	$270,106	$668,417	$651,596	$115,800	$86,500	$19,814,585	$21,831,439
1986	$275,263	$636,002	$696,705	$117,600	$92,409	$20,928,844	$22,841,819
1987	$274,477	$695,048	$730,811	$136,125	$89,107	$21,978,641	$23,959,190
1988	$380,769	$811,562	$786,724	$132,000	$98,770	$23,245,529	$25,287,426
1989	$326,614	$799,619	$956,985	$141,000	$103,864	$24,406,768	$26,879,523
1990	$377,645	$916,592	$997,156	$141,000	$113,376	$25,908,614	$28,580,357
1991	$300,591	$1,003,262	$1,139,876	$168,000	$119,083	$27,532,657	$30,738,204
1992	$534,988	$1,370,732	$1,151,946	$205,000	$124,080	$30,295,149	$33,707,124
1993	$559,664	$1,582,019	$1,158,350	$265,000	$134,995	$32,020,240	$35,581,850
1994	$368,286	$1,797,401	$1,351,663	$252,000	$150,613	$34,232,820	$37,709,972
1995	$418,723	$1,574,586	$1,416,616	$312,000	$141,109	$36,997,674	$40,941,182
1996	$544,071	$1,500,031	$1,576,172	$284,000	$153,236	$40,917,452	$45,249,435
1997	$655,964	$1,396,037	$1,647,433	$270,000	$163,707	$44,138,771	$48,675,274
1998	$1,090,396	$1,808,784	$980,403	$0	$23,043	$47,140,462	$51,751,722

Regression Output:

Constant		-2.64009	
Std Err of Y Est		0.007929	
R Squared		0.590773	
No. of Observations		23	
Degrees of Freedom		21	
X Coefficient(s)	0.001372		
Std Err of Coef.	0.000249		
Pri. Capital Cost/Weight:		5.00%	70.00%
Sup. Capital Cost/Weight:		6.70%	30.00%
Weighted Cost of Capital:		5.51%	
Capital Recovery Period:		33	years
Capital Recovery Factor:		6.64%	

	Forecast	High	Low
System Cost Rate, 1996:	10.33%	12.17%	8.49%
System Cost Rate Gradient:	0.14%		
Gradient Series Factor:	1.56%		
Uniform System Cost Rate:	11.89%	13.73%	10.05%
Total System Cost Rate:	18.54%	20.38%	16.70%



Equivalent Annual Loss Costs

Month	1992	1993	1994	1995	1996	1997	1998	Sum	% Peak	% Square
Jan	59940	54662	77026	68001	68506	80104	66578	474817	1.00	1.00
Feb	52478	63481	62350	66805	79835	63093	65563	453605	0.96	0.91
Mar	51815	60903	54898	56711	66514	56639	72750	420230	0.89	0.78
Apr	48578	47752	48056	51046	56357	60812	54675	367276	0.77	0.60
May	40732	42057	44594	45396	56580	50921	60385	340665	0.72	0.51
Jun	46375	50487	59011	52462	65157	63002	71819	408313	0.86	0.74
Jul	52131	60048	58274	64453	61127	70318	73457	439808	0.93	0.86
Aug	49906	57406	53506	64997	66765	66018	72322	430920	0.91	0.82
Sep	46994	49099	46592	49563	54650	62346	69101	378345	0.80	0.63
Oct	45915	49030	48384	47486	48009	57951	59843	356618	0.75	0.56
Nov	52045	53802	53728	59309	65763	68123	62773	415543	0.88	0.77
Dec	54531	59352	55828	71049	73472	70780	78093	463105	0.98	0.95
Avg Lf:	57.91%	Avg On%:	51.02%	Avg Cf:	100.00%	Case:	NCP		APF:	9.15

Wholesale Rate Structures

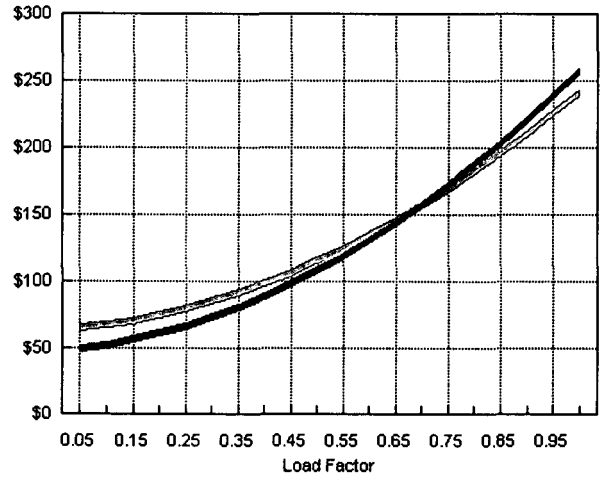
Desc	E1-CP	E2-CP	E3-NCP	E4-NCP
Demand:	$6.92	$5.22	$6.28	$6.39
On-kWh:	$0.020660	$0.027724	$0.020660	$0.020158
Off-kWh:	$0.020158	$0.020158	$0.020158	$0.020158

Equivalent Loss Costs ($/kW)

Desc	E1-CP	E2-CP	E3-NCP	E4-NCP
Demand:	$63.29	$47.74	$57.48	$58.47
Energy:	$66.95	$78.77	$66.95	$66.11
Loss Cost:	$130.25	$126.52	$124.43	$124.58

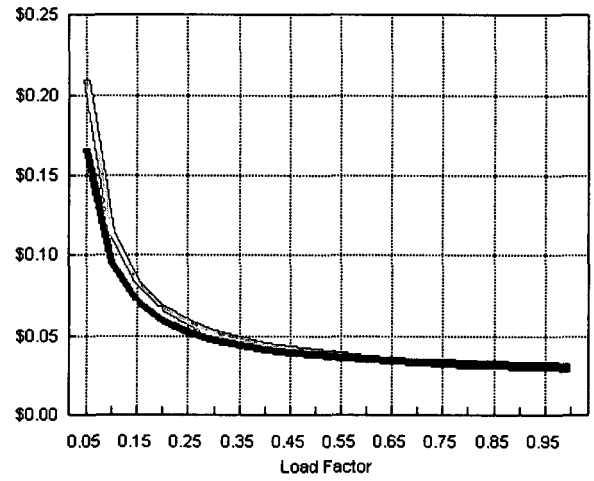
Note: Loss costs calculated w/ May 1999 rates w/o fuel adjustments. E3-NCP and E4-NCP are test rates. Avg Lf and On-kWh% based on Jan 1992-Dec 1998 data. Cf assumes losses for 1 kW at peak load are annually normalized.

Rate Comparison
Equivalent Loss Cost ($/kW)



Note: Assumes system avg on-peak kWh %.

Rate Comparison
Equivalent Wholesale Cost ($/kWh)



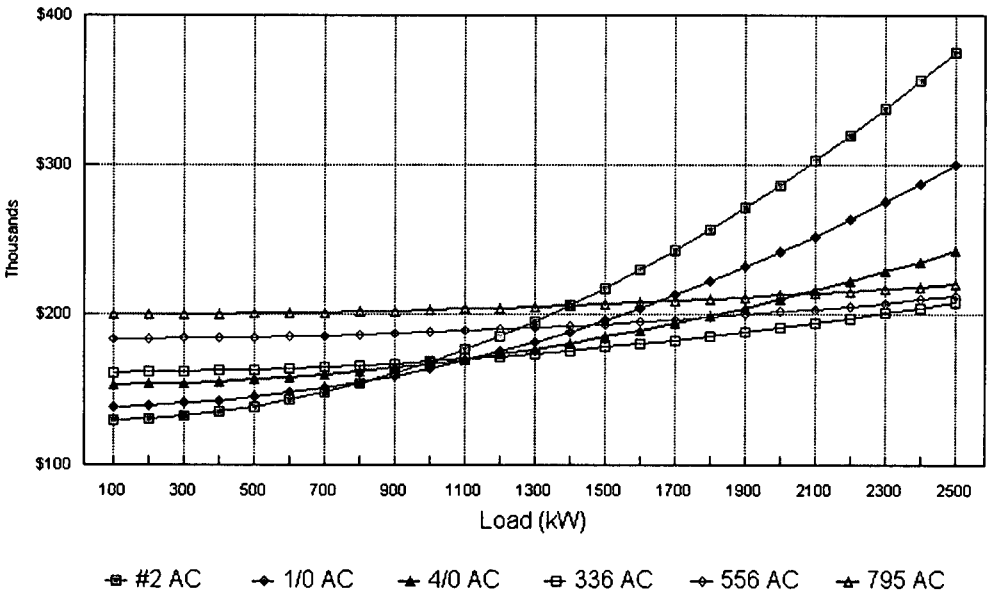
Note: Assumes 730 hr/mo and system avg on-peak kWh %.

Present Value Total Annual Cost of Distribution Facilities

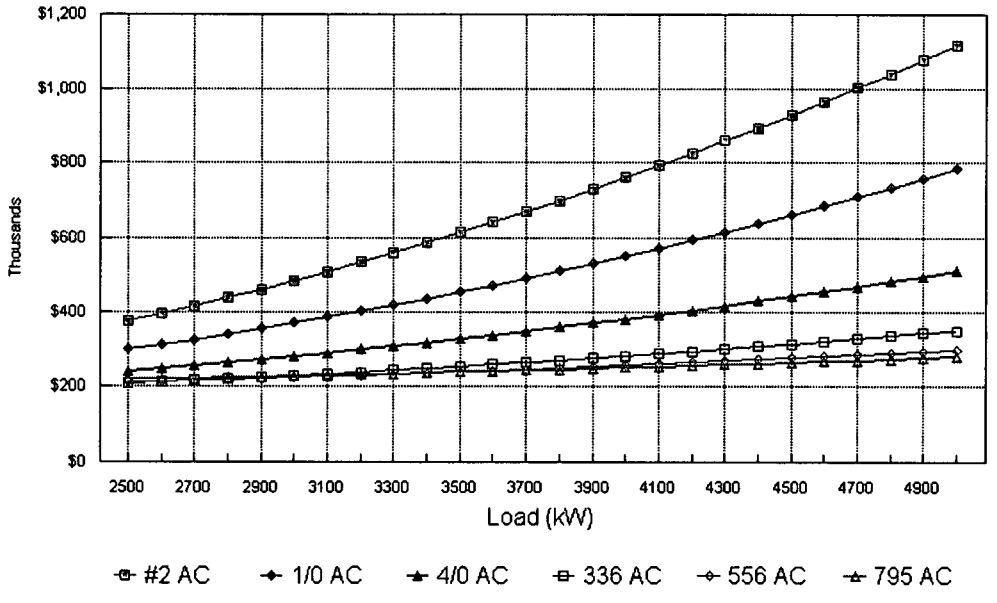
	Proposed Facilities							Existing Facilities				
kW	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC	556 AC	795 AC	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC
100	66544	128941	138633	153105	161261	183777	200159	1186	395	258	143	76
200	70101	130127	139407	153534	161488	183913	200254	4743	1581	1033	572	302
300	76030	132103	140698	154250	161866	184140	200414	10671	3557	2324	1288	680
400	84330	134869	142505	155251	162395	184458	200637	18972	6324	4131	2289	1209
500	95001	138427	144829	156539	163075	184866	200924	29643	9881	6454	3577	1889
600	108044	142774	147669	158113	163907	185365	201275	42686	14229	9294	5150	2721
700	123459	147912	151025	159972	164889	185955	201690	58100	19367	12650	7010	3703
800	141244	153841	154897	162118	166023	186635	202169	75886	25295	16523	9156	4837
900	161402	160560	159286	164550	167308	187407	202711	96043	32014	20912	11588	6122
1000	183930	168070	164192	167269	168744	188269	203318	118572	39524	25817	14307	7558
1100	208830	176370	169613	170273	170331	189221	203988	143472	47824	31238	17311	9145
1200	236102	185460	175551	173564	172069	190265	204722	170744	56915	37176	20601	10883
1300	265745	195341	182005	177140	173958	191399	205519	200387	66796	43630	24178	12773
1400	297759	206013	188976	181003	175999	192624	206381	232401	77467	50601	28041	14813
1500	332145	217475	196462	185152	178191	193939	207306	266787	88929	58088	32190	17005
1600	368903	229727	204466	189587	180534	195346	208295	303544	101181	66091	36625	19348
1700	408031	242770	212985	194308	183028	196843	209348	342673	114224	74610	41346	21842
1800	449531	256603	222021	199315	185673	198431	210465	384173	128058	83646	46353	24487
1900	493403	271227	231573	204609	188469	200109	211646	428045	142682	93198	51647	27283
2000	539646	286642	241642	210188	191417	201879	212890	474288	158096	103267	57226	30231
2100	588261	302846	252226	216054	194515	203739	214198	522902	174301	113852	63092	33330
2200	639247	319842	263328	222206	197765	205689	215571	573888	191296	124953	69244	36579
2300	692604	337627	274945	228644	201166	207731	217006	627246	209082	136570	75682	39980
2400	748333	356204	287079	235368	204718	209863	218506	682975	227658	148704	82406	43533
2500	806433	375571	299729	242378	208422	212086	220070	741075	247025	161354	89416	47236
2600	866905	395728	312896	249674	212276	214400	221697	801547	267182	174521	96712	51090
2700	929748	416675	326578	257257	216282	216804	223388	864390	288130	188204	104295	55096
2800	994963	438414	340778	265125	220439	219299	225143	929604	309868	202403	112163	59253
2900	1062549	460942	355493	273280	224746	221885	226962	997190	332397	217118	120318	63561
3000	1132506	484261	370725	281721	229206	224562	228845	1067148	355716	232350	128759	68020
3100	1204835	508371	386473	290448	233816	227329	230791	1139477	379826	248098	137486	72630
3200	1279535	533271	402738	299461	238577	230187	232801	1214177	404726	264363	146499	77391
3300	1356607	558962	419519	308760	243490	233136	234875	1291249	430416	281144	155798	82304
3400	1436050	585443	436816	318346	248553	236176	237013	1370692	456897	298441	165384	87368
3500	1517865	612714	454629	328217	253768	239306	239215	1452507	484169	316254	175255	92582
3600	1602051	640777	472959	338375	259134	242527	241481	1536693	512231	334584	185413	97948
3700	1688609	669629	491805	348819	264651	245839	243810	1623250	541083	353430	195856	103466
3800	1777538	699272	511168	359549	270320	249241	246203	1712179	570726	372793	206586	109134
3900	1868838	729705	531047	370565	276139	252734	248660	1803480	601160	392672	217602	114953
4000	1962510	760929	551442	381867	282110	256318	251181	1897152	632384	413067	228905	120924
4100	2058553	792944	572353	393455	288232	259993	253765	1993195	664398	433978	240493	127046
4200	2156968	825749	593781	405329	294504	263758	256414	2091610	697203	455406	252367	133319
4300	2257754	859344	615725	417490	300929	267615	259126	2192396	730799	477350	264528	139743
4400	2360912	893730	638186	429937	307504	271561	261902	2295554	765185	499811	276975	146318
4500	2466441	928906	661163	442670	314230	275599	264742	2401083	800361	522788	289707	153044
4600	2574341	964873	684656	455688	321108	279727	267646	2508983	836328	546281	302726	159922
4700	2684613	1001631	708665	468994	328136	283946	270613	2619255	873085	570291	316031	166951
4800	2797257	1039178	733191	482585	335316	288256	273645	2731898	910633	594816	329623	174130
4900	2912272	1077517	758233	496462	342647	292657	276740	2846913	948971	619859	343500	181461
5000	3029658	1116645	783792	510626	350129	297148	279899	2964300	988100	645417	357663	188944

Notes: 7.2 kV operation is assumed for both proposed and existing distribution facilities.
3.403% per year load growth is assumed for both proposed and existing distribution facilities.
3.373% per year escalation in loss costs is assumed.

PV Annual Cost/Mile of Proposed 7.2 kV Facilities w/ Load Growth



PV Annual Cost/Mile of Proposed 7.2 kV Facilities w/ Load Growth

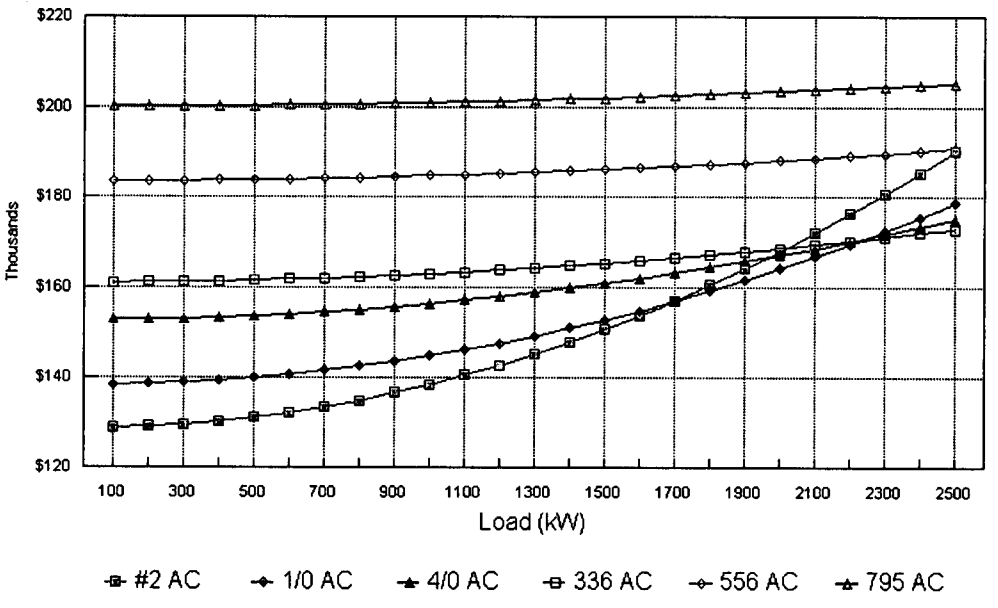


Present Value Total Annual Cost of Distribution Facilities

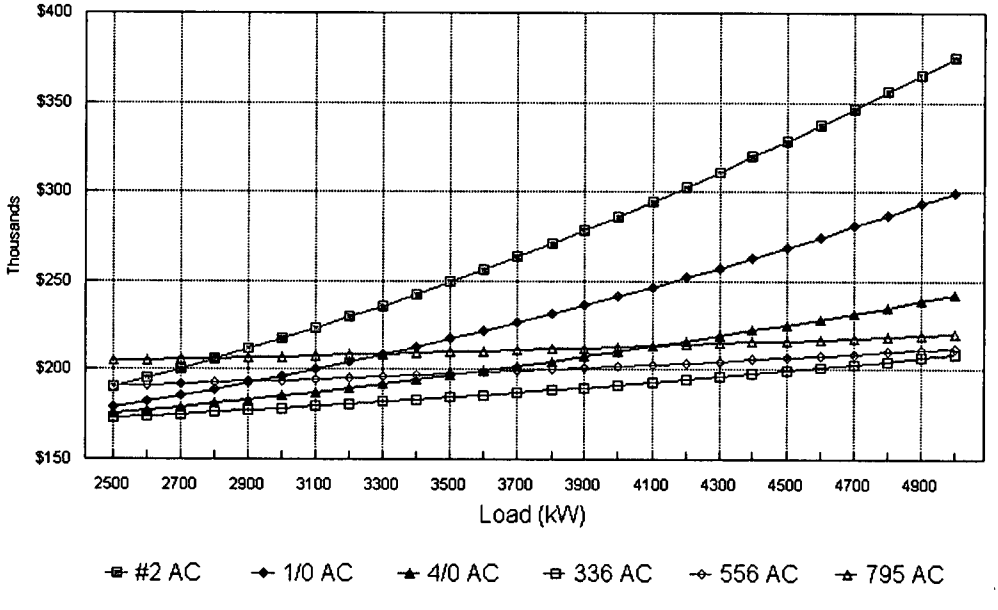
	Proposed Facilities							Existing Facilities				
kW	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC	556 AC	795 AC	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC
100	65655	128644	138439	152998	161205	183743	200135	296	99	65	36	19
200	66544	128941	138633	153105	161261	183777	200159	1186	395	258	143	76
300	68026	129435	138956	153284	161356	183834	200198	2668	889	581	322	170
400	70101	130127	139407	153534	161488	183913	200254	4743	1581	1033	572	302
500	72769	131016	139988	153856	161658	184016	200326	7411	2470	1614	894	472
600	76030	132103	140698	154250	161866	184140	200414	10671	3557	2324	1288	680
700	79883	133387	141537	154715	162112	184288	200518	14525	4842	3163	1753	926
800	84330	134869	142505	155251	162395	184458	200637	18972	6324	4131	2289	1209
900	89369	136549	143603	155859	162716	184651	200773	24011	8004	5228	2897	1530
1000	95001	138427	144829	156539	163075	184866	200924	29643	9881	6454	3577	1889
1100	101226	140502	146184	157290	163472	185104	201092	35868	11956	7810	4328	2286
1200	108044	142774	147669	158113	163907	185365	201275	42686	14229	9294	5150	2721
1300	115455	145244	149282	159007	164379	185649	201475	50097	16699	10908	6045	3193
1400	123459	147912	151025	159972	164889	185955	201690	58100	19367	12650	7010	3703
1500	132055	150778	152897	161010	165437	186284	201922	66697	22232	14522	8047	4251
1600	141244	153841	154897	162118	166023	186635	202169	75886	25295	16523	9156	4837
1700	151027	157102	157027	163299	166646	187010	202432	85668	28556	18653	10336	5460
1800	161402	160560	159286	164550	167308	187407	202711	96043	32014	20912	11588	6122
1900	172369	164216	161674	165874	168007	187826	203006	107011	35670	23300	12912	6821
2000	183930	168070	164192	167269	168744	188269	203318	118572	39524	25817	14307	7558
2100	196084	172121	166838	168735	169518	188734	203645	130726	43575	28463	15773	8332
2200	208830	176370	169613	170273	170331	189221	203988	143472	47824	31238	17311	9145
2300	222170	180816	172517	171883	171181	189732	204347	156811	52270	34143	18920	9995
2400	236102	185460	175551	173564	172069	190265	204722	170744	56915	37176	20601	10883
2500	250627	190302	178713	175316	172995	190820	205112	185269	61756	40339	22354	11809
2600	265745	195341	182005	177140	173958	191399	205519	200387	66796	43630	24178	12773
2700	281456	200578	185426	179036	174960	192000	205942	216097	72032	47051	26074	13774
2800	297759	206013	188976	181003	175999	192624	206381	232401	77467	50601	28041	14813
2900	314656	211645	192654	183042	177076	193270	206836	249298	83099	54280	30079	15890
3000	332145	217475	196462	185152	178191	193939	207306	266787	88929	58088	32190	17005
3100	350227	223502	200399	187334	179343	194631	207793	284869	94956	62025	34371	18157
3200	368903	229727	204466	189587	180534	195346	208295	303544	101181	66091	36625	19348
3300	388170	236150	208661	191912	181762	196083	208814	322812	107604	70286	38950	20576
3400	408031	242770	212985	194308	183028	196843	209348	342673	114224	74610	41346	21842
3500	428485	249588	217438	196776	184331	197625	209899	363127	121042	79064	43814	23146
3600	449531	256603	222021	199315	185673	198431	210465	384173	128058	83646	46353	24487
3700	471171	263816	226732	201926	187052	199259	211047	405813	135271	88358	48964	25866
3800	493403	271227	231573	204609	188469	200109	211646	428045	142682	93198	51647	27283
3900	516228	278836	236543	207363	189924	200983	212260	450870	150290	98168	54401	28738
4000	539646	286642	241642	210188	191417	201879	212890	474288	158096	103267	57226	30231
4100	563657	294645	246869	213085	192947	202797	213536	498299	166100	108495	60123	31761
4200	588261	302846	252226	216054	194515	203739	214198	522902	174301	113852	63092	33330
4300	613457	311245	257712	219094	196121	204703	214877	548099	182700	119338	66132	34936
4400	639247	319842	263328	222206	197765	205689	215571	573888	191296	124953	69244	36579
4500	665629	328636	269072	225389	199447	206699	216281	600271	200090	130697	72427	38261
4600	692604	337627	274945	228644	201166	207731	217006	627246	209082	136570	75682	39980
4700	720172	346817	280947	231970	202923	208786	217748	654814	218271	142573	79008	41738
4800	748333	356204	287079	235368	204718	209863	218506	682975	227658	148704	82406	43533
4900	777087	365788	293339	238837	206551	210963	219280	711728	237243	154965	85875	45365
5000	806433	375571	299729	242378	208422	212086	220070	741075	247025	161354	89416	47236

Notes: 14.4 kV operation is assumed for both proposed and existing distribution facilities.
3.403% per year load growth is assumed for both proposed and existing distribution facilities.
3.373% per year escalation in loss costs is assumed.

PV Annual Cost/Mile of Proposed 14.4 kV Facilities w/ Load Growth



PV Annual Cost/Mile of Proposed 14.4 kV Facilities w/ Load Growth

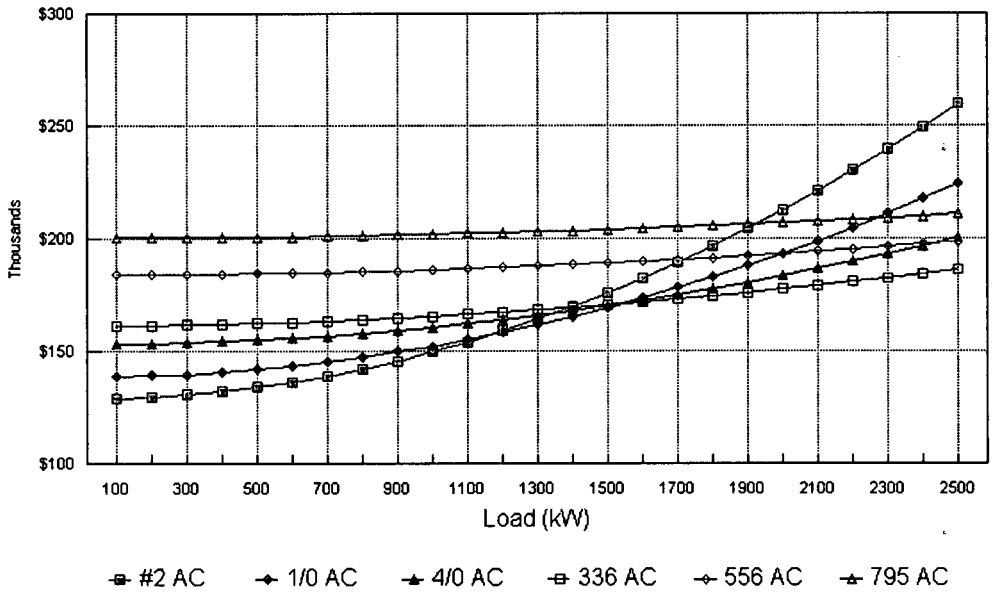


Present Value Total Annual Cost of Distribution Facilities

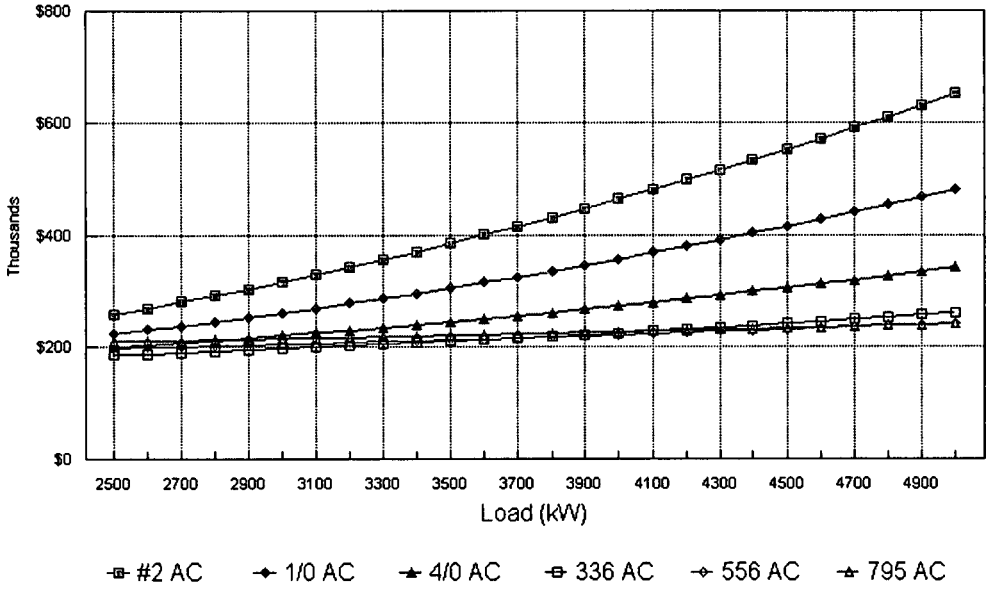
	Proposed Facilities							Existing Facilities				
kW	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC	556 AC	795 AC	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC
100	65988	128755	138512	153038	161226	183756	200144	629	210	137	76	40
200	67875	129385	138923	153266	161346	183828	200194	2517	839	548	304	160
300	71022	130433	139608	153645	161547	183949	200279	5663	1888	1233	683	361
400	75426	131902	140567	154177	161828	184117	200398	10068	3356	2192	1215	642
500	81090	133789	141800	154860	162189	184334	200550	15732	5244	3425	1898	1003
600	88012	136097	143307	155695	162630	184599	200736	22653	7551	4932	2733	1444
700	96192	138824	145088	156682	163151	184912	200956	30834	10278	6713	3720	1965
800	105631	141970	147143	157821	163753	185273	201210	40273	13424	8769	4859	2567
900	116329	145536	149473	159112	164435	185682	201498	50970	16990	11098	6150	3249
1000	128285	149521	152076	160555	165197	186140	201820	62926	20975	13701	7592	4011
1100	141499	153926	154953	162149	166039	186645	202176	76141	25380	16578	9187	4853
1200	155972	158750	158104	163895	166962	187199	202565	90614	30205	19729	10933	5776
1300	171704	163994	161529	165793	167964	187801	202989	106345	35448	23155	12831	6778
1400	188694	169657	165229	167843	169047	188451	203446	123336	41112	26854	14881	7861
1500	206942	175740	169202	170045	170210	189149	203937	141584	47195	30827	17083	9025
1600	226450	182243	173449	172399	171454	189895	204462	161091	53697	35074	19437	10268
1700	247215	189165	177971	174904	172777	190690	205021	181857	60619	39596	21942	11592
1800	269239	196506	182766	177562	174181	191533	205613	203881	67960	44391	24600	12995
1900	292522	204267	187835	180371	175665	192423	206240	227164	75721	49460	27409	14479
2000	317063	212447	193179	183332	177229	193362	206900	251705	83902	54804	30370	16044
2100	342863	221047	198796	186445	178874	194349	207595	277505	92502	60421	33483	17688
2200	369921	230067	204687	189710	180599	195385	208323	304563	101521	66313	36748	19413
2300	398238	239506	210853	193126	182403	196468	209085	332880	110960	72478	40164	21218
2400	427814	249364	217292	196695	184289	197600	209881	362455	120818	78917	43733	23103
2500	458648	259642	224006	200415	186254	198779	210710	393289	131096	85631	47453	25068
2600	490740	270339	230993	204287	188300	200007	211574	425382	141794	92618	51325	27114
2700	524091	281456	238255	208311	190425	201283	212472	458733	152911	99880	55349	29239
2800	558700	292993	245790	212487	192631	202608	213403	493342	164447	107415	59525	31445
2900	594568	304949	253600	216815	194918	203980	214368	529210	176403	115225	63853	33732
3000	631695	317324	261683	221295	197284	205400	215367	566337	188779	123308	68332	36098
3100	670080	330119	270041	225926	199731	206869	216400	604722	201574	131666	72964	38545
3200	709723	343334	278672	230709	202257	208386	217467	644365	214788	140298	77747	41072
3300	750626	356968	287578	235644	204865	209951	218568	685267	228422	149203	82682	43679
3400	792786	371022	296758	240731	207552	211564	219702	727428	242476	158383	87769	46366
3500	836205	385495	306211	245970	210319	213225	220871	770847	256949	167837	93008	49134
3600	880883	400387	315939	251361	213167	214935	222073	815525	271842	177564	98399	51981
3700	926819	415699	325941	256903	216095	216692	223309	861461	287154	187566	103941	54909
3800	974014	431431	336216	262598	219103	218498	224579	908656	302885	197842	109636	57917
3900	1022467	447582	346766	268444	222192	220352	225883	957109	319036	208391	115482	61006
4000	1072179	464152	357590	274442	225360	222254	227221	1006821	335607	219215	121480	64174
4100	1123149	481143	368688	280592	228609	224204	228593	1057791	352597	230313	127630	67423
4200	1175378	498552	380059	286894	231938	226202	229998	1110020	370007	241685	133932	70752
4300	1228865	516381	391705	293347	235347	228249	231438	1163507	387836	253330	140385	74162
4400	1283611	534630	403625	299953	238837	230343	232911	1218253	406084	265250	146991	77651
4500	1339616	553298	415819	306710	242407	232486	234418	1274257	424752	277444	153748	81221
4600	1396878	572386	428287	313619	246057	234677	235959	1331520	443840	289912	160657	84871
4700	1455400	591893	441029	320680	249787	236916	237534	1390042	463347	302654	167718	88601
4800	1515180	611819	454045	327893	253597	239203	239143	1449822	483274	315670	174931	92411
4900	1576218	632166	467334	335258	257488	241539	240785	1510860	503620	328960	182296	96302
5000	1638515	652931	480898	342775	261458	243922	242462	1573157	524386	342524	189812	100273

Notes: 7.2 kV operation is assumed for both proposed and existing distribution facilities.
0.000% per year load growth is assumed for both proposed and existing distribution facilities.
3.373% per year escalation in loss costs is assumed.

PV Annual Cost/Mile of Proposed 7.2 kV Facilities w/o Load Growth



PV Annual Cost/Mile of Proposed 7.2 kV Facilities w/o Load Growth

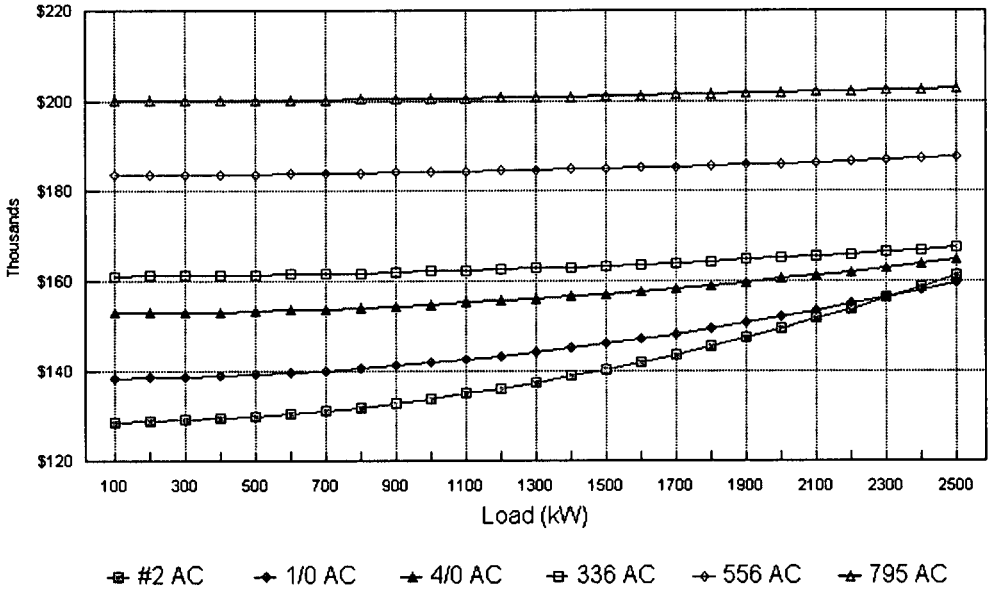


Present Value Total Annual Cost of Distribution Facilities

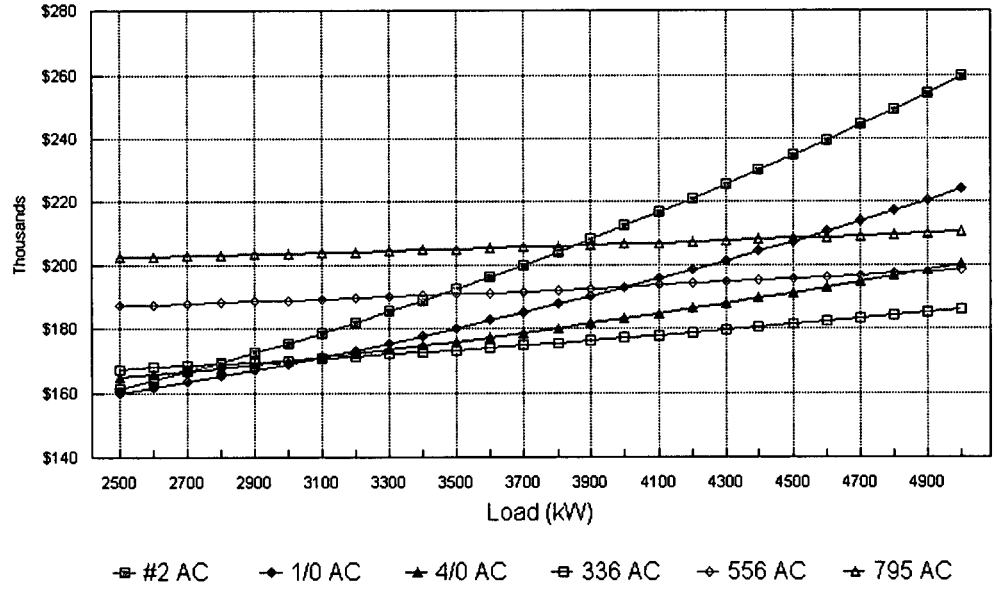
	Proposed Facilities							Existing Facilities				
kW	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC	556 AC	795 AC	1-2 AC	2 AC	1/0 AC	4/0 AC	336 AC
100	65516	128598	138409	152981	161196	183738	200131	157	52	34	19	10
200	65988	128755	138512	153038	161226	183756	200144	629	210	137	76	40
300	66774	129017	138683	153133	161276	183786	200165	1416	472	308	171	90
400	67875	129385	138923	153266	161346	183828	200194	2517	839	548	304	160
500	69291	129857	139231	153437	161436	183882	200233	3933	1311	856	475	251
600	71022	130433	139608	153645	161547	183949	200279	5663	1888	1233	683	361
700	73067	131115	140053	153892	161677	184027	200334	7708	2569	1678	930	491
800	75426	131902	140567	154177	161828	184117	200398	10068	3356	2192	1215	642
900	78101	132793	141149	154500	161998	184220	200470	12743	4248	2774	1537	812
1000	81090	133789	141800	154860	162189	184334	200550	15732	5244	3425	1898	1003
1100	84393	134891	142519	155259	162399	184460	200639	19035	6345	4145	2297	1213
1200	88012	136097	143307	155695	162630	184599	200736	22653	7551	4932	2733	1444
1300	91945	137408	144163	156170	162880	184749	200842	26586	8862	5789	3208	1695
1400	96192	138824	145088	156682	163151	184912	200956	30834	10278	6713	3720	1965
1500	100754	140344	146082	157233	163442	185086	201079	35396	11799	7707	4271	2256
1600	105631	141970	147143	157821	163753	185273	201210	40273	13424	8769	4859	2567
1700	110823	143700	148274	158448	164084	185471	201350	45464	15155	9899	5486	2898
1800	116329	145536	149473	159112	164435	185682	201498	50970	16990	11098	6150	3249
1900	122149	147476	150740	159814	164806	185905	201655	56791	18930	12365	6852	3620
2000	128285	149521	152076	160555	165197	186140	201820	62926	20975	13701	7592	4011
2100	134734	151671	153480	161333	165608	186386	201994	69376	23125	15105	8371	4422
2200	141499	153926	154953	162149	166039	186645	202176	76141	25380	16578	9187	4853
2300	148578	156286	156494	163003	166490	186916	202366	83220	27740	18119	10041	5304
2400	155972	158750	158104	163895	166962	187199	202565	90614	30205	19729	10933	5776
2500	163681	161320	159783	164825	167453	187494	202773	98322	32774	21408	11863	6267
2600	171704	163994	161529	165793	167964	187801	202989	106345	35448	23155	12831	6778
2700	180041	166773	163345	166799	168496	188120	203213	114683	38228	24970	13837	7310
2800	188694	169657	165229	167843	169047	188451	203446	123336	41112	26854	14881	7861
2900	197661	172646	167181	168925	169619	188794	203687	132303	44101	28806	15963	8433
3000	206942	175740	169202	170045	170210	189149	203937	141584	47195	30827	17083	9025
3100	216539	178939	171291	171203	170822	189516	204195	151180	50393	32917	18241	9636
3200	226450	182243	173449	172399	171454	189895	204462	161091	53697	35074	19437	10268
3300	236675	185651	175676	173633	172105	190287	204737	171317	57106	37301	20671	10920
3400	247215	189165	177971	174904	172777	190690	205021	181857	60619	39596	21942	11592
3500	258070	192783	180334	176214	173469	191105	205313	192712	64237	41959	23252	12283
3600	269239	196506	182766	177562	174181	191533	205613	203881	67960	44391	24600	12995
3700	280723	200334	185266	178947	174913	191972	205922	215365	71788	46891	25985	13727
3800	292522	204267	187835	180371	175665	192423	206240	227164	75721	49460	27409	14479
3900	304635	208305	190473	181833	176437	192887	206566	239277	79759	52098	28870	15251
4000	317063	212447	193179	183332	177229	193362	206900	251705	83902	54804	30370	16044
4100	329806	216695	195953	184870	178042	193850	207243	264448	88149	57578	31907	16856
4200	342863	221047	198796	186445	178874	194349	207595	277505	92502	60421	33483	17688
4300	356235	225504	201707	188058	179726	194861	207954	290877	96959	63333	35096	18540
4400	369921	230067	204687	189710	180599	195385	208323	304563	101521	66313	36748	19413
4500	383923	234734	207736	191399	181491	195920	208700	318564	106188	69361	38437	20305
4600	398238	239506	210853	193126	182403	196468	209085	332880	110960	72478	40164	21218
4700	412869	244382	214038	194892	183336	197028	209479	347510	115837	75663	41930	22150
4800	427814	249364	217292	196695	184289	197600	209881	362455	120818	78917	43733	23103
4900	443073	254451	220615	198536	185261	198184	210291	377715	125905	82240	45574	24075
5000	458648	259642	224006	200415	186254	198779	210710	393289	131096	85631	47453	25068

Notes: 14.4 kV operation is assumed for both proposed and existing distribution facilities.
0.000% per year load growth is assumed for both proposed and existing distribution facilities.
3.373% per year escalation in loss costs is assumed.

PV Annual Cost/Mile of Proposed 14.4 kV Facilities w/o Load Growth



PV Annual Cost/Mile of Proposed 14.4 kV Facilities w/o Load Growth



Projected Regression Model PL 95% Winter Loads (MW)							
Delivery Point/Year	2000	2001	2002	2003	2004	2005	2006
1 A.O. Smith	2.22	2.35	2.50	2.66	2.82	2.99	3.18
2 Blevins Valley	0.00	2.91	3.13	3.36	3.62	3.89	4.18
3 Bowen	3.81	3.96	4.11	4.27	4.44	4.61	4.79
4 Cave Run	1.51	1.61	1.72	1.84	1.96	2.09	2.23
5 Clay City	10.47	10.85	11.25	11.66	12.09	12.52	12.97
6 Frenchburg	6.67	7.10	7.54	8.02	8.52	9.06	9.62
7 Hope	6.37	3.95	4.25	4.57	4.92	5.29	5.69
8 Hunt	10.21	10.64	11.09	11.55	12.03	12.52	13.03
9 Jeffersonville	4.16	4.47	4.81	5.18	5.57	5.99	6.44
10 Mariba	3.88	4.13	4.39	4.66	4.96	5.27	5.59
11 Mt. Sterling	4.41	4.61	4.83	5.06	5.30	5.54	5.80
12 Preston	1.74	1.74	1.75	1.75	1.75	1.76	1.76
13 Reid Village	2.95	3.09	3.24	3.39	3.55	3.71	3.89
14 Rockwell	0.00	3.99	4.10	4.21	4.33	4.44	4.56
15 Sand Lick	0.06	0.06	0.06	0.06	0.06	0.06	0.06
16 Sideview	5.72	5.96	6.21	6.48	6.75	7.03	7.32
17 Stanton	10.94	11.19	11.43	11.69	11.94	12.20	12.46
18 Three Forks	9.83	10.35	10.90	11.47	12.07	12.70	13.36
19 Trapp	2.24	2.33	2.43	2.53	2.63	2.74	2.85
20 Van Meter	6.69	2.89	2.97	3.05	3.14	3.22	3.31
Totals	**93.86**	**98.18**	**102.71**	**107.46**	**112.43**	**117.64**	**123.09**
Delivery Point/Year	2007	2008	2009	2010	2011	2012	2013
1 A.O. Smith	3.37	3.57	3.79	4.02	4.26	4.51	4.78
2 Blevins Valley	4.50	4.83	5.20	5.58	5.99	6.44	6.91
3 Bowen	4.98	5.17	5.36	5.56	5.77	5.99	6.21
4 Cave Run	2.38	2.54	2.71	2.89	3.09	3.29	3.51
5 Clay City	13.43	13.91	14.40	14.90	15.42	15.95	16.50
6 Frenchburg	10.22	10.85	11.52	12.23	12.98	13.77	14.61
7 Hope	6.11	6.57	7.06	7.59	8.15	8.75	9.39
8 Hunt	13.56	14.11	14.68	15.27	15.88	16.51	17.16
9 Jeffersonville	6.92	7.44	8.00	8.59	9.23	9.91	10.64
10 Mariba	5.94	6.31	6.70	7.11	7.55	8.01	8.49
11 Mt. Sterling	6.07	6.35	6.64	6.94	7.25	7.58	7.92
12 Preston	1.76	1.77	1.77	1.77	1.77	1.77	1.78
13 Reid Village	4.07	4.25	4.45	4.65	4.86	5.08	5.31
14 Rockwell	4.68	4.81	4.93	5.06	5.19	5.33	5.46
15 Sand Lick	0.06	0.06	0.06	0.06	0.06	0.06	0.06
16 Sideview	7.62	7.93	8.25	8.58	8.93	9.29	9.66
17 Stanton	12.73	12.99	13.26	13.54	13.81	14.09	14.38
18 Three Forks	14.05	14.77	15.52	16.31	17.14	18.01	18.92
19 Trapp	2.97	3.09	3.21	3.34	3.47	3.61	3.76
20 Van Meter	3.40	3.49	3.58	3.67	3.77	3.86	3.96
Totals	**128.81**	**134.81**	**141.09**	**147.68**	**154.58**	**161.81**	**169.39**
Delivery Point/Year	2014	2015	2016	2017	2018	2019	% Load
1 A.O. Smith	5.07	5.37	5.68	6.02	6.37	6.74	150%
2 Blevins Valley	7.42	7.96	8.54	9.16	9.83	10.54	126%
3 Bowen	6.44	6.67	6.92	7.17	7.43	7.69	103%
4 Cave Run	3.74	3.98	4.24	4.52	4.81	5.12	171%
5 Clay City	17.07	17.64	18.24	18.85	19.48	20.12	111%
6 Frenchburg	15.49	16.43	17.42	18.46	19.56	20.72	114%
7 Hope	10.08	10.82	11.61	12.45	13.36	14.32	172%
8 Hunt	17.83	18.52	19.24	19.98	20.75	21.54	119%
9 Jeffersonville	11.42	12.26	13.15	14.11	15.13	16.22	194%
10 Mariba	9.01	9.55	10.13	10.73	11.37	12.05	144%
11 Mt. Sterling	8.27	8.64	9.02	9.42	9.83	10.26	57%
12 Preston	1.78	1.78	1.78	1.78	1.77	1.77	
13 Reid Village	5.54	5.79	6.05	6.31	6.59	6.87	82%
14 Rockwell	5.60	5.74	5.88	6.03	6.17	6.32	76%
15 Sand Lick	0.06	0.06	0.06	0.06	0.06	0.06	6%
16 Sideview	10.04	10.43	10.84	11.26	11.70	12.15	146%
17 Stanton	14.66	14.95	15.23	15.53	15.82	16.11	52%
18 Three Forks	19.86	20.85	21.89	22.97	24.10	25.28	102%
19 Trapp	3.90	4.05	4.21	4.37	4.54	4.71	63%
20 Van Meter	4.06	4.16	4.26	4.37	4.48	4.58	55%
Totals	**177.34**	**185.67**	**194.40**	**203.56**	**213.15**	**223.21**	

Projected Regression Model Summer Loads (MW)							
Delivery Point/Year	2000	2001	2002	2003	2004	2005	2006
1 A.O. Smith	2.00	2.10	2.19	2.29	2.39	2.50	2.61
2 Blevins Valley	1.94	1.95	2.26	2.44	2.63	2.84	3.06
3 Bowen	3.98	4.09	4.19	4.30	4.41	4.52	4.63
4 Cave Run	1.12	1.20	1.29	1.39	1.49	1.60	1.71
5 Clay City	9.23	9.68	10.16	10.65	11.17	11.71	12.27
6 Frenchburg	5.89	6.24	6.61	7.00	7.41	7.84	8.29
7 Hope	3.75	4.05	4.37	4.72	5.09	5.48	5.91
8 Hunt	7.14	7.41	7.67	7.95	8.23	8.52	8.82
9 Jeffersonville	3.71	4.00	4.32	4.66	5.03	5.42	5.84
10 Mariba	2.73	2.90	3.07	3.25	3.44	3.64	3.85
11 Mt. Sterling	4.13	4.31	4.50	4.70	4.90	5.11	5.33
12 Preston	1.50	1.51	1.51	1.51	1.52	1.52	1.52
13 Reid Village	2.77	2.89	3.02	3.15	3.28	3.42	3.57
14 Rockwell	2.96	2.97	3.16	3.27	3.38	3.49	3.60
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16 Sideview	3.84	3.99	4.15	4.30	4.47	4.63	4.81
17 Stanton	12.41	12.69	12.98	13.27	13.56	13.85	14.15
18 Three Forks	5.58	5.91	6.27	6.64	7.03	7.44	7.88
19 Trapp	1.32	1.37	1.42	1.47	1.52	1.58	1.63
20 Van Meter	2.24	2.31	2.39	2.47	2.55	2.64	2.72
Totals	**78.31**	**81.62**	**85.59**	**89.48**	**93.54**	**97.80**	**102.24**
Delivery Point/Year	2007	2008	2009	2010	2011	2012	2013
1 A.O. Smith	2.72	2.84	2.96	3.09	3.22	3.35	3.49
2 Blevins Valley	3.30	3.55	3.82	4.11	4.43	4.76	5.12
3 Bowen	4.74	4.85	4.96	5.08	5.19	5.31	5.43
4 Cave Run	1.83	1.97	2.11	2.26	2.41	2.58	2.77
5 Clay City	12.85	13.46	14.09	14.74	15.42	16.13	16.86
6 Frenchburg	8.76	9.26	9.79	10.34	10.92	11.52	12.16
7 Hope	6.37	6.86	7.38	7.94	8.55	9.19	9.89
8 Hunt	9.13	9.44	9.76	10.09	10.42	10.77	11.12
9 Jeffersonville	6.29	6.78	7.29	7.85	8.45	9.09	9.77
10 Mariba	4.07	4.30	4.54	4.80	5.07	5.35	5.64
11 Mt. Sterling	5.55	5.79	6.03	6.27	6.53	6.80	7.07
12 Preston	1.52	1.52	1.52	1.52	1.52	1.52	1.52
13 Reid Village	3.72	3.88	4.04	4.20	4.37	4.55	4.74
14 Rockwell	3.72	3.84	3.96	4.09	4.21	4.34	4.47
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16 Sideview	4.98	5.17	5.35	5.55	5.74	5.95	6.15
17 Stanton	14.45	14.75	15.05	15.35	15.65	15.95	16.26
18 Three Forks	8.33	8.82	9.32	9.85	10.41	11.00	11.62
19 Trapp	1.69	1.75	1.81	1.87	1.93	1.99	2.06
20 Van Meter	2.81	2.90	3.00	3.09	3.19	3.28	3.38
Totals	**106.89**	**111.75**	**116.83**	**122.14**	**127.69**	**133.50**	**139.57**
Delivery Point/Year	2014	2015	2016	2017	2018	2019	% Load
1 A.O. Smith	3.64	3.79	3.94	4.10	4.26	4.43	168%
2 Blevins Valley	5.50	5.91	6.35	6.82	7.32	7.86	125%
3 Bowen	5.54	5.66	5.78	5.90	6.02	6.14	110%
4 Cave Run	2.96	3.16	3.38	3.61	3.86	4.12	234%
5 Clay City	17.62	18.41	19.23	20.08	20.96	21.87	161%
6 Frenchburg	12.83	13.53	14.26	15.03	15.84	16.68	122%
7 Hope	10.63	11.42	12.27	13.17	14.14	15.18	242%
8 Hunt	11.48	11.85	12.22	12.60	12.99	13.39	98%
9 Jeffersonville	10.50	11.29	12.12	13.02	13.98	15.00	239%
10 Mariba	5.95	6.28	6.62	6.98	7.35	7.74	124%
11 Mt. Sterling	7.35	7.64	7.94	8.25	8.57	8.89	65%
12 Preston	1.52	1.52	1.51	1.51	1.51	1.50	
13 Reid Village	4.92	5.12	5.32	5.53	5.74	5.96	95%
14 Rockwell	4.61	4.75	4.89	5.03	5.17	5.32	85%
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	8%
16 Sideview	6.37	6.58	6.81	7.04	7.27	7.51	120%
17 Stanton	16.56	16.87	17.17	17.47	17.78	18.08	75%
18 Three Forks	12.26	12.94	13.65	14.40	15.18	16.00	83%
19 Trapp	2.12	2.19	2.26	2.33	2.41	2.48	44%
20 Van Meter	3.48	3.59	3.69	3.80	3.91	4.02	64%
Totals	**145.91**	**152.55**	**159.48**	**166.73**	**174.31**	**182.23**	

Projected PRS Normal Winter Loads (MW)

Delivery Point/Year	2000	2001	2002	2003	2004	2005	2006
1 A.O. Smith	2.38	2.48	2.56	2.65	2.77	2.95	3.07
2 Blevins Valley	0.00	2.50	2.61	2.73	2.88	3.10	3.25
3 Bowen	3.77	3.86	3.92	3.99	4.12	4.32	4.42
4 Cave Run	1.66	1.73	1.79	1.86	1.96	2.10	2.19
5 Clay City	10.26	10.48	10.64	10.81	11.14	11.65	11.88
6 Frenchburg	7.20	7.49	7.75	8.02	8.41	8.96	9.32
7 Hope	7.20	5.06	5.28	5.51	5.83	6.27	6.57
8 Hunt	10.20	10.45	10.65	10.86	11.23	11.78	12.07
9 Jeffersonville	4.70	4.93	5.15	5.37	5.69	6.11	6.41
10 Mariba	4.19	4.36	4.51	4.66	4.89	5.21	5.42
11 Mt. Sterling	4.49	4.62	4.72	4.83	5.02	5.28	5.43
12 Preston	1.50	1.50	1.49	1.47	1.48	1.51	1.51
13 Reid Village	3.01	3.09	3.16	3.24	3.36	3.54	3.64
14 Rockwell	0.00	3.43	3.46	3.50	3.58	3.72	3.77
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16 Sideview	5.72	5.86	5.98	6.10	6.30	6.62	6.78
17 Stanton	10.18	10.28	10.34	10.40	10.60	10.98	11.09
18 Three Forks	10.22	10.55	10.83	11.13	11.59	12.26	12.65
19 Trapp	2.23	2.29	2.33	2.38	2.46	2.58	2.64
20 Van Meter	6.35	3.01	3.04	3.07	3.14	3.26	3.31
Totals	**95.32**	**98.01**	**100.27**	**102.65**	**106.51**	**112.26**	**115.45**

Delivery Point/Year	2007	2008	2009	2010	2011	2012	2013
1 A.O. Smith	3.21	3.33	3.48	3.59	3.75	3.92	4.10
2 Blevins Valley	3.43	3.60	3.80	3.96	4.17	4.41	4.65
3 Bowen	4.54	4.65	4.78	4.85	4.99	5.14	5.28
4 Cave Run	2.30	2.40	2.51	2.60	2.73	2.87	3.01
5 Clay City	12.20	12.47	12.79	12.97	13.31	13.68	14.04
6 Frenchburg	9.74	10.14	10.60	10.94	11.44	11.98	12.52
7 Hope	6.94	7.28	7.68	8.00	8.43	8.91	9.39
8 Hunt	12.44	12.75	13.13	13.36	13.76	14.19	14.61
9 Jeffersonville	6.76	7.10	7.49	7.80	8.23	8.69	9.16
10 Mariba	5.67	5.90	6.16	6.36	6.65	6.96	7.28
11 Mt. Sterling	5.62	5.78	5.98	6.10	6.31	6.54	6.75
12 Preston	1.51	1.51	1.51	1.49	1.50	1.50	1.50
13 Reid Village	3.76	3.87	4.00	4.09	4.23	4.38	4.52
14 Rockwell	3.85	3.91	3.98	4.01	4.09	4.18	4.26
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16 Sideview	6.99	7.17	7.38	7.51	7.74	7.99	8.22
17 Stanton	11.27	11.40	11.57	11.62	11.80	12.01	12.20
18 Three Forks	13.14	13.57	14.08	14.43	14.98	15.57	16.15
19 Trapp	2.72	2.79	2.87	2.92	3.01	3.11	3.20
20 Van Meter	3.38	3.43	3.49	3.52	3.59	3.67	3.74
Totals	**119.51**	**123.10**	**127.33**	**130.19**	**134.77**	**139.75**	**144.63**

Delivery Point/Year	2014	2015	2016	2017	2018	2019	% Load
1 A.O. Smith	4.26	4.45	4.65	4.84	5.05	5.26	117%
2 Blevins Valley	4.88	5.14	5.42	5.71	6.01	6.32	76%
3 Bowen	5.41	5.56	5.72	5.87	6.02	6.18	83%
4 Cave Run	3.14	3.30	3.46	3.62	3.79	3.97	133%
5 Clay City	14.34	14.71	15.10	15.47	15.85	16.21	89%
6 Frenchburg	13.03	13.61	14.23	14.85	15.50	16.15	89%
7 Hope	9.86	10.40	10.96	11.54	12.15	12.77	153%
8 Hunt	14.98	15.42	15.88	16.33	16.79	17.24	95%
9 Jeffersonville	9.62	10.14	10.69	11.25	11.85	12.46	149%
10 Mariba	7.58	7.91	8.27	8.63	9.01	9.39	112%
11 Mt. Sterling	6.95	7.18	7.43	7.66	7.91	8.15	45%
12 Preston	1.50	1.50	1.50	1.50	1.50	1.50	
13 Reid Village	4.66	4.81	4.97	5.13	5.30	5.46	65%
14 Rockwell	4.33	4.41	4.50	4.58	4.66	4.74	57%
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	5%
16 Sideview	8.44	8.69	8.95	9.20	9.46	9.72	116%
17 Stanton	12.34	12.53	12.72	12.90	13.09	13.25	43%
18 Three Forks	16.69	17.31	17.96	18.61	19.28	19.95	80%
19 Trapp	3.28	3.38	3.48	3.57	3.68	3.77	51%
20 Van Meter	3.80	3.87	3.95	4.02	4.09	4.16	50%
Totals	**149.15**	**154.37**	**159.87**	**165.35**	**171.06**	**176.71**	

Projected PRS Normal Summer Loads (MW)

Delivery Point/Year	2000	2001	2002	2003	2004	2005	2006
1 A.O. Smith	2.09	2.15	2.22	2.28	2.35	2.47	2.55
2 Blevins Valley	1.94	1.94	2.17	2.28	2.41	2.59	2.74
3 Bowen	4.07	4.15	4.21	4.27	4.34	4.50	4.57
4 Cave Run	1.20	1.26	1.32	1.39	1.46	1.57	1.65
5 Clay City	9.64	9.98	10.30	10.63	11.00	11.58	11.97
6 Frenchburg	6.21	6.47	6.73	6.99	7.29	7.73	8.04
7 Hope	4.17	4.41	4.65	4.90	5.17	5.56	5.87
8 Hunt	7.38	7.57	7.74	7.91	8.11	8.46	8.66
9 Jeffersonville	3.98	4.21	4.44	4.67	4.94	5.31	5.61
10 Mariba	2.88	3.00	3.12	3.25	3.38	3.59	3.73
11 Mt. Sterling	4.30	4.43	4.56	4.68	4.83	5.06	5.21
12 Preston	1.50	1.50	1.50	1.50	1.50	1.52	1.52
13 Reid Village	2.88	2.97	3.05	3.14	3.23	3.39	3.49
14 Rockwell	2.96	2.96	3.09	3.16	3.23	3.36	3.44
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16 Sideview	3.98	4.08	4.19	4.29	4.40	4.60	4.72
17 Stanton	12.65	12.84	13.01	13.17	13.37	13.81	14.00
18 Three Forks	5.88	6.13	6.38	6.63	6.92	7.34	7.64
19 Trapp	1.37	1.40	1.43	1.46	1.50	1.57	1.60
20 Van Meter	2.40	2.45	2.50	2.56	2.62	2.72	2.78
Totals	**81.52**	**83.96**	**86.68**	**89.21**	**92.09**	**96.80**	**99.85**

Delivery Point/Year	2007	2008	2009	2010	2011	2012	2013
1 A.O. Smith	2.63	2.70	2.79	2.86	2.95	3.04	3.13
2 Blevins Valley	2.89	3.05	3.22	3.38	3.57	3.77	3.97
3 Bowen	4.64	4.71	4.79	4.85	4.92	5.01	5.08
4 Cave Run	1.73	1.82	1.91	2.01	2.11	2.22	2.33
5 Clay City	12.37	12.77	13.19	13.60	14.04	14.51	14.99
6 Frenchburg	8.37	8.70	9.05	9.40	9.77	10.17	10.58
7 Hope	6.20	6.54	6.90	7.26	7.65	8.08	8.53
8 Hunt	8.87	9.08	9.29	9.49	9.70	9.94	10.17
9 Jeffersonville	5.92	6.24	6.59	6.93	7.31	7.72	8.14
10 Mariba	3.88	4.04	4.20	4.36	4.53	4.72	4.91
11 Mt. Sterling	5.37	5.52	5.68	5.83	6.00	6.18	6.36
12 Preston	1.52	1.52	1.52	1.51	1.51	1.51	1.51
13 Reid Village	3.59	3.70	3.81	3.91	4.02	4.14	4.26
14 Rockwell	3.52	3.59	3.67	3.74	3.82	3.91	3.99
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16 Sideview	4.84	4.96	5.08	5.20	5.32	5.46	5.60
17 Stanton	14.19	14.38	14.58	14.74	14.92	15.13	15.34
18 Three Forks	7.96	8.28	8.62	8.95	9.30	9.69	10.09
19 Trapp	1.64	1.68	1.72	1.76	1.80	1.84	1.88
20 Van Meter	2.85	2.91	2.97	3.03	3.09	3.16	3.23
Totals	**103.02**	**106.24**	**109.61**	**112.86**	**116.39**	**120.22**	**124.12**

Delivery Point/Year	2014	2015	2016	2017	2018	2019	% Load
1 A.O. Smith	3.22	3.33	3.43	3.54	3.66	3.77	142%
2 Blevins Valley	4.19	4.43	4.68	4.95	5.23	5.52	88%
3 Bowen	5.16	5.25	5.34	5.44	5.53	5.62	100%
4 Cave Run	2.45	2.58	2.72	2.86	3.01	3.16	179%
5 Clay City	15.47	16.02	16.57	17.15	17.75	18.33	135%
6 Frenchburg	10.99	11.46	11.95	12.45	12.97	13.49	99%
7 Hope	8.99	9.50	10.05	10.62	11.22	11.84	189%
8 Hunt	10.40	10.67	10.94	11.22	11.50	11.77	86%
9 Jeffersonville	8.58	9.07	9.59	10.14	10.71	11.30	180%
10 Mariba	5.10	5.32	5.54	5.78	6.02	6.26	100%
11 Mt. Sterling	6.54	6.74	6.95	7.16	7.39	7.60	56%
12 Preston	1.50	1.50	1.50	1.50	1.51	1.50	
13 Reid Village	4.38	4.52	4.66	4.80	4.95	5.09	81%
14 Rockwell	4.08	4.17	4.27	4.37	4.48	4.57	73%
15 Sand Lick	0.05	0.05	0.05	0.05	0.05	0.05	8%
16 Sideview	5.74	5.89	6.05	6.22	6.38	6.54	104%
17 Stanton	15.53	15.78	16.02	16.26	16.51	16.73	70%
18 Three Forks	10.49	10.94	11.41	11.90	12.40	12.91	67%
19 Trapp	1.93	1.98	2.03	2.08	2.13	2.18	39%
20 Van Meter	3.30	3.38	3.46	3.54	3.62	3.70	59%
Totals	**128.07**	**132.59**	**137.23**	**142.03**	**147.01**	**151.95**	

Project : Final PL95 Winter CWP
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/02/99 09:20:49
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Fixes:
The load on section 780 had its phasing changed from A N to ABCN.
Analysis Options:
Using Balanced Model

Convergence took 8 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For A.O. Smith Ckt 1 **********
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A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2659	376	59	99			126.0			ABCN	Feeder
4387	1/0ACSR	0.1	24.9	0.0	ABCN	-0	0	0	26	2659	376	59	99	0.0	0.0	126.0	0.2	0.1	ABCN	4387
438	1/0ACSR	1.2	24.9	0.0	ABCN	327	-329	10	24	2476	373	55	99	0.1	0.1	125.9	1.9	0.7	ABCN	438
Capacitor (Wye-Gnd Connected) at Center of Section 438																				
ABCN : Nominal = 300 kvar Actual = 330 kvar																				
4381	1/0ACSR	1.9	24.9	0.0	ABCN	-0	-0	0	11	1076	348	25	95	0.0	0.2	125.8	0.3	-0.4	ABCN	4381
452	1/0ACSR	7.5	24.9	0.0	ABCN	6	3	0	9	894	272	21	96	0.2	0.4	125.6	1.5	-3.1	ABCN	452
441	1/0ACSR	12.1	24.9	0.0	ABCN	80	-122	3	8	762	214	18	96	0.2	0.6	125.4	0.9	-2.8	ABCN	441
Capacitor (Wye-Gnd Connected) at Center of Section 441																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
433	4ACSR	18.9	24.9	0.0	A N	51	27	4	3	51	25	4	90	0.1	0.7	125.3	0.0	-1.4	A N	433
434	1/0ACSR	16.7	24.9	0.0	ABCN	68	36	2	7	630	314	16	90	0.1	0.7	125.3	0.6	-3.0	ABCN	434
4341	1/0ACSR	20.6	24.9	0.0	ABCN	75	39	2	6	561	281	14	89	0.1	0.8	125.2	0.4	-2.7	ABCN	4341
4342	1/0ACSR	21.2	24.9	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.8	125.2	0.0	-0.4	ABCN	4342
427	4ACSR	24.9	24.9	0.0	A N	112	59	8	26	485	245	36	89	0.7	1.6	124.4	2.4	0.4	A N	427
430	4ACSR	27.2	24.9	0.0	A N	58	30	4	3	58	30	4	89	0.0	1.6	124.4	0.0	-0.5	A N	430
435	4ACSR	28.4	24.9	0.0	A N	24	12	2	17	313	156	23	90	0.4	2.0	124.0	1.0	-0.2	A N	435
4351	4ACSR	31.7	24.9	0.0	A N	36	19	3	15	288	143	22	90	0.3	2.4	123.6	0.7	-0.3	A N	4351
436	4ACSR	36.9	24.9	0.0	A N	20	11	2	14	251	125	19	90	0.5	2.8	123.2	0.9	-0.5	A N	436
431	4ACSR	44.7	24.9	0.0	A N	44	23	3	2	44	22	3	90	0.1	2.9	123.1	0.0	-1.5	A N	431
437	4ACSR	42.9	24.9	0.0	A N	11	6	1	10	186	93	14	89	0.4	3.2	122.8	0.6	-0.8	A N	437
4371	4ACSR	48.6	24.9	0.0	A N	76	40	6	10	175	89	13	89	0.3	3.5	122.5	0.4	-0.9	A N	4371
4372	4ACSR	54.6	24.9	0.0	A N	75	39	6	4	75	38	6	89	0.1	3.6	122.4	0.1	-1.1	A N	4372
443	4ACSR	51.0	24.9	0.0	A N	23	12	2	1	23	11	2	89	0.0	3.5	122.5	0.0	-0.5	A N	443
440	4ACSR	17.0	24.9	0.0	A N	124	59	9	6	124	57	9	91	0.2	0.6	125.4	0.2	-1.8	A N	440
439	1/0ACSR	4.9	24.9	0.0	ABCN	181	79	4	2	181	77	4	92	0.0	0.2	125.8	0.1	-2.2	ABCN	439
4382	1/0ACSR	2.3	24.9	0.0	ABCN	61	32	2	11	1072	353	25	95	0.1	0.2	125.8	0.4	-0.5	ABCN	4382
4383	1/0ACSR	2.7	24.9	0.0	ABCN	347	3	8	3	347	3	8	100	0.0	0.2	125.8	0.0	-0.3	ABCN	4383
4384	1/0ACSR	4.5	24.9	0.0	ABCN	0	0	0	7	664	319	16	90	0.1	0.3	125.7	0.4	-1.4	ABCN	4384
43840	1/0ACSR	5.8	24.9	0.0	ABCN	-0	0	0	7	607	307	15	89	0.0	0.3	125.7	0.2	-0.9	ABCN	43840
43842	1/0ACSR	7.5	24.9	0.0	A N	6	0	0	20	607	308	45	89	0.2	0.6	125.4	0.9	0.5	A N	43842
43843	1/0EPR	10.9	24.9	0.0	A N	6	3	0	22	599	308	45	89	1.8	2.3	123.7	6.9	6.6	A N	43843
43844	1/0ACSR	14.7	24.9	0.0	A N	0	0	0	19	586	298	44	89	0.5	2.8	123.2	1.9	1.2	A N	43844
4512	4ACSR	17.4	24.9	0.0	A N	25	13	2	32	585	297	44	89	0.6	3.4	122.6	2.8	0.9	A N	4512
451	4ACSR	21.8	24.9	0.0	A N	37	19	3	19	344	178	26	89	0.5	4.0	122.0	1.5	-0.1	A N	451
4511	2ACSR	25.9	24.9	0.0	A N	305	159	24	13	305	159	24	89	0.2	4.2	121.8	0.4	-0.5	A N	4511
4513	4ACSR	19.3	24.9	0.0	A N	5	3	0	12	214	105	16	90	0.2	3.6	122.4	0.3	-0.2	A N	4513
450	4ACSR	26.2	24.9	0.0	A N	93	48	7	5	93	47	7	89	0.1	3.7	122.3	0.1	-1.3	A N	450
1201	4ACSR	21.7	24.9	0.0	A N	18	9	1	6	116	56	9	90	0.1	3.7	122.3	0.1	-0.4	A N	1201
446	4ACSR	27.6	24.9	0.0	A N	57	30	4	3	57	29	4	89	0.1	3.7	122.3	0.0	-1.1	A N	446
4461	4ACSR	22.2	24.9	0.0	A N	0	0	0	2	41	18	3	91	0.0	3.7	122.3	0.0	-0.1	A N	4461
445	4ACSR	28.8	24.9	0.0	A N	26	14	2	1	26	11	2	92	0.0	3.7	122.3	0.0	-1.3	A N	445

A.O. Smith Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
4431	4ACSR		29.3	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.7	122.3	0.0	-0.1	A N	4431
4432	4ACSR		30.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.7	122.3	0.0	-0.3	A N	4432
444	4ACSR		32.4	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	3.7	122.3	0.0	-0.7	A N	444
447	4ACSR		26.9	24.9	0.0	A N	14	8	1	1	14	7	1	91	0.0	3.7	122.3	0.0	-0.9	A N	447
43841	1/0ACSR		5.4	24.9	0.0	ABCN	32	13	1	1	57	13	1	97	0.0	0.3	125.7	0.0	-0.7	ABCN	43841
4385	1/0ACSR		6.3	24.9	0.0	ABCN	24	2	1	0	24	1	1	100	0.0	0.3	125.7	0.0	-0.7	ABCN	4385
4386	1/0ACSR		2.2	24.9	0.0	ABCN	183	4	4	2	183	2	4	100	0.0	0.0	126.0	0.0	-1.6	ABCN	4386

********** Load-Flow Results For Blevins Valley Ckt 1 **********

Blevins Valley Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1339	268	30	98			126.0			ABCN	Feeder
700D	336ACSR	0.0	24.9	0.0	ABCN	0	-0	0	6	1339	268	30	98	0.0	0.0	126.0	0.0	-0.0	ABCN	700D
700	336ACSR	2.1	24.9	0.0	ABCN	19	4	0	6	1339	268	30	98	0.0	0.0	126.0	0.3	-1.1	ABCN	700
7006	336ACSR	4.9	24.9	0.0	ABCN	9	2	0	6	1319	265	30	98	0.1	0.1	125.9	0.4	-1.5	ABCN	7006
7001	4ACSR	9.1	24.9	0.0	A N	40	8	3	2	40	7	3	98	0.0	0.1	125.9	0.0	-0.9	A N	7001
7002	336ACSR	10.3	24.9	0.0	ABCN	58	12	1	5	1268	258	29	98	0.1	0.2	125.8	0.7	-3.1	ABCN	7002
662	6ACWC	13.0	24.9	0.0	A N	161	33	11	31	634	119	43	98	0.5	0.7	125.3	1.9	0.6	A N	662
660	4ACSR	14.5	24.9	0.0	A N	43	9	3	20	408	74	28	98	0.2	0.8	125.2	0.5	-0.0	A N	660
6601	4ACSR	17.6	24.9	0.0	A N	71	14	5	3	71	14	5	98	0.0	0.9	125.1	0.0	-0.6	A N	6601
6602	4ACSR	18.9	24.9	0.0	A N	16	3	1	14	293	52	20	98	0.4	1.3	124.7	0.9	-0.4	A N	6602
657	6ACWC	25.8	24.9	0.0	A N	131	26	9	13	276	49	19	98	0.4	1.7	124.3	0.8	-0.9	A N	657
656	4ACSR	27.3	24.9	0.0	A N	55	11	4	6	130	22	9	99	0.0	1.7	124.3	0.0	-0.3	A N	656
6561	4ACSR	33.7	24.9	0.0	A N	42	8	3	2	42	7	3	99	0.0	1.8	124.2	0.0	-1.3	A N	6561
6562	4ACSR	33.0	24.9	0.0	A N	23	5	2	2	34	4	2	99	0.0	1.8	124.2	0.0	-1.1	A N	6562
6563	4ACSR	41.7	24.9	0.0	A N	11	2	1	1	11	0	1	100	0.0	1.8	124.2	0.0	-1.7	A N	6563
655	4ACSR	33.8	24.9	0.0	A N	15	3	1	1	15	1	1	100	0.0	1.7	124.3	0.0	-1.6	A N	655
661	4ACSR	19.3	24.9	0.0	A N	64	13	4	3	64	12	4	98	0.1	0.7	125.3	0.0	-1.3	A N	661
664	4ACSR	15.5	24.9	0.0	A N	228	46	15	24	495	116	34	97	0.7	0.9	125.1	2.1	0.0	A N	664
6731	4ACSR	20.7	24.9	0.0	A N	105	28	7	13	265	70	18	97	0.4	1.2	124.8	0.6	-0.7	A N	6731
673	4ACSR	24.7	24.9	0.0	A N	160	43	11	8	160	42	11	97	0.1	1.4	124.6	0.1	-0.7	A N	673
665	4ACSR	15.8	24.9	0.0	A N	55	11	4	4	80	14	5	99	0.1	0.3	125.7	0.0	-1.1	A N	665
6651	4ACSR	21.8	24.9	0.0	A N	25	5	2	1	25	4	2	99	0.0	0.3	125.7	0.0	-1.2	A N	6651

********** Load-Flow Results For Blevins Valley Ckt 2 **********

Blevins Valley Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1274	-209	57	-99			126.0			ABCN	Feeder
701D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	11	1274	-209	57	-99	0.0	0.0	126.0	0.0	0.0	ABCN	701D
701	1/0CU	4.0	12.5	0.0	ABCN	45	12	2	18	1274	-209	57	-99	0.3	0.3	125.7	4.3	4.5	ABCN	701
7016	4ACSR	10.6	12.5	0.0	A N	78	21	11	8	78	21	11	97	0.3	0.7	125.3	0.2	-0.2	A N	7016
7011	1/0CU	8.5	12.5	0.0	ABCN	33	9	2	17	1147	-247	52	-98	0.3	0.6	125.4	4.1	4.1	ABCN	7011
7012	4ACSR	14.0	12.5	0.0	A N	66	18	9	6	66	18	9	97	0.2	1.0	125.0	0.1	-0.2	A N	7012
7013	1/0CU	12.2	12.5	0.0	ABCN	48	-314	14	15	1044	-278	48	-97	0.3	0.9	125.1	2.7	2.6	ABCN	7013
Capacitor (Wye-Gnd Connected) at Center of Section 7013																				
ABCN : Nominal = 300 kvar Actual = 327 kvar																				
7014	1/0ACSR	14.6	12.5	0.0	ABCN	167	10	7	3	168	10	7	100	0.0	1.0	125.0	0.2	-0.3	ABCN	7014
7015	1/0CU	16.7	12.5	0.0	ABCN	15	4	1	12	825	23	37	100	0.3	1.2	124.8	2.0	1.6	ABCN	7015
667	4ACSR	20.9	12.5	0.0	ABCN	264	-130	13	18	570	-46	25	-100	0.7	1.9	124.1	3.7	0.7	ABCN	667
Capacitor (Wye-Gnd Connected) at Center of Section 667																				
ABCN : Nominal = 150 kvar Actual = 161 kvar																				
666	4ACSR	22.8	12.5	0.0	AB N	91	25	6	9	178	49	12	96	0.2	2.1	123.9	0.2	-0.1	AB N	666
6661	4ACSR	27.9	12.5	0.0	A N	87	24	12	9	87	24	12	97	0.3	3.1	122.9	0.2	-0.1	A N	6661
6671	4ACSR	25.0	12.5	0.0	A N	91	25	13	9	91	25	13	96	0.3	2.8	123.2	0.2	-0.1	A N	6671
6672	4ACSR	22.0	12.5	0.0	A N	33	9	5	3	33	9	5	96	0.0	2.6	123.4	0.0	-0.0	A N	6672
702	336ACSR	22.5	12.5	0.0	ABCN	112	31	5	2	238	63	11	97	0.1	1.3	124.7	0.1	-1.0	ABCN	702
7021	336ACSR	26.7	12.5	0.0	ABCN	63	17	3	1	126	33	6	97	0.0	1.3	124.7	0.0	-0.8	ABCN	7021
7022	4ACSR	35.1	12.5	0.0	A N	57	16	8	6	57	15	8	97	0.3	1.9	124.1	0.1	-0.3	A N	7022
10376	336ACSR	27.1	12.5	0.0	ABCN	6	2	0	0	6	1	0	97	0.0	1.3	124.7	0.0	-0.1	ABCN	10376

********** Load-Flow Results For Blevins Valley Ckt 3 **********

Blevins Valley Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					517	-192	24	-94			126.0			ABCN	Feeder
	6771D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	5	517	-192	24	-94	0.0	0.0	126.0	0.0	-0.0	ABCN	6771D
	6771	1/0CU	4.4	12.5	0.0	ABCN	33	-321	14	8	517	-192	24	-94	0.2	0.2	125.8	0.8	0.2	ABCN	6771
	Capacitor (Wye-Gnd Connected) at Center of Section 6771																				
	ABCN : Nominal = 300 kvar Actual = 330 kvar																				
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 677																				
	ABCN : Tap = 1 RAISE																				
H	Regulator		4.4	12.5	0.0	ABCN				22	483	129	22	97	-0.8	-0.6	126.6	0.0	0.0	ABCN	Regulator
H	677	1/0CU	6.1	12.5	0.0	ABCN	21	6	1	7	483	129	22	97	0.1	-0.5	126.5	0.3	0.0	ABCN	677
H	6751	1/0CU	6.4	12.5	0.0	ABCN	-0	-0	0	6	377	101	17	97	0.0	-0.5	126.5	0.0	-0.0	ABCN	6751
H	675	1/0CU	8.4	12.5	0.0	ABCN	4	1	0	4	251	67	11	97	0.1	-0.5	126.5	0.1	-0.3	ABCN	675
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 674																				
	A N : Tap = -1 LOWER																				
	Regulator		8.4	12.5	0.0	A N				34	247	67	34	97	0.8	0.4	125.6	0.0	0.0	A N	Regulator
	674	4ACSR	13.9	12.5	0.0	A N	47	13	7	24	247	67	34	97	1.6	2.0	124.0	2.8	1.2	A N	674
	6741	4ACSR	18.7	12.5	0.0	A N	46	13	6	5	46	12	6	97	0.2	2.2	123.8	0.1	-0.2	A N	6741
	6742	4ACSR	15.0	12.5	0.0	A N	0	0	0	15	151	40	21	97	0.2	2.3	123.7	0.3	0.1	A N	6742
	6743	4ACSR	20.9	12.5	0.0	A N	57	15	8	6	57	15	8	97	0.2	2.5	123.5	0.1	-0.2	A N	6743
	6744	4ACSR	17.1	12.5	0.0	A N	93	25	13	9	93	25	13	97	0.1	2.4	123.6	0.1	-0.1	A N	6744
H	676	4ACSR	9.6	12.5	0.0	A N	46	13	6	12	126	34	17	97	0.4	-0.0	126.0	0.3	0.0	A N	676
H	6761	4ACSR	11.3	12.5	0.0	A N	31	8	4	3	31	8	4	97	0.0	-0.0	126.0	0.0	-0.1	A N	6761
	6762	4ACSR	13.2	12.5	0.0	A N	48	13	7	5	48	13	7	97	0.1	0.1	125.9	0.0	-0.2	A N	6762
H	711	6ACWC	11.7	12.5	0.0	A N	52	14	7	8	85	22	12	97	0.4	-0.1	126.1	0.2	-0.2	A N	711
	7111	6ACWC	17.5	12.5	0.0	A N	23	6	3	3	32	8	4	97	0.1	0.1	125.9	0.0	-0.3	A N	7111
	7112	6ACWC	21.6	12.5	0.0	A N	9	2	1	1	9	2	1	97	0.0	0.1	125.9	0.0	-0.2	A N	7112

********** Load-Flow Results For Bowen Ckt 1 **********

Bowen Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1876	202	83	99			126.0			ABCN	Feeder
771	397ACSR	3.2	12.5	0.0	ABCN	19	4	1	14	1876	202	83	99	0.3	0.3	125.7	3.3	7.2	ABCN	771
7711	397ACSR	4.5	12.5	0.0	ABCN	12	2	1	14	1854	191	82	99	0.1	0.4	125.6	1.3	2.9	ABCN	7711
77110	1/0EPR	5.6	12.5	0.0	ABCN	0	0	0	31	1391	-143	62	-99	1.0	1.4	124.6	12.6	12.8	ABCN	77110
77111	336ACSR	9.0	12.5	0.0	ABCN	4	1	0	12	1379	-156	62	-99	0.2	1.5	124.5	2.2	4.0	ABCN	77111
772	1/0ACSR	9.8	12.5	0.0	ABCN	12	2	1	0	12	2	1	98	0.0	1.5	124.5	0.0	-0.1	ABCN	772
77200	4ACSR	12.4	12.5	0.0	ABCN	18	3	1	44	1361	-163	61	-99	1.6	3.1	122.9	18.3	5.5	ABCN	77200
774	4ACSR	16.3	12.5	0.0	ABCN	38	7	2	43	1311	-174	60	-99	1.8	4.9	121.1	20.0	6.0	ABCN	774
7741	336ACSR	21.9	12.5	0.0	ABCN	50	9	2	10	1102	-216	52	-98	0.2	5.1	120.9	2.5	4.1	ABCN	7741
777	1/0ACSR	26.1	12.5	0.0	ABCN	26	-298	14	21	1050	-229	49	-98	0.7	5.7	120.3	6.1	3.9	ABCN	777
Capacitor (Wye-Gnd Connected) at Center of Section 777																				
ABCN : Nominal = 300 kvar Actual = 303 kvar																				
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 777																				
ABCN : Tap = 7 RAISE																				
Regulator			26.1	12.5	0.0	ABCN				47	1017	65	47	100	-5.3	0.4	125.5	-0.0	0.0	ABCN	Regulator
77701	4ACSR	27.9	12.5	0.0	ABCN	64	5	3	25	787	35	35	100	0.5	1.0	125.0	3.1	0.7	ABCN	77701
1003	4ACSR	32.1	12.5	0.0	ABCN	97	12	4	23	720	29	32	100	1.0	2.0	124.0	5.6	1.2	ABCN	1003
1005	6ACWC	33.6	12.5	0.0	ABCN	37	7	2	20	617	16	28	100	0.3	2.3	123.7	1.5	0.3	ABCN	1005
10053	6ACWC	34.8	12.5	0.0	ABCN	68	3	3	2	68	3	3	100	0.0	2.3	123.7	0.0	-0.2	ABCN	10053
10054	1/0ACSR	37.4	12.5	0.0	ABCN	13	2	1	10	510	5	23	100	0.3	2.6	123.4	1.2	0.2	ABCN	10054
10051	4ACSR	39.9	12.5	0.0	ABCN	491	0	22	16	494	1	22	100	0.2	2.8	123.2	3.0	1.2	ABCN	10051
10052	4ACSR	43.0	12.5	0.0	AB N	0	0	0	0	0	-0	0	0	-0.0	2.9	123.1	0.0	-0.3	AB N	10052
7771	1/0ACSR	26.5	12.5	0.0	ABCN	52	0	2	4	230	30	10	99	0.0	0.5	125.5	0.0	-0.1	ABCN	7771
77700	1/0ACSR	28.0	12.5	0.0	ABCN	18	3	1	3	158	27	7	99	0.0	0.5	125.5	0.0	-0.3	ABCN	77700
1004	2ACSR	36.4	12.5	0.0	A N	3	1	0	10	140	23	19	99	1.1	1.7	124.3	1.1	0.3	A N	1004
1008	2ACSR	44.3	12.5	0.0	A N	135	23	18	10	136	23	18	99	0.5	2.2	123.8	0.5	-0.0	A N	1008
77702	2ACSR	30.2	12.5	0.0	A N	20	4	3	1	20	4	3	98	0.0	0.7	125.3	0.0	-0.2	A N	77702
77400	4ACSR	18.2	12.5	0.0	ABCN	65	12	3	5	151	28	7	98	0.1	5.0	121.0	0.1	-0.3	ABCN	77400
775	4ACSR	29.1	12.5	0.0	A N	85	16	12	9	85	16	12	98	0.6	5.8	120.2	0.4	-0.3	A N	775
77201	4ACSR	15.0	12.5	0.0	A N	13	3	2	1	13	2	2	98	0.0	3.2	122.8	0.0	-0.1	A N	77201
773	4ACSR	9.8	12.5	0.0	A N	30	6	4	53	449	329	74	81	3.7	4.1	121.9	14.5	7.3	A N	773
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 773																				
A N : Tap = 5 RAISE																				
Regulator			9.8	12.5	0.0	A N				70	405	316	70	79	-3.8	0.3	125.7	-0.0	-0.0	A N	Regulator
776	4ACSR	16.5	12.5	0.0	A N	25	5	3	49	405	316	68	79	4.4	4.7	121.3	15.8	8.0	A N	776
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 776																				
A N : Tap = 6 RAISE																				
Regulator			16.5	12.5	0.0	A N				65	363	303	65	77	-4.5	0.1	125.9	0.0	0.0	A N	Regulator
1001	4ACSR	17.8	12.5	0.0	A N	29	5	4	19	197	36	27	98	0.3	0.4	125.6	0.4	0.2	A N	1001
10011	4ACSR	21.3	12.5	0.0	A N	50	9	7	16	168	30	23	98	0.7	1.1	124.9	0.7	0.2	A N	10011
10012	4ACSR	25.0	12.5	0.0	A N	9	2	1	11	113	20	15	98	0.5	1.6	124.4	0.4	0.0	A N	10012
1000	4ACSR	30.8	12.5	0.0	A N	24	5	3	10	104	18	14	98	0.7	2.3	123.7	0.5	-0.0	A N	1000
10001	4ACSR	37.0	12.5	0.0	A N	12	2	2	8	79	14	11	99	0.6	2.9	123.1	0.3	-0.1	A N	10001
10002	4ACSR	46.8	12.5	0.0	A N	26	5	4	3	26	4	4	99	0.2	3.1	122.9	0.0	-0.5	A N	10002
10003	4ACSR	48.4	12.5	0.0	A N	41	8	6	4	41	7	6	98	0.3	3.2	122.8	0.1	-0.5	A N	10003
10013	4ACSR	27.7	12.5	0.0	A N	4	1	1	0	4	1	1	99	0.0	1.1	124.9	0.0	-0.3	A N	10013
1002	4ACSR	23.1	12.5	0.0	A N	23	4	3	30	166	267	42	53	2.3	2.4	123.6	5.8	2.7	A N	1002
1006	4ACSR	27.8	12.5	0.0	A N	15	3	2	1	15	3	2	99	0.0	2.5	123.5	0.0	-0.2	A N	1006
1007	4ACSR	29.4	12.5	0.0	A N	16	3	2	27	123	258	38	43	1.9	4.3	121.7	4.9	2.2	A N	1007
1009	4ACSR	32.8	12.5	0.0	A N	7	1	1	25	67	246	35	26	0.8	5.1	120.9	2.2	1.0	A N	1009
1012	4ACSR	33.3	12.5	0.0	A N	2	11	2	25	57	244	35	23	0.1	5.2	120.8	0.3	0.1	A N	1012
10121	4ACSR	36.6	12.5	0.0	A N	2	8	1	24	54	232	33	23	0.7	5.9	120.1	1.8	0.8	A N	10121
781	4ACSR	41.0	12.5	0.0	A N	31	139	20	15	34	149	21	22	0.3	6.2	119.8	0.5	0.1	A N	781
780	2ACSR	45.5	12.5	0.0	A N	0	0	0	0	0	-0	0	-21	0.0	6.2	119.8	0.0	-0.8	A N	780
1014	4ACSR	44.7	12.5	0.0	A N	2	10	1	1	2	10	1	22	0.0	6.2	119.8	0.0	-0.2	A N	1014
782	4ACSR	41.6	12.5	0.0	A N	0	1	0	8	17	74	11	23	0.3	6.2	119.8	0.3	-0.1	A N	782
7821	4ACSR	46.7	12.5	0.0	A N	1	4	1	7	17	73	10	22	0.3	6.6	119.4	0.3	-0.1	A N	7821
7822	4ACSR	54.1	12.5	0.0	A N	13	57	8	6	13	57	8	22	0.2	6.8	119.2	0.1	-0.3	A N	7822
7823	4ACSR	52.9	12.5	0.0	A N	3	12	2	1	3	12	2	22	0.0	6.6	119.4	0.0	-0.3	A N	7823
10111	4ACSR	30.9	12.5	0.0	A N	2	0	0	4	35	6	5	98	0.1	4.4	121.6	0.0	-0.1	A N	10111
1011	4ACSR	39.9	12.5	0.0	A N	33	6	5	3	33	6	5	98	0.2	4.6	121.4	0.1	-0.4	A N	1011

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********** Load-Flow Results For Bowen Ckt 2 **********
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Bowen Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					883	-581	47	-84			126.0			ABCN	Feeder
768	4ACSR	2.7	12.5	0.0	ABCN	310	-618	31	33	883	-581	47	-84	0.6	0.6	125.4	6.5	1.9	ABCN	768
Capacitor (Wye-Gnd Connected) at Center of Section 768																				
	ABCN : Nominal = 600 kvar					Actual = 658 kvar														
77011	4ACSR	3.3	12.5	0.0	ABCN	534	4	24	18	565	33	25	100	0.1	0.7	125.3	0.8	0.3	ABCN	77011
770	4ACSR	9.7	12.5	0.0	A N	23	23	4	4	31	29	6	72	0.2	1.4	124.6	0.1	-0.3	A N	770
7701	4ACSR	14.7	12.5	0.0	A N	2	2	0	1	8	7	1	74	0.1	1.5	124.5	0.0	-0.2	A N	7701
7702	4ACSR	19.7	12.5	0.0	A N	5	5	1	1	5	4	1	73	0.0	1.5	124.5	0.0	-0.2	A N	7702
7703	4ACSR	19.4	12.5	0.0	A N	1	1	0	0	1	1	0	79	0.0	1.5	124.5	0.0	-0.2	A N	7703

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********** Load-Flow Results For Bowen Ckt 3 **********
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Bowen Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1566	7	69	100			126.0			ABCN	Feeder
767	4ACSR	6.0	12.5	0.0	ABCN	99	21	5	49	1566	7	69	100	3.2	3.2	122.8	39.2	12.0	ABCN	767
766	397ACSR	8.4	12.5	0.0	ABCN	-0	0	0	9	1092	232	51	98	0.1	3.4	122.6	0.9	1.7	ABCN	766
753	1/0CU	12.4	12.5	0.0	ABCN	17	4	1	13	868	187	40	98	0.4	3.8	122.2	2.2	1.9	ABCN	753
765	1/0CU	18.0	12.5	0.0	ABCN	10	2	0	11	704	152	33	98	0.4	4.2	121.8	2.1	1.5	ABCN	765
760	1/0CU	21.8	12.5	0.0	ABCN	0	0	0	9	624	134	29	98	0.3	4.4	121.6	1.1	0.7	ABCN	760
761	336ACSR	25.1	12.5	0.0	ABCN	19	4	1	5	623	134	29	98	0.1	4.6	121.4	0.5	0.3	ABCN	761
762	336ACSR	25.9	12.5	0.0	ABCN	21	4	1	5	604	129	28	98	0.0	4.6	121.4	0.1	0.1	ABCN	762
7621	4ACSR	27.7	12.5	0.0	A N	14	3	2	1	14	3	2	98	0.0	4.9	121.1	0.0	-0.1	A N	7621
7622	336ACSR	30.7	12.5	0.0	ABCN	160	34	8	5	568	122	27	98	0.1	4.8	121.2	0.5	0.2	ABCN	7622
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7624																				
A N : Tap = 6 RAISE																				
Regulator		30.7	12.5	0.0	A N				38	272	58	38	98	-4.5	0.6	125.4	0.0	0.0	A N	Regulator
7624	4ACSR	35.9	12.5	0.0	A N	61	13	8	26	272	58	37	98	1.6	2.3	123.7	3.0	1.3	A N	7624
7625	4ACSR	41.6	12.5	0.0	A N	142	30	20	21	209	44	29	98	1.0	3.3	122.7	1.4	0.4	A N	7625
7626	4ACSR	47.5	12.5	0.0	A N	65	14	9	7	66	14	9	98	0.3	3.6	122.4	0.1	-0.2	A N	7626
7623	4ACSR	33.3	12.5	0.0	A N	134	28	19	13	134	28	19	98	0.2	5.4	120.6	0.2	0.0	A N	7623
751	4ACSR	23.6	12.5	0.0	A N	53	11	8	7	67	14	9	98	0.3	4.8	121.2	0.1	-0.2	A N	751
7511	4ACSR	29.9	12.5	0.0	A N	13	3	2	1	13	3	2	98	0.1	4.8	121.2	0.0	-0.3	A N	7511
752	1/0CU	18.5	12.5	0.0	ABCN	5	1	0	2	145	29	7	98	0.1	3.8	122.2	0.1	-1.0	ABCN	752
746	4ACSR	23.9	12.5	0.0	A N	66	14	9	14	139	29	19	98	0.8	4.9	121.1	0.7	0.1	A N	746
7461	4ACSR	28.4	12.5	0.0	A N	15	3	2	7	72	15	10	98	0.4	5.3	120.7	0.2	-0.1	A N	7461
7462	4ACSR	34.5	12.5	0.0	A N	57	12	8	6	57	12	8	98	0.2	5.5	120.5	0.1	-0.2	A N	7462
7531	4ACSR	9.9	12.5	0.0	ABCN	15	3	1	7	223	44	10	98	0.1	3.5	122.5	0.2	-0.2	ABCN	7531
754	4ACSR	13.2	12.5	0.0	A N	41	9	6	21	207	41	29	98	0.8	4.6	121.4	1.2	0.5	A N	754
7541	4ACSR	16.7	12.5	0.0	A N	28	6	4	16	164	31	23	98	0.7	5.3	120.7	0.8	0.3	A N	7541
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7542																				
A N : Tap = 7 RAISE																				
Regulator		16.7	12.5	0.0	A N				19	136	25	19	98	-5.3	0.0	125.9	0.0	0.0	A N	Regulator
7542	4ACSR	24.4	12.5	0.0	A N	27	6	4	13	136	25	18	98	1.2	1.2	124.8	1.1	0.2	A N	7542
7543	2ACSR	28.0	12.5	0.0	A N	14	3	2	8	107	19	15	98	0.3	1.6	124.4	0.2	-0.0	A N	7543
7544	2ACSR	32.8	12.5	0.0	A N	0	0	0	7	93	16	13	98	0.4	2.0	124.0	0.3	-0.0	A N	7544
755	4ACSR	42.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-6	-0.0	2.0	124.0	0.0	-0.5	A N	755
756	4ACSR	34.2	12.5	0.0	A N	8	2	1	9	92	17	13	98	0.2	2.2	123.8	0.1	-0.0	A N	756
7561	4ACSR	41.0	12.5	0.0	A N	18	4	2	2	18	3	2	98	0.1	2.2	123.8	0.0	-0.3	A N	7561
7562	4ACSR	42.6	12.5	0.0	A N	2	0	0	6	66	12	9	98	0.7	2.9	123.1	0.4	-0.2	A N	7562
7563	2ACSR	49.4	12.5	0.0	A N	7	1	1	5	64	11	9	98	0.4	3.2	122.8	0.2	-0.2	A N	7563
7564	2ACSR	53.8	12.5	0.0	A N	0	0	0	4	56	10	8	98	0.2	3.5	122.5	0.1	-0.2	A N	7564
7565	4ACSR	59.6	12.5	0.0	A N	0	0	0	6	56	10	8	98	0.4	3.9	122.1	0.2	-0.2	A N	7565
11311	4ACSR	64.9	12.5	0.0	A N	29	6	4	3	29	5	4	99	0.1	4.0	122.0	0.0	-0.2	A N	11311
1131	4ACSR	72.9	12.5	0.0	A N	0	0	0	0	0	-1	0	-22	-0.0	4.0	122.0	0.0	-0.4	A N	1131
11313	4ACSR	82.7	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	4.0	122.0	0.0	-0.5	A N	11313
1132	4ACSR	66.5	12.5	0.0	A N	27	6	4	3	27	5	4	98	0.1	4.0	122.0	0.0	-0.3	A N	1132
764	4ACSR	8.3	12.5	0.0	ABCN	49	10	2	14	336	-258	19	-79	0.2	3.4	122.6	1.2	0.0	ABCN	764
7641	4ACSR	11.1	12.5	0.0	A N	43	9	6	4	43	9	6	98	0.1	3.8	122.2	0.0	-0.1	A N	7641
7642	2ACSR	12.6	12.5	0.0	ABCN	94	5	4	9	243	-278	17	-66	0.1	3.5	122.5	1.1	-0.2	ABCN	7642
7643	6ACWC	14.0	12.5	0.0	ABCN	2	-312	14	10	148	-283	14	-46	0.1	3.5	122.5	0.3	-0.2	ABCN	7643
Capacitor (Wye-Gnd Connected) at Center of Section 7643																				
ABCN : Nominal = 300 kvar Actual = 313 kvar																				
7644	2ACSR	20.3	12.5	0.0	A N	47	10	7	4	47	10	7	98	0.1	4.1	121.9	0.1	-0.3	A N	7644
763	336ACSR	17.4	12.5	0.0	ABCN	68	14	3	1	97	19	5	98	0.0	3.5	122.5	0.0	-0.6	ABCN	763
7631	336ACSR	22.0	12.5	0.0	ABCN	30	6	1	0	30	5	1	98	0.0	3.6	122.4	0.0	-0.9	ABCN	7631

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********** Load-Flow Results For Cave Run Ckt 1 **********
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Cave Run Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					897	137	40	99			126.0			ABCN	Feeder
11024	4/0ACSR	0.4	12.5	0.0	ABCN	-0	0	0	12	897	137	40	99	0.0	0.0	126.0	0.2	0.2	ABCN	11024
1024	4/0ACSR	4.1	12.5	0.0	ABCN	164	31	7	12	896	137	40	99	0.3	0.3	125.7	1.8	1.6	ABCN	1024
10241	4/0ACSR	7.6	12.5	0.0	ABCN	176	33	8	10	731	104	33	99	0.2	0.6	125.4	1.1	0.8	ABCN	10241
10291	4/0ACSR	8.6	12.5	0.0	ABCN	58	11	3	7	554	70	25	99	0.0	0.6	125.4	0.2	0.0	ABCN	10291
1029	4/0ACSR	11.2	12.5	0.0	ABCN	38	7	2	5	416	44	19	99	0.1	0.7	125.3	0.3	-0.2	ABCN	1029
1038	4/0ACSR	18.4	12.5	0.0	ABCN	29	6	1	5	378	37	17	100	0.2	0.9	125.1	0.6	-0.6	ABCN	1038
10381	4/0ACSR	27.4	12.5	0.0	ABCN	-0	-0	0	5	348	32	16	100	0.3	1.2	124.8	0.7	-0.9	ABCN	10381
1039	1/0EPR	30.9	12.5	0.0	ABCN	-0	-0	0	4	166	22	7	99	0.5	1.7	124.3	0.6	-0.2	ABCN	1039
1027	1/0EPR	35.4	12.5	0.0	ABCN	-0	-0	0	1	58	5	3	100	0.2	1.9	124.1	0.1	-0.9	ABCN	1027
10271	1/0EPR	39.6	12.5	0.0	ABCN	49	7	2	1	58	6	3	99	0.1	2.1	123.9	0.1	-0.8	ABCN	10271
1025	2XLP	43.0	12.5	0.0	ABCN	9	1	0	0	9	-0	0	-100	0.0	2.1	123.9	0.0	-0.8	ABCN	1025
1032	1/0EPR	34.9	12.5	0.0	ABCN	37	7	2	2	107	17	5	99	0.3	2.0	124.0	0.2	-0.6	ABCN	1032
10321	1/0EPR	47.8	12.5	0.0	ABCN	0	0	0	2	70	11	3	99	0.8	2.8	123.2	0.4	-2.5	ABCN	10321
10322	1/0EPR	50.4	12.5	0.0	A N	2	0	0	5	69	13	10	98	0.5	3.7	122.3	0.2	0.1	A N	10322
1031	4ACSR	55.7	12.5	0.0	A N	15	3	2	7	67	12	9	98	0.4	4.2	121.8	0.2	-0.2	A N	1031
10311	4ACSR	59.7	12.5	0.0	A N	52	10	7	5	52	10	7	98	0.1	4.3	121.7	0.1	-0.2	A N	10311
10391	1/0EPR	31.1	12.5	0.0	ABCN	97	10	4	4	180	10	8	100	0.4	1.6	124.4	0.7	-0.1	ABCN	10391
10251	2XLP	33.8	12.5	0.0	ABCN	82	0	4	4	82	-0	4	-100	0.1	1.7	124.3	0.2	-0.4	ABCN	10251
10292	4ACSR	10.9	12.5	0.0	A N	80	15	11	8	80	15	11	98	0.1	0.9	125.1	0.1	-0.1	A N	10292
12024	4/0ACSR	0.5	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.0	ABCN	12024

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********** Load-Flow Results For Cave Run Ckt 2 **********
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Cave Run Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					943	125	42	99			126.0			ABCN	Feeder
11026	4/0ACSR	0.4	12.5	0.0	ABCN	74	14	3	12	943	125	42	99	0.0	0.0	126.0	0.2	0.2	ABCN	11026
1026	4/0ACSR	1.0	12.5	0.0	ABCN	29	6	1	11	870	111	39	99	0.0	0.1	125.9	0.3	0.3	ABCN	1026
10261	4/0ACSR	1.6	12.5	0.0	ABCN	56	10	3	11	840	106	37	99	0.0	0.1	125.9	0.3	0.2	ABCN	10261
10242	4ACSR	4.8	12.5	0.0	A N	304	50	41	29	305	50	41	99	0.6	0.8	125.2	1.4	0.6	A N	10242
10260	4/0ACSR	3.9	12.5	0.0	ABCN	116	20	5	6	478	45	21	100	0.1	0.2	125.8	0.3	-0.1	ABCN	10260
10262	4/0ACSR	4.2	12.5	0.0	ABCN	0	-0	0	5	362	25	16	100	0.0	0.2	125.8	0.0	-0.0	ABCN	10262
1023	1/0ACSR	7.9	12.5	0.0	ABCN	180	3	8	7	362	25	16	100	0.2	0.4	125.6	0.6	-0.2	ABCN	1023
10231	1/0ACSR	10.7	12.5	0.0	ABCN	7	1	0	1	66	4	3	100	0.0	0.4	125.6	0.0	-0.5	ABCN	10231
10232	1/0EPR	15.7	12.5	0.0	ABCN	59	4	3	1	59	3	3	100	0.1	0.5	125.5	0.2	-1.0	ABCN	10232
10233	4ACSR	9.3	12.5	0.0	ABCN	0	-0	0	4	115	18	5	99	0.1	0.5	125.5	0.1	-0.2	ABCN	10233
1018	1/0ACSR	19.5	12.5	0.0	ABCN	0	0	0	0	0	-4	0	0	-0.0	0.5	125.5	0.0	-2.0	ABCN	1018
10181	1/0ACSR	28.2	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.5	125.5	0.0	-1.7	ABCN	10181
1019	4ACSR	14.8	12.5	0.0	A N	115	22	16	11	115	21	16	98	0.4	1.1	124.9	0.4	-0.1	A N	1019

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********** Load-Flow Results For Clay City Ckt 1 **********
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Clay City Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3168	-69	140	-100			126.0			ABCN	Feeder
5604	4/0ACSR	1.8	12.5	0.0	ABCN	4	1	0	41	3168	-69	140	-100	0.4	0.4	125.6	11.5	14.6	ABCN	5604
560	4/0ACSR	4.5	12.5	0.0	ABCN	58	18	3	41	3152	-85	140	-100	0.7	1.1	124.9	17.4	22.1	ABCN	560
5601	2ACSR	6.5	12.5	0.0	ABCN	456	4	20	11	457	5	20	100	0.1	1.2	124.8	1.4	0.7	ABCN	5601
5602	4/0ACSR	5.1	12.5	0.0	ABCN	17	5	1	34	2619	-131	117	-100	0.1	1.2	124.8	2.7	3.4	ABCN	5602
556	4/0ACSR	8.7	12.5	0.0	ABCN	188	59	9	17	1273	87	57	100	0.4	1.6	124.4	3.6	4.0	ABCN	556
5561	4/0ACSR	10.8	12.5	0.0	ABCN	115	36	5	14	1081	24	48	100	0.2	1.8	124.2	1.5	1.6	ABCN	5561
5562	4/0ACSR	13.6	12.5	0.0	ABCN	182	58	9	13	964	-15	43	-100	0.2	2.0	124.0	1.5	1.5	ABCN	5562
553	4ACSR	14.5	12.5	0.0	ABCN	16	-315	14	25	780	-74	35	-100	0.3	2.3	123.7	1.8	0.4	ABCN	553
Capacitor (Wye-Gnd Connected) at Center of Section 553																				
	ABCN : Nominal = 300 kvar					Actual = 320 kvar														
5531	4ACSR	20.4	12.5	0.0	A N	29	9	4	3	29	9	4	96	0.1	2.7	123.3	0.0	-0.3	A N	5531
5532	4ACSR	15.0	12.5	0.0	ABCN	9	3	0	25	734	232	35	95	0.1	2.4	123.6	0.7	0.2	ABCN	5532
552	4/0ACSR	17.8	12.5	0.0	ABCN	62	19	3	6	407	127	19	95	0.1	2.5	123.5	0.3	-0.2	ABCN	552
5521	4/0ACSR	19.5	12.5	0.0	A N	73	23	10	3	73	23	10	95	0.0	2.9	123.1	0.0	-0.1	A N	5521
5522	4/0ACSR	20.2	12.5	0.0	A N	48	15	7	2	48	15	7	95	0.0	2.9	123.1	0.0	-0.1	A N	5522
5523	4/0ACSR	19.9	12.5	0.0	ABCN	117	37	6	3	223	69	11	96	0.0	2.6	123.4	0.1	-0.3	ABCN	5523
550	4/0ACSR	22.7	12.5	0.0	ABCN	49	15	2	1	97	29	5	96	0.0	2.6	123.4	0.0	-0.5	ABCN	550
541	4/0ACSR	26.3	12.5	0.0	ABCN	33	11	2	0	33	10	2	96	0.0	2.6	123.4	0.0	-0.7	ABCN	541
542	6ACWC	32.2	12.5	0.0	A N	15	5	2	1	15	4	2	96	0.1	3.1	122.9	0.0	-0.5	A N	542
551	4/0ACSR	20.9	12.5	0.0	A N	8	3	1	0	8	3	1	96	0.0	3.0	123.0	0.0	-0.1	A N	551
554	4ACSR	19.1	12.5	0.0	A N	169	53	24	32	317	100	45	95	1.3	4.1	121.9	2.7	1.2	A N	554
555	4/0ACSR	24.1	12.5	0.0	A N	145	46	21	6	145	46	21	95	0.2	4.2	121.8	0.2	-0.0	A N	555
559	4/0ACSR	5.9	12.5	0.0	ABCN	-0	0	0	15	1098	-300	51	-96	0.0	1.3	124.7	0.7	0.8	ABCN	559
5591	2ACSR	7.5	12.5	0.0	ABCN	54	14	2	28	1097	-301	51	-96	0.4	1.6	124.4	3.9	1.7	ABCN	5591
558	4/0ACSR	8.9	12.5	0.0	ABCN	108	-610	28	11	729	-414	37	-87	0.1	1.7	124.3	0.5	0.4	ABCN	558
Capacitor (Wye-Gnd Connected) at Center of Section 558																				
	ABCN : Nominal = 600 kvar					Actual = 644 kvar														
557	336ACSR	12.5	12.5	0.0	ABCN	117	37	6	5	620	195	29	95	0.1	1.8	124.2	0.5	0.2	ABCN	557
9557	336ACSR	17.3	12.5	0.0	ABCN	173	55	8	4	502	158	24	95	0.1	2.0	124.0	0.4	-0.1	ABCN	9557
95571	336ACSR	19.8	12.5	0.0	ABCN	86	27	4	3	329	103	15	95	0.1	2.0	124.0	0.1	-0.3	ABCN	95571
95572	4ACSR	20.6	12.5	0.0	A N	0	0	0	16	157	49	22	95	0.2	2.5	123.5	0.2	0.1	A N	95572
9331	4ACSR	26.6	12.5	0.0	A N	64	20	9	7	74	23	10	96	0.3	2.8	123.2	0.2	-0.2	A N	9331
331	2ACSR	29.9	12.5	0.0	A N	10	3	1	1	10	3	1	96	0.0	2.9	123.1	0.0	-0.2	A N	331
95573	4ACSR	23.7	12.5	0.0	A N	83	26	12	8	83	26	12	95	0.2	2.7	123.3	0.1	-0.1	A N	95573
565	4ACSR	25.8	12.5	0.0	A N	85	26	12	9	86	26	12	96	0.4	2.7	123.3	0.2	-0.2	A N	565
578	4ACSR	10.0	12.5	0.0	A N	101	32	14	31	310	98	44	95	0.9	2.6	123.4	1.8	0.8	A N	578
5781	4ACSR	13.1	12.5	0.0	A N	80	25	11	8	80	25	11	95	0.2	2.8	123.2	0.1	-0.1	A N	5781
5782	4ACSR	11.9	12.5	0.0	A N	72	23	10	13	127	40	18	95	0.2	2.8	123.2	0.2	0.0	A N	5782
5783	4ACSR	14.2	12.5	0.0	A N	54	17	8	6	54	17	8	95	0.1	2.9	123.1	0.0	-0.1	A N	5783
5603	4/0ACSR	7.7	12.5	0.0	A N	138	44	19	9	229	73	32	95	0.2	1.5	124.5	0.2	0.2	A N	5603
5672	4/0ACSR	9.9	12.5	0.0	A N	91	29	13	4	91	29	13	95	0.1	1.5	124.5	0.0	-0.1	A N	5672

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********** Load-Flow Results For Clay City Ckt 2 **********
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Clay City Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3151	196	139	100			126.0			ABCN	Feeder
56701	4/0ACSR	0.1	12.5	0.0	ABCN	0	0	0	41	3151	196	139	100	0.0	0.0	126.0	0.9	1.1	ABCN	56701
567	4/0ACSR	1.8	12.5	0.0	ABCN	6	2	0	40	3064	168	135	100	0.4	0.5	125.5	10.1	12.8	ABCN	567
5671	4/0ACSR	4.4	12.5	0.0	ABCN	7	2	0	40	3048	154	135	100	0.7	1.2	124.8	16.4	20.8	ABCN	5671
571	4/0ACSR	7.9	12.5	0.0	ABCN	201	-628	29	40	3024	131	135	100	1.0	2.2	123.8	20.5	26.0	ABCN	571
Capacitor (Wye-Gnd Connected) at Center of Section 571																				
ABCN : Nominal = 600 kvar Actual = 644 kvar																				
5710	4/0ACSR	8.2	12.5	0.0	ABCN	4	1	0	19	1412	320	65	98	0.0	2.2	123.8	0.4	0.4	ABCN	5710
5711	4/0ACSR	8.5	12.5	0.0	ABCN	79	15	4	18	1356	302	62	98	0.1	2.3	123.7	0.4	0.5	ABCN	5711
573	4/0ACSR	10.6	12.5	0.0	ABCN	169	26	8	17	1276	286	59	98	0.3	2.6	123.4	2.2	2.5	ABCN	573
5731	4/0ACSR	11.1	12.5	0.0	ABCN	112	35	5	7	513	155	24	96	0.0	2.6	123.4	0.1	0.0	ABCN	5731
5758	4/0ACSR	11.4	12.5	0.0	ABCN	41	10	2	6	401	121	19	96	0.0	2.6	123.4	0.0	-0.0	ABCN	5758
5755	4/0ACSR	12.1	12.5	0.0	A N	40	12	6	2	40	12	6	96	0.0	2.8	123.2	0.0	-0.0	A N	5755
5757	4/0ACSR	11.8	12.5	0.0	ABCN	5	1	0	3	197	60	9	96	0.0	2.6	123.4	0.0	-0.1	ABCN	5757
5751	6ACWC	12.7	12.5	0.0	A N	39	12	6	4	39	12	6	96	0.0	2.8	123.2	0.0	-0.0	A N	5751
5754	6ACWC	12.3	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	2.5	123.5	0.0	-0.1	BCN	5754
5756	4/0ACSR	12.1	12.5	0.0	ABCN	6	2	0	2	152	47	7	96	0.0	2.6	123.4	0.0	-0.1	ABCN	5756
575	4/0ACSR	13.0	12.5	0.0	ABCN	99	31	5	1	99	30	5	96	0.0	2.6	123.4	0.0	-0.2	ABCN	575
5750	6ACWC	13.0	12.5	0.0	A N	47	15	7	5	47	14	7	96	0.0	2.8	123.2	0.0	-0.0	A N	5750
5753	6ACWC	12.8	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	2.5	123.5	0.0	-0.1	BCN	5753
5752	6ACWC	12.2	12.5	0.0	AB N	123	38	9	6	123	38	9	96	0.0	2.6	123.4	0.1	-0.0	AB N	5752
5732	336ACSR	12.3	12.5	0.0	ABCN	206	15	9	4	457	66	21	99	0.0	2.6	123.4	0.1	-0.1	ABCN	5732
5733	4/0ACSR	13.4	12.5	0.0	A N	57	13	8	2	57	13	8	97	0.0	2.8	123.2	0.0	-0.1	A N	5733
5734	336ACSR	14.0	12.5	0.0	ABCN	194	38	9	2	194	38	9	98	0.0	2.6	123.4	0.1	-0.2	ABCN	5734
5735	4/0ACSR	11.6	12.5	0.0	A N	134	36	19	6	134	36	19	97	0.0	2.8	123.2	0.0	-0.0	A N	5735
5691	4ACSR	10.0	12.5	0.0	A N	51	16	7	5	51	16	7	96	0.1	2.4	123.6	0.0	-0.1	A N	5691
605	6ACWC	9.2	12.5	0.0	ABCN	24	7	1	47	1391	412	65	96	0.7	2.9	123.1	7.3	2.3	ABCN	605
6053	6ACWC	11.2	12.5	0.0	ABCN	13	4	1	41	1230	363	58	96	1.0	3.8	122.2	9.5	2.9	ABCN	6053
604	6ACWC	11.9	12.5	0.0	ABCN	16	5	1	28	820	246	39	96	0.2	4.0	122.0	1.4	0.4	ABCN	604
6043	1/0ACSR	14.0	12.5	0.0	ABCN	98	30	5	15	730	218	35	96	0.3	4.3	121.7	1.4	0.7	ABCN	6043
6042	1/0ACSR	17.2	12.5	0.0	A N	101	23	14	6	101	23	14	97	0.1	4.6	121.4	0.1	-0.1	A N	6042
606	4ACSR	15.3	12.5	0.0	A N	23	7	3	26	258	79	37	96	0.5	5.0	121.0	0.9	0.4	A N	606
6061	4ACSR	17.1	12.5	0.0	A N	96	30	14	10	96	30	14	96	0.1	5.1	120.9	0.1	-0.0	A N	6061
6062	4ACSR	18.9	12.5	0.0	A N	87	27	13	14	138	42	20	96	0.5	5.4	120.6	0.4	0.1	A N	6062
60621	2ACSR	22.6	12.5	0.0	A N	50	15	7	4	50	15	7	96	0.1	5.5	120.5	0.0	-0.2	A N	60621
607	4ACSR	16.3	12.5	0.0	A N	51	16	7	28	271	83	39	96	0.8	5.3	120.7	1.5	0.7	A N	607
6071	4ACSR	23.1	12.5	0.0	A N	72	22	10	7	72	22	10	96	0.3	5.7	120.3	0.2	-0.2	A N	6071
6072	4ACSR	23.1	12.5	0.0	A N	146	45	21	15	147	45	21	96	0.7	6.0	120.0	0.8	0.1	A N	6072
6041	1/0ACSR	14.0	12.5	0.0	A N	73	22	10	5	73	22	10	96	0.1	4.2	121.8	0.0	-0.1	A N	6041
568	336ACSR	11.7	12.5	0.0	ABCN	1	0	0	3	387	110	18	96	0.0	3.8	122.2	0.0	-0.0	ABCN	568
566	1/0ACSR	13.4	12.5	0.0	A N	66	20	9	17	274	84	39	96	0.3	4.3	121.7	0.5	0.5	A N	566
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 566																				
A N : Tap = 6 RAISE																				
H Regulator			13.4	12.5	0.0	A N				30	208	63	30	96	-4.6	-0.3	126.2	0.0	0.0	A N	Regulator
5663	1/0ACSR	17.8	12.5	0.0	A N	57	17	8	12	208	63	29	96	0.6	0.3	125.7	0.7	0.5	A N	5663
5662	1/0ACSR	19.8	12.5	0.0	A N	27	8	4	6	105	32	15	96	0.1	0.5	125.5	0.1	-0.0	A N	5662
368	1/0ACSR	27.3	12.5	0.0	A N	24	7	3	1	24	7	3	96	0.1	0.5	125.5	0.0	-0.4	A N	368
569	4ACSR	24.9	12.5	0.0	A N	55	17	8	5	55	17	8	96	0.2	0.7	125.3	0.1	-0.2	A N	569
5661	6ACWC	20.3	12.5	0.0	A N	45	14	6	4	45	14	6	96	0.1	0.4	125.6	0.0	-0.1	A N	5661
6052	336ACSR	12.8	12.5	0.0	ABCN	111	25	5	1	111	25	5	98	0.0	3.8	122.2	0.0	-0.2	ABCN	6052
6051	6ACWC	12.3	12.5	0.0	A N	129	40	18	13	129	40	18	96	0.3	3.2	122.8	0.3	0.0	A N	6051
561	6ACWC	3.5	12.5	0.0	A N	86	26	12	9	86	26	12	96	0.2	0.2	125.8	0.1	-0.1	A N	561

********** Load-Flow Results For Clay City Ckt 3 **********

Clay City Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
		Phase	Dist	Nom	%V	Phs			Ldg					Volt	Accm	Volt			Phs	
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg	Section
	Feeder			12.5	0.0	ABCN					318	-300	19	-73			126.0			ABCN	Feeder
H	58001	336ACSR	1.3	12.5	0.0	ABCN	318	-300	19	4	318	-300	19	-73	-0.0	-0.0	126.0	0.1	-0.0	ABCN	58001
	Capacitor (Wye-Gnd Connected) at Center of Section 58001																				
		ABCN : Nominal = 300 kvar Actual = 331 kvar																			

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********** Load-Flow Results For Clay City Ckt 4 **********
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Clay City Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					4848	218	214	100			126.0			ABCN	Feeder
580	336ACSR	2.8	12.5	0.0	ABCN	0	0	0	40	4848	218	214	100	0.6	0.6	125.4	22.6	46.8	ABCN	580
5801	336ACSR	5.4	12.5	0.0	ABCN	7	2	0	38	4594	110	204	100	0.5	1.2	124.8	18.6	38.5	ABCN	5801
528	336ACSR	6.8	12.5	0.0	ABCN	14	4	1	5	584	158	27	97	0.1	1.2	124.8	0.2	0.1	ABCN	528
9525	6ACWC	10.2	12.5	0.0	A N	122	33	17	12	122	33	17	97	0.3	1.5	124.5	0.2	-0.0	A N	9525
525	336ACSR	9.5	12.5	0.0	ABCN	32	9	1	4	447	121	21	97	0.1	1.3	124.7	0.2	-0.2	ABCN	525
5251	6ACWC	10.5	12.5	0.0	A N	90	24	12	9	90	24	12	97	0.1	1.4	124.6	0.0	-0.0	A N	5251
5252	6ACWC	15.3	12.5	0.0	A N	180	49	25	32	325	88	45	97	1.7	3.0	123.0	3.4	1.8	A N	5252
5253	6ACWC	20.5	12.5	0.0	A N	89	24	13	14	142	38	20	97	0.6	3.7	122.3	0.6	0.1	A N	5253
5254	6ACWC	25.4	12.5	0.0	A N	52	14	7	5	53	14	7	97	0.2	3.8	122.2	0.1	-0.2	A N	5254
574	336ACSR	7.7	12.5	0.0	ABCN	38	10	2	33	3985	-89	177	-100	0.4	1.5	124.5	12.3	25.4	ABCN	574
5759	4/0ACSR	7.8	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	1.5	124.5	0.0	-0.0	ABCN	5759
576	4/0ACSR	12.1	12.5	0.0	ABCN	60	16	3	52	3934	-124	176	-100	1.3	2.9	123.1	44.8	57.5	ABCN	576
5761	4/0ACSR	14.5	12.5	0.0	ABCN	26	7	1	49	3687	-237	167	-100	0.7	3.6	122.4	22.3	28.5	ABCN	5761
5763	336ACSR	16.8	12.5	0.0	ABCN	47	13	2	28	3212	-356	147	-99	0.2	3.8	122.2	8.5	17.3	ABCN	5763
57631	336ACSR	16.8	12.5	0.0	ABCN	13	3	1	27	3157	-386	145	-99	0.0	3.8	122.2	0.2	0.4	ABCN	57631
5764	336ACSR	17.2	12.5	0.0	ABCN	10	3	0	0	10	3	0	97	0.0	3.8	122.2	0.0	-0.1	ABCN	5764
5765	336ACSR	18.1	12.5	0.0	ABCN	213	49	10	27	3133	-392	144	-99	0.1	3.9	122.1	4.2	8.7	ABCN	5765
5766	336ACSR	19.3	12.5	0.0	ABCN	130	34	6	25	2916	-450	134	-99	0.1	4.0	122.0	3.8	7.6	ABCN	5766
5767	336ACSR	21.5	12.5	0.0	ABCN	89	18	4	1	89	18	4	98	0.0	4.0	122.0	0.0	-0.4	ABCN	5767
57661	336ACSR	19.7	12.5	0.0	ABCN	17	5	1	0	17	5	1	97	0.0	4.0	122.0	0.0	-0.1	ABCN	57661
602	1/0ACSR	22.3	12.5	0.0	ABCN	279	57	13	54	2676	-515	124	-98	1.0	5.0	121.0	26.7	19.8	ABCN	602
610	1/0ACSR	24.3	12.5	0.0	ABCN	7	2	0	49	2371	-591	112	-97	0.6	5.7	120.3	16.5	12.1	ABCN	610
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 610																				
ABCN : Tap = 6 RAISE																				
C Regulator		24.3	12.5	0.0	ABCN				112	2348	-605	112	-97	-5.0	0.7	125.3	0.0	0.0	ABCN	Regulator
6101	1/0ACSR	28.9	12.5	0.0	ABCN	128	35	6	47	2348	-605	107	-97	1.3	2.0	124.0	32.4	23.6	ABCN	6101
6102	1/0ACSR	31.5	12.5	0.0	ABCN	40	-627	28	45	2187	-664	102	-96	0.8	2.7	123.3	16.0	11.6	ABCN	6102
Capacitor (Wye-Gnd Connected) at Center of Section 6102																				
ABCN : Nominal = 600 kvar Actual = 638 kvar																				
635	1/0ACSR	35.4	12.5	0.0	ABCN	110	30	5	34	1702	-165	77	-100	0.9	3.6	122.4	13.9	9.8	ABCN	635
6361	1/0ACSR	36.4	12.5	0.0	ABCN	3	1	0	25	1237	-300	58	-97	0.2	3.8	122.2	2.1	1.4	ABCN	6361
636	1/0ACSR	39.5	12.5	0.0	ABCN	75	-599	27	25	1232	-302	58	-97	0.6	4.4	121.6	6.3	4.2	ABCN	636
Capacitor (Wye-Gnd Connected) at Center of Section 636																				
ABCN : Nominal = 600 kvar Actual = 620 kvar																				
637	1/0ACSR	42.5	12.5	0.0	ABCN	62	17	3	16	763	195	36	97	0.4	4.8	121.2	2.3	1.2	ABCN	637
6371	1/0ACSR	45.3	12.5	0.0	A N	147	40	21	9	147	40	21	97	0.2	5.5	120.5	0.2	0.0	A N	6371
6372	1/0ACSR	46.8	12.5	0.0	ABCN	186	34	9	11	551	135	26	97	0.4	5.2	120.8	1.6	0.6	ABCN	6372
6373	1/0ACSR	51.2	12.5	0.0	ABCN	166	45	8	8	363	99	17	96	0.2	5.5	120.5	0.8	-0.1	ABCN	6373
6401	1/0ACSR	54.8	12.5	0.0	A N	99	27	14	6	99	27	14	97	0.1	6.5	119.5	0.1	-0.1	A N	6401
640	4ACSR	57.9	12.5	0.0	A N	95	26	14	10	95	26	14	97	0.4	6.9	119.1	0.3	-0.1	A N	640
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 641																				
A N : Tap = 6 RAISE																				
Regulator		39.5	12.5	0.0	A N				55	385	95	55	97	-4.5	0.4	125.6	0.0	0.0	A N	Regulator
641	336ACSR	43.3	12.5	0.0	A N	7	2	1	10	385	95	53	97	0.4	0.8	125.2	0.9	1.8	A N	641
6411	4ACSR	44.8	12.5	0.0	A N	1	0	0	37	378	91	52	97	0.8	1.5	124.5	2.2	1.1	A N	6411
6413	4ACSR	51.6	12.5	0.0	A N	104	28	15	28	282	76	39	97	2.1	3.6	122.4	3.8	1.7	A N	6413
6414	4ACSR	55.2	12.5	0.0	A N	141	38	20	17	173	46	24	97	0.5	4.2	121.8	0.6	0.1	A N	6414
64141	4ACSR	58.0	12.5	0.0	A N	0	0	0	3	32	8	4	97	0.1	4.3	121.7	0.0	-0.1	A N	64141
6415	4ACSR	59.2	12.5	0.0	A N	17	5	2	2	17	5	2	97	0.0	4.3	121.7	0.0	-0.1	A N	6415
646	4ACSR	65.2	12.5	0.0	A N	14	4	2	1	14	3	2	97	0.1	4.4	121.6	0.0	-0.3	A N	646
6412	4ACSR	51.5	12.5	0.0	A N	93	14	13	9	93	14	13	99	0.4	1.9	124.1	0.3	-0.2	A N	6412
634	4ACSR	41.1	12.5	0.0	A N	170	46	24	35	341	93	48	96	2.0	6.1	119.9	4.4	2.0	A N	634
6341	4ACSR	45.1	12.5	0.0	A N	166	45	24	17	167	45	24	97	0.5	6.5	119.5	0.6	0.1	A N	6341
633	336ACSR	37.9	12.5	0.0	ABCN	44	12	2	4	428	116	20	97	0.2	2.9	123.1	0.4	-0.5	ABCN	633
6331	4ACSR	42.1	12.5	0.0	A N	41	11	6	15	151	41	21	97	0.8	4.0	122.0	0.8	0.2	A N	6331
6334	4ACSR	44.0	12.5	0.0	A N	31	8	4	3	31	8	4	97	0.0	4.0	122.0	0.0	-0.1	A N	6334
6335	4ACSR	44.5	12.5	0.0	A N	79	21	11	8	79	21	11	97	0.1	4.1	121.9	0.1	-0.1	A N	6335
6336	4ACSR	40.9	12.5	0.0	A N	66	18	9	23	232	62	33	97	0.8	4.0	122.0	1.3	0.5	A N	6336
6332	4ACSR	42.4	12.5	0.0	A N	26	7	4	3	26	7	4	97	0.0	4.1	121.9	0.0	-0.1	A N	6332
6333	4ACSR	43.3	12.5	0.0	A N	53	14	7	14	140	37	20	97	0.4	4.4	121.6	0.3	0.1	A N	6333

Clay City Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6337	2ACSR	47.0	12.5	0.0	A N	0	0	0	7	87	23	12	97	0.3	4.7	121.3	0.2	-0.0	A N	6337
6342	4ACSR	57.5	12.5	0.0	A N	86	23	12	9	86	23	12	97	0.6	5.4	120.6	0.4	-0.3	A N	6342
6788	336ACSR	23.6	12.5	0.0	ABCN	28	8	1	0	28	6	1	98	0.0	3.6	122.4	0.0	-1.8	ABCN	6788
678	336ACSR	16.4	12.5	0.0	ABCN	-0	0	0	3	399	78	18	98	0.0	3.6	122.4	0.1	-0.2	ABCN	678
6782	336ACSR	19.4	12.5	0.0	ABCN	27	7	1	2	240	35	11	99	0.0	3.6	122.4	0.1	-0.5	ABCN	6782
6786	336ACSR	22.0	12.5	0.0	ABCN	111	2	5	1	123	4	6	100	0.0	3.7	122.3	0.0	-0.5	ABCN	6786
6787	4ACSR	23.2	12.5	0.0	AB N	12	3	1	1	12	3	1	97	0.0	3.7	122.3	0.0	-0.1	AB N	6787
6783	4ACSR	21.0	12.5	0.0	A N	12	3	2	9	91	24	13	97	0.2	3.9	122.1	0.1	-0.0	A N	6783
6784	4ACSR	23.2	12.5	0.0	A N	22	6	3	8	79	21	11	97	0.2	4.1	121.9	0.1	-0.0	A N	6784
6785	4ACSR	30.5	12.5	0.0	A N	57	15	8	6	57	15	8	97	0.3	4.4	121.6	0.1	-0.3	A N	6785
6781	4ACSR	19.4	12.5	0.0	A N	158	43	22	16	158	43	22	97	0.3	4.0	122.0	0.4	0.1	A N	6781
5762	4/0ACSR	17.1	12.5	0.0	A N	142	38	20	6	142	38	20	97	0.2	3.1	122.9	0.2	-0.0	A N	5762
5692	6ACWC	7.4	12.5	0.0	A N	109	29	15	11	109	29	15	97	0.3	0.9	125.1	0.3	-0.1	A N	5692
572	6ACWC	7.5	12.5	0.0	A N	121	33	17	12	121	33	17	97	0.4	1.0	125.0	0.3	-0.0	A N	572

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********** Load-Flow Results For Frenchburg Ckt 1 **********
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Frenchburg Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1930	-114	85	-100			126.0			ABCN	Feeder
1074	1/0CU	0.6	12.5	0.0	ABCN	67	17	3	27	1930	-114	85	-100	0.1	0.1	125.9	1.5	1.7	ABCN	1074
1061	6ACWC	3.2	12.5	0.0	ABCN	35	9	2	59	1861	-133	82	-100	1.6	1.7	124.3	24.1	7.8	ABCN	1061
10611	336ACSR	6.2	12.5	0.0	ABCN	6	1	0	15	1802	-150	81	-100	0.2	1.9	124.1	3.4	6.4	ABCN	10611
10612	6ACWC	12.3	12.5	0.0	ABCN	55	14	3	58	1793	-158	81	-100	3.6	5.5	120.5	53.3	17.3	ABCN	10612
10543	6ACWC	14.0	12.5	0.0	ABCN	0	0	0	53	1596	-212	74	-99	0.9	6.4	119.6	12.7	4.1	ABCN	10543
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10543																				
ABCN : Tap = 8 RAISE																				
Regulator		14.0	12.5	0.0	ABCN				74	1583	-216	74	-99	-6.0	0.4	125.6	0.0	0.0	ABCN	Regulator
1054	6ACWC	17.4	12.5	0.0	ABCN	74	19	3	50	1583	-216	71	-99	1.7	2.1	123.9	22.4	7.1	ABCN	1054
10541	4ACSR	21.1	12.5	0.0	ABCN	70	18	3	48	1487	-242	68	-99	1.8	3.9	122.1	23.8	7.2	ABCN	10541
1052	4ACSR	22.2	12.5	0.0	ABCN	28	1	1	43	1291	-293	60	-98	0.5	4.4	121.6	6.0	1.8	ABCN	1052
10522	4ACSR	26.9	12.5	0.0	ABCN	19	-601	28	41	1230	-302	58	-97	2.1	6.5	119.5	22.4	6.6	ABCN	10522
Capacitor (Wye-Gnd Connected) at Center of Section 10522																				
ABCN : Nominal = 600 kvar Actual = 606 kvar																				
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10522																				
ABCN : Tap = 8 RAISE																				
Regulator		26.9	12.5	0.0	ABCN				57	1189	292	57	97	-6.0	0.5	125.5	-0.0	-0.0	ABCN	Regulator
1041	6ACWC	33.5	12.5	0.0	ABCN	134	34	6	14	421	95	19	98	0.9	1.4	124.6	2.8	-0.0	ABCN	1041
10413	6ACWC	35.9	12.5	0.0	ABCN	50	9	2	7	219	44	10	98	0.2	1.6	124.4	0.3	-0.3	ABCN	10413
1035	4ACSR	41.7	12.5	0.0	ABCN	85	22	4	4	136	27	6	98	0.2	1.8	124.2	0.3	-0.9	ABCN	1035
10351	4ACSR	52.4	12.5	0.0	ABCN	51	8	2	2	51	6	2	99	0.1	1.9	124.1	0.1	-1.8	ABCN	10351
1036	6ACWC	39.6	12.5	0.0	A N	20	5	3	3	31	8	4	97	0.1	1.9	124.1	0.0	-0.2	A N	1036
10361	6ACWC	43.0	12.5	0.0	A N	11	3	2	1	11	3	2	97	0.0	1.9	124.1	0.0	-0.2	A N	10361
10411	6ACWC	38.3	12.5	0.0	A N	31	8	4	6	66	16	9	97	0.3	1.9	124.1	0.1	-0.2	A N	10411
10412	6ACWC	45.7	12.5	0.0	A N	34	9	5	3	34	8	5	97	0.2	2.0	124.0	0.0	-0.3	A N	10412
1040	336ACSR	31.5	12.5	0.0	ABCN	57	15	3	7	768	197	35	97	0.2	0.8	125.2	0.9	1.0	ABCN	1040
712	4ACSR	37.1	12.5	0.0	A N	120	31	17	19	190	48	26	97	1.0	1.5	124.5	1.1	0.3	A N	712
71200	4ACSR	44.7	12.5	0.0	A N	24	6	3	7	69	17	9	97	0.6	2.1	123.9	0.3	-0.2	A N	71200
71201	4ACSR	52.4	12.5	0.0	A N	45	11	6	4	45	11	6	97	0.2	2.3	123.7	0.1	-0.3	A N	71201
10375	336ACSR	39.0	12.5	0.0	ABCN	89	23	4	4	520	133	24	97	0.2	1.0	125.0	0.7	-0.2	ABCN	10375
10373	4ACSR	45.4	12.5	0.0	A N	83	21	11	8	83	21	11	97	0.4	1.2	124.8	0.2	-0.2	A N	10373
10374	4ACSR	44.3	12.5	0.0	A N	42	11	6	4	42	11	6	97	0.2	1.0	125.0	0.0	-0.2	A N	10374
10372	336ACSR	40.3	12.5	0.0	ABCN	20	5	1	3	305	78	14	97	0.0	1.0	125.0	0.0	-0.2	ABCN	10372
10371	4ACSR	45.4	12.5	0.0	A N	22	6	3	2	22	5	3	97	0.1	1.0	125.0	0.0	-0.3	A N	10371
1037	336ACSR	42.5	12.5	0.0	ABCN	31	8	1	2	263	67	12	97	0.0	1.1	124.9	0.1	-0.4	ABCN	1037
10224	4ACSR	43.5	12.5	0.0	A N	0	0	0	23	233	59	32	97	0.3	1.3	124.7	0.5	0.2	A N	10224
1022	4ACSR	49.1	12.5	0.0	A N	112	29	16	23	232	59	32	97	1.3	2.6	123.4	1.9	0.7	A N	1022
10221	4ACSR	53.7	12.5	0.0	A N	50	13	7	12	118	30	16	97	0.6	3.2	122.8	0.4	0.0	A N	10221
10222	4ACSR	58.9	12.5	0.0	A N	41	11	6	4	41	10	6	97	0.1	3.3	122.7	0.0	-0.2	A N	10222
10223	4ACSR	61.9	12.5	0.0	A N	27	7	4	3	27	7	4	97	0.1	3.3	122.7	0.0	-0.4	A N	10223
10521	6ACWC	26.5	12.5	0.0	A N	27	7	4	3	27	7	4	97	0.1	4.9	121.1	0.0	-0.2	A N	10521
1053	6ACWC	24.6	12.5	0.0	A N	8	2	1	10	102	25	14	97	0.4	4.8	121.2	0.3	0.0	A N	1053
10531	6ACWC	28.6	12.5	0.0	A N	18	5	3	2	18	4	3	97	0.0	4.8	121.2	0.0	-0.2	A N	10531
10532	6ACWC	34.2	12.5	0.0	A N	0	0	0	0	0	-0	0	-85	0.0	4.8	121.2	0.0	-0.3	A N	10532
10533	6ACWC	29.8	12.5	0.0	A N	17	4	2	8	75	19	11	97	0.4	5.2	120.8	0.2	-0.1	A N	10533
10534	6ACWC	35.0	12.5	0.0	A N	58	15	8	6	58	15	8	97	0.2	5.4	120.6	0.1	-0.2	A N	10534
1060	4ACSR	19.2	12.5	0.0	A N	88	22	13	9	88	22	13	97	0.4	6.1	119.9	0.3	-0.2	A N	1060

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********** Load-Flow Results For Frenchburg Ckt 2 **********
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Frenchburg Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					991	206	45	98			126.0			ABCN	Feeder
1078	397ACSR	3.9	12.5	0.0	ABCN	91	14	4	8	991	206	45	98	0.2	0.2	125.8	1.1	1.7	ABCN	1078
10781	397ACSR	5.9	12.5	0.0	ABCN	73	19	3	7	898	190	41	98	0.1	0.3	125.7	0.5	0.7	ABCN	10781
10782	397ACSR	9.2	12.5	0.0	ABCN	66	11	3	0	66	10	3	99	0.0	0.3	125.7	0.0	-0.7	ABCN	10782
10783	397ACSR	9.7	12.5	0.0	ABCN	33	9	1	6	759	160	34	98	0.2	0.4	125.6	0.6	0.7	ABCN	10783
1072	1/0ACSR	17.2	12.5	0.0	ABCN	78	16	4	14	725	151	33	98	0.9	1.4	124.6	4.7	2.1	ABCN	1072
11101	1/0ACSR	18.0	12.5	0.0	ABCN	164	43	8	13	643	132	29	98	0.1	1.5	124.5	0.4	0.1	ABCN	11101
11102	2ACSR	25.0	12.5	0.0	A N	61	16	8	5	61	16	8	97	0.2	1.9	124.1	0.1	-0.3	A N	11102
1110	1/0ACSR	20.7	12.5	0.0	ABCN	53	14	2	8	417	73	19	98	0.2	1.6	124.4	0.6	-0.1	ABCN	1110
1111	4ACSR	23.0	12.5	0.0	ABCN	236	26	11	8	237	26	11	99	0.1	1.8	124.2	0.6	-0.1	ABCN	1111
111101	2ACSR	27.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.3	123.7	0.0	-0.2	A N	111101
11121	4ACSR	21.8	12.5	0.0	A N	2	0	0	12	126	33	17	97	0.2	2.1	123.9	0.2	0.0	A N	11121
1112	4ACSR	29.1	12.5	0.0	A N	123	32	17	12	124	32	17	97	0.6	2.7	123.3	0.6	-0.1	A N	1112

********** Load-Flow Results For Frenchburg Ckt 3 **********

Frenchburg Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2341	-128	103	-100			126.0			ABCN	Feeder
1073	1/0CU	3.4	12.5	0.0	ABCN	59	15	3	33	2341	-128	103	-100	0.6	0.6	125.4	12.1	14.0	ABCN	1073
10731	1/0CU	8.2	12.5	0.0	A N	35	9	5	2	35	9	5	97	0.0	0.7	125.3	0.0	-0.2	A N	10731
10732	1/0CU	7.8	12.5	0.0	ABCN	249	-277	17	32	2235	-166	99	-100	0.8	1.4	124.6	13.7	15.9	ABCN	10732
Capacitor (Wye-Gnd Connected) at Center of Section 10732																				
	ABCN : Nominal = 300 kvar Actual = 326 kvar																			
1071	2ACSR	10.7	12.5	0.0	ABCN	321	46	15	49	1972	94	88	100	1.3	2.7	123.3	19.6	9.6	ABCN	1071
10711	2ACSR	11.5	12.5	0.0	ABCN	64	0	3	41	1631	39	74	100	0.3	3.0	123.0	3.9	1.9	ABCN	10711
1067	2ACSR	15.2	12.5	0.0	ABCN	340	-118	16	38	1506	21	68	100	1.2	4.2	121.8	14.0	6.8	ABCN	1067
Capacitor (Wye-Gnd Connected) at Center of Section 1067																				
	ABCN : Nominal = 150 kvar Actual = 156 kvar																			
10661	2ACSR	17.9	12.5	0.0	ABCN	44	11	2	6	241	59	11	97	0.2	4.4	121.6	0.3	-0.3	ABCN	10661
10662	2ACSR	23.1	12.5	0.0	A N	72	19	10	6	72	18	10	97	0.2	5.5	120.5	0.1	-0.2	A N	10662
10663	2ACSR	22.2	12.5	0.0	ABCN	41	11	2	3	123	29	6	97	0.1	4.5	121.5	0.1	-0.7	ABCN	10663
1066	2ACSR	24.2	12.5	0.0	ABCN	31	8	1	2	82	19	4	97	0.0	4.5	121.5	0.0	-0.3	ABCN	1066
10669	2ACSR	27.2	12.5	0.0	ABCN	11	3	1	1	50	11	2	98	0.0	4.6	121.4	0.0	-0.5	ABCN	10669
733	2ACSR	31.1	12.5	0.0	ABCN	16	4	1	1	39	8	2	98	0.0	4.6	121.4	0.0	-0.7	ABCN	733
73300	2ACSR	37.0	12.5	0.0	ABCN	22	6	1	1	22	5	1	98	0.0	4.6	121.4	0.0	-1.0	ABCN	73300
1113	6ACWC	22.0	12.5	0.0	ABCN	706	10	33	30	905	68	42	100	1.4	5.6	120.4	20.0	10.0	ABCN	1113
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 748																				
	A N : Tap = 11 RAISE																			
Regulator			22.0	12.5	0.0	A N				26	175	44	26	97	-8.1	0.4	125.6	0.0	0.0	A N	Regulator
748	4ACSR	29.1	12.5	0.0	A N	37	10	5	17	175	44	24	97	1.5	1.8	124.2	1.7	0.6	A N	748
74800	4ACSR	41.3	12.5	0.0	A N	35	9	5	3	35	9	5	97	0.3	2.1	123.9	0.1	-0.6	A N	74800
74801	4ACSR	32.7	12.5	0.0	A N	9	2	1	10	101	25	14	97	0.5	2.3	123.7	0.3	-0.0	A N	74801
749	6ACWC	39.4	12.5	0.0	A N	4	1	1	9	91	23	13	97	0.8	3.0	123.0	0.5	-0.0	A N	749
74900	6ACWC	46.5	12.5	0.0	A N	62	16	9	6	62	16	9	97	0.3	3.3	122.7	0.1	-0.3	A N	74900
74901	6ACWC	44.8	12.5	0.0	A N	24	6	3	2	24	6	3	97	0.1	3.1	122.9	0.0	-0.3	A N	74901
1070	4ACSR	17.7	12.5	0.0	A N	56	14	8	6	56	14	8	97	0.2	3.8	122.2	0.1	-0.2	A N	1070

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********** Load-Flow Results For Frenchburg Ckt 4 **********
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Frenchburg Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2695	60	60	100			126.0			ABCN	Feeder
1080	336ACSR	0.8	24.9	0.0	ABCN	0	-0	0	11	2695	60	60	100	0.0	0.0	126.0	0.5	0.3	ABCN	1080
1075	336ACSR	6.3	24.9	0.0	ABCN	25	7	1	11	2695	59	60	100	0.2	0.2	125.8	3.4	2.3	ABCN	1075
10751	4ACSR	11.6	24.9	0.0	A N	12	3	1	1	12	2	1	98	0.0	0.2	125.8	0.0	-1.1	A N	10751
10752	336ACSR	7.6	24.9	0.0	ABCN	10	3	0	11	2655	48	59	100	0.0	0.2	125.8	0.8	0.5	ABCN	10752
10753	4ACSR	9.8	24.9	0.0	A N	16	5	1	1	16	4	1	97	0.0	0.2	125.8	0.0	-0.5	A N	10753
10754	336ACSR	11.3	24.9	0.0	ABCN	30	8	1	11	2628	40	58	100	0.1	0.3	125.7	2.2	1.3	ABCN	10754
1077	1/0ACSR	16.6	24.9	0.0	ABCN	19	5	0	25	2546	19	56	100	0.5	0.9	125.1	10.6	4.0	ABCN	1077
10771	1/0ACSR	19.1	24.9	0.0	ABCN	10	3	0	24	2517	10	56	100	0.3	1.1	124.9	5.0	1.9	ABCN	10771
10772	1/0ACSR	22.4	24.9	0.0	ABCN	1	0	0	24	2501	5	56	100	0.3	1.4	124.6	6.5	2.4	ABCN	10772
1063	2ACSR	29.2	24.9	0.0	ABCN	8	2	0	30	2405	-20	54	-100	1.0	2.4	123.6	18.8	4.6	ABCN	1063
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1063																				
	ABCN : Tap = 3 RAISE																			
Regulator			29.2	24.9	0.0	ABCN				54	2379	-27	54	-100	-2.3	0.1	125.7	0.0	-0.0	ABCN	Regulator
10632	2ACSR	32.5	24.9	0.0	ABCN	0	0	0	29	2341	-36	52	-100	0.4	0.5	125.5	8.4	1.8	ABCN	10632
10641	4ACSR	35.0	24.9	0.0	A N	23	7	2	10	203	52	14	97	0.2	0.7	125.3	0.2	-0.4	A N	10641
1064	4ACSR	39.1	24.9	0.0	A N	1	0	0	9	180	46	12	97	0.2	1.0	125.0	0.3	-0.7	A N	1064
1055	4ACSR	44.3	24.9	0.0	A N	67	19	5	9	178	46	12	97	0.3	1.2	124.8	0.3	-0.9	A N	1055
10551	4ACSR	46.3	24.9	0.0	A N	14	4	1	1	14	3	1	97	0.0	1.2	124.8	0.0	-0.4	A N	10551
10552	4ACSR	46.7	24.9	0.0	A N	22	6	1	5	97	24	7	97	0.1	1.3	124.7	0.0	-0.5	A N	10552
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 10552																				
Transformer			46.7	12.4	0.0	A N				23	76	19	5	97	0.0	1.3	124.7	0.0	0.0	A N	Transformer
1056	4ACSR	55.2	12.4	0.0	A N	10	3	1	7	76	19	10	97	0.8	2.1	123.9	0.4	-0.2	A N	1056
1050	4ACSR	60.7	12.4	0.0	A N	2	1	0	2	20	4	3	98	0.1	2.2	123.8	0.0	-0.3	A N	1050
10501	4ACSR	67.4	12.4	0.0	A N	18	5	3	2	18	5	3	97	0.1	2.3	123.7	0.0	-0.3	A N	10501
10502	4ACSR	63.9	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.2	123.8	0.0	-0.2	A N	10502
105021	4ACSR	66.7	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.2	123.8	0.0	-0.1	A N	105021
10503	4ACSR	73.4	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.2	123.8	0.0	-0.3	A N	10503
10504	4ACSR	81.8	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.4	A N	10504
1051	4ACSR	60.4	12.4	0.0	A N	7	2	1	4	45	12	6	97	0.3	2.4	123.6	0.1	-0.2	A N	1051
10511	4ACSR	64.6	12.4	0.0	A N	9	3	1	1	9	2	1	97	0.0	2.4	123.6	0.0	-0.2	A N	10511
10512	4ACSR	64.0	12.4	0.0	A N	28	8	4	3	28	8	4	96	0.1	2.5	123.5	0.0	-0.2	A N	10512
1065	1/0ACSR	33.6	24.9	0.0	ABCN	8	2	0	21	2130	-90	47	-100	0.1	0.6	125.4	1.6	0.3	ABCN	1065
10651	2ACSR	37.4	24.9	0.0	A N	6	2	0	0	6	1	0	99	0.0	0.7	125.3	0.0	-0.8	A N	10651
10652	1/0ACSR	41.3	24.9	0.0	ABCN	30	3	1	20	2114	-93	47	-100	0.6	1.2	124.8	10.7	2.2	ABCN	10652
10653	4/0ACSR	42.9	24.9	0.0	ABCN	0	-0	0	14	2074	-98	46	-100	0.1	1.3	124.7	1.2	0.2	ABCN	10653
1133	2ACSR	45.5	24.9	0.0	ABCN	24	7	1	26	2073	-99	46	-100	0.3	1.6	124.4	5.3	0.8	ABCN	1133
11331	2ACSR	47.0	24.9	0.0	ABCN	56	16	1	25	2044	-106	46	-100	0.2	1.8	124.2	3.0	0.4	ABCN	11331
11332	4ACSR	53.5	24.9	0.0	A N	18	5	1	1	18	4	1	98	0.0	1.9	124.1	0.0	-1.3	A N	11332
11333	2ACSR	48.9	24.9	0.0	ABCN	4	-641	14	25	1966	-126	44	-100	0.2	2.0	124.0	3.6	0.5	ABCN	11333
Capacitor (Wye-Gnd Connected) at Center of Section 11333																				
	ABCN : Nominal = 600 kvar Actual = 642 kvar																			
11341	2ACSR	49.9	24.9	0.0	ABCN	17	5	0	15	1198	314	28	97	0.1	2.1	123.9	0.7	-0.3	ABCN	11341
11343	2ACSR	50.4	24.9	0.0	ABCN	10	3	0	15	1143	300	27	97	0.0	2.1	123.9	0.3	-0.2	ABCN	11343
11345	2ACSR	51.7	24.9	0.0	ABCN	-0	-0	0	12	956	248	22	97	0.1	2.2	123.8	0.6	-0.6	ABCN	11345
11347	2ACSR	54.3	24.9	0.0	ABCN	74	16	2	12	899	233	21	97	0.2	2.4	123.6	1.0	-1.3	ABCN	11347
11349	2ACSR	55.8	24.9	0.0	ABCN	31	3	1	9	721	191	17	97	0.1	2.5	123.5	0.4	-0.9	ABCN	11349
1058	2ACSR	56.6	24.9	0.0	ABCN	3	1	0	9	690	189	16	96	0.0	2.5	123.5	0.2	-0.5	ABCN	1058
10581	4ACSR	59.5	24.9	0.0	A N	65	18	5	3	65	18	5	96	0.0	2.6	123.4	0.0	-0.5	A N	10581
10582	2ACSR	57.1	24.9	0.0	ABCN	63	18	1	8	622	171	15	96	0.0	2.5	123.5	0.1	-0.3	ABCN	10582
1057	4ACSR	62.3	24.9	0.0	A N	37	10	3	21	421	115	30	96	0.7	3.3	122.7	2.2	0.1	A N	1057
10572	4ACSR	62.7	24.9	0.0	A N	5	1	0	15	296	81	21	96	0.0	3.3	122.7	0.1	-0.0	A N	10572
10573	4ACSR	66.2	24.9	0.0	A N	137	39	10	7	137	38	10	96	0.1	3.4	122.6	0.1	-0.6	A N	10573
10574	4ACSR	67.5	24.9	0.0	A N	114	32	8	6	114	31	8	96	0.1	3.4	122.6	0.1	-0.9	A N	10574
10575	4ACSR	64.9	24.9	0.0	A N	40	11	3	2	40	11	3	97	0.0	3.4	122.6	0.0	-0.4	A N	10575
10571	4ACSR	65.4	24.9	0.0	A N	86	24	6	4	86	24	6	96	0.0	3.3	122.7	0.0	-0.6	A N	10571
1136	4ACSR	61.4	24.9	0.0	A N	85	24	6	7	138	37	10	97	0.1	2.7	123.3	0.1	-0.8	A N	1136
11361	4ACSR	65.6	24.9	0.0	A N	53	15	4	3	53	14	4	97	0.0	2.8	123.2	0.0	-0.8	A N	11361
11348	4ACSR	60.6	24.9	0.0	A N	103	29	7	5	103	28	7	97	0.1	2.6	123.4	0.1	-1.2	A N	11348
11346	4ACSR	54.5	24.9	0.0	A N	57	16	4	3	57	15	4	96	0.0	2.3	123.7	0.0	-0.5	A N	11346
11344	4ACSR	54.5	24.9	0.0	A N	175	49	12	9	175	49	12	96	0.1	2.3	123.7	0.2	-0.7	A N	11344

Frenchburg Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
11342	4ACSR	52.8	24.9	0.0	A N	38	11	3	2	38	10	3	97	0.0	2.2	123.8	0.0	-0.6	A N	11342
1135	336ACSR	53.1	24.9	0.0	ABCN	67	19	2	3	760	199	18	97	0.1	2.1	123.9	0.2	-3.1	ABCN	1135
11351	4ACSR	56.0	24.9	0.0	A N	40	11	3	2	40	11	3	97	0.0	2.2	123.8	0.0	-0.6	A N	11351
11357	336ACSR	54.3	24.9	0.0	ABCN	10	3	0	3	654	173	15	97	0.0	2.1	123.9	0.0	-0.9	ABCN	11357
11352	4ACSR	60.0	24.9	0.0	A N	157	44	11	8	157	43	11	96	0.2	2.3	123.7	0.2	-1.0	A N	11352
11358	336ACSR	55.0	24.9	0.0	ABCN	9	3	0	2	487	128	11	97	0.0	2.1	123.9	0.0	-0.5	ABCN	11358
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 11354																				
	A N : Tap = 3			RAISE																
Regulator			55.0	24.9	0.0	A N				29	411	108	29	97	-2.3	-0.2	126.0	0.0	0.0	A N	Regulator
11354	4ACSR	58.7	24.9	0.0	A N	60	17	4	20	411	108	28	97	0.5	0.3	125.7	1.3	-0.0	A N	11354
11356	4ACSR	64.0	24.9	0.0	A N	55	15	4	14	277	72	19	97	0.4	0.7	125.3	0.8	-0.6	A N	11356
1140	4ACSR	65.8	24.9	0.0	A N	56	16	4	7	134	36	9	97	0.1	0.8	125.2	0.1	-0.3	A N	1140
11402	4ACSR	68.8	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.8	125.2	0.0	-0.6	A N	11402
11401	4ACSR	70.8	24.9	0.0	A N	78	22	5	4	78	21	5	97	0.1	0.9	125.1	0.0	-1.0	A N	11401
1137	4ACSR	67.5	24.9	0.0	A N	33	9	2	4	88	21	6	97	0.1	0.8	125.2	0.0	-0.7	A N	1137
11371	4ACSR	73.4	24.9	0.0	A N	22	6	2	1	22	5	2	97	0.0	0.9	125.1	0.0	-1.2	A N	11371
11372	4ACSR	70.0	24.9	0.0	A N	23	7	2	2	33	8	2	97	0.0	0.8	125.2	0.0	-0.5	A N	11372
11373	4ACSR	73.1	24.9	0.0	A N	4	1	0	0	4	0	0	99	0.0	0.9	125.1	0.0	-0.6	A N	11373
11374	4ACSR	72.9	24.9	0.0	A N	6	2	0	0	6	1	0	98	0.0	0.9	125.1	0.0	-0.6	A N	11374
11355	4ACSR	62.6	24.9	0.0	A N	72	20	5	4	72	20	5	97	0.0	0.3	125.7	0.0	-0.8	A N	11355
11353	4ACSR	62.1	24.9	0.0	A N	67	19	5	3	67	17	5	97	0.1	2.2	123.8	0.0	-1.4	A N	11353
10631	2ACSR	34.0	24.9	0.0	A N	37	10	3	1	37	9	3	97	0.0	0.1	125.9	0.0	-1.0	A N	10631
1062	4ACSR	28.8	24.9	0.0	A N	48	14	3	4	88	22	6	97	0.1	1.6	124.4	0.1	-1.2	A N	1062
10621	4ACSR	36.3	24.9	0.0	A N	40	11	3	2	40	10	3	97	0.1	1.6	124.4	0.0	-1.5	A N	10621
1076	4ACSR	13.7	24.9	0.0	A N	8	2	1	2	49	11	3	98	0.0	0.4	125.6	0.0	-0.5	A N	1076
10761	6ACWC	19.4	24.9	0.0	A N	32	9	2	2	32	8	2	97	0.0	0.4	125.6	0.0	-1.1	A N	10761
10762	4ACSR	19.6	24.9	0.0	A N	9	3	1	0	9	1	1	99	0.0	0.4	125.6	0.0	-1.2	A N	10762

********** Load-Flow Results For Hope Ckt 1 **********

Hope Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					170	6	7	100			126.0			ABCN	Feeder
710	1/0CU	6.1	12.5	0.0	ABCN	106	5	5	2	170	6	7	100	0.1	0.1	125.9	0.1	-1.0	ABCN	710
7101	1/0CU	11.8	12.5	0.0	ABCN	44	2	2	1	64	1	3	100	0.0	0.1	125.9	0.0	-1.0	ABCN	7101
7102	1/0CU	15.1	12.5	0.0	ABCN	20	1	1	0	20	0	1	100	0.0	0.1	125.9	0.0	-0.6	ABCN	7102

********** Load-Flow Results For Hope Ckt 2 **********

Hope Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1687	-26	37	-100			126.0			ABCN	Feeder
717	1/0CU	4.9	24.9	0.0	ABCN	316	-1	7	12	1687	-26	37	-100	0.2	0.2	125.8	2.1	-1.2	ABCN	717
7171	1/0CU	7.9	24.9	0.0	ABCN	84	-0	2	10	1368	-24	30	-100	0.1	0.2	125.8	0.9	-1.2	ABCN	7171
718	1/0CU	12.1	24.9	0.0	ABCN	50	-0	1	9	1283	-22	28	-100	0.1	0.3	125.7	1.1	-1.8	ABCN	718
7181	1/0CU	12.7	24.9	0.0	ABCN	15	-0	0	9	1232	-20	27	-100	0.0	0.4	125.6	0.2	-0.3	ABCN	7181
7182	6ACWC	20.8	24.9	0.0	A N	66	-0	4	3	66	-2	4	-100	0.1	0.5	125.5	0.0	-1.6	A N	7182
7183	1/0CU	13.6	24.9	0.0	ABCN	21	-0	0	8	1150	-18	25	-100	0.0	0.4	125.6	0.2	-0.5	ABCN	7183
722	1/0CU	16.5	24.9	0.0	ABCN	53	-0	1	3	374	-14	8	-100	0.0	0.4	125.6	0.1	-2.0	ABCN	722
7221	1/0CU	21.2	24.9	0.0	ABCN	26	-0	1	2	320	-12	7	-100	0.0	0.4	125.6	0.1	-3.5	ABCN	7221
7282	1/0CU	24.3	24.9	0.0	ABCN	28	-0	1	0	28	-3	1	-100	0.0	0.4	125.6	0.0	-2.4	ABCN	7282
723	6ACWC	27.7	24.9	0.0	A N	41	-0	3	13	266	-6	18	-100	0.4	0.9	125.1	0.9	-0.8	A N	723
7230	6ACWC	35.6	24.9	0.0	A N	65	-0	4	11	224	-5	15	-100	0.4	1.3	124.7	0.6	-1.2	A N	7230
7231	6ACWC	41.7	24.9	0.0	A N	26	-0	2	1	26	-1	2	-100	0.0	1.4	124.6	0.0	-1.2	A N	7231
7232	6ACWC	45.2	24.9	0.0	A N	132	-1	9	6	132	-2	9	-100	0.2	1.5	124.5	0.2	-1.8	A N	7232
721	6ACWC	18.6	24.9	0.0	A N	35	-0	2	36	755	-4	50	-100	1.0	1.4	124.6	5.8	2.5	A N	721
7211	6ACWC	20.9	24.9	0.0	A N	31	-0	2	34	715	-6	48	-100	0.4	1.9	124.1	2.4	1.0	A N	7211
7212	6ACWC	24.5	24.9	0.0	A N	27	-0	2	32	668	-6	45	-100	0.6	2.5	123.5	3.4	1.3	A N	7212
7213	6ACWC	28.0	24.9	0.0	A N	139	-1	9	7	139	-1	9	-100	0.1	2.6	123.4	0.1	-0.6	A N	7213
7214	6ACWC	24.8	24.9	0.0	A N	0	0	0	24	499	-5	34	-100	0.0	2.6	123.4	0.2	0.0	A N	7214
7215	6ACWC	27.6	24.9	0.0	A N	28	-0	2	1	28	-1	2	-100	0.0	2.6	123.4	0.0	-0.5	A N	7215
7216	6ACWC	28.6	24.9	0.0	A N	81	-0	6	23	470	-5	32	-100	0.4	3.0	123.0	1.6	0.2	A N	7216
7217	6ACWC	31.0	24.9	0.0	A N	6	-0	0	19	387	-5	26	-100	0.2	3.3	122.7	0.8	0.0	A N	7217
7218	6ACWC	35.2	24.9	0.0	A N	127	-1	9	6	127	-1	9	-100	0.1	3.3	122.7	0.1	-0.8	A N	7218
7219	6ACWC	31.8	24.9	0.0	A N	0	0	0	12	254	-3	17	-100	0.1	3.3	122.7	0.1	-0.1	A N	7219
1746	6ACWC	36.0	24.9	0.0	A N	165	-1	11	8	166	-2	11	-100	0.1	3.4	122.6	0.1	-0.7	A N	1746
7145	6ACWC	34.4	24.9	0.0	A N	63	-0	4	4	88	-2	6	-100	0.0	3.3	122.7	0.0	-0.5	A N	7145
7143	6ACWC	35.5	24.9	0.0	A N	5	-0	0	0	5	-0	0	-100	0.0	3.3	122.7	0.0	-0.2	A N	7143
7144	6ACWC	37.0	24.9	0.0	A N	21	-0	1	1	21	-1	1	-100	0.0	3.4	122.6	0.0	-0.5	A N	7144
7210	6ACWC	26.2	24.9	0.0	A N	14	-0	1	1	14	-1	1	-100	0.0	1.9	124.1	0.0	-1.1	A N	7210

********** Load-Flow Results For Hope Ckt 3 **********

Hope Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2388	-381	53	-99			126.0			ABCN	Feeder
707	336ACSR	4.9	24.9	0.0	ABCN	91	-1	2	10	2388	-381	53	-99	0.1	0.1	125.9	2.3	0.7	ABCN	707
716	4ACSR	8.7	24.9	0.0	A N	17	-0	1	3	68	-3	4	-100	0.1	0.2	125.8	0.0	-0.8	A N	716
7161	4ACSR	13.5	24.9	0.0	A N	50	-1	3	2	50	-2	3	-100	0.0	0.2	125.8	0.0	-1.0	A N	7161
706	336ACSR	8.6	24.9	0.0	ABCN	17	-0	0	9	2227	-378	50	-99	0.1	0.1	125.9	1.6	0.2	ABCN	706
6722	4ACSR	15.3	24.9	0.0	A N	30	-0	2	21	439	4	29	100	0.8	1.0	125.0	2.8	0.1	A N	6722
672	6ACWC	22.1	24.9	0.0	A N	85	-1	6	18	385	6	26	100	0.6	1.6	124.4	1.8	-0.3	A N	672
659	4ACSR	23.9	24.9	0.0	A N	17	-0	1	11	225	-11	15	-100	0.1	1.7	124.3	0.2	-0.3	A N	659
671	4ACSR	29.1	24.9	0.0	A N	21	-0	1	7	140	-8	9	-100	0.2	1.9	124.1	0.2	-0.9	A N	671
6712	4ACSR	33.0	24.9	0.0	A N	7	-0	0	6	119	-6	8	-100	0.1	2.1	123.9	0.1	-0.7	A N	6712
6713	4ACSR	37.5	24.9	0.0	A N	29	-0	2	5	112	-6	8	-100	0.1	2.2	123.8	0.1	-0.8	A N	6713
658	4ACSR	40.2	24.9	0.0	A N	55	-1	4	4	83	-4	6	-100	0.0	2.2	123.8	0.0	-0.5	A N	658
654	4ACSR	48.1	24.9	0.0	A N	26	-0	2	1	26	-2	2	-100	0.0	2.3	123.7	0.0	-1.6	A N	654
6581	4ACSR	46.9	24.9	0.0	A N	2	-0	0	0	2	-1	0	-84	0.0	2.2	123.8	0.0	-1.3	A N	6581
670	4ACSR	29.3	24.9	0.0	A N	56	-1	4	3	68	-3	5	-100	0.1	1.8	124.2	0.0	-1.1	A N	670
6701	4ACSR	36.2	24.9	0.0	A N	12	-0	1	1	12	-2	1	-99	0.0	1.8	124.2	0.0	-1.4	A N	6701
6681	4ACSR	26.0	24.9	0.0	A N	21	6	1	4	74	18	5	97	0.1	1.7	124.3	0.0	-0.8	A N	6681
668	4ACSR	29.1	24.9	0.0	A N	53	14	4	3	53	14	4	97	0.0	1.7	124.3	0.0	-0.6	A N	668
6721	4ACSR	23.2	24.9	0.0	A N	21	-0	1	1	21	-2	1	-100	0.0	1.0	125.0	0.0	-1.6	A N	6721
709	336ACSR	12.1	24.9	0.0	ABCN	28	-0	1	8	1769	-381	40	-98	0.0	0.2	125.8	1.0	-1.0	ABCN	709
7091	336ACSR	16.5	24.9	0.0	ABCN	54	-1	1	7	1740	-380	39	-98	0.0	0.2	125.8	1.1	-1.3	ABCN	7091
705	336ACSR	19.8	24.9	0.0	ABCN	71	-330	7	7	1684	-378	38	-98	0.0	0.3	125.7	0.8	-1.2	ABCN	705
Capacitor (Wye-Gnd Connected) at Center of Section 705																				
	ABCN :	Nominal =	300 kvar			Actual =	330 kvar													
704	6ACWC	22.6	24.9	0.0	ABCN	15	-0	0	13	793	-28	18	-100	0.2	0.4	125.6	1.2	-1.6	ABCN	704
7041	6ACWC	23.8	24.9	0.0	ABCN	3	-0	0	5	309	-17	7	-100	0.0	0.5	125.5	0.1	-0.8	ABCN	7041
4721	6ACWC	26.0	24.9	0.0	ABCN	-0	-0	0	3	192	-9	4	-100	0.0	0.5	125.5	0.1	-1.5	ABCN	4721
472	6ACWC	30.5	24.9	0.0	ABCN	87	-1	2	3	192	-8	4	-100	0.1	0.6	125.4	0.1	-3.1	ABCN	472
471	4ACSR	36.1	24.9	0.0	A N	45	-1	3	5	105	-4	7	-100	0.1	0.8	125.2	0.1	-1.1	A N	471
4711	4ACSR	42.3	24.9	0.0	A N	60	-1	4	3	60	-2	4	-100	0.1	0.8	125.2	0.0	-1.2	A N	4711
708	6ACWC	29.0	24.9	0.0	ABCN	58	-1	1	2	113	-6	3	-100	0.0	0.5	125.5	0.0	-3.6	ABCN	708
703	4ACSR	36.2	24.9	0.0	A N	55	-1	4	3	55	-2	4	-100	0.1	0.6	125.4	0.0	-1.4	A N	703
473	4ACSR	28.5	24.9	0.0	A N	84	-1	6	22	468	-10	31	-100	0.7	1.2	124.8	2.5	0.1	A N	473
4731	4ACSR	32.7	24.9	0.0	A N	80	-1	5	18	381	-9	25	-100	0.4	1.6	124.4	1.2	-0.2	A N	4731
4732	4ACSR	33.3	24.9	0.0	A N	14	-0	1	14	300	-7	20	-100	0.0	1.7	124.3	0.1	-0.1	A N	4732
4733	4ACSR	33.8	24.9	0.0	A N	0	0	0	8	166	-5	11	-100	0.0	1.7	124.3	0.0	-0.1	A N	4733
474	4ACSR	41.0	24.9	0.0	A N	76	-1	5	4	76	-2	5	-100	0.1	1.8	124.2	0.1	-1.4	A N	474
475	4ACSR	41.4	24.9	0.0	A N	90	-1	6	4	90	-3	6	-100	0.1	1.8	124.2	0.1	-1.5	A N	475
4734	4ACSR	36.5	24.9	0.0	A N	120	-2	8	6	120	-2	8	-100	0.1	1.7	124.3	0.1	-0.6	A N	4734
713	336ACSR	22.7	24.9	0.0	ABCN	46	-1	1	3	820	-18	18	-100	0.0	0.3	125.7	0.2	-2.2	ABCN	713
715	4ACSR	28.6	24.9	0.0	A N	153	-2	10	18	385	-8	26	-100	0.5	0.8	125.2	1.4	-0.5	A N	715
7151	4ACSR	33.9	24.9	0.0	A N	33	-0	2	11	231	-6	15	-100	0.3	1.2	124.8	0.6	-0.8	A N	7151
7153	4ACSR	35.5	24.9	0.0	A N	33	-0	2	4	82	-3	6	-100	0.0	1.2	124.8	0.0	-0.3	A N	7153
7154	4ACSR	39.7	24.9	0.0	A N	41	-1	3	2	41	-1	3	-100	0.0	1.2	124.8	0.0	-0.8	A N	7154
7155	4ACSR	37.0	24.9	0.0	A N	8	-0	1	0	8	-0	1	-100	0.0	1.2	124.8	0.0	-0.3	A N	7155
720	4ACSR	39.4	24.9	0.0	A N	115	-1	8	5	115	-2	8	-100	0.1	1.3	124.7	0.1	-1.1	A N	720
714	4ACSR	29.4	24.9	0.0	A N	153	-2	10	18	388	-8	26	-100	0.6	0.9	125.1	1.6	-0.5	A N	714
7140	4ACSR	33.3	24.9	0.0	A N	80	-1	5	6	121	-3	8	-100	0.1	1.0	125.0	0.1	-0.8	A N	7140
7142	4ACSR	38.2	24.9	0.0	A N	41	-1	3	2	41	-2	3	-100	0.0	1.0	125.0	0.0	-1.0	A N	7142
7141	4ACSR	31.7	24.9	0.0	A N	112	-1	8	5	112	-2	8	-100	0.0	1.0	125.0	0.0	-0.5	A N	7141

********** Load-Flow Results For Hunt Ckt 1 **********

Hunt Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					4705	542	105	99			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	95	18	2	18	4705	542	105	99	0.3	0.3	125.7	9.4	17.8	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	14	3	0	17	4600	506	102	99	0.1	0.4	125.6	2.7	5.0	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	40	8	1	17	4557	494	102	99	0.3	0.7	125.3	8.0	15.0	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	73	14	2	17	4509	472	101	99	0.3	0.9	125.1	7.3	13.4	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	31	6	1	16	4278	418	96	100	0.1	1.0	125.0	3.0	5.4	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	50	10	3	2	51	9	3	98	0.0	1.1	124.9	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	18	3	0	16	4193	397	94	100	0.1	1.1	124.9	2.2	4.0	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	6	1	0	17	1077	189	24	98	0.2	1.3	124.7	1.8	-0.8	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	46	9	1	17	1069	189	24	98	0.2	1.5	124.5	1.3	-0.7	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	5	1	0	5	112	19	8	99	0.1	1.7	124.3	0.1	-0.5	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	64	12	4	3	64	11	4	99	0.1	1.7	124.3	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	42	8	3	2	42	7	3	99	0.0	1.7	124.3	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	10	2	0	15	910	162	21	98	0.2	1.7	124.3	1.1	-0.9	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	-0	-0	0	13	807	144	18	98	0.0	1.7	124.3	0.2	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	140	26	3	4	223	37	5	99	0.0	1.7	124.3	0.1	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	51	10	1	1	82	13	2	99	0.0	1.8	124.2	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	31	6	1	1	31	5	1	99	0.0	1.8	124.2	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	63	12	4	28	584	106	40	98	1.2	2.9	123.1	4.9	1.3	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	37	7	3	2	37	6	3	99	0.0	2.9	123.1	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	51	10	4	7	138	25	9	98	0.1	3.0	123.0	0.1	-0.3	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	87	16	6	4	87	16	6	98	0.1	3.0	123.0	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	191	36	13	17	342	62	24	98	0.5	3.4	122.6	1.0	-0.6	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	87	16	6	4	87	15	6	99	0.1	3.5	122.5	0.1	-1.5	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	62	12	4	3	63	11	4	98	0.0	3.4	122.6	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	92	17	6	5	92	17	6	98	0.0	1.7	124.3	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	8	2	0	12	3096	201	69	100	0.2	1.3	124.7	4.7	5.7	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	142	-296	7	11	2797	147	63	100	0.2	1.5	124.5	3.4	3.1	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
ABCN : Nominal = 300 kvar Actual = 323 kvar																				
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
ABCN : Tap = 1 RAISE																				
Regulator			34.8	24.9	0.0	ABCN				60	2652	440	60	99	-1.0	0.5	125.3	0.0	-0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	6	1	0	9	2256	368	51	99	0.0	0.5	125.5	0.4	0.0	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	40	7	1	6	1505	230	34	99	0.1	0.6	125.4	0.7	-2.0	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	9	2	0	23	1464	225	33	99	0.2	0.8	125.2	2.0	-0.2	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	81	15	2	3	168	25	4	99	0.0	0.8	125.2	0.1	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	41	8	1	1	87	13	2	99	0.0	0.9	125.1	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	2	0	0	0	2	-1	0	-91	0.0	0.9	125.1	0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	44	8	3	2	44	8	3	99	0.0	0.5	125.5	0.0	-0.7	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	54	6	1	21	1285	198	29	99	0.1	0.8	125.2	0.5	-0.1	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	38	7	1	15	1231	192	28	99	0.2	1.0	125.0	1.7	-0.9	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	7	1	0	14	1125	174	25	99	0.1	1.1	124.9	1.0	-0.7	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	-0	-0	0	5	1116	174	25	99	0.0	1.2	124.8	0.1	-0.5	ABCN	2373
2375	336ACSR	50.5	24.9	0.0	ABCN	11	2	0	4	1037	160	23	99	0.1	1.2	124.8	0.4	-2.5	ABCN	2375
2376	2ACSR	52.3	24.9	0.0	ABCN	7	1	0	13	1025	160	23	99	0.1	1.3	124.7	0.9	-0.8	ABCN	2376
231	2ACSR	52.6	24.9	0.0	ABCN	9	2	0	2	145	19	3	99	0.0	1.3	124.7	0.0	-0.3	ABCN	231
2311	4ACSR	60.3	24.9	0.0	A N	97	18	7	5	97	17	7	99	0.1	1.0	125.0	0.1	-1.5	A N	2311
2312	2ACSR	62.6	24.9	0.0	ABCN	40	8	1	0	40	0	1	100	0.0	1.3	124.7	0.0	-7.2	ABCN	2312
241	1/0ACSR	57.0	24.9	0.0	ABCN	143	27	3	9	873	141	20	99	0.2	1.5	124.5	1.0	-2.8	ABCN	241
242	4ACSR	58.6	24.9	0.0	A N	36	7	2	8	158	25	11	99	0.1	1.2	124.8	0.1	-0.3	A N	242
2421	4ACSR	61.4	24.9	0.0	A N	8	2	1	6	122	19	8	99	0.1	1.3	124.7	0.1	-0.5	A N	2421
2422	4ACSR	67.1	24.9	0.0	A N	13	2	1	1	13	1	1	99	0.0	1.3	124.7	0.0	-1.1	A N	2422
2423	4ACSR	67.9	24.9	0.0	A N	34	6	2	5	100	17	7	99	0.2	1.5	124.5	0.1	-1.2	A N	2423
2424	4ACSR	74.1	24.9	0.0	A N	66	12	4	3	66	11	4	99	0.1	1.5	124.5	0.0	-1.2	A N	2424
253	1/0ACSR	59.3	24.9	0.0	ABCN	4	1	0	6	572	91	13	99	0.1	1.6	124.4	0.2	-1.5	ABCN	253
2531	1/0ACSR	60.0	24.9	0.0	ABCN	84	5	2	1	84	4	2	100	0.0	1.6	124.4	0.0	-0.5	ABCN	2531
2532	4ACSR	61.8	24.9	0.0	A N	42	8	3	18	368	67	25	98	0.3	1.4	124.6	0.7	-0.1	A N	2532
254	4ACSR	64.6	24.9	0.0	A N	66	13	5	3	66	12	5	98	0.0	1.5	124.5	0.0	-0.5	A N	254
265	4ACSR	66.1	24.9	0.0	A N	90	17	6	13	259	47	18	98	0.3	1.7	124.3	0.5	-0.6	A N	265
2651	4ACSR	69.0	24.9	0.0	A N	129	24	9	8	168	31	11	98	0.1	1.8	124.2	0.1	-0.5	A N	2651

Hunt Ckt 1 — Section Load — Load Into Section -- 120V Base — Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
276	4ACSR		71.0	24.9	0.0	A N	39	7	3	2	39	7	3	98	0.0	1.9	124.1	0.0	-0.4	A N	276
2761	4ACSR		71.2	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.9	124.1	0.0	-0.0	A N	2761
264	4ACSR		63.9	24.9	0.0	A N	42	8	3	6	118	20	8	99	0.1	1.3	124.7	0.1	-0.9	A N	264
2641	4ACSR		68.8	24.9	0.0	A N	75	14	5	4	75	13	5	98	0.1	1.4	124.6	0.0	-1.0	A N	2641
2374	4ACSR		50.6	24.9	0.0	A N	80	15	5	4	80	14	5	98	0.1	0.8	125.2	0.0	-0.8	A N	2374
2371	4ACSR		49.2	24.9	0.0	A N	67	13	5	3	67	12	5	99	0.1	0.6	125.4	0.0	-1.0	A N	2371
263	4ACSR		42.4	24.9	0.0	A N	130	25	9	36	748	136	50	98	1.5	1.5	124.5	7.5	2.6	A N	263
2631	4ACSR		46.8	24.9	0.0	A N	77	15	5	30	610	109	42	98	0.8	2.3	123.7	3.6	1.0	A N	2631
273	4ACSR		49.3	24.9	0.0	A N	14	3	1	26	529	93	36	98	0.4	2.8	123.2	1.7	0.4	A N	273
3031	4ACSR		51.2	24.9	0.0	A N	3	1	0	18	363	66	25	98	0.2	3.0	123.0	0.6	-0.0	A N	3031
303	4ACSR		52.6	24.9	0.0	A N	32	6	2	18	360	65	25	98	0.2	3.2	122.8	0.4	-0.1	A N	303
3034	4ACSR		55.6	24.9	0.0	A N	27	5	2	12	246	45	17	98	0.2	3.4	122.6	0.4	-0.4	A N	3034
304	4ACSR		57.0	24.9	0.0	A N	50	10	3	2	50	9	3	98	0.0	3.4	122.6	0.0	-0.3	A N	304
3041	4ACSR		61.8	24.9	0.0	A N	168	32	12	8	169	31	12	98	0.2	3.6	122.4	0.2	-1.1	A N	3041
3033	4ACSR		57.4	24.9	0.0	A N	81	15	6	4	81	14	6	98	0.1	3.2	122.8	0.0	-0.9	A N	3033
274	4ACSR		55.4	24.9	0.0	A N	101	19	7	7	150	25	10	99	0.2	3.0	123.0	0.2	-1.1	A N	274
2642	4ACSR		56.0	24.9	0.0	A N	0	0	0	2	49	6	3	99	0.0	3.0	123.0	0.0	-0.1	A N	2642
2643	4ACSR		59.6	24.9	0.0	A N	0	0	0	2	49	7	3	99	0.1	3.0	123.0	0.0	-0.7	A N	2643
2644	4ACSR		63.6	24.9	0.0	A N	25	5	2	1	25	4	2	99	0.0	3.1	122.9	0.0	-0.8	A N	2644
275	4ACSR		65.5	24.9	0.0	A N	23	4	2	1	23	3	2	99	0.0	3.1	122.9	0.0	-1.1	A N	275
251	4ACSR		38.9	24.9	0.0	A N	89	17	6	19	397	72	27	98	0.5	0.5	125.5	1.2	-0.2	A N	251
2511	4ACSR		41.8	24.9	0.0	A N	140	26	9	15	307	56	21	98	0.2	0.7	125.3	0.4	-0.4	A N	2511
247	4ACSR		45.7	24.9	0.0	A N	65	12	4	6	134	24	9	98	0.1	0.9	125.1	0.1	-0.7	A N	247
2471	4ACSR		47.9	24.9	0.0	A N	69	13	5	3	69	13	5	98	0.0	0.9	125.1	0.0	-0.4	A N	2471
250	4ACSR		46.6	24.9	0.0	A N	33	6	2	2	33	5	2	99	0.0	0.8	125.2	0.0	-1.0	A N	250
2712	4ACSR		29.8	24.9	0.0	A N	1	0	0	14	286	47	19	99	0.1	1.5	124.5	0.2	-0.1	A N	2712
271	4ACSR		38.4	24.9	0.0	A N	52	10	4	3	52	8	4	99	0.1	1.6	124.4	0.0	-1.7	A N	271
2711	4ACSR		32.6	24.9	0.0	A N	28	5	2	11	233	39	16	99	0.2	1.7	124.3	0.3	-0.4	A N	2711
2713	336ACSR		35.9	24.9	0.0	A N	0	0	0	3	205	34	14	99	0.0	1.7	124.3	0.1	-0.7	A N	2713
2721	4ACSR		39.8	24.9	0.0	A N	75	14	5	10	205	35	14	99	0.2	1.9	124.1	0.3	-0.6	A N	2721
272	4ACSR		49.1	24.9	0.0	A N	51	10	3	2	51	8	3	99	0.1	2.0	124.0	0.0	-1.8	A N	272
2722	4ACSR		42.5	24.9	0.0	A N	18	3	1	1	18	3	1	99	0.0	1.9	124.1	0.0	-0.5	A N	2722
2723	336ACSR		42.2	24.9	0.0	A N	0	0	0	1	61	10	4	99	0.0	1.9	124.1	0.0	-0.6	A N	2723
3032	4ACSR		45.0	24.9	0.0	A N	61	12	4	3	61	11	4	98	0.0	2.0	124.0	0.0	-0.5	A N	3032
268	4ACSR		23.5	24.9	0.0	A N	42	8	3	7	150	27	10	98	0.2	1.2	124.8	0.2	-1.0	A N	268
26801	4ACSR		27.9	24.9	0.0	A N	108	20	7	5	108	20	7	98	0.1	1.3	124.7	0.1	-0.8	A N	26801
30002	4ACSR		12.7	24.9	0.0	A N	27	5	2	1	27	4	2	99	0.0	0.4	125.6	0.0	-1.0	A N	30002

********** Load-Flow Results For Hunt Ckt 2 **********

Hunt Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					578	101	26	99			126.0			ABCN	Feeder
332	1/0ACSR	6.3	12.5	0.0	ABCN	-0	0	0	11	578	101	26	99	0.6	0.6	125.4	2.7	0.8	ABCN	332
333	1/0ACSR	10.6	12.5	0.0	ABCN	18	3	1	7	344	57	15	99	0.3	0.9	125.1	0.6	-0.3	ABCN	333
320	4ACSR	11.3	12.5	0.0	A N	20	4	3	27	276	52	37	98	0.2	1.2	124.8	0.5	0.2	A N	320
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 320																				
A N : Tap = 1 RAISE																				
Regulator		11.3	12.5	0.0	A N				35	256	48	35	98	-0.8	0.4	125.6	0.0	0.0	A N	Regulator
32000	4ACSR	12.1	12.5	0.0	A N	4	1	1	25	256	48	35	98	0.3	0.6	125.4	0.5	0.2	A N	32000
32001	4ACSR	16.7	12.5	0.0	A N	6	1	1	24	251	47	34	98	1.5	2.1	123.9	2.7	1.2	A N	32001
32002	4ACSR	19.9	12.5	0.0	A N	21	4	3	4	36	6	5	99	0.1	2.2	123.8	0.0	-0.1	A N	32002
32003	4ACSR	25.2	12.5	0.0	A N	9	2	1	1	15	2	2	99	0.1	2.3	123.7	0.0	-0.3	A N	32003
32004	4ACSR	32.6	12.5	0.0	A N	6	1	1	1	6	1	1	99	0.0	2.3	123.7	0.0	-0.4	A N	32004
321	4ACSR	22.6	12.5	0.0	A N	48	9	7	20	206	38	28	98	1.4	3.5	122.5	2.0	0.8	A N	321
310	4ACSR	29.6	12.5	0.0	A N	68	13	9	12	118	22	16	98	0.8	4.3	121.7	0.6	-0.0	A N	310
31000	4ACSR	35.7	12.5	0.0	A N	49	9	7	5	49	9	7	98	0.2	4.5	121.5	0.1	-0.3	A N	31000
31001	4ACSR	28.7	12.5	0.0	A N	39	7	5	4	39	7	5	98	0.2	3.7	122.3	0.0	-0.3	A N	31001
334	1/0ACSR	14.4	12.5	0.0	ABCN	17	3	1	1	49	2	2	100	0.0	0.9	125.1	0.0	-0.7	ABCN	334
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 334																				
ABCN : Tap = 1 RAISE																				
Regulator		14.4	12.5	0.0	ABCN				1	32	-0	1	-100	-0.8	0.1	125.9	0.0	-0.0	ABCN	Regulator
33400	1/0ACSR	15.8	12.5	0.0	ABCN	0	0	0	1	32	-0	1	-100	0.0	0.1	125.9	0.0	-0.3	ABCN	33400
33401	1/0ACSR	17.7	12.5	0.0	ABCN	0	0	0	1	32	-0	1	-100	0.0	0.2	125.8	0.0	-0.4	ABCN	33401
329	1/0ACSR	20.8	12.5	0.0	ABCN	32	1	1	1	32	0	1	100	0.0	0.2	125.8	0.0	-0.6	ABCN	329
317	4ACSR	12.2	12.5	0.0	A N	49	9	7	22	231	43	31	98	1.6	2.2	123.8	2.5	1.0	A N	317
301	4ACSR	13.6	12.5	0.0	A N	45	8	6	18	180	33	25	98	0.3	2.5	123.5	0.3	0.1	A N	301
30100	4ACSR	19.6	12.5	0.0	A N	54	10	8	13	134	25	18	98	0.8	3.4	122.6	0.7	0.1	A N	30100
30101	4ACSR	27.7	12.5	0.0	A N	79	15	11	8	79	14	11	98	0.4	3.8	122.2	0.3	-0.3	A N	30101
316	4ACSR	16.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.2	A N	316

********** Load-Flow Results For Hunt Ckt 3 **********

Hunt Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2828	-142	63	-100			126.0			ABCN	Feeder
72	1/0ACSR	4.4	24.9	0.0	ABCN	22	4	1	27	2828	-142	63	-100	0.5	0.5	125.5	10.8	4.8	ABCN	72
72721	1/0ACSR	9.1	24.9	0.0	ABCN	83	15	2	27	2795	-151	62	-100	0.5	1.0	125.0	11.3	4.9	ABCN	72721
344	4ACSR	17.5	24.9	0.0	A N	5	1	0	0	5	-1	0	-99	0.0	1.0	125.0	0.0	-1.7	A N	344
345	1/0ACSR	14.9	24.9	0.0	ABCN	86	16	2	26	2696	-170	60	-100	0.6	1.5	124.5	13.0	5.4	ABCN	345
355	1/0ACSR	19.3	24.9	0.0	ABCN	9	2	0	25	2584	-192	58	-100	0.4	2.0	124.0	9.3	3.8	ABCN	355
3552	1/0ACSR	20.8	24.9	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	2.0	124.0	0.0	-1.1	ABCN	3552
3551	1/0ACSR	20.7	24.9	0.0	ABCN	11	2	0	25	2566	-196	58	-100	0.1	2.1	123.9	2.9	1.2	ABCN	3551
361	1/0ACSR	27.9	24.9	0.0	ABCN	4	1	0	25	2552	-199	57	-100	0.7	2.8	123.2	15.1	6.1	ABCN	361
3611	1/0ACSR	34.3	24.9	0.0	ABCN	69	13	2	25	2532	-206	57	-100	0.6	3.4	122.6	13.0	5.2	ABCN	3611
374	1/0ACSR	40.5	24.9	0.0	ABCN	111	21	3	22	2185	-267	50	-99	0.5	3.8	122.2	9.4	2.6	ABCN	374
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 374																				
	ABCN : Tap = 5 RAISE																			
Regulator			40.5	24.9	0.0	ABCN				47	2064	-290	47	-99	-3.8	0.0	125.8	-0.0	-0.0	ABCN	Regulator
3741	1/0ACSR	40.8	24.9	0.0	ABCN	0	0	0	20	2064	-290	46	-99	0.0	0.1	125.9	0.5	0.1	ABCN	3741
3742	1/0ACSR	47.4	24.9	0.0	ABCN	119	-636	14	20	2063	-291	46	-99	0.5	0.6	125.4	8.4	1.3	ABCN	3742
Capacitor (Wye-Gnd Connected) at Center of Section 3742																				
	ABCN : Nominal = 600 kvar Actual = 659 kvar																			
376	1/0ACSR	48.6	24.9	0.0	ABCN	6	1	0	18	1827	327	41	98	0.1	0.7	125.3	1.3	0.1	ABCN	376
403	1/0ACSR	52.7	24.9	0.0	ABCN	157	29	4	15	1547	276	35	98	0.3	0.9	125.1	2.9	-0.9	ABCN	403
404	1/0ACSR	56.9	24.9	0.0	ABCN	7	1	0	14	1387	247	31	98	0.3	1.2	124.8	2.6	-1.2	ABCN	404
406	1/0ACSR	61.7	24.9	0.0	ABCN	134	25	3	13	1353	244	31	98	0.3	1.5	124.5	2.6	-1.6	ABCN	406
40600	1/0ACSR	62.3	24.9	0.0	ABCN	54	10	1	11	1148	210	26	98	0.0	1.5	124.5	0.2	-0.3	ABCN	40600
410	4ACSR	65.8	24.9	0.0	A N	206	38	14	28	579	105	40	98	0.5	2.3	123.7	2.0	0.4	A N	410
411	4ACSR	70.4	24.9	0.0	A N	89	17	6	10	197	35	14	98	0.2	2.6	123.4	0.3	-0.8	A N	411
401	6ACWC	76.4	24.9	0.0	A N	108	20	7	5	108	19	7	98	0.1	2.6	123.4	0.1	-1.1	A N	401
4100	4ACSR	67.3	24.9	0.0	A N	173	32	12	9	173	32	12	98	0.0	2.4	123.6	0.1	-0.3	A N	4100
413	4ACSR	68.4	24.9	0.0	A N	129	24	9	25	512	92	35	98	0.9	2.7	123.3	3.1	0.4	A N	413
414	6ACWC	74.3	24.9	0.0	A N	145	27	10	9	176	31	12	98	0.2	2.9	123.1	0.2	-1.0	A N	414
41400	6ACWC	78.5	24.9	0.0	A N	31	6	2	2	31	5	2	99	0.0	2.9	123.1	0.0	-0.8	A N	41400
415	6ACWC	74.9	24.9	0.0	A N	204	38	14	10	204	37	14	98	0.2	2.9	123.1	0.3	-1.1	A N	415
407	6ACWC	66.0	24.9	0.0	A N	62	12	4	3	67	10	5	99	0.0	1.8	124.2	0.0	-0.8	A N	407
40700	6ACWC	71.8	24.9	0.0	A N	5	1	0	0	5	-0	0	-100	0.0	1.8	124.2	0.0	-1.1	A N	40700
405	4ACSR	63.9	24.9	0.0	A N	25	5	2	1	25	3	2	99	0.0	1.5	124.5	0.0	-1.4	A N	405
402	4ACSR	52.6	24.9	0.0	A N	160	30	11	13	271	49	18	98	0.3	1.1	124.9	0.4	-0.6	A N	402
4021	4ACSR	56.7	24.9	0.0	A N	110	20	7	5	110	20	7	98	0.1	1.2	124.8	0.1	-0.8	A N	4021
377	6ACWC	54.1	24.9	0.0	A N	50	9	3	5	110	18	7	99	0.2	0.9	125.1	0.1	-1.3	A N	377
400	4ACSR	61.1	24.9	0.0	A N	60	11	4	3	60	10	4	99	0.1	1.0	125.0	0.0	-1.4	A N	400
358	4ACSR	38.2	24.9	0.0	A N	60	11	4	13	266	43	18	99	0.3	3.8	122.2	0.6	-0.5	A N	358
362	4ACSR	46.3	24.9	0.0	A N	28	5	2	1	28	4	2	99	0.0	3.8	122.2	0.0	-1.6	A N	362
363	4ACSR	44.8	24.9	0.0	A N	119	22	8	9	177	28	12	99	0.3	4.0	122.0	0.3	-1.1	A N	363
356	4ACSR	62.8	24.9	0.0	A N	58	11	4	3	58	7	4	99	0.2	4.2	121.8	0.1	-3.4	A N	356
346	4ACSR	21.0	24.9	0.0	A N	7	1	0	1	12	0	1	100	0.0	1.6	124.4	0.0	-1.2	A N	346
34699	4ACSR	26.4	24.9	0.0	A N	5	1	0	0	5	-0	0	-100	0.0	1.6	124.4	0.0	-1.1	A N	34699

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********** Load-Flow Results For Hunt Ckt 4 **********
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Hunt Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					3392	259	75	100			126.0			ABCN	Feeder
	66	397ACSR	9.0	24.9	0.0	ABCN	34	6	1	13	3392	259	75	100	0.3	0.3	125.7	7.4	10.2	ABCN	66
	6666	397ACSR	10.5	24.9	0.0	ABCN	4	1	0	12	3199	221	71	100	0.1	0.4	125.6	1.1	1.4	ABCN	6666
	63	4ACSR	12.4	24.9	0.0	A N	17	3	1	16	328	58	22	98	0.2	0.6	125.4	0.5	-0.1	A N	63
	63000	4ACSR	19.9	24.9	0.0	A N	149	28	10	15	311	55	21	98	0.6	1.1	124.9	1.1	-0.9	A N	63000
	63001	4ACSR	24.6	24.9	0.0	A N	87	16	6	8	161	28	11	99	0.2	1.3	124.7	0.2	-0.9	A N	63001
	63002	4ACSR	28.9	24.9	0.0	A N	74	14	5	4	74	13	5	99	0.1	1.4	124.6	0.0	-0.8	A N	63002
	65	397ACSR	16.9	24.9	0.0	ABCN	26	5	1	11	2866	161	64	100	0.2	0.6	125.4	3.8	3.6	ABCN	65
	64	397ACSR	21.3	24.9	0.0	ABCN	164	30	4	11	2820	151	63	100	0.1	0.7	125.3	2.4	2.1	ABCN	64
	64000	397ACSR	21.9	24.9	0.0	ABCN	0	0	0	10	2654	118	59	100	0.0	0.7	125.3	0.3	0.2	ABCN	64000
	60	2ACSR	27.4	24.9	0.0	ABCN	100	19	2	29	2318	61	52	100	0.7	1.4	124.6	13.3	2.8	ABCN	60
	60000	2ACSR	29.6	24.9	0.0	ABCN	-0	-0	0	27	2205	40	49	100	0.3	1.7	124.3	5.2	1.0	ABCN	60000
	57	2ACSR	35.8	24.9	0.0	ABCN	48	9	1	27	2200	39	49	100	0.8	2.5	123.5	14.0	2.7	ABCN	57
	57000	2ACSR	40.0	24.9	0.0	ABCN	0	-0	0	27	2138	27	48	100	0.5	3.1	122.9	9.3	1.8	ABCN	57000
	57001	2ACSR	40.7	24.9	0.0	ABCN	-0	-0	0	27	2129	25	48	100	0.1	3.2	122.8	1.7	0.3	ABCN	57001
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 57001																				
	ABCN : Tap = 5 RAISE																				
H	Regulator			40.7	24.9	0.0	ABCN				48	2127	25	48	100	-3.8	-0.6	126.4	0.0	-0.0	ABCN	Regulator
	55	2ACSR	49.0	24.9	0.0	ABCN	23	-327	7	26	2127	26	47	100	1.1	0.4	125.6	17.5	2.7	ABCN	55
	Capacitor (Wye-Gnd Connected) at Center of Section 55																				
	ABCN : Nominal = 300 kvar Actual = 331 kvar																				
	40	1/0ACSR	50.6	24.9	0.0	ABCN	0	0	0	4	391	61	9	99	0.0	0.5	125.5	0.1	-1.2	ABCN	40
	40000	1/0ACSR	53.6	24.9	0.0	ABCN	6	1	0	4	391	63	9	99	0.1	0.5	125.5	0.1	-2.2	ABCN	40000
	40001	4ACSR	58.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-86	0.0	0.6	125.4	0.0	-1.0	A N	40001
	40002	1/0ACSR	54.3	24.9	0.0	ABCN	68	13	2	4	384	64	9	99	0.0	0.5	125.5	0.0	-0.5	ABCN	40002
	40003	1/0ACSR	61.4	24.9	0.0	ABCN	0	0	0	3	316	52	7	99	0.1	0.6	125.4	0.2	-5.3	ABCN	40003
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 40003																				
	Transformer			61.4	12.4	0.0	ABCN				32	316	58	7	98	0.0	0.6	125.4	0.0	0.0	ABCN	Transformer
	34	4ACSR	68.1	12.4	0.0	A N	22	4	3	18	181	33	25	98	1.5	2.2	123.8	1.9	0.7	A N	34
	34000	4ACSR	73.3	12.4	0.0	A N	31	6	4	15	157	29	22	98	1.0	3.2	122.8	1.1	0.3	A N	34000
	32	4ACSR	82.2	12.4	0.0	A N	89	16	12	9	89	16	12	98	0.5	3.7	122.3	0.4	-0.2	A N	32
	33	4ACSR	79.4	12.4	0.0	A N	36	7	5	4	36	6	5	98	0.1	3.3	122.7	0.0	-0.3	A N	33
	35	4ACSR	65.9	12.4	0.0	A N	29	5	4	13	135	24	18	98	0.7	1.4	124.6	0.6	0.1	A N	35
	36	1/0ACSR	67.4	12.4	0.0	A N	17	3	2	4	74	13	10	98	0.1	1.5	124.5	0.0	-0.1	A N	36
	36000	4ACSR	72.9	12.4	0.0	A N	57	10	8	6	57	10	8	98	0.2	1.7	124.3	0.1	-0.2	A N	36000
	37	4ACSR	71.9	12.4	0.0	A N	19	4	3	3	31	5	4	99	0.2	1.6	124.4	0.0	-0.3	A N	37
	37000	4ACSR	79.4	12.4	0.0	A N	12	2	2	1	12	2	2	99	0.1	1.7	124.3	0.0	-0.4	A N	37000
	41	1/0ACSR	56.7	24.9	0.0	ABCN	131	24	3	17	1695	289	38	99	0.6	1.0	125.0	6.6	-0.8	ABCN	41
	42	4ACSR	61.3	24.9	0.0	A N	59	11	4	3	59	10	4	99	0.0	1.2	124.8	0.0	-0.9	A N	42
	43	1/0ACSR	59.4	24.9	0.0	ABCN	36	7	1	15	1499	256	34	99	0.2	1.2	124.8	2.0	-0.6	ABCN	43
	44	4ACSR	61.4	24.9	0.0	A N	2	0	0	11	226	40	15	98	0.1	1.5	124.5	0.2	-0.3	A N	44
	44000	4ACSR	71.3	24.9	0.0	A N	223	41	15	11	224	40	15	98	0.4	1.9	124.1	0.6	-1.7	A N	44000
	45	1/0ACSR	61.2	24.9	0.0	ABCN	20	4	0	12	1235	210	28	99	0.1	1.3	124.7	0.8	-0.7	ABCN	45
	46	1/0ACSR	61.7	24.9	0.0	ABCN	19	4	0	4	453	76	10	99	0.0	1.3	124.7	0.0	-0.4	ABCN	46
	46000	1/0ACSR	68.4	24.9	0.0	ABCN	161	30	4	4	434	72	10	99	0.1	1.4	124.6	0.4	-4.8	ABCN	46000
	50	4ACSR	71.8	24.9	0.0	A N	30	6	2	1	30	5	2	99	0.0	1.7	124.3	0.0	-0.7	A N	50
	38	6ACWC	72.1	24.9	0.0	A N	99	18	7	12	242	42	16	99	0.2	1.8	124.2	0.3	-0.5	A N	38
	38000	6ACWC	78.9	24.9	0.0	A N	85	16	6	7	143	24	10	99	0.2	2.1	123.9	0.2	-1.2	A N	38000
	38001	6ACWC	84.3	24.9	0.0	A N	57	11	4	3	57	10	4	99	0.0	2.1	123.9	0.0	-1.0	A N	38001
	45000	1/0ACSR	67.1	24.9	0.0	ABCN	103	19	2	7	761	131	17	99	0.2	1.4	124.6	1.0	-3.7	ABCN	45000
	45001	4ACSR	68.1	24.9	0.0	A N	0	0	0	9	182	29	12	99	0.1	1.7	124.3	0.1	-0.2	A N	45001
	53	4ACSR	77.5	24.9	0.0	A N	121	22	8	6	121	21	8	99	0.2	1.9	124.1	0.2	-1.8	A N	53
	54	4ACSR	72.1	24.9	0.0	A N	52	10	4	3	60	9	4	99	0.0	1.8	124.2	0.0	-0.8	A N	54
	54002	4ACSR	74.1	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.4	A N	54002
	54003	4ACSR	79.0	24.9	0.0	A N	8	2	1	0	8	0	1	100	0.0	1.8	124.2	0.0	-1.4	A N	54003
	52	4ACSR	76.3	24.9	0.0	A N	261	48	18	23	474	85	32	98	1.0	2.7	123.3	3.1	-0.2	A N	52
	51	4ACSR	82.6	24.9	0.0	A N	97	18	7	5	97	17	7	99	0.1	2.8	123.2	0.1	-1.2	A N	51
	52000	4ACSR	76.7	24.9	0.0	A N	22	4	1	6	113	20	8	98	0.0	2.7	123.3	0.0	-0.1	A N	52000
	52001	4ACSR	80.2	24.9	0.0	A N	91	17	6	4	91	16	6	98	0.1	2.8	123.2	0.0	-0.7	A N	52001
	52002	4ACSR	77.1	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.7	123.3	0.0	-0.1	A N	52002
H	56	4ACSR	47.4	24.9	0.0	A N	0	0	0	0	0	-1	0	-15	-0.0	-0.5	126.5	0.0	-1.4	A N	56

Hunt Ckt 4

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6000	397ACSR	24.1	24.9	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.7	125.3	0.0	-1.9	ABCN	6000
61	4ACSR	27.9	24.9	0.0	A N	7	1	0	16	335	59	23	98	0.6	1.4	124.6	1.6	-0.4	A N	61
61000	4ACSR	31.6	24.9	0.0	A N	98	18	7	16	326	58	22	98	0.3	1.7	124.3	0.7	-0.4	A N	61000
61001	4ACSR	35.3	24.9	0.0	A N	89	17	6	4	89	16	6	98	0.1	1.8	124.2	0.0	-0.7	A N	61001
61002	4ACSR	38.2	24.9	0.0	A N	138	25	9	7	138	24	9	98	0.1	1.9	124.1	0.2	-1.2	A N	61002
70	6ACWC	24.4	24.9	0.0	A N	17	3	1	1	17	2	1	100	0.0	0.6	125.4	0.0	-1.5	A N	70
71	4ACSR	10.8	24.9	0.0	A N	8	1	1	7	152	22	10	99	0.1	0.4	125.6	0.1	-0.3	A N	71
71099	4ACSR	18.8	24.9	0.0	A N	97	18	7	6	131	21	9	99	0.2	0.6	125.4	0.2	-1.5	A N	71099
71098	4ACSR	26.1	24.9	0.0	A N	33	6	2	2	33	5	2	99	0.0	0.7	125.3	0.0	-1.5	A N	71098
77	6ACWC	18.5	24.9	0.0	A N	13	2	1	1	13	-1	1	-100	0.0	0.4	125.6	0.0	-1.6	A N	77
77000	4ACSR	25.7	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.4	125.6	0.0	-1.5	A N	77000

********** Load-Flow Results For Jeffersonville Ckt 1 **********

Jeffersonville Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				24.9	0.0	ABCN					3421	268	76	100			126.0			ABCN	Feeder
536	336ACSR		1.8	24.9	0.0	ABCN	41	7	1	14	3421	268	76	100	0.1	0.1	125.9	1.7	2.1	ABCN	536
5362	336ACSR		4.8	24.9	0.0	ABCN	68	12	2	14	3232	233	72	100	0.1	0.2	125.8	2.7	3.0	ABCN	5362
5363	336ACSR		8.1	24.9	0.0	ABCN	17	3	0	12	2874	167	64	100	0.1	0.3	125.7	2.3	2.0	ABCN	5363
5364	336ACSR		9.4	24.9	0.0	ABCN	14	3	0	11	2652	130	59	100	0.0	0.3	125.7	0.7	0.5	ABCN	5364
5365	336ACSR		10.7	24.9	0.0	ABCN	47	9	1	11	2637	127	58	100	0.0	0.4	125.6	0.8	0.5	ABCN	5365
5366	336ACSR		12.5	24.9	0.0	ABCN	-0	-329	7	10	2478	98	55	100	0.1	0.4	125.6	0.9	0.5	ABCN	5366
Capacitor (Wye-Gnd Connected) at Center of Section 5366																					
		ABCN : Nominal = 300 kvar					Actual = 329 kvar														
5368	1/0ACSR		12.9	24.9	0.0	ABCN	0	-0	0	21	2151	369	48	99	0.0	0.5	125.5	0.5	0.1	ABCN	5368
5367	1/0ACSR		14.3	24.9	0.0	ABCN	22	4	1	20	2060	353	46	99	0.1	0.6	125.4	1.9	0.4	ABCN	5367
533	1/0ACSR		19.1	24.9	0.0	ABCN	15	3	0	19	1905	326	43	99	0.4	1.0	125.0	5.7	0.6	ABCN	533
5331	1/0ACSR		19.4	24.9	0.0	ABCN	10	2	0	13	1363	230	31	99	0.0	1.0	125.0	0.2	-0.1	ABCN	5331
530	1/0ACSR		22.3	24.9	0.0	ABCN	14	2	0	11	1135	191	26	99	0.1	1.2	124.8	1.2	-1.3	ABCN	530
5301	4ACSR		27.0	24.9	0.0	A N	77	14	5	4	77	13	5	99	0.1	1.3	124.7	0.0	-0.9	A N	5301
5302	1/0ACSR		25.1	24.9	0.0	ABCN	59	11	1	10	1042	177	24	99	0.1	1.3	124.7	0.9	-1.4	ABCN	5302
526	1/0ACSR		30.4	24.9	0.0	ABCN	128	23	3	7	755	128	17	99	0.2	1.5	124.5	0.9	-3.3	ABCN	526
5230	1/0ACSR		32.2	24.9	0.0	ABCN	122	20	3	1	122	19	3	99	0.0	1.5	124.5	0.0	-1.3	ABCN	5230
524	4ACSR		34.5	24.9	0.0	A N	101	18	7	24	503	88	34	98	0.6	2.1	123.9	2.1	0.3	A N	524
5240	4ACSR		39.3	24.9	0.0	A N	136	25	9	20	400	70	27	99	0.5	2.7	123.3	1.4	-0.2	A N	5240
544	4ACSR		43.4	24.9	0.0	A N	148	27	10	13	263	45	18	99	0.3	2.9	123.1	0.4	-0.6	A N	544
5440	4ACSR		50.7	24.9	0.0	A N	102	19	7	5	102	17	7	99	0.1	3.0	123.0	0.1	-1.4	A N	5440
5441	4ACSR		44.9	24.9	0.0	A N	11	2	1	1	11	2	1	99	0.0	2.9	123.1	0.0	-0.3	A N	5441
5272	4ACSR		25.9	24.9	0.0	A N	133	24	9	11	228	40	15	99	0.0	1.4	124.6	0.1	-0.1	A N	5272
527	4ACSR		28.9	24.9	0.0	A N	55	10	4	3	55	9	4	99	0.0	1.4	124.6	0.0	-0.6	A N	527
5271	4ACSR		29.8	24.9	0.0	A N	40	7	3	2	40	6	3	99	0.0	1.4	124.6	0.0	-0.8	A N	5271
531	6ACWC		23.7	24.9	0.0	A N	15	3	1	11	218	37	15	99	0.3	1.3	124.7	0.4	-0.6	A N	531
5311	6ACWC		28.2	24.9	0.0	A N	114	21	8	6	114	20	8	99	0.1	1.4	124.6	0.1	-0.9	A N	5311
9531	6ACWC		26.5	24.9	0.0	A N	89	16	6	4	89	16	6	99	0.0	1.4	124.6	0.0	-0.5	A N	9531
532	336ACSR		23.9	24.9	0.0	A N	187	34	13	7	522	92	35	98	0.1	1.2	124.8	0.4	-0.3	A N	532
5321	336ACSR		29.2	24.9	0.0	A N	94	17	6	4	334	58	23	99	0.1	1.3	124.7	0.2	-0.9	A N	5321
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 546																					
Transformer				29.2	12.4	0.0	A N				71	231	42	16	98	0.0	1.3	124.7	0.0	0.0	A N	Transformer
546	4ACSR		30.8	12.4	0.0	A N	18	3	2	22	231	42	31	98	0.5	1.7	124.3	0.8	0.3	A N	546
5461	4ACSR		38.0	12.4	0.0	A N	60	11	8	6	60	11	8	98	0.3	2.0	124.0	0.1	-0.3	A N	5461
547	4ACSR		41.7	12.4	0.0	A N	151	27	21	15	153	28	21	98	1.1	2.8	123.2	1.3	0.1	A N	547
548	4ACSR		35.5	24.9	0.0	A N	8	2	1	0	8	0	1	100	0.0	1.3	124.7	0.0	-1.3	A N	548
535	4ACSR		19.0	24.9	0.0	A N	131	24	9	6	131	23	9	99	0.1	0.7	125.3	0.1	-0.9	A N	535
5369	1/0ACSR		15.9	24.9	0.0	A N	90	16	6	3	90	16	6	99	0.0	0.5	125.5	0.0	-0.6	A N	5369
9534	4ACSR		16.6	24.9	0.0	A N	107	19	7	16	326	58	22	98	0.4	0.8	125.2	0.8	-0.4	A N	9534
534	6ACWC		21.6	24.9	0.0	A N	218	40	15	11	219	39	15	98	0.2	1.0	125.0	0.3	-0.8	A N	534
53651	4ACSR		13.4	24.9	0.0	A N	110	20	7	5	110	19	7	98	0.0	0.4	125.6	0.0	-0.5	A N	53651
734	4ACSR		15.3	24.9	0.0	A N	75	14	5	10	203	32	14	99	0.4	0.7	125.3	0.5	-1.2	A N	734
7341	4ACSR		19.4	24.9	0.0	A N	9	2	1	1	11	1	1	100	0.0	0.7	125.3	0.0	-0.8	A N	7341
545	6ACWC		21.3	24.9	0.0	A N	2	0	0	0	2	-0	0	-100	0.0	0.7	125.3	0.0	-0.4	A N	545
735	4ACSR		21.1	24.9	0.0	A N	93	17	6	6	116	19	8	99	0.1	0.8	125.2	0.1	-1.1	A N	735
7351	4ACSR		27.7	24.9	0.0	A N	24	4	2	1	24	3	2	99	0.0	0.8	125.2	0.0	-1.3	A N	7351
725	6ACWC		8.0	24.9	0.0	A N	50	9	3	14	287	51	19	98	0.2	0.5	125.5	0.5	-0.4	A N	725
7251	6ACWC		11.8	24.9	0.0	A N	203	37	14	10	203	36	14	98	0.1	0.6	125.4	0.2	-0.6	A N	7251
7252	6ACWC		10.0	24.9	0.0	A N	33	6	2	2	33	6	2	99	0.0	0.5	125.5	0.0	-0.4	A N	7252
5361	4ACSR		7.1	24.9	0.0	A N	147	27	10	7	147	26	10	99	0.1	0.2	125.8	0.1	-1.0	A N	5361

********** Load-Flow Results For Jeffersonville Ckt 2 **********

Jeffersonville Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			24.9	0.0	ABCN					1734	-64	38	-100			126.0			ABCN Feeder
726	336ACSR	1.6	24.9	0.0	ABCN	73	14	2	7	1734	-64	38	-100	0.0	0.0	126.0	0.4	-0.6	ABCN 726
7261	336ACSR	8.5	24.9	0.0	ABCN	10	2	0	7	1661	-78	37	-100	0.1	0.1	125.9	1.6	-2.5	ABCN 7261
727	336ACSR	10.9	24.9	0.0	ABCN	0	0	0	6	1553	-90	34	-100	0.0	0.2	125.8	0.5	-1.0	ABCN 727
7302	336ACSR	12.1	24.9	0.0	ABCN	56	11	1	6	1552	-89	34	-100	0.0	0.2	125.8	0.2	-0.5	ABCN 7302
7301	336ACSR	13.9	24.9	0.0	ABCN	42	7	1	6	1496	-99	33	-100	0.0	0.2	125.8	0.3	-0.9	ABCN 7301
730	336ACSR	15.4	24.9	0.0	ABCN	10	-328	7	6	1453	-105	32	-100	0.0	0.2	125.8	0.3	-0.7	ABCN 730
Capacitor (Wye-Gnd Connected) at Center of Section 730																			
ABCN : Nominal = 300 kvar Actual = 330 kvar																			
728	1/0CU	16.7	24.9	0.0	ABCN	59	4	1	2	283	46	6	99	0.0	0.2	125.8	0.0	-0.9	ABCN 728
7281	6ACWC	20.8	24.9	0.0	A N	224	43	15	11	225	42	15	98	0.1	0.4	125.6	0.2	-0.7	A N 7281
731	2ACSR	16.9	24.9	0.0	ABCN	22	4	1	8	678	96	15	99	0.1	0.3	125.7	0.3	-0.9	ABCN 731
7311	2ACSR	20.4	24.9	0.0	ABCN	38	7	1	8	655	92	15	99	0.1	0.4	125.6	0.7	-2.2	ABCN 7311
732	2ACSR	26.3	24.9	0.0	ABCN	408	56	9	7	561	80	13	99	0.1	0.6	125.4	1.1	-3.6	ABCN 732
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 732																			
Transformer			26.3	12.4	0.0	ABCN				15	152	28	3	98	0.0	0.6	125.4	0.0	0.0	ABCN Transformer
7321	2ACSR	30.2	12.4	0.0	ABCN	36	7	2	3	112	20	5	98	0.1	0.7	125.3	0.1	-0.7	ABCN 7321
724	4ACSR	37.2	12.4	0.0	A N	53	10	7	7	76	14	10	98	0.4	1.4	124.6	0.2	-0.2	A N 724
7241	4ACSR	45.1	12.4	0.0	A N	22	4	3	2	22	4	3	99	0.1	1.5	124.5	0.0	-0.4	A N 7241
7320	6ACWC	30.3	12.4	0.0	A N	40	8	5	4	40	8	5	98	0.1	0.9	125.1	0.0	-0.2	A N 7320
743	6ACWC	29.2	24.9	0.0	A N	36	7	2	3	55	7	4	99	0.1	0.6	125.4	0.0	-1.8	A N 743
7431	6ACWC	36.5	24.9	0.0	A N	19	4	1	1	19	2	1	99	0.0	0.6	125.4	0.0	-1.5	A N 7431
744	1/0CU	18.8	24.9	0.0	ABCN	0	0	0	3	481	81	11	99	0.0	0.3	125.7	0.1	-2.4	ABCN 744
7441	1/0CU	24.1	24.9	0.0	ABCN	26	5	1	3	447	78	10	99	0.1	0.3	125.7	0.2	-3.8	ABCN 7441
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 7441																			
Transformer			24.1	12.4	0.0	ABCN				43	421	77	9	98	0.0	0.3	125.7	0.0	0.0	ABCN Transformer
737	1/0CU	30.3	12.4	0.0	ABCN	16	3	1	2	134	21	6	99	0.1	0.4	125.6	0.1	-1.1	ABCN 737
7371	1/0CU	35.8	12.4	0.0	ABCN	10	2	0	2	118	19	5	99	0.1	0.5	125.5	0.0	-1.0	ABCN 7371
7372	1/0CU	43.1	12.4	0.0	ABCN	15	3	1	2	109	18	5	99	0.1	0.6	125.4	0.1	-1.3	ABCN 7372
7373	6ACWC	49.7	12.4	0.0	A N	32	6	4	3	32	6	4	98	0.1	0.7	125.3	0.0	-0.3	A N 7373
7374	1/0CU	47.3	12.4	0.0	ABCN	16	3	1	1	62	10	3	99	0.0	0.6	125.4	0.0	-0.8	ABCN 7374
7375	6ACWC	50.0	12.4	0.0	A N	27	5	4	3	27	5	4	98	0.0	0.7	125.3	0.0	-0.1	A N 7375
7376	1/0CU	50.4	12.4	0.0	ABCN	18	4	1	0	18	3	1	99	0.0	0.6	125.4	0.0	-0.6	ABCN 7376
740	6ACWC	31.1	12.4	0.0	A N	81	16	11	28	287	56	39	98	2.1	2.4	123.6	3.9	2.0	A N 740
7401	6ACWC	36.2	12.4	0.0	A N	50	10	7	20	202	38	28	98	1.1	3.5	122.5	1.5	0.7	A N 7401
741	6ACWC	41.4	12.4	0.0	A N	40	8	6	4	40	7	6	98	0.1	3.7	122.3	0.0	-0.2	A N 741
742	6ACWC	40.2	12.4	0.0	A N	45	9	6	11	111	21	15	98	0.4	4.0	122.0	0.3	-0.0	A N 742
7421	6ACWC	51.0	12.4	0.0	A N	65	12	9	6	65	12	9	98	0.4	4.4	121.6	0.2	-0.4	A N 7421
7442	4ACSR	22.2	24.9	0.0	A N	34	6	2	2	34	6	2	99	0.0	0.3	125.7	0.0	-0.7	A N 7442
736	4ACSR	15.5	24.9	0.0	A N	11	2	1	5	96	12	6	99	0.2	0.3	125.7	0.1	-1.4	A N 736
7361	4ACSR	18.4	24.9	0.0	A N	23	4	2	4	85	12	6	99	0.1	0.4	125.6	0.0	-0.6	A N 7361
7362	4ACSR	28.0	24.9	0.0	A N	4	1	0	2	48	6	3	99	0.1	0.6	125.4	0.0	-1.9	A N 7362
7363	4ACSR	34.6	24.9	0.0	A N	45	9	3	2	45	7	3	99	0.0	0.6	125.4	0.0	-1.3	A N 7363
73612	4ACSR	22.5	24.9	0.0	A N	14	3	1	1	14	2	1	99	0.0	0.4	125.6	0.0	-0.8	A N 73612

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********** Load-Flow Results For Mariba Ckt 1 **********
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Mariba Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					808	24	36	100			126.0			ABCN	Feeder
1105	1/0ACSR	3.3	12.5	0.0	ABCN	25	8	1	15	808	24	36	100	0.4	0.4	125.6	2.6	1.3	ABCN	1105
1106	1/0ACSR	8.2	12.5	0.0	ABCN	365	-122	17	15	780	15	34	100	0.5	0.9	125.1	3.5	2.1	ABCN	1106
Capacitor (Wye-Gnd Connected) at Center of Section 1106																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
11063	1/0ACSR	11.9	12.5	0.0	ABCN	154	50	7	6	282	92	13	95	0.1	1.1	124.9	0.4	-0.3	ABCN	11063
11064	4ACSR	13.6	12.5	0.0	A N	103	33	14	10	103	33	14	95	0.1	1.8	124.2	0.1	-0.0	A N	11064
11065	1/0ACSR	12.9	12.5	0.0	ABCN	24	8	1	0	24	8	1	95	0.0	1.1	124.9	0.0	-0.2	ABCN	11065
11061	2ACSR	11.2	12.5	0.0	A N	121	40	17	10	129	42	18	95	0.2	1.6	124.4	0.2	-0.0	A N	11061
11062	2ACSR	15.5	12.5	0.0	A N	8	2	1	1	8	2	1	96	0.0	1.6	124.4	0.0	-0.2	A N	11062

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********** Load-Flow Results For Mariba Ckt 2 **********
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Mariba Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1697	252	38	99			126.0			ABCN	Feeder
1122	1/0ACSR	6.3	24.9	0.0	ABCN	88	-140	4	16	1697	252	38	99	0.5	0.5	125.5	5.6	-0.6	ABCN	1122
Capacitor (Wye-Gnd Connected) at Center of Section 1122																				
	ABCN : Nominal = 150 kvar						Actual = 165 kvar													
1124	1/0ACSR	9.5	24.9	0.0	ABCN	40	11	1	15	1537	376	35	97	0.2	0.7	125.3	2.5	-0.6	ABCN	1124
11241	336ACSR	14.7	24.9	0.0	ABCN	107	30	2	6	1495	365	34	97	0.1	0.8	125.2	1.0	-2.4	ABCN	11241
1127	4ACSR	16.8	24.9	0.0	A N	82	7	5	23	465	103	32	98	0.3	1.2	124.8	0.9	0.1	A N	1127
1125	4ACSR	20.0	24.9	0.0	A N	39	11	3	15	299	75	21	97	0.3	1.5	124.5	0.6	-0.3	A N	1125
1101	4ACSR	27.4	24.9	0.0	A N	78	22	5	12	238	61	16	97	0.5	2.0	124.0	0.8	-1.1	A N	1101
11011	6ACWC	35.2	24.9	0.0	A N	34	10	2	2	34	8	2	97	0.0	2.0	124.0	0.0	-1.5	A N	11011
11012	6ACWC	31.3	24.9	0.0	A N	73	21	5	6	125	32	9	97	0.1	2.1	123.9	0.1	-0.7	A N	11012
11013	6ACWC	38.2	24.9	0.0	A N	40	11	3	3	52	12	4	97	0.1	2.1	123.9	0.0	-1.3	A N	11013
1100	6ACWC	44.0	24.9	0.0	A N	12	3	1	1	12	2	1	98	0.0	2.2	123.8	0.0	-1.1	A N	1100
1128	4ACSR	27.4	24.9	0.0	A N	21	6	1	1	22	4	1	99	0.0	1.5	124.5	0.0	-1.5	A N	1128
11281	4ACSR	32.6	24.9	0.0	A N	0	0	0	0	0	-1	0	-7	-0.0	1.5	124.5	0.0	-1.0	A N	11281
1126	4ACSR	22.0	24.9	0.0	A N	34	9	2	4	83	21	6	97	0.1	1.3	124.7	0.1	-1.0	A N	1126
11261	4ACSR	30.1	24.9	0.0	A N	49	14	3	2	49	12	3	97	0.1	1.3	124.7	0.0	-1.6	A N	11261
1130	336ACSR	22.0	24.9	0.0	ABCN	181	47	4	4	922	234	21	97	0.1	0.9	125.1	0.5	-5.1	ABCN	1130
11302	6ACWC	24.9	24.9	0.0	A N	48	11	3	31	623	159	43	97	0.5	1.6	124.4	2.4	0.9	A N	11302
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 11302																				
	A N : Tap = 1			RAISE																
Regulator			24.9	24.9	0.0	A N				40	573	148	40	97	-0.8	0.8	125.0	0.0	0.0	A N	Regulator
1145	6ACWC	32.6	24.9	0.0	A N	73	21	5	26	530	137	37	97	1.2	2.0	124.0	4.4	1.1	A N	1145
11456	6ACWC	37.8	24.9	0.0	A N	94	27	7	19	389	99	27	97	0.6	2.5	123.5	1.4	-0.1	A N	11456
11457	6ACWC	38.7	24.9	0.0	A N	0	0	0	10	195	50	14	97	0.1	2.6	123.4	0.1	-0.1	A N	11457
11450	4ACSR	39.6	24.9	0.0	A N	6	2	0	0	6	1	0	97	0.0	2.6	123.4	0.0	-0.2	A N	11450
1141	4ACSR	42.7	24.9	0.0	A N	78	22	6	9	190	48	13	97	0.2	2.8	123.2	0.3	-0.7	A N	1141
11411	6ACWC	48.9	24.9	0.0	A N	56	16	4	3	56	15	4	97	0.1	2.8	123.2	0.0	-1.2	A N	11411
11412	4ACSR	46.1	24.9	0.0	A N	21	6	1	3	55	12	4	98	0.1	2.8	123.2	0.0	-0.6	A N	11412
11413	6ACWC	49.6	24.9	0.0	A N	7	2	0	0	7	1	0	98	0.0	2.8	123.2	0.0	-0.7	A N	11413
11414	6ACWC	50.0	24.9	0.0	A N	16	5	1	1	28	6	2	98	0.0	2.9	123.1	0.0	-0.8	A N	11414
11415	6ACWC	55.5	24.9	0.0	A N	12	3	1	1	12	2	1	98	0.0	2.9	123.1	0.0	-1.1	A N	11415
1142	6ACWC	42.4	24.9	0.0	A N	31	9	2	5	98	23	7	97	0.1	2.6	123.4	0.1	-0.9	A N	1142
1143	4ACSR	47.3	24.9	0.0	A N	16	4	1	1	16	4	1	98	0.0	2.7	123.3	0.0	-0.9	A N	1143
1144	6ACWC	45.2	24.9	0.0	A N	20	6	1	3	51	12	4	98	0.0	2.7	123.3	0.0	-0.5	A N	1144
11441	6ACWC	47.0	24.9	0.0	A N	0	0	0	2	31	7	2	97	0.0	2.7	123.3	0.0	-0.3	A N	11441
11442	6ACWC	52.9	24.9	0.0	A N	31	9	2	2	31	8	2	97	0.0	2.7	123.3	0.0	-1.1	A N	11442
11443	2ACSR	48.9	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.7	123.3	0.0	-0.8	A N	11443
11451	2ACSR	39.5	24.9	0.0	A N	64	18	4	2	64	17	4	97	0.1	2.0	124.0	0.0	-1.4	A N	11451
1146	4ACSR	31.9	24.9	0.0	A N	42	12	3	2	42	11	3	97	0.0	0.8	125.2	0.0	-1.4	A N	1146
11301	4ACSR	28.5	24.9	0.0	A N	117	33	8	6	117	32	8	97	0.1	1.1	124.9	0.1	-1.2	A N	11301
1123	4ACSR	13.3	24.9	0.0	A N	66	19	5	3	66	17	5	97	0.1	0.6	125.4	0.0	-1.4	A N	1123

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********** Load-Flow Results For Mariba Ckt 3 **********
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Mariba Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1542	-44	68	-100			126.0			ABCN	Feeder
1120	336ACSR	1.9	12.5	0.0	ABCN	26	8	1	13	1542	-44	68	-100	0.1	0.1	125.9	1.5	2.8	ABCN	1120
11201	336ACSR	3.0	12.5	0.0	ABCN	11	3	1	13	1515	-55	67	-100	0.1	0.2	125.8	0.8	1.5	ABCN	11201
1117	4ACSR	8.1	12.5	0.0	ABCN	72	23	3	46	1462	-73	65	-100	2.6	2.7	123.3	29.8	9.0	ABCN	1117
11171	4ACSR	11.5	12.5	0.0	A N	22	7	3	2	22	7	3	95	0.1	3.0	123.0	0.0	-0.2	A N	11171
11172	4ACSR	8.5	12.5	0.0	ABCN	1	0	0	43	1338	-112	61	-100	0.2	2.9	123.1	1.9	0.6	ABCN	11172
1116	6ACWC	13.4	12.5	0.0	ABCN	104	33	5	43	1317	-118	60	-100	2.1	5.0	121.0	22.7	7.0	ABCN	1116
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1116																				
	ABCN : Tap = 6 RAISE																			
Regulator		13.4	12.5	0.0	ABCN				55	1191	-158	55	-99	-4.5	0.4	125.5	0.0	-0.0	ABCN	Regulator
11162	6ACWC	14.6	12.5	0.0	ABCN	0	-164	7	36	1108	-185	50	-99	0.4	0.9	125.1	4.0	1.2	ABCN	11162
Capacitor (Wye-Gnd Connected) at Center of Section 11162																				
	ABCN : Nominal = 150 kvar Actual = 164 kvar																			
1114	4ACSR	20.0	12.5	0.0	ABCN	78	25	4	33	1037	-44	46	-100	1.9	2.8	123.2	15.7	4.3	ABCN	1114
11141	4ACSR	23.9	12.5	0.0	ABCN	122	13	6	30	942	-73	43	-100	1.2	4.0	122.0	9.1	2.4	ABCN	11141
11142	6ACWC	27.6	12.5	0.0	A N	18	6	3	2	18	6	3	96	0.0	4.9	121.1	0.0	-0.2	A N	11142
11143	6ACWC	29.2	12.5	0.0	ABCN	95	30	5	26	792	-95	36	-99	1.3	5.3	120.7	8.8	2.2	ABCN	11143
11144	6ACWC	31.7	12.5	0.0	ABCN	5	-149	7	23	688	-127	32	-98	0.6	5.9	120.1	3.5	0.8	ABCN	11144
Capacitor (Wye-Gnd Connected) at Center of Section 11144																				
	ABCN : Nominal = 150 kvar Actual = 151 kvar																			
11145	6ACWC	35.3	12.5	0.0	ABCN	666	15	31	22	674	19	31	100	0.4	6.3	119.7	7.8	4.1	ABCN	11145
1115	6ACWC	19.2	12.5	0.0	A N	67	21	9	7	67	21	9	95	0.2	1.5	124.5	0.1	-0.2	A N	1115
11161	6ACWC	19.7	12.5	0.0	A N	83	26	12	8	83	26	12	95	0.3	1.2	124.8	0.2	-0.2	A N	11161
11173	4ACSR	12.6	12.5	0.0	A N	18	6	3	2	18	6	3	96	0.1	3.1	122.9	0.0	-0.2	A N	11173
1121	4ACSR	8.5	12.5	0.0	A N	12	4	2	4	41	13	6	96	0.3	0.5	125.5	0.1	-0.2	A N	1121
11211	4ACSR	14.1	12.5	0.0	A N	29	9	4	3	29	9	4	96	0.1	0.6	125.4	0.0	-0.3	A N	11211

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********** Load-Flow Results For Mariba Ckt 4 **********
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Mariba Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					481	147	22	96			126.0			ABCN	Feeder
1104	4ACSR	3.0	12.5	0.0	A N	37	11	5	48	481	147	67	96	1.9	1.9	124.1	6.6	3.3	A N	1104
11042	4ACSR	7.5	12.5	0.0	A N	69	21	10	38	378	115	53	96	2.1	4.0	122.0	5.5	2.7	A N	11042
11043	4ACSR	12.3	12.5	0.0	A N	53	16	8	31	304	92	43	96	1.9	5.9	120.1	4.1	1.9	A N	11043
1102	4ACSR	16.8	12.5	0.0	A N	151	45	22	19	188	56	27	96	0.7	6.6	119.4	0.9	0.3	A N	1102
11021	4ACSR	22.2	12.5	0.0	A N	37	11	5	4	37	11	5	96	0.1	6.8	119.2	0.0	-0.2	A N	11021
1103	4ACSR	16.5	12.5	0.0	A N	58	18	8	6	58	17	8	96	0.2	6.1	119.9	0.1	-0.2	A N	1103
11041	4ACSR	6.7	12.5	0.0	A N	59	18	8	6	59	17	8	96	0.1	2.1	123.9	0.1	-0.1	A N	11041

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********** Load-Flow Results For Mt. Sterling Ckt 1 **********

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Mt. Sterling Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1280	-34	56	-100			126.0			ABCN	Feeder
	46300	4/0ACSR	0.9	12.5	0.0	ABCN	12	1	1	17	1280	-34	56	-100	0.1	0.1	125.9	1.0	1.1	ABCN	46300
	463	4/0ACSR	7.7	12.5	0.0	ABCN	149	14	7	11	861	-80	38	-100	0.4	0.5	125.5	2.9	2.5	ABCN	463
	4631	4/0ACSR	8.0	12.5	0.0	ABCN	2	-164	7	9	691	-99	31	-99	0.0	0.5	125.5	0.1	0.1	ABCN	4631
Capacitor (Wye-Gnd Connected) at Center of Section 4631																					
	ABCN : Nominal = 150 kvar Actual = 164 kvar																				
	4635	4/0ACSR	8.8	12.5	0.0	ABCN	68	7	3	9	685	65	30	100	0.1	0.5	125.5	0.2	0.1	ABCN	4635
	4638	4/0ACSR	10.8	12.5	0.0	ABCN	91	9	4	6	481	45	21	100	0.1	0.6	125.4	0.3	-0.0	ABCN	4638
	4640	1/0EPR	11.4	12.5	0.0	A N	74	7	10	5	74	7	10	100	0.1	0.9	125.1	0.0	-0.0	A N	4640
	4642	4/0ACSR	11.3	12.5	0.0	ABCN	31	3	1	4	315	29	14	100	0.0	0.6	125.4	0.0	-0.1	ABCN	4642
	4641	1/0EPR	12.6	12.5	0.0	A N	100	10	13	7	100	10	13	100	0.2	1.0	125.0	0.1	0.0	A N	4641
	4643	4/0ACSR	11.7	12.5	0.0	ABCN	42	4	2	2	184	16	8	100	0.0	0.6	125.4	0.0	-0.1	ABCN	4643
	4644	1/0ACSR	12.3	12.5	0.0	ABCN	94	9	4	3	142	12	6	100	0.0	0.6	125.4	0.0	-0.1	ABCN	4644
	4645	1/0ACSR	14.1	12.5	0.0	ABCN	0	0	0	1	48	3	2	100	0.0	0.7	125.3	0.0	-0.3	ABCN	4645
	461	1/0ACSR	18.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.7	125.3	0.0	-0.8	ABCN	461
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 461																					
	ABCN : Tap = 0 NEUTRAL																				
	Regulator		18.3	12.5	0.0	ABCN				0	0	0	0	0	0.0	0.7	125.3	0.0	0.0	ABCN	Regulator
	462	4ACSR	19.2	12.5	0.0	A N	48	5	6	5	48	4	6	100	0.2	1.0	125.0	0.1	-0.2	A N	462
	4637	4ACSR	13.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.8	125.2	0.0	-0.1	A N	4637
	4639	1/0EPR	10.0	12.5	0.0	A N	135	13	18	9	135	13	18	100	0.2	0.9	125.1	0.2	0.1	A N	4639
	4633	4ACSR	9.2	12.5	0.0	A N	3	0	0	0	3	0	0	100	0.0	0.6	125.4	0.0	-0.1	A N	4633
	4632	4ACSR	8.8	12.5	0.0	A N	17	2	2	2	17	2	2	100	0.0	0.6	125.4	0.0	-0.1	A N	4632
	46430	4ACSR	2.2	12.5	0.0	A N	29	3	4	3	29	3	4	100	0.0	0.1	125.9	0.0	-0.1	A N	46430
	464	4ACSR	2.2	12.5	0.0	A N	4	0	0	36	378	41	50	99	0.6	0.7	125.3	1.6	0.8	A N	464
	46431	4ACSR	10.3	12.5	0.0	A N	81	8	11	36	373	40	50	99	3.3	4.0	122.0	8.6	4.1	A N	46431
	46432	4ACSR	18.4	12.5	0.0	A N	64	6	9	28	283	28	39	100	2.6	6.6	119.4	5.2	2.4	A N	46432
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 46432																					
	A N : Tap = 8 RAISE																				
	Regulator		18.4	12.5	0.0	A N				30	214	20	30	100	-6.0	0.7	125.3	0.0	0.0	A N	Regulator
	465	4ACSR	25.2	12.5	0.0	A N	35	3	5	3	35	3	5	100	0.1	0.8	125.2	0.0	-0.3	A N	465
	466	4ACSR	22.5	12.5	0.0	A N	12	1	2	17	179	17	24	100	0.9	1.5	124.5	1.1	0.4	A N	466
	4661	4ACSR	28.4	12.5	0.0	A N	6	1	1	1	6	0	1	100	0.0	1.5	124.5	0.0	-0.3	A N	4661
	4662	4ACSR	28.1	12.5	0.0	A N	123	12	17	15	160	15	21	100	0.7	2.2	123.8	0.7	0.1	A N	4662
	4663	4ACSR	32.5	12.5	0.0	A N	5	0	1	0	5	0	1	100	0.0	2.2	123.8	0.0	-0.2	A N	4663
	4664	4ACSR	32.8	12.5	0.0	A N	32	3	4	3	32	3	4	100	0.1	2.3	123.7	0.0	-0.2	A N	4664

********** Load-Flow Results For Mt. Sterling Ckt 2 **********

Mt. Sterling Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2088	-115	46	-100			126.0			ABCN	Feeder
477	336ACSR	1.3	24.9	0.0	ABCN	13	2	0	9	2088	-115	46	-100	0.0	0.0	126.0	0.5	-0.1	ABCN	477
4770	4/0ACSR	5.3	24.9	0.0	ABCN	31	4	1	13	2044	-119	45	-100	0.2	0.2	125.8	2.8	0.3	ABCN	4770
503	4/0ACSR	11.4	24.9	0.0	ABCN	64	8	1	13	1945	-127	43	-100	0.2	0.4	125.6	3.7	-0.2	ABCN	503
5031	4/0ACSR	16.8	24.9	0.0	ABCN	49	-322	7	12	1877	-135	42	-100	0.2	0.6	125.4	3.1	-0.4	ABCN	5031
Capacitor (Wye-Gnd Connected) at Center of Section 5031																				
	ABCN : Nominal = 300 kvar						Actual = 328 kvar													
512	1/0ACSR	17.8	24.9	0.0	ABCN	39	5	1	15	1570	169	35	99	0.1	0.7	125.3	0.8	-0.2	ABCN	512
5122	1/0ACSR	19.7	24.9	0.0	ABCN	4	0	0	7	772	84	17	99	0.1	0.7	125.3	0.3	-1.1	ABCN	5122
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 5121																				
	A N : Tap = 1 RAISE																			
Regulator		19.7	24.9	0.0	A N				51	767	85	51	99	-0.8	-0.0	125.8	0.0	0.0	A N	Regulator
5121	4ACSR	22.3	24.9	0.0	A N	117	14	8	37	767	85	51	99	0.6	0.6	125.4	3.2	1.1	A N	5121
511	4ACSR	27.7	24.9	0.0	A N	123	15	8	30	631	69	42	99	0.9	1.5	124.5	4.2	1.1	A N	511
5100	6ACWC	30.4	24.9	0.0	A N	147	17	10	9	189	20	13	99	0.1	1.6	124.4	0.1	-0.5	A N	5100
510	6ACWC	31.9	24.9	0.0	A N	0	0	0	2	42	3	3	100	0.0	1.6	124.4	0.0	-0.3	A N	510
507	6ACWC	37.2	24.9	0.0	A N	15	2	1	1	15	1	1	100	0.0	1.6	124.4	0.0	-1.1	A N	507
517	6ACWC	37.4	24.9	0.0	A N	27	3	2	1	27	2	2	100	0.0	1.7	124.3	0.0	-1.1	A N	517
520	6ACWC	33.0	24.9	0.0	A N	134	16	9	15	315	34	21	99	0.4	1.9	124.1	0.8	-0.6	A N	520
5200	6ACWC	37.2	24.9	0.0	A N	48	6	3	2	48	5	3	99	0.0	1.9	124.1	0.0	-0.8	A N	5200
5201	6ACWC	39.5	24.9	0.0	A N	131	15	9	6	132	13	9	99	0.1	2.0	124.0	0.1	-1.2	A N	5201
5123	4ACSR	28.3	24.9	0.0	A N	16	2	1	1	16	1	1	100	0.0	0.6	125.4	0.0	-1.2	A N	5123
5216	336ACSR	18.5	24.9	0.0	A N	0	0	0	10	758	80	51	99	0.0	0.7	125.3	0.1	0.2	A N	5216
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5216																				
	A N : Tap = 0 NEUTRAL																			
Regulator		18.5	24.9	0.0	A N				51	758	80	51	99	0.0	0.7	125.0	0.0	0.0	A N	Regulator
5120	4ACSR	23.2	24.9	0.0	A N	92	11	6	4	92	10	6	99	0.1	0.8	125.2	0.0	-0.9	A N	5120
521	336ACSR	23.4	24.9	0.0	A N	133	12	9	8	665	70	45	99	0.2	0.9	125.1	0.7	0.4	A N	521
5211	6ACWC	24.6	24.9	0.0	A N	14	2	1	22	466	50	31	99	0.2	1.1	124.9	0.5	0.1	A N	5211
5213	6ACWC	26.6	24.9	0.0	A N	38	4	3	21	428	46	29	99	0.2	1.3	124.7	0.8	0.0	A N	5213
5215	6ACWC	30.4	24.9	0.0	A N	128	15	9	15	319	34	21	99	0.3	1.6	124.4	0.6	-0.4	A N	5215
543	4ACSR	33.8	24.9	0.0	A N	32	3	2	2	32	2	2	100	0.0	1.6	124.4	0.0	-0.7	A N	543
5433	4ACSR	31.1	24.9	0.0	A N	0	0	0	8	159	17	11	99	0.0	1.6	124.4	0.0	-0.1	A N	5433
5430	4ACSR	34.9	24.9	0.0	A N	48	6	3	2	48	5	3	99	0.0	1.7	124.3	0.0	-0.7	A N	5430
5431	4ACSR	37.6	24.9	0.0	A N	111	13	8	5	111	12	8	99	0.1	1.7	124.3	0.1	-1.2	A N	5431
5432	4ACSR	37.7	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.7	124.3	0.0	-0.0	A N	5432
5214	4ACSR	28.9	24.9	0.0	A N	70	8	5	3	70	8	5	99	0.0	1.3	124.7	0.0	-0.5	A N	5214
5212	6ACWC	26.5	24.9	0.0	A N	23	3	2	1	23	2	2	99	0.0	1.1	124.9	0.0	-0.4	A N	5212
5210	6ACWC	26.1	24.9	0.0	A N	66	8	4	3	66	7	4	99	0.0	0.9	125.1	0.0	-0.5	A N	5210
513	1/0ACSR	21.6	24.9	0.0	ABCN	50	6	1	2	255	19	6	100	0.0	0.7	125.3	0.1	-3.6	ABCN	513
523	1/0ACSR	27.6	24.9	0.0	ABCN	113	13	3	1	113	9	3	100	0.0	0.7	125.3	0.0	-4.5	ABCN	523
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 523																				
	ABCN : Tap = 0 NEUTRAL																			
Regulator		27.6	24.9	0.0	ABCN				0	0	0	0	0	0.0	0.7	125.1	0.0	0.0	ABCN	Regulator
514	4ACSR	27.0	24.9	0.0	A N	41	5	3	4	92	7	6	100	0.1	0.8	125.2	0.1	-1.1	A N	514
515	4ACSR	32.3	24.9	0.0	A N	29	3	2	1	29	2	2	100	0.0	0.8	125.2	0.0	-1.1	A N	515
516	4ACSR	33.7	24.9	0.0	A N	22	3	2	1	22	1	1	100	0.0	0.8	125.2	0.0	-1.3	A N	516
500	4ACSR	10.0	24.9	0.0	A N	0	0	0	3	65	4	4	100	0.1	0.3	125.7	0.0	-0.9	A N	500
5002	4ACSR	15.5	24.9	0.0	A N	16	2	1	1	16	1	1	100	0.0	0.3	125.7	0.0	-1.1	A N	5002
5001	4ACSR	16.2	24.9	0.0	A N	49	6	3	2	49	5	3	100	0.0	0.3	125.7	0.0	-1.3	A N	5001
478	4ACSR	5.6	24.9	0.0	A N	31	4	2	1	31	3	2	100	0.0	0.0	126.0	0.0	-0.9	A N	478

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********** Load-Flow Results For Mt. Sterling Ckt 3 **********
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Mt. Sterling Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	Phs KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1697	-475	78	-96			126.0			ABCN	Feeder
476	336ACSR	1.3	12.5	0.0	ABCN	54	3	2	15	1697	-475	78	-96	0.0	0.0	126.0	1.3	2.5	ABCN	476
47600	1/0ACSR	6.1	12.5	0.0	ABCN	101	6	4	33	1641	-481	75	-96	0.9	1.0	125.0	16.6	11.6	ABCN	47600
47601	1/0ACSR	9.6	12.5	0.0	ABCN	21	1	1	31	1523	-499	71	-95	0.6	1.6	124.4	11.0	7.6	ABCN	47601
501	1/0ACSR	14.2	12.5	0.0	ABCN	3	0	0	30	1464	-510	69	-94	0.8	2.3	123.7	14.1	9.8	ABCN	501
504	1/0ACSR	19.6	12.5	0.0	ABCN	25	2	1	25	1138	-542	57	-90	0.6	2.9	123.1	10.8	7.2	ABCN	504
50400	1/0ACSR	24.5	12.5	0.0	ABCN	59	-625	28	24	1102	-551	56	-89	0.7	3.6	122.4	8.3	5.4	ABCN	50400
Capacitor (Wye-Gnd Connected) at Center of Section 50400																				
ABCN : Nominal = 600 kvar Actual = 628 kvar																				
506	1/0ACSR	26.4	12.5	0.0	ABCN	18	1	1	17	852	57	39	100	0.3	3.9	122.1	1.8	1.0	ABCN	506
50600	1/0ACSR	27.7	12.5	0.0	ABCN	18	1	1	16	832	54	38	100	0.2	4.1	121.9	1.2	0.7	ABCN	50600
540	1/0ACSR	31.0	12.5	0.0	ABCN	17	1	1	16	813	53	37	100	0.4	4.5	121.5	2.8	1.6	ABCN	540
54000	4ACSR	34.3	12.5	0.0	A N	119	7	16	12	120	7	16	100	0.3	5.0	121.0	0.2	-0.0	A N	54000
54001	1/0ACSR	36.5	12.5	0.0	ABCN	165	10	8	13	673	42	31	100	0.6	5.1	120.9	2.9	1.3	ABCN	54001
537	1/0ACSR	41.0	12.5	0.0	ABCN	176	8	8	10	504	30	23	100	0.3	5.4	120.6	1.3	0.3	ABCN	537
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 307																				
A N : Tap = 8 RAISE																				
Regulator			12.5	0.0	A N				15	108	6	15	100	-6.0	0.1	125.9	0.0	0.0	A N	Regulator
307	4ACSR	45.8	12.5	0.0	A N	36	2	5	10	108	6	14	100	0.5	0.6	125.4	0.4	-0.0	A N	307
30700	4ACSR	50.3	12.5	0.0	A N	29	2	4	7	72	4	10	100	0.3	0.9	125.1	0.1	-0.1	A N	30700
277	6ACWC	56.0	12.5	0.0	A N	43	3	6	4	43	2	6	100	0.1	1.0	125.0	0.0	-0.3	A N	277
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 31400																				
A N : Tap = 8 RAISE																				
Regulator			12.5	0.0	A N				30	218	13	30	100	-6.0	0.1	125.9	0.0	-0.0	A N	Regulator
31400	4ACSR	44.2	12.5	0.0	A N	45	3	6	21	218	13	29	100	0.8	0.8	125.2	1.2	0.5	A N	31400
314	4ACSR	46.7	12.5	0.0	A N	61	4	8	10	108	6	14	100	0.2	1.1	124.9	0.2	-0.0	A N	314
3141	4ACSR	47.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.1	124.9	0.0	-0.0	A N	3141
330	4ACSR	55.0	12.5	0.0	A N	47	3	6	5	47	3	6	100	0.2	1.3	124.7	0.1	-0.4	A N	330
31401	4ACSR	48.9	12.5	0.0	A N	64	4	9	6	64	4	9	100	0.2	1.0	125.0	0.1	-0.2	A N	31401
505	4ACSR	27.4	12.5	0.0	A N	46	3	6	18	183	11	25	100	0.6	4.5	121.5	0.8	0.3	A N	505
246	4ACSR	33.1	12.5	0.0	A N	113	7	16	13	136	8	19	100	0.6	5.0	121.0	0.5	0.0	A N	246
24600	4ACSR	38.5	12.5	0.0	A N	23	1	3	2	23	1	3	100	0.1	5.1	120.9	0.0	-0.2	A N	24600
2451	4ACSR	19.8	12.5	0.0	A N	40	2	5	30	309	22	42	100	2.0	4.5	121.5	4.6	2.2	A N	2451
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2451																				
A N : Tap = 6 RAISE																				
H Regulator			12.5	0.0	A N				36	265	17	36	100	-4.6	-0.1	126.1	0.0	0.0	A N	Regulator
24500	4ACSR	27.4	12.5	0.0	A N	76	5	10	25	265	17	35	100	2.1	2.0	124.0	3.7	1.6	A N	24500
244	4ACSR	34.1	12.5	0.0	A N	48	3	6	18	185	11	25	100	1.3	3.3	122.7	1.7	0.6	A N	244
255	4ACSR	41.3	12.5	0.0	A N	58	4	8	9	88	5	12	100	0.5	3.8	122.2	0.3	-0.2	A N	255
256	4ACSR	46.1	12.5	0.0	A N	20	1	3	3	29	1	4	100	0.1	4.0	122.0	0.0	-0.2	A N	256
25600	4ACSR	51.6	12.5	0.0	A N	9	1	1	1	9	0	1	100	0.0	4.0	122.0	0.0	-0.3	A N	25600
243	4ACSR	40.7	12.5	0.0	A N	47	3	6	5	48	3	6	100	0.2	3.5	122.5	0.1	-0.3	A N	243
502	4ACSR	17.1	12.5	0.0	A N	27	2	4	3	27	1	4	100	0.1	1.8	124.2	0.0	-0.4	A N	502

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********** Load-Flow Results For Reid Village Ckt 1 **********
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Reid Village Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	-- 120V Base -- Accm Volt Drop	-- 120V Base -- Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1912	119	84	100			126.0			ABCN	Feeder
46043	336ACSR	0.2	12.5	0.0	ABCN	0	0	0	16	1912	119	84	100	0.0	0.0	126.0	0.3	0.5	ABCN	46043
46042	4ACSR	0.3	12.5	0.0	ABCN	0	-0	0	60	1912	119	84	100	0.1	0.1	125.9	1.3	0.4	ABCN	46042
227	4ACSR	3.0	12.5	0.0	ABCN	8	2	0	51	1608	48	71	100	1.5	1.6	124.4	19.2	5.9	ABCN	227
2272	4ACSR	6.8	12.5	0.0	ABCN	72	17	3	43	1359	-11	61	-100	1.8	3.4	122.6	19.4	5.8	ABCN	2272
2273	4ACSR	9.1	12.5	0.0	ABCN	145	34	7	41	1267	-34	57	-100	1.0	4.5	121.5	10.3	3.1	ABCN	2273
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2273																				
	ABCN : Tap = 5 RAISE																			
Regulator		9.1	12.5	0.0	ABCN				51	1111	-71	51	-100	-3.8	0.7	125.3	0.0	-0.0	ABCN	Regulator
226	4ACSR	11.6	12.5	0.0	ABCN	4	-324	14	34	1057	-82	47	-100	0.9	1.6	124.4	8.0	2.2	ABCN	226
Capacitor (Wye-Gnd Connected) at Center of Section 226																				
	ABCN : Nominal = 300 kvar Actual = 325 kvar																			
2261	4ACSR	13.1	12.5	0.0	ABCN	20	5	1	31	946	217	43	97	0.6	2.2	123.8	4.3	1.1	ABCN	2261
225	4ACSR	13.9	12.5	0.0	AB N	26	6	2	35	716	162	49	98	0.4	2.6	123.4	1.9	0.8	AB N	225
2252	4ACSR	17.8	12.5	0.0	AB N	39	9	3	31	634	143	44	98	1.5	4.1	121.9	7.2	2.7	AB N	2252
2253	4ACSR	21.5	12.5	0.0	AB N	59	14	4	29	587	131	41	98	1.3	5.4	120.6	5.8	2.1	AB N	2253
222	4ACSR	24.5	12.5	0.0	AB N	57	9	4	17	343	74	24	98	0.6	6.0	120.0	1.5	0.4	AB N	222
2221	4ACSR	31.9	12.5	0.0	A N	153	36	22	16	154	36	22	97	0.8	7.9	118.1	1.0	0.2	A N	2221
2222	4ACSR	27.5	12.5	0.0	AB N	-0	-0	0	7	128	29	9	98	0.3	6.2	119.8	0.3	-0.2	AB N	2222
230	4ACSR	32.7	12.5	0.0	AB N	44	10	3	7	127	29	9	98	0.3	6.6	119.4	0.3	-0.4	AB N	230
2301	4ACSR	37.2	12.5	0.0	AB N	82	19	6	4	82	19	6	97	0.1	6.7	119.3	0.2	-0.4	AB N	2301
223	4ACSR	26.5	12.5	0.0	A N	92	22	13	18	177	41	25	97	0.9	7.2	118.8	1.0	0.3	A N	223
2231	2ACSR	33.3	12.5	0.0	A N	84	20	12	7	84	19	12	97	0.3	7.5	118.5	0.2	-0.2	A N	2231
2251	4ACSR	22.1	12.5	0.0	A N	54	13	8	5	54	12	8	98	0.3	3.2	122.8	0.1	-0.3	A N	2251
224	4ACSR	18.2	12.5	0.0	A N	124	29	17	20	205	48	28	97	1.0	3.5	122.5	1.2	0.4	A N	224
2241	4ACSR	25.2	12.5	0.0	A N	80	19	11	8	80	18	11	97	0.4	3.9	122.1	0.2	-0.2	A N	2241
2262	4ACSR	16.2	12.5	0.0	A N	99	23	14	10	99	23	14	97	0.3	2.2	123.8	0.2	-0.1	A N	2262
212	4ACSR	14.1	12.5	0.0	ABCN	36	8	2	2	54	11	2	98	0.1	0.7	125.3	0.0	-0.9	ABCN	212
2121	4ACSR	20.7	12.5	0.0	ABCN	18	4	1	1	18	3	1	99	0.0	0.7	125.3	0.0	-1.2	ABCN	2121
2271	4ACSR	8.4	12.5	0.0	A N	221	52	31	22	223	52	31	97	0.8	2.5	123.5	1.4	0.4	A N	2271
455	4ACSR	4.8	12.5	0.0	A N	70	14	10	29	303	70	41	97	1.6	1.7	124.3	3.2	1.4	A N	455
4551	4ACSR	8.7	12.5	0.0	A N	5	1	1	23	229	54	32	97	1.2	2.9	123.1	2.0	0.9	A N	4551
4553	4ACSR	11.1	12.5	0.0	A N	3	1	0	0	3	1	0	98	0.0	2.9	123.1	0.0	-0.1	A N	4553
4552	4ACSR	15.0	12.5	0.0	A N	218	51	30	22	219	51	30	97	0.9	3.8	122.2	1.6	0.5	A N	4552

********** Load-Flow Results For Reid Village Ckt 2 **********

Reid Village Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1471	36	65	100			126.0			ABCN	Feeder
46044	336ACSR	0.2	12.5	0.0	ABCN	0	0	0	12	1471	36	65	100	0.0	0.0	126.0	0.2	0.3	ABCN	46044
46045	336ACSR	0.4	12.5	0.0	ABCN	-0	-0	0	12	1471	36	65	100	0.0	0.0	126.0	0.1	0.2	ABCN	46045
4604	4ACSR	2.1	12.5	0.0	ABCN	131	33	6	46	1471	35	65	100	0.9	0.9	125.1	9.6	2.9	ABCN	4604
4601	4ACSR	2.8	12.5	0.0	ABCN	29	7	1	39	1218	-29	54	-100	0.3	1.2	124.8	3.1	0.9	ABCN	4601
460	4ACSR	3.5	12.5	0.0	ABCN	85	11	4	23	701	-161	32	-97	0.1	1.3	124.7	0.9	0.2	ABCN	460
4615	1/0ACSR	3.6	12.5	0.0	ABCN	3	1	0	7	259	-259	16	-71	0.0	1.3	124.7	0.0	-0.0	ABCN	4615
46146	1/0ACSR	5.6	12.5	0.0	ABCN	0	-324	14	7	241	-264	16	-67	0.1	1.4	124.6	0.2	-0.2	ABCN	46146
Capacitor (Wye-Gnd Connected) at Center of Section 46146																				
	ABCN : Nominal = 300 kvar						Actual = 324 kvar													
4614	1/0ACSR	7.5	12.5	0.0	ABCN	37	9	2	3	160	40	7	97	0.0	1.4	124.6	0.1	-0.3	ABCN	4614
46142	336ACSR	8.2	12.5	0.0	ABCN	0	0	0	1	123	31	6	97	0.0	1.5	124.5	0.0	-0.1	ABCN	46142
4612	1/0EPR	10.9	12.5	0.0	A N	82	21	11	7	106	27	15	97	0.5	2.1	123.9	0.3	0.2	A N	4612
4613	1/0EPR	12.1	12.5	0.0	A N	24	6	3	2	24	6	3	97	0.0	2.2	123.8	0.0	-0.1	A N	4613
46141	336ACSR	8.5	12.5	0.0	ABCN	17	4	1	0	17	4	1	97	0.0	1.5	124.5	0.0	-0.1	ABCN	46141
46143	1/0ACSR	7.3	12.5	0.0	ABCN	9	2	0	2	80	20	4	97	0.0	1.4	124.6	0.0	-0.3	ABCN	46143
46144	1/0EPR	7.4	12.5	0.0	ABCN	0	0	0	2	71	18	3	97	0.0	1.4	124.6	0.0	-0.0	ABCN	46144
46145	1/0ACSR	8.1	12.5	0.0	ABCN	71	18	3	1	71	18	3	97	0.0	1.4	124.6	0.0	-0.1	ABCN	46145
4616	1/0EPR	5.3	12.5	0.0	A N	15	4	2	1	15	4	2	97	0.0	1.5	124.5	0.0	-0.1	A N	4616
457	4ACSR	6.1	12.5	0.0	ABCN	51	13	2	12	357	87	16	97	0.3	1.7	124.3	0.9	-0.1	ABCN	457
4571	4ACSR	7.4	12.5	0.0	ABCN	7	2	0	8	246	59	11	97	0.1	1.8	124.2	0.2	-0.1	ABCN	4571
4579	4ACSR	7.6	12.5	0.0	ABCN	10	2	0	4	136	34	6	97	0.0	1.8	124.2	0.0	-0.0	ABCN	4579
45792	1/0EPR	10.0	12.5	0.0	A N	8	2	1	1	8	2	1	97	0.0	2.0	124.0	0.0	-0.1	A N	45792
45793	4ACSR	7.9	12.5	0.0	ABCN	0	-0	0	4	119	30	5	97	0.0	1.8	124.2	0.0	-0.0	ABCN	45793
4575	4ACSR	8.1	12.5	0.0	A N	0	0	0	11	112	28	15	97	0.0	2.1	123.9	0.0	0.0	A N	4575
4574	4ACSR	9.9	12.5	0.0	A N	45	11	6	4	45	11	6	97	0.1	2.1	123.9	0.0	-0.1	A N	4574
4576	4ACSR	8.7	12.5	0.0	A N	0	0	0	7	66	17	9	97	0.0	2.1	123.9	0.0	-0.0	A N	4576
4577	1/0EPR	10.6	12.5	0.0	A N	29	7	4	2	29	7	4	97	0.1	2.2	123.8	0.0	-0.1	A N	4577
4578	1/0EPR	10.6	12.5	0.0	A N	37	9	5	3	37	9	5	97	0.1	2.2	123.8	0.0	-0.1	A N	4578
45791	1/0EPR	10.9	12.5	0.0	A N	7	2	1	0	7	1	1	98	0.0	2.1	123.9	0.0	-0.2	A N	45791
4573	4ACSR	9.5	12.5	0.0	A N	102	23	14	10	102	23	14	97	0.1	2.2	123.8	0.1	-0.0	A N	4573
4572	4ACSR	9.0	12.5	0.0	A N	59	15	8	6	59	15	8	97	0.1	2.0	124.0	0.1	-0.1	A N	4572
4602	4ACSR	4.4	12.5	0.0	ABCN	134	34	6	16	485	123	22	97	0.3	1.4	124.6	1.0	0.1	ABCN	4602
4608	4ACSR	6.6	12.5	0.0	ABCN	-0	0	0	11	350	89	16	97	0.3	1.8	124.2	0.8	-0.1	ABCN	4608
4605	4ACSR	8.4	12.5	0.0	A N	106	27	15	10	106	27	15	97	0.1	2.1	123.9	0.1	-0.0	A N	4605
4606	4ACSR	7.9	12.5	0.0	A N	120	30	17	24	242	62	34	97	0.3	2.3	123.7	0.5	0.2	A N	4606
4607	4ACSR	10.9	12.5	0.0	A N	122	31	17	12	122	31	17	97	0.2	2.5	123.5	0.2	-0.0	A N	4607
4603	4ACSR	4.0	12.5	0.0	A N	112	28	15	11	112	28	15	97	0.1	1.1	124.9	0.1	-0.0	A N	4603

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********** Load-Flow Results For Rockwell Ckt 1 **********
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Rockwell Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1156	16	51	100			126.0			ABCN	Feeder
13131D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	10	1156	16	51	100	0.0	0.0	126.0	0.0	0.0	ABCN	13131D
13131	1/0ACSR	0.4	12.5	0.0	ABCN	0	0	0	22	1156	16	51	100	0.1	0.1	125.9	0.6	0.4	ABCN	13131
1309	1/0ACSR	0.5	12.5	0.0	ABCN	21	26	1	8	275	341	19	63	0.0	0.1	125.9	0.0	-0.0	ABCN	1309
1308	1/0ACSR	2.6	12.5	0.0	A N	253	314	54	23	254	315	54	63	0.3	0.4	125.6	0.8	0.7	A N	1308
1329	1/0ACSR	3.2	12.5	0.0	ABCN	292	-329	19	18	881	-325	41	-94	0.3	0.3	125.7	2.6	1.5	ABCN	1329
Capacitor (Wye-Gnd Connected) at Center of Section 1329																				
	ABCN : Nominal = 300 kvar Actual = 330 kvar																			
1330	1/0EPR	3.7	12.5	0.0	ABCN	584	0	26	13	586	2	26	100	0.1	0.4	125.6	1.5	1.5	ABCN	1330

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********** Load-Flow Results For Rockwell Ckt 2 **********
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Rockwell Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	KW	KVAR	Phs Cfg Section
	Feeder			12.5	0.0	ABCN					1450	-967	77	-83			126.0			ABCN Feeder
H	13142D	336ACSR	0.0	12.5	0.0	ABCN	0	-0	0	14	1450	-967	77	-83	-0.0	-0.0	126.0	0.0	0.0	ABCN 13142D
	13142	1/0ACSR	0.8	12.5	0.0	ABCN	7	0	0	33	1450	-967	77	-83	0.1	0.1	125.9	3.2	2.2	ABCN 13142
	131421	1/0ACSR	1.1	12.5	0.0	ABCN	-0	-660	29	33	1404	-969	75	-82	0.0	0.1	125.9	0.7	0.5	ABCN 131421
	Capacitor (Wye-Gnd Connected) at Center of Section 131421																			
		ABCN : Nominal = 600 kvar Actual = 660 kvar																		
	13261	1/0ACSR	1.6	12.5	0.0	ABCN	51	-570	25	28	1403	-310	63	-98	0.1	0.2	125.8	1.3	0.9	ABCN 13261
	Capacitor (Wye-Gnd Connected) at Center of Section 13261																			
		ABCN : Nominal = 600 kvar Actual = 660 kvar																		
	13241	1/0ACSR	1.9	12.5	0.0	ABCN	31	54	3	9	369	253	20	82	0.0	0.3	125.7	0.1	-0.0	ABCN 13241
	13231	1/0ACSR	2.0	12.5	0.0	ABCN	224	-0	10	8	338	199	17	86	0.0	0.3	125.7	0.0	-0.0	ABCN 13231
	13222	1/0EPR	3.1	12.5	0.0	A N	79	139	21	11	80	139	21	50	0.3	0.6	125.4	0.2	0.2	A N 13222
	13232	4ACSR	2.5	12.5	0.0	A N	34	60	9	7	34	60	9	50	0.0	0.3	125.7	0.0	-0.0	A N 13232
	13251	1/0ACSR	2.9	12.5	0.0	ABCN	978	4	43	19	981	7	43	100	0.1	0.3	125.7	2.9	2.7	ABCN 13251
	13281	1/0ACSR	1.3	12.5	0.0	ABCN	36	0	2	1	36	-0	2	-100	0.0	0.1	125.9	0.0	-0.1	ABCN 13281

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********** Load-Flow Results For Rockwell Ckt 3 **********
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Rockwell Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1602	1477	96	74			126.0			ABCN	Feeder
13143D	336ACSR	0.0	12.5	0.0	ABCN	0	-0	0	18	1602	1477	96	74	0.0	0.0	126.0	0.0	0.0	ABCN	13143D
13143	1/0ACSR	0.3	12.5	0.0	ABCN	0	-0	0	42	1602	1477	96	74	0.1	0.1	125.9	1.6	1.1	ABCN	13143
13141	1/0ACSR	1.4	12.5	0.0	ABCN	82	93	5	42	1601	1476	96	74	0.4	0.6	125.4	6.1	4.4	ABCN	13141
13181	1/0ACSR	1.5	12.5	0.0	ABCN	0	0	0	36	1393	1243	83	75	0.1	0.6	125.4	0.8	0.5	ABCN	13181
13171	1/0ACSR	1.8	12.5	0.0	ABCN	18	-307	14	36	1392	1243	83	75	0.1	0.7	125.3	1.1	0.8	ABCN	13171
Capacitor (Wye-Gnd Connected) at Center of Section 13171																				
	ABCN : Nominal = 300 kvar						Actual = 327 kvar													
13161	1/0ACSR	2.2	12.5	0.0	ABCN	45	51	3	30	1033	1166	69	66	0.1	0.8	125.2	1.2	0.8	ABCN	13161
13151	1/0ACSR	2.5	12.5	0.0	ABCN	-0	0	0	20	678	765	45	66	0.1	0.9	125.1	0.4	0.3	ABCN	13151
13012	1/0ACSR	2.9	12.5	0.0	ABCN	0	0	0	13	464	523	31	66	0.1	1.0	125.0	0.2	0.1	ABCN	13012
13011	1/0ACSR	3.3	12.5	0.0	ABCN	61	68	4	13	463	523	31	66	0.1	1.0	125.0	0.2	0.1	ABCN	13011
1302	1/0ACSR	4.1	12.5	0.0	AB N	178	202	18	18	402	454	40	66	0.1	1.1	124.9	0.5	0.3	AB N	1302
1303	1/0ACSR	5.5	12.5	0.0	A N	223	252	45	20	223	252	45	66	0.2	1.4	124.6	0.4	0.3	A N	1303
1305	1/0EPR	3.2	12.5	0.0	A N	134	151	27	21	213	241	43	66	0.5	1.5	124.5	0.8	0.8	A N	1305
1304	1/0EPR	3.5	12.5	0.0	A N	79	89	16	8	79	89	16	66	0.1	1.5	124.5	0.0	0.0	A N	1304
1306	1/0EPR	2.4	12.5	0.0	A N	29	33	6	31	310	350	62	66	0.4	1.3	124.7	1.0	1.0	A N	1306
1307	1/0EPR	2.8	12.5	0.0	A N	85	96	17	17	169	191	34	66	0.3	1.5	124.5	0.3	0.3	A N	1307
1310	1/0EPR	3.3	12.5	0.0	A N	84	95	17	9	84	95	17	66	0.1	1.6	124.4	0.1	0.0	A N	1310
1332	1/0EPR	2.9	12.5	0.0	A N	110	124	22	11	110	124	22	66	0.1	1.4	124.6	0.1	0.1	A N	1332
1333	1/0EPR	2.0	12.5	0.0	ABCN	0	-0	0	11	339	383	23	66	0.1	0.8	125.2	0.4	0.3	ABCN	1333
1334	1/0EPR	2.4	12.5	0.0	ABCN	82	93	6	11	339	383	23	66	0.2	1.0	125.0	0.5	0.4	ABCN	1334
1312	1/0EPR	3.1	12.5	0.0	ABCN	255	288	17	9	256	289	17	66	0.1	1.2	124.8	1.0	0.9	ABCN	1312
1335	1/0EPR	2.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.1	124.9	0.0	-0.0	A N	1335
13191	2ACSR	2.2	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.7	125.3	0.0	-0.0	A N	13191
13201	1/0EPR	2.1	12.5	0.0	A N	120	135	24	12	120	136	24	66	0.2	0.8	125.2	0.2	0.2	A N	13201

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********** Load-Flow Results For Sand Lick Ckt 1 **********
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Sand Lick Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					0	-3	0	0			126.0			ABCN	Feeder
H	1016	4ACSR	7.1	12.5	0.0	ABCN	0	0	0	0	0	-3	0	0	-0.0	-0.0	126.0	0.0	-1.3	ABCN	1016
H	10161	2ACSR	12.3	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	-0.0	126.0	0.0	-1.0	ABCN	10161
H	778	2ACSR	16.5	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.8	ABCN	778

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********** Load-Flow Results For Sand Lick Ckt 2 **********
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Sand Lick Ckt 2

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					3	10	0	26			126.0			ABCN	Feeder
1015	2ACSR		3.6	12.5	0.0	ABCN	-0	0	0	0	3	10	0	26	0.0	0.0	126.0	0.0	-0.7	ABCN	1015
10151	2ACSR		9.2	12.5	0.0	ABCN	0	0	0	0	3	11	1	25	0.0	0.0	126.0	0.0	-1.0	ABCN	10151
783	2ACSR		12.5	12.5	0.0	ABCN	3	13	1	0	3	12	1	23	0.0	0.0	126.0	0.0	-0.6	ABCN	783

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********** Load-Flow Results For Sideview Ckt 1 **********
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Sideview Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1875	380	42	98			126.0			ABCN	Feeder
162	1/0ACSR	7.7	24.9	0.0	ABCN	62	14	1	18	1875	380	42	98	0.6	0.6	125.4	8.5	0.5	ABCN	162
157	1/0ACSR	11.2	24.9	0.0	ABCN	25	6	1	16	1620	330	37	98	0.3	0.9	125.1	3.0	-0.4	ABCN	157
160	1/0ACSR	15.5	24.9	0.0	ABCN	26	6	1	14	1467	298	33	98	0.3	1.2	124.8	3.0	-1.0	ABCN	160
133	1/0ACSR	20.4	24.9	0.0	ABCN	50	11	1	12	1257	256	29	98	0.3	1.5	124.5	2.5	-1.9	ABCN	133
1331	1/0ACSR	25.3	24.9	0.0	ABCN	81	19	2	12	1205	246	27	98	0.3	1.7	124.3	2.2	-2.0	ABCN	1331
145	4ACSR	30.4	24.9	0.0	A N	36	8	2	30	616	124	42	98	1.0	2.8	123.2	4.6	1.4	A N	145
1451	4ACSR	33.3	24.9	0.0	A N	16	4	1	28	576	114	40	98	0.6	3.4	122.6	2.4	0.7	A N	1451
144	4ACSR	39.6	24.9	0.0	A N	22	5	2	28	557	110	39	98	1.1	4.5	121.5	4.8	1.3	A N	144
142	4ACSR	46.3	24.9	0.0	A N	13	3	1	24	479	93	34	98	1.1	5.6	120.4	3.9	0.8	A N	142
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 142																				
A N : Tap = 7 RAISE																				
Regulator			46.3	24.9	0.0	A N				33	462	90	33	98	-5.3	0.3	125.5	0.0	0.0	A N	Regulator
1412	4ACSR	50.7	24.9	0.0	A N	16	4	1	1	16	3	1	99	0.0	0.3	125.7	0.0	-0.9	A N	1412
141	4ACSR	51.8	24.9	0.0	A N	79	18	5	22	447	87	30	98	0.7	1.0	125.0	2.2	0.1	A N	141
1411	4ACSR	56.8	24.9	0.0	A N	44	10	3	18	365	68	25	98	0.6	1.6	124.4	1.4	-0.2	A N	1411
137	4ACSR	58.9	24.9	0.0	A N	27	6	2	13	274	50	19	98	0.2	1.8	124.2	0.4	-0.2	A N	137
1378	4ACSR	67.7	24.9	0.0	A N	68	16	5	3	68	14	5	98	0.1	1.9	124.1	0.1	-1.7	A N	1378
1379	4ACSR	66.3	24.9	0.0	A N	16	4	1	9	178	30	12	99	0.4	2.2	123.8	0.5	-1.2	A N	1379
1371	4ACSR	71.2	24.9	0.0	A N	21	1	1	1	21	-0	1	-100	0.0	2.2	123.8	0.0	-1.0	A N	1371
1372	4ACSR	71.2	24.9	0.0	A N	13	3	1	7	142	28	10	98	0.2	2.4	123.6	0.2	-0.8	A N	1372
1373	4ACSR	75.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-37	-0.0	2.4	123.6	0.0	-0.9	A N	1373
1374	4ACSR	76.1	24.9	0.0	A N	26	6	2	6	128	26	9	98	0.2	2.6	123.4	0.2	-0.9	A N	1374
1375	4ACSR	79.2	24.9	0.0	A N	42	10	3	5	102	21	7	98	0.1	2.7	123.3	0.1	-0.6	A N	1375
1376	4ACSR	83.9	24.9	0.0	A N	15	3	1	1	15	3	1	99	0.0	2.7	123.3	0.0	-0.9	A N	1376
1377	4ACSR	83.3	24.9	0.0	A N	45	10	3	2	45	10	3	98	0.0	2.7	123.3	0.0	-0.8	A N	1377
140	4ACSR	65.0	24.9	0.0	A N	46	11	3	2	46	9	3	98	0.1	1.6	124.4	0.0	-1.6	A N	140
143	6ACWC	47.8	24.9	0.0	A N	51	12	4	3	51	10	4	98	0.1	4.6	121.4	0.0	-1.5	A N	143
146	4ACSR	28.7	24.9	0.0	A N	24	5	2	25	506	105	35	98	0.6	2.4	123.6	2.1	0.4	A N	146
147	4ACSR	32.4	24.9	0.0	A N	9	2	1	19	379	82	26	98	0.5	2.8	123.2	1.3	-0.0	A N	147
1471	4ACSR	38.1	24.9	0.0	A N	49	11	3	2	49	10	3	98	0.0	2.9	123.1	0.0	-1.1	A N	1471
1472	4ACSR	35.5	24.9	0.0	A N	46	11	3	16	320	70	22	98	0.3	3.1	122.9	0.7	-0.2	A N	1472
1501	4ACSR	37.0	24.9	0.0	A N	0	0	0	3	63	13	4	98	0.0	3.2	122.8	0.0	-0.3	A N	1501
150	4ACSR	42.1	24.9	0.0	A N	63	14	4	3	63	13	4	98	0.1	3.2	122.8	0.0	-1.0	A N	150
151	4ACSR	42.8	24.9	0.0	A N	145	33	10	10	211	46	15	98	0.3	3.5	122.5	0.5	-1.2	A N	151
1511	4ACSR	48.6	24.9	0.0	A N	66	15	5	3	66	14	5	98	0.1	3.5	122.5	0.0	-1.1	A N	1511
148	4ACSR	35.2	24.9	0.0	A N	4	1	0	5	101	17	7	99	0.2	2.6	123.4	0.2	-1.2	A N	148
1481	4ACSR	40.8	24.9	0.0	A N	31	7	2	5	97	17	7	98	0.1	2.7	123.3	0.1	-1.1	A N	1481
4222	4ACSR	41.1	24.9	0.0	A N	0	0	0	3	65	11	4	99	0.0	2.7	123.3	0.0	-0.1	A N	4222
422	4ACSR	45.2	24.9	0.0	A N	20	5	1	2	37	7	3	98	0.0	2.8	123.2	0.0	-0.8	A N	422
4221	4ACSR	49.2	24.9	0.0	A N	17	4	1	1	17	3	1	98	0.0	2.8	123.2	0.0	-0.8	A N	4221
417	4ACSR	47.1	24.9	0.0	A N	4	1	0	1	28	4	2	99	0.1	2.8	123.2	0.0	-1.2	A N	417
4171	4ACSR	52.9	24.9	0.0	A N	24	6	2	1	24	4	2	98	0.0	2.8	123.2	0.0	-1.1	A N	4171
152	4ACSR	18.4	24.9	0.0	A N	26	6	2	9	180	37	12	98	0.2	1.4	124.6	0.2	-0.5	A N	152
1521	4ACSR	22.3	24.9	0.0	A N	26	6	2	5	107	23	7	98	0.1	1.5	124.5	0.1	-0.7	A N	1521
1522	4ACSR	27.6	24.9	0.0	A N	80	19	6	4	80	17	6	98	0.1	1.6	124.4	0.0	-1.0	A N	1522
1523	4ACSR	23.6	24.9	0.0	A N	43	10	3	2	48	9	3	98	0.0	1.4	124.6	0.0	-1.0	A N	1523
1524	4ACSR	29.3	24.9	0.0	A N	5	1	0	0	5	-0	0	-100	0.0	1.4	124.6	0.0	-1.1	A N	1524
171	4ACSR	16.2	24.9	0.0	A N	68	16	5	6	125	27	9	98	0.1	1.1	124.9	0.1	-0.9	A N	171
1711	4ACSR	21.5	24.9	0.0	A N	57	13	4	3	57	12	4	98	0.1	1.1	124.9	0.0	-1.1	A N	1711
156	4ACSR	10.5	24.9	0.0	A N	90	21	6	9	184	35	12	98	0.1	0.8	125.2	0.1	-0.5	A N	156
1561	4ACSR	14.9	24.9	0.0	A N	14	3	1	5	94	15	6	99	0.1	0.9	125.1	0.1	-0.9	A N	1561
154	4ACSR	22.2	24.9	0.0	A N	26	6	2	2	36	5	2	99	0.1	1.0	125.0	0.0	-1.5	A N	154
1541	4ACSR	26.3	24.9	0.0	A N	8	2	1	0	8	1	1	99	0.0	1.0	125.0	0.0	-0.8	A N	1541
1542	4ACSR	27.7	24.9	0.0	A N	3	1	0	0	3	-0	0	-99	0.0	1.0	125.0	0.0	-1.1	A N	1542
155	4ACSR	20.2	24.9	0.0	A N	24	6	2	2	43	7	3	99	0.1	1.0	125.0	0.0	-1.0	A N	155
1551	4ACSR	23.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-33	-0.0	1.0	125.0	0.0	-0.7	A N	1551
1552	4ACSR	23.8	24.9	0.0	A N	19	4	1	1	19	4	1	98	0.0	1.0	125.0	0.0	-0.7	A N	1552

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********** Load-Flow Results For Sideview Ckt 2 **********
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Sideview Ckt 2

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					1361	277	61	98			126.0			ABCN	Feeder
168	4/0ACSR	3.0	12.5	0.0	ABCN	11	0	0	18	1361	277	61	98	0.4	0.4	125.6	3.8	4.3	ABCN	168
170	4/0ACSR	6.9	12.5	0.0	ABCN	95	18	4	18	1346	273	61	98	0.5	1.0	125.0	4.6	5.2	ABCN	170
1701	4/0ACSR	13.7	12.5	0.0	ABCN	72	14	3	17	1246	250	56	98	0.9	1.8	124.2	6.9	7.6	ABCN	1701
169	4/0ACSR	15.2	12.5	0.0	ABCN	13	2	1	10	753	147	34	98	0.1	1.9	124.1	0.6	0.5	ABCN	169
161	1/0ACSR	20.5	12.5	0.0	ABCN	78	15	4	15	740	144	34	98	0.7	2.6	123.4	3.5	1.7	ABCN	161
1611	1/0ACSR	26.5	12.5	0.0	ABCN	27	5	1	13	658	128	30	98	0.7	3.3	122.7	3.4	1.4	ABCN	1611
1612	1/0ACSR	31.6	12.5	0.0	ABCN	14	3	1	13	628	121	29	98	0.6	3.9	122.1	2.6	1.1	ABCN	1612
432	4ACSR	37.9	12.5	0.0	A N	28	5	4	5	55	10	8	98	0.3	4.5	121.5	0.1	-0.2	A N	432
4321	4ACSR	43.2	12.5	0.0	A N	27	5	4	3	27	5	4	98	0.1	4.6	121.4	0.0	-0.2	A N	4321
423	1/0ACSR	35.9	12.5	0.0	ABCN	27	5	1	11	557	107	26	98	0.4	4.3	121.7	1.7	0.5	ABCN	423
424	1/0ACSR	40.3	12.5	0.0	ABCN	64	12	3	11	527	101	25	98	0.4	4.7	121.3	1.5	0.4	ABCN	424
4241	1/0ACSR	45.6	12.5	0.0	ABCN	56	11	3	9	462	88	22	98	0.4	5.2	120.8	1.4	0.1	ABCN	4241
420	4ACSR	53.4	12.5	0.0	A N	108	21	15	11	109	21	15	98	0.6	6.2	119.8	0.5	-0.1	A N	420
425	1/0ACSR	52.0	12.5	0.0	ABCN	73	14	3	6	295	55	14	98	0.3	5.5	120.5	0.7	-0.6	ABCN	425
426	1/0ACSR	58.8	12.5	0.0	ABCN	111	21	5	2	112	20	5	98	0.1	5.5	120.5	0.2	-1.0	ABCN	426
421	2ACSR	59.1	12.5	0.0	A N	106	20	15	9	109	20	15	98	0.4	6.5	119.5	0.3	-0.1	A N	421
4211	4ACSR	66.6	12.5	0.0	A N	2	0	0	0	2	0	0	100	0.0	6.5	119.5	0.0	-0.3	A N	4211
172	4ACSR	16.2	12.5	0.0	A N	141	27	19	40	414	80	57	98	1.1	3.1	122.9	3.1	1.5	A N	172
1721	4ACSR	18.6	12.5	0.0	A N	0	0	0	27	270	51	37	98	0.8	3.9	122.1	1.7	0.8	A N	1721
173	4ACSR	23.8	12.5	0.0	A N	31	6	4	18	186	35	26	98	1.2	5.1	120.9	1.6	0.6	A N	173
1731	4ACSR	27.7	12.5	0.0	A N	88	17	12	9	88	17	12	98	0.2	5.4	120.6	0.2	-0.1	A N	1731
1732	4ACSR	27.7	12.5	0.0	A N	62	12	9	7	65	12	9	98	0.2	5.3	120.7	0.1	-0.1	A N	1732
1733	4ACSR	38.1	12.5	0.0	A N	3	1	0	0	3	0	0	100	0.0	5.3	120.7	0.0	-0.5	A N	1733
177	4ACSR	23.2	12.5	0.0	A N	52	10	7	8	82	15	11	98	0.3	4.3	121.7	0.2	-0.1	A N	177
1771	4ACSR	27.7	12.5	0.0	A N	30	6	4	3	30	6	4	98	0.1	4.4	121.6	0.0	-0.2	A N	1771

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1652	5	73	100			126.0			ABCN	Feeder
167	4/0ACSR	2.7	12.5	0.0	ABCN	36	7	2	21	1652	5	73	100	0.4	0.4	125.6	4.8	5.7	ABCN	167
176	6ACWC	8.6	12.5	0.0	ABCN	137	26	6	51	1611	-7	71	-100	3.1	3.4	122.6	38.3	12.3	ABCN	176
202	6ACWC	11.3	12.5	0.0	ABCN	53	10	2	39	1203	-89	55	-100	1.1	4.5	121.5	10.8	3.3	ABCN	202
2021	4ACSR	16.1	12.5	0.0	A N	66	13	9	7	66	13	9	98	0.2	5.2	120.8	0.1	-0.2	A N	2021
2022	6ACWC	15.6	12.5	0.0	ABCN	60	12	3	35	1072	-115	49	-99	1.5	6.0	120.0	13.7	4.0	ABCN	2022
Regulator	1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2022																			
	ABCN : Tap = 7 RAISE																			
Regulator			15.6	12.5	0.0	ABCN				47	999	-131	47	-99	-5.5	0.5	125.5	0.0	0.0	ABCN	Regulator
2023	6ACWC	21.5	12.5	0.0	ABCN	61	-311	14	32	999	-131	45	-99	1.9	2.5	123.5	15.3	4.3	ABCN	2023
Capacitor	(Wye-Gnd Connected) at Center of Section 2023																			
	ABCN : Nominal = 300 kvar Actual = 323 kvar																			
203	6ACWC	23.9	12.5	0.0	ABCN	68	13	3	13	406	73	19	98	0.3	2.8	123.2	1.0	-0.0	ABCN	203
204	4ACSR	28.7	12.5	0.0	A N	74	14	10	33	336	59	46	98	1.9	5.0	121.0	4.4	2.1	A N	204
2041	4ACSR	32.0	12.5	0.0	A N	84	16	12	26	258	43	36	99	0.9	5.9	120.1	1.7	0.7	A N	2041
453	4ACSR	34.4	12.5	0.0	A N	172	26	24	17	173	26	24	99	0.3	6.2	119.8	0.4	0.1	A N	453
211	6ACWC	26.0	12.5	0.0	ABCN	82	16	4	17	517	102	24	98	0.8	3.3	122.7	3.1	0.3	ABCN	211
2111	6ACWC	29.9	12.5	0.0	ABCN	120	23	6	14	431	86	20	98	0.5	3.8	122.2	1.8	0.0	ABCN	2111
208	4ACSR	34.5	12.5	0.0	A N	52	10	7	31	309	61	43	98	1.7	6.1	119.9	3.9	1.8	A N	208
2081	4ACSR	38.9	12.5	0.0	A N	252	49	36	26	253	49	36	98	0.8	6.9	119.1	1.5	0.6	A N	2081
201	4ACSR	14.2	12.5	0.0	A N	92	18	13	23	232	42	32	98	1.4	5.2	120.8	2.1	0.8	A N	201
2011	4ACSR	17.6	12.5	0.0	A N	4	1	1	14	138	23	19	99	0.6	5.8	120.2	0.6	0.2	A N	2011
2012	4ACSR	20.7	12.5	0.0	A N	60	9	8	6	60	9	8	99	0.1	5.9	120.1	0.1	-0.1	A N	2012
2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	7	72	13	10	98	0.3	6.1	119.9	0.2	-0.0	A N	2013
207	4ACSR	28.3	12.5	0.0	A N	43	8	6	7	72	13	10	98	0.5	6.6	119.4	0.3	-0.2	A N	207
210	4ACSR	35.4	12.5	0.0	A N	29	6	4	3	29	5	4	98	0.1	6.7	119.3	0.0	-0.3	A N	210

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********** Load-Flow Results For Sideview Ckt 4 **********
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Sideview Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1587	165	70	99			126.0			ABCN	Feeder
166	4/0ACSR	5.6	12.5	0.0	ABCN	13	2	1	21	1587	165	70	99	0.8	0.8	125.2	9.3	11.0	ABCN	166
1661	4/0ACSR	10.2	12.5	0.0	ABCN	38	7	2	21	1565	151	70	100	0.7	1.5	124.5	7.3	8.6	ABCN	1661
165	4/0ACSR	15.3	12.5	0.0	ABCN	30	6	1	15	1126	58	50	100	0.5	2.0	124.0	4.2	4.5	ABCN	165
1651	4/0ACSR	19.0	12.5	0.0	ABCN	5	-159	7	14	1092	48	49	100	0.4	2.4	123.6	3.1	3.2	ABCN	1651
Capacitor (Wye-Gnd Connected) at Center of Section 1651																				
ABCN : Nominal = 150 kvar Actual = 160 kvar																				
164	1/0ACSR	23.0	12.5	0.0	ABCN	8	2	0	7	362	66	17	98	0.3	2.6	123.4	0.7	-0.2	ABCN	164
158	4ACSR	29.3	12.5	0.0	A N	18	3	2	2	18	3	2	99	0.1	2.8	123.2	0.0	-0.3	A N	158
163	1/0ACSR	29.9	12.5	0.0	ABCN	48	9	2	7	336	62	15	98	0.4	3.0	123.0	0.9	-0.6	ABCN	163
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 163																				
ABCN : Tap = 4 RAISE																				
H Regulator		29.9	12.5	0.0	ABCN				13	287	53	13	98	-3.1	-0.0	126.0	0.0	-0.0	ABCN	Regulator
1631	1/0ACSR	31.2	12.5	0.0	ABCN	5	1	0	6	287	53	13	98	0.1	0.0	126.0	0.1	-0.2	ABCN	1631
24	6ACWC	34.7	12.5	0.0	ABCN	3	0	0	0	3	-0	0	-100	0.0	0.0	126.0	0.0	-0.6	ABCN	24
5	4ACSR	39.0	12.5	0.0	A N	82	15	11	27	279	52	38	98	2.4	2.6	123.4	4.3	1.9	A N	5
4	4ACSR	41.1	12.5	0.0	A N	47	9	6	15	148	27	20	98	0.3	2.9	123.1	0.3	0.1	A N	4
2	4ACSR	45.8	12.5	0.0	A N	25	5	3	7	68	12	9	98	0.4	3.3	122.7	0.2	-0.1	A N	2
2112	4ACSR	51.5	12.5	0.0	A N	43	8	6	4	43	8	6	98	0.2	3.4	122.6	0.1	-0.2	A N	2112
6	4ACSR	45.8	12.5	0.0	A N	33	6	5	3	33	6	4	98	0.1	3.0	123.0	0.0	-0.2	A N	6
3	2ACSR	43.6	12.5	0.0	A N	18	3	2	3	44	8	6	99	0.2	2.7	123.3	0.0	-0.2	A N	3
3111	2ACSR	48.3	12.5	0.0	A N	21	4	3	2	27	5	4	99	0.1	2.8	123.2	0.0	-0.2	A N	3111
3112	4ACSR	52.8	12.5	0.0	A N	6	1	1	1	6	1	1	99	0.0	2.8	123.2	0.0	-0.2	A N	3112
174	4ACSR	25.0	12.5	0.0	ABCN	41	8	2	24	721	138	33	98	1.6	4.0	122.0	9.1	2.0	ABCN	174
1741	4ACSR	31.0	12.5	0.0	ABCN	69	13	3	22	671	128	31	98	1.5	5.5	120.5	7.7	1.6	ABCN	1741
17411	336ACSR	33.6	12.5	0.0	ABCN	66	12	3	4	476	92	22	98	0.1	5.6	120.4	0.2	-0.1	ABCN	17411
1743	4ACSR	37.0	12.5	0.0	ABCN	16	3	1	14	409	79	19	98	0.5	6.1	119.9	1.8	0.0	ABCN	1743
213	4ACSR	39.1	12.5	0.0	ABCN	33	6	2	13	386	75	18	98	0.3	6.4	119.6	0.9	-0.0	ABCN	213
2131	4ACSR	39.9	12.5	0.0	ABCN	2	0	0	11	339	67	16	98	0.1	6.5	119.5	0.3	-0.0	ABCN	2131
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 215																				
A N : Tap = 9 RAISE																				
Regulator		39.9	12.5	0.0	A N				48	336	66	48	98	-6.7	0.3	125.7	-0.0	0.0	A N	Regulator
215	4ACSR	45.1	12.5	0.0	A N	30	6	4	32	336	66	45	98	2.1	2.4	123.6	5.2	2.5	A N	215
217	4ACSR	52.0	12.5	0.0	A N	19	4	3	25	251	48	35	98	2.2	4.7	121.3	4.1	1.8	A N	217
2171	4ACSR	57.8	12.5	0.0	A N	32	6	4	23	228	43	32	98	1.7	6.3	119.7	2.7	1.2	A N	2171
220	4ACSR	63.7	12.5	0.0	A N	130	24	19	13	131	24	19	98	0.5	6.8	119.2	0.5	0.0	A N	220
221	4ACSR	62.2	12.5	0.0	A N	51	10	7	6	63	11	9	98	0.2	6.5	119.5	0.1	-0.2	A N	221
2211	4ACSR	66.3	12.5	0.0	A N	12	2	2	1	12	2	2	99	0.0	6.6	119.4	0.0	-0.2	A N	2211
216	4ACSR	48.0	12.5	0.0	A N	50	9	7	5	50	9	7	98	0.1	2.5	123.5	0.0	-0.1	A N	216
214	4ACSR	44.5	12.5	0.0	A N	14	3	2	1	14	2	2	99	0.1	6.9	119.1	0.0	-0.2	A N	214
218	4ACSR	42.4	12.5	0.0	A N	5	1	1	0	5	1	1	99	0.0	6.6	119.4	0.0	-0.2	A N	218
1742	4ACSR	38.2	12.5	0.0	ABCN	117	22	6	4	118	21	6	98	0.2	5.7	120.3	0.5	-0.9	ABCN	1742
175	4ACSR	15.7	12.5	0.0	A N	60	11	8	38	393	77	54	98	2.6	4.1	121.9	7.2	3.5	A N	175
200	4ACSR	22.3	12.5	0.0	A N	51	10	7	32	327	62	45	98	2.6	6.8	119.2	6.2	2.9	A N	200
2001	4ACSR	29.3	12.5	0.0	A N	121	23	17	12	122	23	17	98	0.6	7.4	118.6	0.6	-0.0	A N	2001
2002	4ACSR	23.3	12.5	0.0	A N	6	1	1	15	147	27	21	98	0.2	7.0	119.0	0.2	0.1	A N	2002
206	4ACSR	27.1	12.5	0.0	A N	29	5	4	3	34	6	5	98	0.1	7.1	118.9	0.0	-0.2	A N	206
2061	4ACSR	32.9	12.5	0.0	A N	6	1	1	1	6	1	1	99	0.0	7.1	118.9	0.0	-0.3	A N	2061
2162	4ACSR	27.8	12.5	0.0	A N	22	4	3	11	107	20	15	98	0.6	7.6	118.4	0.4	0.0	A N	2162
2161	4ACSR	31.3	12.5	0.0	A N	84	16	12	9	84	16	12	98	0.2	7.8	118.2	0.1	-0.1	A N	2161

********** Load-Flow Results For Stanton Ckt 1 **********

Stanton Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2240	285	100	99			126.0			ABCN	Feeder
620	336ACSR	0.4	12.5	0.0	ABCN	3	2	0	19	2240	285	100	99	0.1	0.1	125.9	0.7	1.5	ABCN	620
62098	336ACSR	1.2	12.5	0.0	ABCN	9	5	0	18	2184	252	97	99	0.1	0.1	125.9	1.3	2.5	ABCN	62098
62096	336ACSR	1.7	12.5	0.0	ABCN	-0	-0	0	18	2164	240	96	99	0.1	0.2	125.8	0.8	1.7	ABCN	62096
62094	336ACSR	2.6	12.5	0.0	ABCN	22	12	1	18	2114	211	94	100	0.1	0.3	125.7	1.3	2.6	ABCN	62094
62092	336ACSR	3.1	12.5	0.0	ABCN	10	-324	14	17	2025	159	90	100	0.1	0.3	125.7	0.7	1.3	ABCN	62092
Capacitor (Wye-Gnd Connected) at Center of Section 62092																				
	ABCN : Nominal = 300 kvar					Actual = 329 kvar														
622	336ACSR	3.5	12.5	0.0	ABCN	10	5	0	12	1462	280	66	98	0.0	0.4	125.6	0.3	0.6	ABCN	622
6220	4ACSR	3.9	12.5	0.0	ABCN	70	-146	7	16	496	-48	22	-100	0.1	0.5	125.5	0.3	0.0	ABCN	6220
Capacitor (Wye-Gnd Connected) at Center of Section 6220																				
	ABCN : Nominal = 150 kvar					Actual = 164 kvar														
6221	4ACSR	4.4	12.5	0.0	ABCN	251	9	11	8	251	9	11	100	0.0	0.5	125.5	0.2	-0.0	ABCN	6221
623	397ACSR	4.2	12.5	0.0	ABCN	5	3	0	1	175	89	9	89	0.0	0.5	125.5	0.0	-0.1	ABCN	623
6223	2ACSR	4.7	12.5	0.0	A N	19	11	3	2	19	11	3	87	0.0	0.5	125.5	0.0	-0.0	A N	6223
6231	397ACSR	4.8	12.5	0.0	ABCN	-0	0	0	1	151	75	7	89	0.0	0.5	125.5	0.0	-0.1	ABCN	6231
6215	4ACSR	5.2	12.5	0.0	A N	17	9	3	2	17	9	3	87	0.0	0.5	125.5	0.0	-0.0	A N	6215
6232	397ACSR	5.7	12.5	0.0	ABCN	56	23	3	1	134	66	7	90	0.0	0.5	125.5	0.0	-0.2	ABCN	6232
6218	4ACSR	6.2	12.5	0.0	A N	67	38	10	7	67	38	10	87	0.0	0.5	125.5	0.0	-0.0	A N	6218
62321	336ACSR	5.9	12.5	0.0	ABCN	10	6	1	0	10	6	1	87	0.0	0.5	125.5	0.0	-0.0	ABCN	62321
625	336ACSR	4.3	12.5	0.0	ABCN	24	13	1	8	957	322	45	95	0.1	0.4	125.6	0.3	0.4	ABCN	625
6252	336ACSR	4.6	12.5	0.0	ABCN	21	12	1	2	276	86	13	95	0.0	0.4	125.6	0.0	-0.1	ABCN	6252
6250	4ACSR	6.5	12.5	0.0	A N	82	46	12	9	82	46	12	87	0.1	0.6	125.4	0.1	-0.1	A N	6250
6253	336ACSR	5.1	12.5	0.0	ABCN	43	24	2	0	52	29	3	87	0.0	0.4	125.6	0.0	-0.1	ABCN	6253
6254	4ACSR	5.6	12.5	0.0	A N	8	5	1	1	8	5	1	87	0.0	0.5	125.5	0.0	-0.0	A N	6254
6255	336ACSR	5.5	12.5	0.0	ABCN	122	0	5	1	122	-0	5	-100	0.0	0.4	125.6	0.0	-0.2	ABCN	6255
6251	4ACSR	5.6	12.5	0.0	A N	81	40	12	9	81	40	12	90	0.1	0.5	125.5	0.1	-0.0	A N	6251
6256	336ACSR	4.6	12.5	0.0	ABCN	70	11	3	5	576	182	27	95	0.0	0.5	125.5	0.0	0.0	ABCN	6256
62561	336ACSR	5.0	12.5	0.0	ABCN	46	14	2	3	330	73	15	98	0.0	0.5	125.5	0.0	-0.1	ABCN	62561
6257	4ACSR	5.8	12.5	0.0	A N	50	20	7	5	50	20	7	93	0.0	0.5	125.5	0.0	-0.0	A N	6257
6258	336ACSR	5.4	12.5	0.0	ABCN	13	2	1	2	234	40	11	99	0.0	0.5	125.5	0.0	-0.1	ABCN	6258
62513	336ACSR	5.9	12.5	0.0	ABCN	198	26	9	2	198	26	9	99	0.0	0.5	125.5	0.0	-0.1	ABCN	62513
62510	6ACWC	5.7	12.5	0.0	A N	23	13	3	2	23	13	3	87	0.0	0.5	125.5	0.0	-0.0	A N	62510
6259	2ACSR	5.6	12.5	0.0	A N	72	40	11	15	176	98	27	87	0.2	0.6	125.4	0.2	0.1	A N	6259
62511	4ACSR	6.6	12.5	0.0	A N	8	5	1	11	103	58	16	87	0.1	0.8	125.2	0.1	0.0	A N	62511
62512	4ACSR	7.7	12.5	0.0	A N	95	53	14	10	95	53	14	87	0.1	0.8	125.2	0.1	-0.0	A N	62512
6222	336ACSR	3.4	12.5	0.0	ABCN	48	27	2	5	552	201	26	94	0.0	0.4	125.6	0.0	0.0	ABCN	6222
621	336ACSR	3.8	12.5	0.0	ABCN	22	13	1	4	479	161	22	95	0.0	0.4	125.6	0.0	-0.0	ABCN	621
6210	4ACSR	4.2	12.5	0.0	A N	21	11	3	2	21	11	3	87	0.0	0.4	125.6	0.0	-0.0	A N	6210
6213	336ACSR	4.1	12.5	0.0	ABCN	93	19	4	3	292	87	13	96	0.0	0.4	125.6	0.0	-0.0	ABCN	6213
6212	4ACSR	4.9	12.5	0.0	A N	90	50	14	10	90	50	14	87	0.1	0.4	125.6	0.0	-0.0	A N	6212
6214	336ACSR	4.7	12.5	0.0	ABCN	101	16	5	1	108	19	5	99	0.0	0.4	125.6	0.0	-0.1	ABCN	6214
6216	4ACSR	5.1	12.5	0.0	A N	8	3	1	1	8	3	1	93	0.0	0.4	125.6	0.0	-0.0	A N	6216
6217	336ACSR	4.9	12.5	0.0	ABCN	0	-0	0	0	0	-0	0	0	-0.0	0.4	125.6	0.0	-0.0	ABCN	6217
62171	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.4	125.6	0.0	-0.0	ABCN	62171
6211	4ACSR	5.1	12.5	0.0	A N	145	49	20	14	145	49	20	95	0.1	0.5	125.5	0.1	0.0	A N	6211
6219	2ACSR	3.8	12.5	0.0	A N	24	13	4	2	24	13	4	87	0.0	0.4	125.6	0.0	-0.0	A N	6219
62093	4ACSR	3.4	12.5	0.0	A N	67	37	10	7	67	37	10	87	0.0	0.3	125.7	0.0	-0.0	A N	62093
62095	4ACSR	2.9	12.5	0.0	A N	49	27	7	5	49	27	7	87	0.0	0.2	125.8	0.0	-0.1	A N	62095
62097	4ACSR	1.9	12.5	0.0	A N	10	6	2	1	10	6	2	87	0.0	0.1	125.9	0.0	-0.0	A N	62097
62099	4ACSR	2.5	12.5	0.0	A N	52	29	8	6	52	29	8	87	0.1	0.1	125.9	0.0	-0.1	A N	62099

********** Load-Flow Results For Stanton Ckt 2 **********

Stanton Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2417	510	109	98			126.0			ABCN	Feeder
609	336ACSR	0.4	12.5	0.0	ABCN	0	0	0	21	2417	510	109	98	0.1	0.1	125.9	0.9	1.7	ABCN	609
6090	336ACSR	2.6	12.5	0.0	ABCN	-0	-0	0	21	2416	508	109	98	0.3	0.4	125.6	4.5	8.9	ABCN	6090
60900	336ACSR	3.0	12.5	0.0	ABCN	0	0	0	21	2412	500	109	98	0.1	0.4	125.6	0.9	1.9	ABCN	60900
6091	336ACSR	3.4	12.5	0.0	ABCN	-0	0	0	21	2411	498	109	98	0.1	0.5	125.5	0.8	1.7	ABCN	6091
60921	336ACSR	3.6	12.5	0.0	ABCN	-0	0	0	21	2410	496	109	98	0.0	0.5	125.5	0.3	0.6	ABCN	60921
6092	336ACSR	3.9	12.5	0.0	ABCN	3	2	0	21	2409	495	109	98	0.0	0.6	125.4	0.6	1.1	ABCN	6092
624	336ACSR	6.1	12.5	0.0	ABCN	121	-139	8	21	2406	493	109	98	0.3	0.9	125.1	4.5	9.0	ABCN	624
Capacitor (Wye-Gnd Connected) at Center of Section 624																				
	ABCN : Nominal = 150 kvar					Actual = 163 kvar														
648	4/0ACSR	6.6	12.5	0.0	ABCN	94	28	4	13	1010	94	45	100	0.0	1.0	125.0	0.3	0.3	ABCN	648
6480	4ACSR	8.0	12.5	0.0	ABCN	180	18	8	6	180	18	8	99	0.0	1.0	125.0	0.2	-0.1	ABCN	6480
6483	1/0ACSR	6.9	12.5	0.0	ABCN	2	1	0	14	736	48	33	100	0.0	1.0	125.0	0.2	0.1	ABCN	6483
6481	1/0ACSR	7.8	12.5	0.0	ABCN	287	15	13	14	706	32	31	100	0.1	1.1	124.9	0.5	0.3	ABCN	6481
649	1/0ACSR	8.1	12.5	0.0	ABCN	125	3	6	8	419	17	19	100	0.0	1.1	124.9	0.1	-0.0	ABCN	649
6493	1/0ACSR	8.4	12.5	0.0	ABCN	-0	0	0	6	294	14	13	100	0.0	1.1	124.9	0.0	-0.0	ABCN	6493
6490	1/0ACSR	8.7	12.5	0.0	ABCN	124	5	6	4	228	9	10	100	0.0	1.1	124.9	0.0	-0.0	ABCN	6490
6491	1/0ACSR	9.4	12.5	0.0	ABCN	104	4	5	2	104	3	5	100	0.0	1.1	124.9	0.0	-0.1	ABCN	6491
6492	1/0ACSR	9.2	12.5	0.0	ABCN	66	5	3	1	66	5	3	100	0.0	1.1	124.9	0.0	-0.2	ABCN	6492
6482	4ACSR	7.6	12.5	0.0	A N	27	14	4	3	27	14	4	88	0.0	1.0	125.0	0.0	-0.0	A N	6482
627	1/0CU	6.7	12.5	0.0	ABCN	-0	0	0	20	1270	529	61	92	0.1	1.0	125.0	0.7	0.8	ABCN	627
6270	1/0CU	7.2	12.5	0.0	ABCN	9	5	0	19	1226	505	59	92	0.1	1.1	124.9	0.6	0.6	ABCN	6270
6271	1/0CU	7.6	12.5	0.0	ABCN	11	6	1	17	1060	462	51	92	0.1	1.1	124.9	0.3	0.3	ABCN	6271
6278	1/0CU	9.0	12.5	0.0	ABCN	64	34	3	14	897	379	43	92	0.2	1.3	124.7	0.9	0.8	ABCN	6278
6279	1/0CU	9.7	12.5	0.0	ABCN	8	4	0	2	169	20	8	99	0.0	1.3	124.7	0.0	-0.1	ABCN	6279
6280	4ACSR	10.9	12.5	0.0	A N	23	12	3	2	23	12	3	89	0.0	1.4	124.6	0.0	-0.1	A N	6280
6281	1/0CU	10.3	12.5	0.0	ABCN	139	4	6	2	139	4	6	100	0.0	1.3	124.7	0.0	-0.1	ABCN	6281
6282	1/0CU	9.8	12.5	0.0	ABCN	4	2	0	11	662	325	33	90	0.1	1.4	124.6	0.3	0.2	ABCN	6282
747	1/0CU	10.5	12.5	0.0	ABCN	6	3	0	10	599	292	30	90	0.1	1.4	124.6	0.2	0.1	ABCN	747
7472	1/0CU	11.3	12.5	0.0	ABCN	0	0	0	8	478	239	24	89	0.1	1.5	124.5	0.2	0.0	ABCN	7472
7473	1/0CU	12.3	12.5	0.0	ABCN	60	26	3	1	60	26	3	92	0.0	1.5	124.5	0.0	-0.2	ABCN	7473
7475	1/0CU	11.7	12.5	0.0	ABCN	-0	0	0	7	418	214	21	89	0.0	1.5	124.5	0.1	-0.0	ABCN	7475
7474	1/0EPR	12.1	12.5	0.0	A N	119	63	18	9	119	63	18	88	0.1	1.6	124.4	0.1	0.0	A N	7474
7476	1/0CU	16.0	12.5	0.0	ABCN	26	14	1	5	299	151	15	89	0.2	1.7	124.3	0.3	-0.4	ABCN	7476
750	4ACSR	18.9	12.5	0.0	ABCN	42	17	2	1	42	16	2	93	0.0	1.7	124.3	0.0	-0.5	ABCN	750
757	6ACWC	20.0	12.5	0.0	A N	153	81	23	25	230	121	35	89	0.9	2.6	123.4	1.3	0.6	A N	757
7571	2ACSR	21.9	12.5	0.0	A N	51	27	8	4	51	27	8	88	0.1	2.7	123.3	0.0	-0.1	A N	7571
7572	4ACSR	32.0	12.5	0.0	A N	24	13	4	3	25	12	4	89	0.2	2.9	123.1	0.0	-0.6	A N	7572
7470	1/0CU	11.4	12.5	0.0	ABCN	77	29	4	2	115	49	6	92	0.0	1.4	124.6	0.0	-0.2	ABCN	7470
7471	1/0CU	14.3	12.5	0.0	A N	38	20	6	2	38	20	6	89	0.0	1.5	124.5	0.0	-0.1	A N	7471
630	4ACSR	12.2	12.5	0.0	A N	9	5	1	6	59	31	9	89	0.2	1.6	124.4	0.1	-0.1	A N	630
6300	4ACSR	14.0	12.5	0.0	A N	16	9	2	2	16	9	2	89	0.0	1.6	124.4	0.0	-0.1	A N	6300
6301	4ACSR	13.2	12.5	0.0	A N	34	18	5	4	34	18	5	88	0.0	1.6	124.4	0.0	-0.0	A N	6301
6272	1/0CU	7.9	12.5	0.0	AB N	32	17	2	4	152	77	11	89	0.0	1.1	124.9	0.0	-0.0	AB N	6272
6274	1/0CU	8.3	12.5	0.0	AB N	11	2	1	3	120	60	9	90	0.0	1.2	124.8	0.0	-0.0	AB N	6274
6275	6ACWC	9.7	12.5	0.0	A N	110	58	17	12	110	58	17	88	0.1	1.3	124.7	0.1	-0.0	A N	6275
6276	1/0CU	8.1	12.5	0.0	AB N	105	11	7	3	156	38	11	97	0.0	1.1	124.9	0.0	-0.1	AB N	6276
6277	6ACWC	11.7	12.5	0.0	A N	50	27	8	5	50	26	8	89	0.1	1.3	124.7	0.1	-0.2	A N	6277
6273	6ACWC	7.9	12.5	0.0	A N	44	23	7	5	44	23	7	88	0.0	1.1	124.9	0.0	-0.1	A N	6273

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********** Load-Flow Results For Stanton Ckt 3 **********
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Stanton Ckt 3

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2084	-59	92	-100			126.0			ABCN	Feeder
	631	397ACSR	1.7	12.5	0.0	ABCN	243	-141	12	16	2084	-59	92	-100	0.1	0.1	125.9	2.0	4.4	ABCN	631
Capacitor (Wye-Gnd Connected) at Center of Section 631																					
		ABCN : Nominal = 150 kvar					Actual = 165 kvar														
	6312	397ACSR	4.3	12.5	0.0	ABCN	4	2	0	14	1840	77	81	100	0.2	0.3	125.7	2.5	5.6	ABCN	6312
	618	1/0ACSR	5.1	12.5	0.0	ABCN	26	14	1	23	1184	191	53	99	0.2	0.5	125.5	1.4	0.9	ABCN	618
	6180	4ACSR	6.6	12.5	0.0	A N	50	28	8	5	50	28	8	88	0.1	0.6	125.4	0.0	-0.1	A N	6180
	6181	1/0ACSR	5.6	12.5	0.0	ABCN	46	25	2	21	1107	148	49	99	0.1	0.6	125.4	0.7	0.4	ABCN	6181
	6182	1/0ACSR	6.3	12.5	0.0	ABCN	-0	0	0	21	1060	122	47	99	0.1	0.7	125.3	1.0	0.6	ABCN	6182
	629	1/0ACSR	9.7	12.5	0.0	ABCN	34	19	2	16	837	-1	37	-100	0.4	1.1	124.9	2.9	1.5	ABCN	629
	6291	1/0ACSR	11.4	12.5	0.0	ABCN	-0	-0	0	15	763	-42	34	-100	0.2	1.3	124.7	1.2	0.6	ABCN	6291
	62911	1/0ACSR	11.4	12.5	0.0	ABCN	0	-324	14	15	762	-42	34	-100	0.0	1.3	124.7	0.0	0.0	ABCN	62911
Capacitor (Wye-Gnd Connected) at Center of Section 62911																					
		ABCN : Nominal = 300 kvar					Actual = 324 kvar														
	6292	1/0ACSR	12.3	12.5	0.0	ABCN	124	1	6	2	124	1	6	100	0.0	1.3	124.7	0.0	-0.1	ABCN	6292
	6293	1/0ACSR	12.6	12.5	0.0	ABCN	93	13	4	13	638	281	31	92	0.1	1.5	124.5	0.6	0.3	ABCN	6293
	626	4ACSR	13.5	12.5	0.0	ABCN	21	11	1	19	541	266	27	90	0.2	1.7	124.3	0.9	0.1	ABCN	626
	6261	4ACSR	14.3	12.5	0.0	ABCN	21	1	1	6	178	87	9	90	0.1	1.7	124.3	0.1	-0.1	ABCN	6261
	6263	4ACSR	15.5	12.5	0.0	A N	12	7	2	17	156	86	24	88	0.3	2.1	123.9	0.3	0.1	A N	6263
	6264	2ACSR	17.5	12.5	0.0	A N	37	20	6	3	37	20	6	88	0.0	2.2	123.8	0.0	-0.1	A N	6264
	6265	4ACSR	16.6	12.5	0.0	A N	15	8	2	12	107	59	16	88	0.2	2.3	123.7	0.1	0.0	A N	6265
	6266	4ACSR	17.9	12.5	0.0	A N	12	6	2	1	12	6	2	88	0.0	2.3	123.7	0.0	-0.1	A N	6266
	6267	4ACSR	19.4	12.5	0.0	A N	18	10	3	9	81	44	12	88	0.3	2.6	123.4	0.2	-0.0	A N	6267
	6268	2ACSR	21.0	12.5	0.0	A N	0	0	0	5	63	34	10	88	0.1	2.7	123.3	0.1	-0.0	A N	6268
	6322	4ACSR	26.7	12.5	0.0	A N	63	35	10	7	63	34	10	88	0.3	3.0	123.0	0.1	-0.2	A N	6322
	6262	4ACSR	14.5	12.5	0.0	ABCN	30	5	1	12	342	167	17	90	0.1	1.8	124.2	0.4	-0.0	ABCN	6262
	651	336ACSR	19.8	12.5	0.0	ABCN	71	39	4	3	311	162	16	89	0.1	1.9	124.1	0.2	-0.7	ABCN	651
	6510	6ACWC	24.5	12.5	0.0	A N	47	18	7	26	240	123	36	89	1.5	3.6	122.4	2.5	1.3	A N	6510
	643	4ACSR	29.4	12.5	0.0	A N	32	18	5	21	190	104	30	88	1.4	5.0	121.0	2.0	0.8	A N	643
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 643																					
		A N : Tap = 6			RAISE																
	Regulator			29.4	12.5	0.0	A N				25	157	85	25	88	-4.5	0.4	125.6	0.0	0.0	A N	Regulator
	6431	4ACSR	32.4	12.5	0.0	A N	26	15	4	17	157	85	24	88	0.6	1.1	124.9	0.7	0.2	A N	6431
	6421	4ACSR	34.7	12.5	0.0	A N	13	7	2	1	13	7	2	88	0.0	1.1	124.9	0.0	-0.1	A N	6421
	644	6ACWC	37.4	12.5	0.0	A N	57	32	9	13	116	63	18	88	0.6	1.7	124.3	0.5	0.0	A N	644
	645	4ACSR	39.9	12.5	0.0	A N	8	4	1	1	8	4	1	88	0.0	1.7	124.3	0.0	-0.1	A N	645
	6530	4ACSR	39.5	12.5	0.0	A N	7	4	1	5	50	27	8	88	0.1	1.8	124.2	0.1	-0.1	A N	6530
	6531	4ACSR	47.5	12.5	0.0	A N	30	17	5	3	30	16	5	88	0.2	2.0	124.0	0.0	-0.4	A N	6531
	653	4ACSR	43.2	12.5	0.0	A N	13	7	2	1	13	7	2	88	0.0	1.9	124.1	0.0	-0.2	A N	653
	6294	1/0ACSR	12.9	12.5	0.0	ABCN	3	2	0	0	3	2	0	88	0.0	1.5	124.5	0.0	-0.1	ABCN	6294
	6290	1/0ACSR	11.3	12.5	0.0	A N	37	21	6	2	37	21	6	88	0.0	1.2	124.8	0.0	-0.1	A N	6290
	632	4ACSR	7.6	12.5	0.0	A N	2	1	0	24	223	122	34	88	0.4	1.2	124.8	0.8	0.4	A N	632
	6321	4ACSR	11.1	12.5	0.0	A N	62	34	9	24	220	121	33	88	1.0	2.2	123.8	1.6	0.7	A N	6321
	6323	4ACSR	14.4	12.5	0.0	A N	79	44	12	17	157	86	24	88	0.6	2.8	123.2	0.6	0.2	A N	6323
	642	4ACSR	21.9	12.5	0.0	A N	37	21	6	5	44	24	7	88	0.3	3.1	122.9	0.1	-0.3	A N	642
	6422	4ACSR	25.4	12.5	0.0	A N	7	4	1	1	7	4	1	88	0.0	3.1	122.9	0.0	-0.2	A N	6422
	652	4ACSR	18.8	12.5	0.0	A N	33	18	5	4	33	18	5	88	0.1	2.9	123.1	0.0	-0.2	A N	652
	616	336ACSR	9.4	12.5	0.0	ABCN	0	0	0	6	650	-121	29	-98	0.1	0.4	125.6	0.8	0.5	ABCN	616
	6161	336ACSR	11.7	12.5	0.0	ABCN	639	-127	29	6	649	-122	29	-98	0.0	0.4	125.6	0.7	1.2	ABCN	6161
Capacitor (Wye-Gnd Connected) at Center of Section 6161																					
		ABCN : Nominal = 150 kvar					Actual = 164 kvar														
	6162	336ACSR	13.0	12.5	0.0	ABCN	9	5	0	0	9	4	0	91	0.0	0.4	125.6	0.0	-0.3	ABCN	6162
	6163	4ACSR	15.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-98	0.0	0.6	125.4	0.0	-0.1	A N	6163
	6164	336ACSR	15.8	12.5	0.0	ABCN	1	0	0	0	1	-0	0	-92	0.0	0.4	125.6	0.0	-0.6	ABCN	6164

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********** Load-Flow Results For Stanton Ckt 4 **********
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Stanton Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					4925	664	219	99			126.0			ABCN	Feeder
619	397ACSR	0.4	12.5	0.0	ABCN	5	2	0	37	4925	664	219	99	0.1	0.1	125.9	2.5	6.0	ABCN	619
6190	397ACSR	1.2	12.5	0.0	ABCN	326	5	14	2	327	5	14	100	0.0	0.1	125.9	0.1	-0.0	ABCN	6190
6191	397ACSR	1.5	12.5	0.0	ABCN	8	4	0	35	4592	651	205	99	0.2	0.3	125.7	6.7	16.2	ABCN	6191
6192	4ACSR	3.4	12.5	0.0	A N	209	89	30	22	209	89	30	92	0.3	0.6	125.4	0.5	0.1	A N	6192
6193	397ACSR	2.2	12.5	0.0	ABCN	3	-327	14	33	4367	542	195	99	0.2	0.5	125.5	4.2	10.1	ABCN	6193
Capacitor (Wye-Gnd Connected) at Center of Section 6193																				
	ABCN : Nominal = 300 kvar						Actual = 329 kvar													
612	336ACSR	3.0	12.5	0.0	ABCN	4	2	0	35	4102	746	185	98	0.2	0.7	125.3	4.9	10.0	ABCN	612
6125	336ACSR	3.7	12.5	0.0	ABCN	27	14	1	32	3834	604	172	99	0.1	0.8	125.2	3.3	6.8	ABCN	6125
6126	4ACSR	4.4	12.5	0.0	A N	42	21	6	4	42	21	6	89	0.0	0.9	125.1	0.0	-0.0	A N	6126
6127	336ACSR	4.0	12.5	0.0	ABCN	34	17	2	32	3761	562	169	99	0.1	0.9	125.1	1.4	2.9	ABCN	6127
6131	336ACSR	5.8	12.5	0.0	ABCN	135	61	7	31	3612	514	162	99	0.4	1.3	124.7	8.1	16.6	ABCN	6131
6132	336ACSR	6.7	12.5	0.0	ABCN	23	12	1	29	3469	437	156	99	0.2	1.4	124.6	3.6	7.3	ABCN	6132
61321	336ACSR	6.7	12.5	0.0	ABCN	-0	-0	0	29	3442	418	155	99	0.0	1.4	124.6	0.3	0.6	ABCN	61321
6133	397ACSR	6.9	12.5	0.0	ABCN	65	28	3	26	3442	417	155	99	0.0	1.5	124.5	0.8	1.8	ABCN	6133
6134	397ACSR	7.7	12.5	0.0	ABCN	19	10	1	26	3377	387	152	99	0.1	1.6	124.4	2.5	6.0	ABCN	6134
6136	397ACSR	8.6	12.5	0.0	ABCN	5	3	0	24	3122	253	140	100	0.1	1.7	124.3	2.6	6.0	ABCN	6136
614	397ACSR	12.6	12.5	0.0	ABCN	19	10	1	24	3114	245	140	100	0.5	2.2	123.8	11.4	26.9	ABCN	614
564	397ACSR	12.8	12.5	0.0	ABCN	14	7	1	18	2346	-162	106	-100	0.0	2.2	123.8	0.4	0.9	ABCN	564
5642	397ACSR	15.7	12.5	0.0	ABCN	827	15	37	16	2140	-267	97	-99	0.1	2.4	123.6	3.8	8.8	ABCN	5642
5643	6ACWC	17.3	12.5	0.0	ABCN	37	19	2	43	1310	-291	60	-98	0.7	3.0	123.0	8.2	2.5	ABCN	5643
5645	6ACWC	19.3	12.5	0.0	ABCN	58	-597	27	41	1213	-338	57	-96	0.8	3.8	122.2	8.2	2.5	ABCN	5645
Capacitor (Wye-Gnd Connected) at Center of Section 5645																				
	ABCN : Nominal = 600 kvar						Actual = 626 kvar													
5646	6ACWC	21.8	12.5	0.0	A N	59	30	9	24	217	110	33	89	0.7	4.8	121.2	1.0	0.5	A N	5646
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5646																				
	A N : Tap = 7 RAISE																			
H Regulator		21.8	12.5	0.0	A N				24	157	79	24	89	-5.3	-0.5	126.5	0.0	0.0	A N	Regulator
H 5648	2ACSR	23.8	12.5	0.0	A N	33	17	5	3	33	17	5	89	0.0	-0.4	126.4	0.0	-0.1	A N	5648
H 5647	6ACWC	24.2	12.5	0.0	A N	123	62	18	13	124	62	18	89	0.2	-0.3	126.3	0.2	-0.0	A N	5647
5649	1/0ACSR	21.5	12.5	0.0	ABCN	212	23	10	19	929	144	43	99	0.3	4.2	121.8	2.3	1.4	ABCN	5649
56491	2ACSR	25.6	12.5	0.0	A N	99	50	15	8	99	50	15	89	0.2	4.8	121.2	0.2	-0.1	A N	56491
5650	1/0ACSR	23.8	12.5	0.0	ABCN	81	41	4	12	616	69	28	99	0.2	4.4	121.6	1.0	0.4	ABCN	5650
5652	1/0ACSR	25.9	12.5	0.0	ABCN	138	16	6	11	533	27	24	100	0.2	4.5	121.5	0.7	0.2	ABCN	5652
5653	1/0ACSR	29.2	12.5	0.0	ABCN	392	8	18	8	393	9	18	100	0.1	4.7	121.3	1.3	0.7	ABCN	5653
5644	6ACWC	19.6	12.5	0.0	A N	51	26	8	6	51	26	8	89	0.1	3.4	122.6	0.0	-0.1	A N	5644
5640	4ACSR	15.5	12.5	0.0	A N	83	42	13	21	191	96	29	89	0.6	2.9	123.1	0.8	0.3	A N	5640
5641	4ACSR	19.2	12.5	0.0	A N	107	54	16	12	107	54	16	89	0.3	3.2	122.8	0.3	-0.0	A N	5641
615	336ACSR	15.9	12.5	0.0	ABCN	28	14	1	4	412	207	21	89	0.1	2.3	123.7	0.2	-0.2	ABCN	615
6150	4ACSR	21.1	12.5	0.0	A N	101	51	15	11	101	51	15	89	0.4	2.8	123.2	0.3	-0.1	A N	6150
6151	336ACSR	18.4	12.5	0.0	ABCN	18	9	1	3	283	142	14	89	0.1	2.4	123.6	0.1	-0.3	ABCN	6151
745	4ACSR	22.7	12.5	0.0	A N	27	14	4	22	207	104	31	89	1.3	3.8	122.2	2.0	0.8	A N	745
7450	4ACSR	30.3	12.5	0.0	A N	115	58	18	13	116	58	18	89	0.7	4.4	121.6	0.6	-0.0	A N	7450
7451	4ACSR	33.5	12.5	0.0	A N	62	31	9	7	62	31	9	90	0.5	4.3	121.7	0.3	-0.4	A N	7451
758	4ACSR	23.1	12.5	0.0	A N	58	29	9	6	59	29	9	89	0.2	2.7	123.3	0.1	-0.2	A N	758
7580	4ACSR	26.4	12.5	0.0	A N	1	0	0	0	1	0	0	97	0.0	2.7	123.3	0.0	-0.2	A N	7580
562	336ACSR	14.2	12.5	0.0	ABCN	12	6	1	3	325	163	16	89	0.0	2.3	123.7	0.1	-0.2	ABCN	562
5621	4ACSR	17.8	12.5	0.0	A N	32	16	5	28	263	132	40	89	1.3	3.7	122.3	2.6	1.2	A N	5621
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5621																				
	A N : Tap = 5 RAISE																			
H Regulator		17.8	12.5	0.0	A N				35	228	115	35	89	-3.8	-0.1	126.1	0.0	0.0	A N	Regulator
56225	4ACSR	19.5	12.5	0.0	A N	4	2	1	24	228	115	34	89	0.6	0.4	125.6	1.0	0.4	A N	56225
5622	6ACWC	20.5	12.5	0.0	A N	55	28	8	24	222	112	33	89	0.3	0.7	125.3	0.4	0.2	A N	5622
5623	4ACSR	26.3	12.5	0.0	A N	49	25	7	18	167	84	25	89	1.2	1.9	124.1	1.4	0.5	A N	5623
5624	4ACSR	29.6	12.5	0.0	A N	79	40	12	9	79	40	12	89	0.2	2.1	123.9	0.1	-0.1	A N	5624
5625	4ACSR	28.1	12.5	0.0	A N	37	19	6	4	37	19	6	89	0.1	2.0	124.0	0.0	-0.1	A N	5625
5620	4ACSR	17.9	12.5	0.0	A N	50	25	8	5	50	25	8	89	0.1	2.5	123.5	0.1	-0.2	A N	5620
6135	4ACSR	11.9	12.5	0.0	A N	232	117	35	25	233	118	35	89	0.7	2.4	123.6	1.4	0.5	A N	6135
6128	4ACSR	5.0	12.5	0.0	ABCN	91	17	4	4	114	28	5	97	0.0	0.9	125.1	0.1	-0.2	ABCN	6128
6129	4ACSR	6.9	12.5	0.0	A N	22	11	3	2	22	11	3	89	0.0	1.0	125.0	0.0	-0.1	A N	6129

Stanton Ckt 4

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	Losses KW	KVAR	Phs Cfg	Section
6120	6ACWC		3.9	12.5	0.0	ABCN	17	9	1	9	259	130	13	89	0.1	0.8	125.2	0.2	-0.1	ABCN	6120
6121	6ACWC		5.1	12.5	0.0	A N	77	39	11	8	77	39	11	89	0.1	0.9	125.1	0.0	-0.0	A N	6121
6122	6ACWC		4.8	12.5	0.0	ABCN	11	6	1	6	165	83	8	89	0.1	0.8	125.2	0.1	-0.1	ABCN	6122
61221	6ACWC		5.2	12.5	0.0	ABCN	9	5	0	4	101	51	5	89	0.0	0.8	125.2	0.0	-0.1	ABCN	61221
6123	6ACWC		7.3	12.5	0.0	A N	48	24	7	5	48	24	7	89	0.1	0.9	125.1	0.0	-0.1	A N	6123
6124	6ACWC		8.1	12.5	0.0	A N	44	22	7	5	44	22	7	89	0.1	1.0	125.0	0.0	-0.1	A N	6124
6138	6ACWC		6.1	12.5	0.0	ABCN	53	27	3	2	53	26	3	89	0.0	0.8	125.2	0.0	-0.2	ABCN	6138
6130	4ACSR		3.5	12.5	0.0	A N	246	108	36	26	247	108	36	92	0.2	0.7	125.3	0.5	0.2	A N	6130
6137	397ACSR		4.1	12.5	0.0	ABCN	10	5	0	0	11	4	1	94	0.0	0.5	125.5	0.0	-0.4	ABCN	6137
6789	336ACSR		9.3	12.5	0.0	ABCN	1	1	0	0	1	-0	0	-97	0.0	0.5	125.5	0.0	-1.1	ABCN	6789

********** Load Flow Results For Three Forks Ckt 1 **********

Three Forks Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				24.9	0.0	ABCN					2303	331	51	99			126.0			ABCN	Feeder
111	1/0ACSR	7.8	24.9	0.0	ABCN	56	9	1	22	2303	331	51	99	0.8	0.8	125.2	12.8	3.7	ABCN	111
11111	1/0ACSR	12.8	24.9	0.0	ABCN	27	4	1	22	2234	319	50	99	0.5	1.3	124.7	7.9	2.2	ABCN	11111
106	1/0ACSR	19.6	24.9	0.0	ABCN	23	4	1	20	2016	285	45	99	0.6	1.9	124.1	8.8	1.6	ABCN	106
10619	1/0ACSR	22.7	24.9	0.0	ABCN	-0	0	0	16	1613	227	37	99	0.2	2.1	123.9	2.6	-0.3	ABCN	10619
102	6ACWC	30.2	24.9	0.0	A N	63	10	4	3	63	9	4	99	0.1	2.2	123.8	0.0	-1.4	A N	102
108	1/0ACSR	24.9	24.9	0.0	ABCN	10	2	0	15	1547	219	35	99	0.1	2.2	123.8	1.7	-0.3	ABCN	108
103	4ACSR	31.1	24.9	0.0	A N	64	10	4	3	64	9	4	99	0.1	2.3	123.7	0.0	-1.2	A N	103
79	1/0ACSR	28.0	24.9	0.0	ABCN	3	0	0	15	1472	209	33	99	0.2	2.4	123.6	2.2	-0.6	ABCN	79
100	1/0ACSR	29.7	24.9	0.0	ABCN	71	11	2	15	1466	209	33	99	0.1	2.5	123.5	1.2	-0.4	ABCN	100
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																					
	ABCN : Tap = 3 RAISE																				
Regulator			29.7	24.9	0.0	ABCN				32	1394	198	32	99	-2.3	0.2	125.6	0.0	0.0	ABCN	Regulator
10099	1/0ACSR	32.5	24.9	0.0	ABCN	0	0	0	14	1394	198	31	99	0.2	0.4	125.6	1.7	-0.8	ABCN	10099
73	397ACSR	35.7	24.9	0.0	ABCN	167	26	4	3	747	102	17	99	0.0	0.4	125.6	0.1	-2.5	ABCN	73
7398	397ACSR	41.3	24.9	0.0	ABCN	226	36	5	2	484	63	11	99	0.0	0.4	125.6	0.1	-4.6	ABCN	7398
67	397ACSR	43.2	24.9	0.0	ABCN	104	16	2	1	205	24	5	99	0.0	0.4	125.6	0.0	-1.6	ABCN	67
6798	397ACSR	49.8	24.9	0.0	ABCN	50	8	1	0	50	2	1	100	0.0	0.4	125.6	0.0	-5.7	ABCN	6798
6799	4ACSR	47.5	24.9	0.0	A N	50	8	3	2	50	7	3	99	0.0	0.6	125.4	0.0	-0.9	A N	6799
7397	4ACSR	45.1	24.9	0.0	A N	52	8	4	2	52	7	3	99	0.0	0.6	125.4	0.0	-0.8	A N	7397
7399	397ACSR	37.0	24.9	0.0	A N	96	15	6	1	96	15	6	99	0.0	0.5	125.5	0.0	-0.3	A N	7399
76	4ACSR	37.4	24.9	0.0	A N	84	13	6	31	645	97	43	99	0.9	1.4	124.6	4.3	1.3	A N	76
7699	4ACSR	43.4	24.9	0.0	A N	84	13	6	27	557	82	38	99	1.0	2.4	123.6	3.9	0.9	A N	7699
101	4ACSR	46.8	24.9	0.0	A N	0	0	0	1	19	2	1	100	0.0	2.4	123.6	0.0	-0.7	A N	101
78	4ACSR	50.0	24.9	0.0	A N	19	3	1	1	19	2	1	99	0.0	2.4	123.6	0.0	-0.6	A N	78
104	4ACSR	48.5	24.9	0.0	A N	72	11	5	22	450	66	31	99	0.7	3.0	123.0	2.2	0.1	A N	104
10498	4ACSR	52.1	24.9	0.0	A N	34	5	2	18	375	55	26	99	0.4	3.5	122.5	1.2	-0.1	A N	10498
10499	4ACSR	53.2	24.9	0.0	A N	138	22	10	17	340	49	23	99	0.1	3.6	122.4	0.2	-0.1	A N	10499
105	6ACWC	55.2	24.9	0.0	A N	22	4	2	10	201	29	14	99	0.1	3.7	122.3	0.2	-0.3	A N	105
10589	6ACWC	59.4	24.9	0.0	A N	19	3	1	9	179	25	12	99	0.2	3.9	122.1	0.3	-0.6	A N	10589
10587	6ACWC	68.2	24.9	0.0	A N	137	22	10	7	138	20	10	99	0.2	4.1	121.9	0.2	-1.6	A N	10587
10588	6ACWC	62.7	24.9	0.0	A N	22	3	2	1	22	3	2	99	0.0	3.9	122.1	0.0	-0.6	A N	10588
11318	4ACSR	57.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-72	0.0	3.6	122.4	0.0	-0.8	A N	11318
107	6ACWC	22.1	24.9	0.0	A N	54	9	4	18	371	52	25	99	0.3	2.1	123.9	0.7	-0.1	A N	107
1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	15	316	44	22	99	0.2	2.4	123.6	0.6	-0.2	A N	1079
10791	6ACWC	30.8	24.9	0.0	A N	102	16	7	15	316	44	22	99	0.5	2.9	123.1	1.0	-0.6	A N	10791
10792	6ACWC	34.7	24.9	0.0	A N	8	1	1	10	213	29	15	99	0.2	3.1	122.9	0.4	-0.5	A N	10792
112	4ACSR	40.5	24.9	0.0	A N	58	9	4	3	58	8	4	99	0.1	3.2	122.8	0.0	-1.1	A N	112
11322	6ACWC	37.9	24.9	0.0	A N	33	5	2	7	146	20	10	99	0.1	3.2	122.8	0.1	-0.5	A N	11322
113	6ACWC	45.8	24.9	0.0	A N	21	3	1	6	113	15	8	99	0.2	3.5	122.5	0.2	-1.4	A N	113
11319	6ACWC	50.8	24.9	0.0	A N	92	15	6	5	92	14	6	99	0.1	3.5	122.5	0.0	-0.9	A N	11319
11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.5	122.5	0.0	-0.4	A N	11320
128	4ACSR	19.0	24.9	0.0	A N	182	29	12	9	183	28	12	99	0.2	1.5	124.5	0.3	-1.1	A N	128

********** Load Flow Results For Three Forks Ckt 2 **********

Three Forks Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3560	511	79	99			126.0			ABCN	Feeder
10994	1/0ACSR	0.2	24.9	0.0	ABCN	0	0	0	35	3560	511	79	99	0.0	0.0	126.0	0.9	0.5	ABCN	10994
11612	4ACSR	4.7	24.9	0.0	A N	194	28	13	28	591	83	40	99	0.7	0.7	125.3	2.7	0.5	A N	11612
91161	4ACSR	5.6	24.9	0.0	A N	23	3	2	19	395	55	27	99	0.1	0.8	125.2	0.4	-0.0	A N	91161
91162	6ACWC	7.1	24.9	0.0	A N	61	9	4	3	61	8	4	99	0.0	0.9	125.1	0.0	-0.3	A N	91162
71161	4ACSR	7.4	24.9	0.0	A N	76	11	5	7	145	20	10	99	0.1	0.9	125.1	0.1	-0.3	A N	71161
7116	6ACWC	13.4	24.9	0.0	A N	69	10	5	3	69	9	5	99	0.1	1.0	125.0	0.0	-1.2	A N	7116
9116	4ACSR	7.6	24.9	0.0	A N	100	14	7	8	166	23	11	99	0.1	0.9	125.1	0.1	-0.3	A N	9116
91163	4ACSR	9.5	24.9	0.0	A N	66	10	4	3	66	9	4	99	0.0	0.9	125.1	0.0	-0.4	A N	91163
119	1/0ACSR	1.5	24.9	0.0	ABCN	57	8	1	29	2967	427	66	99	0.2	0.2	125.8	3.6	1.7	ABCN	119
109	1/0ACSR	3.6	24.9	0.0	ABCN	-0	0	0	27	2789	401	62	99	0.3	0.5	125.5	5.1	2.3	ABCN	109
1099	1/0ACSR	5.3	24.9	0.0	ABCN	-0	-0	0	27	2755	395	62	99	0.2	0.7	125.3	4.2	1.8	ABCN	1099
10993	4ACSR	6.1	24.9	0.0	A CN	0	-0	0	20	839	120	28	99	0.1	0.8	125.2	0.6	-0.1	A CN	10993
9109	4ACSR	7.5	24.9	0.0	A CN	132	19	4	18	746	107	25	99	0.1	0.9	125.1	0.7	-0.3	A CN	9109
81091	6ACWC	8.9	24.9	0.0	A N	188	27	13	9	188	27	13	99	0.0	0.9	125.1	0.1	-0.2	A N	81091
8109	6ACWC	9.3	24.9	0.0	A N	149	22	10	20	425	61	29	99	0.2	1.1	124.9	0.5	-0.1	A N	8109
81092	4ACSR	12.9	24.9	0.0	A N	275	40	19	13	276	39	19	99	0.2	1.2	124.8	0.3	-0.6	A N	81092
10991	2ACSR	9.5	24.9	0.0	A N	93	13	6	3	93	13	6	99	0.0	0.8	125.2	0.0	-0.7	A N	10991
61095	1/0ACSR	6.3	24.9	0.0	ABCN	13	2	0	19	1912	273	43	99	0.1	0.7	125.3	1.1	0.1	ABCN	61095
61092	1/0ACSR	7.1	24.9	0.0	ABCN	184	25	4	16	1602	229	36	99	0.1	0.8	125.2	0.6	-0.2	ABCN	61092
61093	1/0ACSR	8.0	24.9	0.0	ABCN	340	49	8	11	1130	162	25	99	0.0	0.8	125.2	0.3	-0.4	ABCN	61093
61094	1/0ACSR	11.0	24.9	0.0	ABCN	788	114	18	8	789	113	18	99	0.1	0.9	125.1	1.1	-1.2	ABCN	61094
61091	6ACWC	9.8	24.9	0.0	A N	287	42	19	14	287	41	19	99	0.1	0.9	125.1	0.2	-0.4	A N	61091
6109	6ACWC	9.5	24.9	0.0	A N	296	43	20	14	296	42	20	99	0.1	0.9	125.1	0.3	-0.5	A N	6109
10992	2ACSR	5.2	24.9	0.0	A N	28	4	2	1	28	4	2	99	0.0	0.5	125.5	0.0	-0.3	A N	10992
116	4ACSR	5.0	24.9	0.0	A N	118	17	8	6	118	16	8	99	0.1	0.3	125.7	0.1	-0.7	A N	116

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********** Load Flow Results For Three Forks Ckt 3 **********
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Three Forks Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			24.9	0.0	ABCN					5604	468	124	100			126.0			ABCN Feeder
118	336ACSR	1.6	24.9	0.0	ABCN	31	4	1	23	5604	468	124	100	0.1	0.1	125.9	4.4	7.8	ABCN 118
1181	336ACSR	6.9	24.9	0.0	ABCN	7	1	0	23	5569	456	124	100	0.4	0.5	125.5	13.9	24.6	ABCN 1181
901	336ACSR	12.4	24.9	0.0	ABCN	85	12	2	22	5191	384	115	100	0.4	0.8	125.2	12.7	21.8	ABCN 901
9011	336ACSR	19.9	24.9	0.0	ABCN	9	1	0	21	5093	350	113	100	0.5	1.3	124.7	16.7	28.7	ABCN 9011
9012	336ACSR	20.5	24.9	0.0	ABCN	-0	0	0	21	5067	320	113	100	0.0	1.3	124.7	1.2	2.1	ABCN 9012
125	1/0ACSR	22.2	24.9	0.0	ABCN	171	23	4	7	729	91	16	99	0.0	1.4	124.6	0.3	-1.1	ABCN 125
1251	1/0ACSR	24.3	24.9	0.0	ABCN	44	6	1	5	558	69	13	99	0.0	1.4	124.6	0.2	-1.4	ABCN 1251
1252	4ACSR	28.1	24.9	0.0	A N	94	13	6	5	94	12	6	99	0.1	1.5	124.5	0.0	-0.7	A N 1252
1253	1/0ACSR	25.2	24.9	0.0	ABCN	24	3	1	4	420	52	9	99	0.0	1.4	124.6	0.0	-0.7	ABCN 1253
117	4ACSR	29.1	24.9	0.0	A N	128	17	9	9	197	25	13	99	0.2	1.6	124.4	0.2	-0.7	A N 117
11177	4ACSR	34.2	24.9	0.0	A N	68	9	5	3	68	8	5	99	0.1	1.7	124.3	0.0	-1.0	A N 11177
120	4ACSR	29.8	24.9	0.0	A N	33	4	2	10	199	25	13	99	0.3	1.7	124.3	0.4	-0.7	A N 120
12099	4ACSR	32.7	24.9	0.0	A N	107	15	7	5	107	14	7	99	0.0	1.8	124.2	0.0	-0.6	A N 12099
121	4ACSR	36.3	24.9	0.0	A N	59	8	4	3	60	7	4	99	0.1	1.8	124.2	0.0	-1.3	A N 121
9013	1/0ACSR	21.1	24.9	0.0	ABCN	6	1	0	42	4337	227	97	100	0.1	1.4	124.6	3.5	2.2	ABCN 9013
11252	1/0ACSR	22.3	24.9	0.0	ABCN	8	1	0	42	4328	224	97	100	0.2	1.7	124.3	7.5	4.7	ABCN 11252
11253	1/0ACSR	24.6	24.9	0.0	ABCN	5	1	0	40	4060	184	91	100	0.4	2.0	124.0	12.0	7.3	ABCN 11253
11392	1/0ACSR	27.2	24.9	0.0	ABCN	106	14	2	36	3661	128	82	100	0.4	2.4	123.6	10.6	6.2	ABCN 11392
13211	4ACSR	30.7	24.9	0.0	A N	76	10	5	4	76	10	5	99	0.0	2.5	123.5	0.0	-0.7	A N 13211
13221	1/0ACSR	31.2	24.9	0.0	ABCN	54	-309	7	34	3469	97	78	100	0.6	3.0	123.0	15.6	8.8	ABCN 13221
Capacitor (Wye-Gnd Connected) at Center of Section 13221																			
	ABCN : Nominal = 300 kvar Actual = 317 kvar																		
134	1/0ACSR	36.6	24.9	0.0	ABCN	90	12	2	27	2752	335	63	99	0.6	3.6	122.4	13.1	6.0	ABCN 134
13411	1/0ACSR	39.0	24.9	0.0	ABCN	21	3	0	25	2516	300	58	99	0.3	3.9	122.1	5.0	2.0	ABCN 13411
13078	1/0ACSR	39.7	24.9	0.0	ABCN	10	1	0	17	1719	197	39	99	0.1	4.0	122.0	0.7	0.0	ABCN 13078
126	4ACSR	46.2	24.9	0.0	A N	150	20	10	7	150	19	10	99	0.2	4.2	121.8	0.2	-1.2	A N 126
13079	1/0ACSR	39.9	24.9	0.0	ABCN	10	1	0	16	1558	176	36	99	0.0	4.0	122.0	0.2	-0.0	ABCN 13079
130	1/0ACSR	43.0	24.9	0.0	ABCN	98	13	2	10	1033	110	24	99	0.1	4.1	121.9	1.0	-1.5	ABCN 130
124	1/0ACSR	44.4	24.9	0.0	ABCN	156	21	4	9	918	96	21	99	0.1	4.2	121.8	0.4	-0.7	ABCN 124
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 124																			
	ABCN : Tap = 5 RAISE																		
Regulator			44.4	24.9	0.0	ABCN				17	762	76	17	100	-3.8	0.3	125.4	0.0	0.0	ABCN Regulator
12411	1/0ACSR	50.4	24.9	0.0	ABCN	161	22	4	7	762	76	17	100	0.2	0.5	125.5	0.9	-3.8	ABCN 12411
12412	1/0ACSR	54.6	24.9	0.0	ABCN	71	10	2	6	600	57	13	100	0.1	0.6	125.4	0.4	-2.9	ABCN 12412
372	1/0ACSR	61.5	24.9	0.0	ABCN	80	11	2	5	488	48	11	100	0.1	0.7	125.3	0.5	-4.9	ABCN 372
360	1/0ACSR	65.3	24.9	0.0	ABCN	77	11	2	4	408	42	9	99	0.1	0.8	125.2	0.2	-2.8	ABCN 360
36011	1/0ACSR	66.0	24.9	0.0	ABCN	11	2	0	0	11	1	0	100	0.0	0.8	125.2	0.0	-0.5	ABCN 36011
115	4ACSR	70.2	24.9	0.0	A CN	8	1	0	8	319	33	11	99	0.2	1.1	124.9	0.6	-1.9	A CN 115
11511	2ACSR	75.5	24.9	0.0	A CN	25	3	1	6	311	34	10	99	0.2	1.3	124.7	0.4	-2.1	A CN 11511
11513	4ACSR	75.8	24.9	0.0	A N	4	1	0	3	57	5	4	100	0.0	1.4	124.6	0.0	-0.1	A N 11513
114	4ACSR	82.9	24.9	0.0	A N	18	2	1	1	18	1	1	100	0.0	1.4	124.6	0.0	-1.4	A N 114
129	4ACSR	84.5	24.9	0.0	A N	35	5	2	2	35	3	2	100	0.0	1.4	124.6	0.0	-1.7	A N 129
11512	6ACWC	82.7	24.9	0.0	A N	75	10	5	11	229	28	15	99	0.4	1.8	124.2	0.6	-1.1	A N 11512
122	4ACSR	88.5	24.9	0.0	A N	49	7	3	7	154	18	10	99	0.2	2.0	124.0	0.2	-1.0	A N 122
12097	4ACSR	94.0	24.9	0.0	A N	84	11	6	4	84	10	6	99	0.1	2.1	123.9	0.0	-1.1	A N 12097
12098	4ACSR	90.6	24.9	0.0	A N	20	3	1	1	20	2	1	99	0.0	2.0	124.0	0.0	-0.4	A N 12098
373	4ACSR	63.0	24.9	0.0	A N	39	5	3	2	40	2	3	100	0.1	0.9	125.1	0.0	-1.7	A N 373
375	4ACSR	70.3	24.9	0.0	A N	1	0	0	0	1	-1	0	-45	-0.0	0.9	125.1	0.0	-1.5	A N 375
127	4ACSR	47.3	24.9	0.0	A N	15	2	1	1	15	1	1	100	0.0	4.2	121.8	0.0	-0.8	A N 127
136	6ACWC	44.7	24.9	0.0	A N	234	29	16	25	514	65	35	99	0.6	4.6	121.4	1.9	0.2	A N 136
13611	6ACWC	50.6	24.9	0.0	A N	191	26	13	14	279	35	19	99	0.3	4.9	121.1	0.6	-0.7	A N 13611
3751	6ACWC	53.1	24.9	0.0	A N	64	9	4	3	64	8	4	99	0.0	5.0	121.0	0.0	-0.5	A N 3751
378	6ACWC	57.5	24.9	0.0	A N	22	3	2	1	22	2	2	100	0.0	5.0	121.0	0.0	-1.3	A N 378
135	336ACSR	43.6	24.9	0.0	ABCN	93	13	2	3	771	98	18	99	0.0	3.9	122.1	0.2	-3.3	ABCN 135
13511	6ACWC	48.0	24.9	0.0	A N	232	32	16	11	233	31	16	99	0.2	4.2	121.8	0.3	-0.7	A N 13511
13514	6ACWC	46.6	24.9	0.0	A N	32	4	2	22	445	57	31	99	0.4	4.4	121.6	1.3	0.2	A N 13514
13512	6ACWC	52.3	24.9	0.0	A N	52	7	4	3	52	6	4	99	0.0	4.5	121.5	0.0	-1.1	A N 13512
13513	6ACWC	52.0	24.9	0.0	A N	203	28	14	18	360	46	25	99	0.4	4.8	121.2	1.0	-0.4	A N 13513
13515	6ACWC	55.1	24.9	0.0	A N	100	14	7	5	100	13	7	99	0.0	4.9	121.1	0.0	-0.6	A N 13515
13516	6ACWC	54.9	24.9	0.0	A N	16	2	1	3	57	6	4	99	0.0	4.9	121.1	0.0	-0.5	A N 13516

Three Forks Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
518	2ACSR	56.6	24.9	0.0	A N	29	4	2	2	40	4	3	99	0.0	4.9	121.1	0.0	-0.3	A N	518
13517	2ACSR	61.0	24.9	0.0	A N	11	2	1	0	11	1	1	100	0.0	4.9	121.1	0.0	-0.9	A N	13517
13412	2ACSR	37.7	24.9	0.0	ABCN	132	18	3	2	132	17	3	99	0.0	3.6	122.4	0.0	-0.7	ABCN	13412
138	1/0ACSR	32.0	24.9	0.0	ABCN	0	-0	0	6	648	63	15	100	0.0	3.0	123.0	0.1	-0.5	ABCN	138
11312	336ACSR	37.7	24.9	0.0	ABCN	55	7	1	1	233	8	5	100	0.0	3.0	123.0	0.0	-4.6	ABCN	11312
13311	336ACSR	40.9	24.9	0.0	ABCN	25	3	1	1	178	5	4	100	0.0	3.0	123.0	0.0	-2.6	ABCN	13311
13315	336ACSR	45.3	24.9	0.0	ABCN	14	2	0	0	97	-2	2	-100	0.0	3.0	123.0	0.0	-3.6	ABCN	13315
13314	336ACSR	46.0	24.9	0.0	ABCN	83	-0	2	0	83	-1	2	-100	0.0	3.0	123.0	0.0	-0.5	ABCN	13314
13312	4ACSR	45.7	24.9	0.0	A N	56	8	4	3	56	7	4	99	0.0	3.1	122.9	0.0	-0.9	A N	13312
13313	1/0ACSR	34.9	24.9	0.0	ABCN	415	56	9	4	415	55	9	99	0.0	3.1	122.9	0.3	-1.8	ABCN	13313
132	1/0ACSR	26.4	24.9	0.0	ABCN	263	36	6	4	382	49	9	99	0.0	2.1	123.9	0.1	-1.2	ABCN	132
131	4ACSR	32.0	24.9	0.0	A N	49	7	3	6	118	14	8	99	0.2	2.3	123.7	0.1	-1.0	A N	131
11399	4ACSR	37.8	24.9	0.0	A N	69	9	5	3	69	8	5	99	0.1	2.3	123.7	0.0	-1.1	A N	11399
11251	4ACSR	26.0	24.9	0.0	A N	253	34	17	12	253	34	17	99	0.1	1.8	124.2	0.3	-0.6	A N	11251
9118	4ACSR	10.4	24.9	0.0	A N	82	11	6	17	357	47	24	99	0.4	0.8	125.2	0.9	-0.3	A N	9118
8116	4ACSR	15.0	24.9	0.0	A N	228	31	15	11	228	30	15	99	0.2	1.0	125.0	0.3	-0.8	A N	8116
91181	4ACSR	11.7	24.9	0.0	A N	46	6	3	2	46	6	3	99	0.0	0.8	125.2	0.0	-0.3	A N	91181

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********** Load-Flow Results For Trapp Ckt 1 **********
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Trapp Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					668	134	30	98			126.0			ABCN	Feeder
325	1/0ACSR	5.7	12.5	0.0	ABCN	46	10	2	13	668	134	30	98	0.7	0.7	125.3	3.1	1.2	ABCN	325
3250	1/0ACSR	5.9	12.5	0.0	ABCN	52	3	2	3	164	27	7	99	0.0	0.7	125.3	0.0	-0.0	ABCN	3250
3251	4ACSR	11.6	12.5	0.0	A N	111	24	15	11	112	24	15	98	0.4	1.1	124.9	0.3	-0.1	A N	3251
3252	1/0ACSR	9.1	12.5	0.0	ABCN	44	9	2	9	455	96	21	98	0.3	0.9	125.1	0.9	-0.0	ABCN	3252
324	4ACSR	13.1	12.5	0.0	A N	0	0	0	20	204	43	28	98	1.1	2.1	123.9	1.6	0.7	A N	324
312	4ACSR	20.6	12.5	0.0	A N	22	5	3	2	22	4	3	98	0.1	2.2	123.8	0.0	-0.4	A N	312
3241	4ACSR	15.3	12.5	0.0	A N	0	0	0	18	180	38	25	98	0.5	2.6	123.4	0.7	0.3	A N	3241
3061	4ACSR	21.7	12.5	0.0	A N	64	14	9	15	157	33	22	98	1.1	3.7	122.3	1.1	0.3	A N	3061
306	4ACSR	26.0	12.5	0.0	A N	91	19	13	9	91	19	13	98	0.3	3.9	122.1	0.2	-0.1	A N	306
3062	4ACSR	29.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.9	122.1	0.0	-0.2	A N	3062
313	4ACSR	19.1	12.5	0.0	A N	23	5	3	2	23	5	3	98	0.1	2.7	123.3	0.0	-0.2	A N	313
326	4ACSR	12.5	12.5	0.0	A N	2	1	0	20	205	44	28	98	0.9	1.9	124.1	1.4	0.6	A N	326
3261	4ACSR	15.0	12.5	0.0	A N	63	13	9	6	63	13	9	98	0.1	2.0	124.0	0.0	-0.1	A N	3261
3262	4ACSR	15.8	12.5	0.0	A N	26	6	4	14	139	29	19	98	0.6	2.5	123.5	0.5	0.1	A N	3262
3263	4ACSR	17.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-98	0.0	2.5	123.5	0.0	-0.1	A N	3263
327	4ACSR	21.8	12.5	0.0	A N	66	14	9	11	112	23	15	98	0.6	3.1	122.9	0.4	-0.1	A N	327
3271	4ACSR	28.6	12.5	0.0	A N	46	10	6	5	46	9	6	98	0.2	3.3	122.7	0.1	-0.3	A N	3271

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********** Load-Flow Results For Trapp Ckt 2 **********
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Trapp Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1504	169	67	99			126.0			ABCN	Feeder
339	336ACSR	0.9	12.5	0.0	ABCN	42	9	2	13	1504	169	67	99	0.1	0.1	125.9	0.7	1.2	ABCN	339
3391	336ACSR	2.4	12.5	0.0	ABCN	50	7	2	11	1264	118	56	100	0.1	0.2	125.8	0.8	1.3	ABCN	3391
3392	1/0ACSR	5.9	12.5	0.0	ABCN	102	22	5	23	1213	109	54	100	0.7	0.8	125.2	6.1	3.9	ABCN	3392
3393	1/0ACSR	8.8	12.5	0.0	ABCN	73	15	3	19	993	60	44	100	0.5	1.3	124.7	3.4	2.0	ABCN	3393
353	1/0ACSR	12.4	12.5	0.0	ABCN	106	-139	8	14	705	-2	31	-100	0.4	1.7	124.3	2.0	0.9	ABCN	353
Capacitor (Wye-Gnd Connected) at Center of Section 353																				
	ABCN : Nominal = 150 kvar						Actual = 161 kvar													
3531	1/0ACSR	16.3	12.5	0.0	ABCN	66	14	3	12	596	136	27	97	0.4	2.1	123.9	1.7	0.6	ABCN	3531
366	4ACSR	16.9	12.5	0.0	ABCN	0	0	0	11	332	80	15	97	0.1	2.2	123.8	0.2	-0.0	ABCN	366
3661	4ACSR	19.6	12.5	0.0	A N	23	5	3	14	142	41	20	96	0.5	3.0	123.0	0.5	0.1	A N	3661
3541	4ACSR	25.1	12.5	0.0	A N	60	18	9	11	109	33	15	96	0.6	3.6	122.4	0.4	-0.0	A N	3541
354	4ACSR	27.8	12.5	0.0	A N	48	15	7	5	48	15	7	96	0.1	3.7	122.3	0.0	-0.1	A N	354
3542	4ACSR	22.3	12.5	0.0	A N	9	3	1	1	9	3	1	96	0.0	3.0	123.0	0.0	-0.1	A N	3542
3662	4ACSR	20.2	12.5	0.0	A N	33	7	5	19	189	39	26	98	0.8	3.3	122.7	1.0	0.4	A N	3662
3663	4ACSR	26.4	12.5	0.0	A N	67	14	9	15	155	31	21	98	1.0	4.3	121.7	1.0	0.2	A N	3663
3711	4ACSR	30.1	12.5	0.0	A N	1	0	0	5	53	10	7	98	0.3	4.5	121.5	0.1	-0.1	A N	3711
371	4ACSR	35.1	12.5	0.0	A N	16	3	2	5	47	9	7	98	0.3	4.8	121.2	0.1	-0.2	A N	371
3710	4ACSR	40.2	12.5	0.0	A N	31	7	4	3	31	6	4	98	0.1	4.9	121.1	0.0	-0.2	A N	3710
370	6ACWC	40.7	12.5	0.0	A N	5	1	1	1	5	1	1	99	0.0	4.6	121.4	0.0	-0.5	A N	370
603	4ACSR	33.9	12.5	0.0	A N	33	7	5	3	34	7	5	98	0.2	4.4	121.6	0.0	-0.3	A N	603
365	6ACWC	19.2	12.5	0.0	A N	35	7	5	19	196	41	27	98	0.6	3.1	122.9	0.9	0.4	A N	365
3651	6ACWC	27.0	12.5	0.0	A N	54	11	7	5	54	11	7	98	0.3	3.3	122.7	0.1	-0.3	A N	3651
3652	6ACWC	26.3	12.5	0.0	A N	49	10	7	10	106	22	15	98	0.7	3.8	122.2	0.5	-0.1	A N	3652
3653	6ACWC	30.7	12.5	0.0	A N	50	11	7	5	50	10	7	98	0.1	3.9	122.1	0.1	-0.2	A N	3653
3654	6ACWC	29.5	12.5	0.0	A N	6	1	1	1	6	1	1	98	0.0	3.8	122.2	0.0	-0.2	A N	3654
342	4ACSR	10.5	12.5	0.0	A N	31	7	4	21	212	44	29	98	0.4	1.9	124.1	0.6	0.3	A N	342
3422	4ACSR	12.3	12.5	0.0	A N	45	9	6	11	115	24	16	98	0.2	2.1	123.9	0.2	-0.0	A N	3422
34221	4ACSR	15.2	12.5	0.0	A N	0	0	0	7	70	14	10	98	0.3	2.4	123.6	0.1	-0.1	A N	34221
3423	4ACSR	19.4	12.5	0.0	A N	49	10	7	5	49	10	7	98	0.1	2.5	123.5	0.1	-0.2	A N	3423
3424	4ACSR	19.3	12.5	0.0	A N	21	4	3	2	21	4	3	98	0.1	2.4	123.6	0.0	-0.2	A N	3424
3421	4ACSR	16.2	12.5	0.0	A N	65	14	9	6	65	14	9	98	0.2	2.1	123.9	0.1	-0.2	A N	3421
349	4ACSR	9.3	12.5	0.0	A N	21	4	3	11	112	23	15	98	0.5	1.4	124.6	0.3	0.0	A N	349
3491	4ACSR	10.9	12.5	0.0	A N	57	12	8	6	57	12	8	98	0.1	1.5	124.5	0.0	-0.1	A N	3491
352	4ACSR	15.7	12.5	0.0	A N	34	7	5	3	34	7	5	98	0.1	1.5	124.5	0.0	-0.3	A N	352
323	4ACSR	5.2	12.5	0.0	A N	23	5	3	19	197	41	27	98	1.0	1.1	124.9	1.4	0.5	A N	323
3231	4ACSR	10.4	12.5	0.0	A N	44	9	6	17	172	35	23	98	1.0	2.1	123.9	1.2	0.4	A N	3231
311	4ACSR	15.9	12.5	0.0	A N	30	6	4	10	101	21	14	98	0.6	2.8	123.2	0.4	-0.0	A N	311
31121	4ACSR	17.5	12.5	0.0	A N	0	0	0	7	71	14	10	98	0.2	2.9	123.1	0.1	-0.0	A N	31121
305	4ACSR	26.0	12.5	0.0	A N	70	15	10	7	71	15	10	98	0.4	3.3	122.7	0.2	-0.3	A N	305
33111	4ACSR	18.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.9	123.1	0.0	-0.0	A N	33111
322	4ACSR	17.5	12.5	0.0	A N	25	5	3	2	25	5	3	98	0.1	2.2	123.8	0.0	-0.3	A N	322

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********** Load-Flow Results For Trapp Ckt 3 **********
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Trapp Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					480	-65	21	-99			126.0			ABCN	Feeder
3380	336ACSR	0.9	12.5	0.0	ABCN	0	0	0	4	480	-65	21	-99	0.0	0.0	126.0	0.1	-0.0	ABCN	3380
338	336ACSR	2.5	12.5	0.0	ABCN	0	-0	0	4	480	-65	21	-99	0.0	0.0	126.0	0.1	-0.1	ABCN	338
340	1/0ACSR	6.2	12.5	0.0	ABCN	156	-142	9	9	480	-65	21	-99	0.2	0.3	125.7	0.9	0.1	ABCN	340
Capacitor (Wye-Gnd Connected) at Center of Section 340																				
	ABCN : Nominal = 150 kvar						Actual = 165 kvar													
351	1/0ACSR	8.4	12.5	0.0	ABCN	8	2	0	5	275	65	12	97	0.1	0.4	125.6	0.2	-0.3	ABCN	351
350	1/0ACSR	13.8	12.5	0.0	ABCN	64	17	3	2	106	24	5	98	0.1	0.5	125.5	0.1	-1.0	ABCN	350
3501	1/0ACSR	18.3	12.5	0.0	ABCN	0	-0	0	0	16	1	1	100	0.0	0.5	125.5	0.0	-0.9	ABCN	3501
335	1/0ACSR	25.0	12.5	0.0	ABCN	16	4	1	0	16	3	1	98	0.0	0.5	125.5	0.0	-1.3	ABCN	335
359	1/0ACSR	21.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.5	125.5	0.0	-0.6	ABCN	359
336	4ACSR	29.8	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.7	125.3	0.0	-0.4	A N	336
3502	4ACSR	20.9	12.5	0.0	A N	27	7	4	3	27	7	4	97	0.1	0.8	125.2	0.0	-0.3	A N	3502
357	4ACSR	13.7	12.5	0.0	A N	50	13	7	16	160	39	22	97	1.0	1.5	124.5	1.0	0.3	A N	357
3570	4ACSR	19.2	12.5	0.0	A N	46	12	6	11	109	25	15	97	0.6	2.1	123.9	0.4	-0.0	A N	3570
364	4ACSR	28.0	12.5	0.0	A N	62	14	9	6	62	13	9	98	0.4	2.5	123.5	0.2	-0.3	A N	364
337	4ACSR	12.4	12.5	0.0	A N	48	13	7	5	48	12	7	97	0.2	0.6	125.4	0.1	-0.3	A N	337

********** Load-Flow Results For Van Meter Ckt 1 **********

Van Meter Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					310	84	14	97			126.0			ABCN	Feeder
27	4ACSR	1.1	12.5	0.0	ABCN	0	-0	0	10	310	84	14	97	0.1	0.1	125.9	0.3	-0.1	ABCN	27
27000	4ACSR	7.4	12.5	0.0	A N	288	79	40	30	310	84	43	97	1.4	1.5	124.5	3.0	1.3	A N	27000
28	4ACSR	12.7	12.5	0.0	A N	16	4	2	2	19	4	3	98	0.1	1.6	124.4	0.0	-0.3	A N	28
30	4ACSR	19.5	12.5	0.0	A N	2	0	0	0	2	0	0	100	0.0	1.6	124.4	0.0	-0.3	A N	30
31	4ACSR	19.1	12.5	0.0	A N	0	0	0	0	1	-0	0	-98	0.0	1.6	124.4	0.0	-0.3	A N	31
29	4ACSR	24.4	12.5	0.0	A N	1	0	0	0	1	0	0	100	0.0	1.6	124.4	0.0	-0.3	A N	29

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********** Load-Flow Results For Van Meter Ckt 2 **********
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Van Meter Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					363	98	17	97			126.0			ABCN	Feeder
26	1/0ACSR	5.4	12.5	0.0	ABCN	98	27	4	7	363	98	17	97	0.3	0.3	125.7	0.8	-0.4	ABCN	26
1300	1/0ACSR	10.7	12.5	0.0	ABCN	262	72	12	5	264	72	12	97	0.1	0.4	125.6	0.9	-0.1	ABCN	1300
1301	1/0ACSR	14.3	12.5	0.0	ABCN	1	0	0	0	1	-0	0	-95	0.0	0.4	125.6	0.0	-0.7	ABCN	1301
Regulator	REG-219A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1301																			
	ABCN : Tap = 0 NEUTRAL																			
Regulator		14.3	12.5	0.0	ABCN				0	0	0	0	0	0.0	0.4	125.5	0.0	0.0	ABCN	Regulator

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********** Load-Flow Results For Van Meter Ckt 3 **********
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Van Meter Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2365	273	105	99			126.0			ABCN	Feeder
	25	1/0ACSR	6.4	12.5	0.0	ABCN	61	15	3	46	2365	273	105	99	2.5	2.5	123.5	43.7	31.8	ABCN	25
	1325	1/0ACSR	11.2	12.5	0.0	ABCN	100	25	5	44	2260	225	102	100	1.8	4.3	121.7	30.4	22.1	ABCN	1325
	17	1/0ACSR	13.7	12.5	0.0	ABCN	124	26	6	42	2129	178	98	100	0.9	5.2	120.8	14.7	10.7	ABCN	17
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 17																				
	ABCN : Tap = 6 RAISE																				
C	Regulator		13.7	12.5	0.0	ABCN				92	1990	142	92	100	-4.8	0.4	125.6	0.0	0.0	ABCN	Regulator
	15	1/0ACSR	14.9	12.5	0.0	ABCN	126	31	6	38	1946	131	86	100	0.4	0.8	125.2	5.2	3.7	ABCN	15
	13	1/0ACSR	19.7	12.5	0.0	ABCN	61	15	3	26	1325	-21	59	-100	1.0	1.7	124.3	10.1	6.7	ABCN	13
	1319	1/0ACSR	24.3	12.5	0.0	ABCN	84	21	4	24	1254	-43	56	-100	0.9	2.6	123.4	8.8	5.8	ABCN	1319
	1328	1/0ACSR	25.5	12.5	0.0	ABCN	21	-312	14	22	1112	-81	50	-100	0.2	2.8	123.2	1.9	1.2	ABCN	1328
	Capacitor (Wye-Gnd Connected) at Center of Section 1328																				
	ABCN : Nominal = 300 kvar Actual = 317 kvar																				
	9001	1/0ACSR	31.6	12.5	0.0	ABCN	219	34	10	15	765	172	35	98	0.7	3.6	122.4	4.2	2.2	ABCN	9001
	90011	1/0ACSR	35.7	12.5	0.0	ABCN	38	9	2	11	542	136	25	97	0.4	4.0	122.0	1.6	0.4	ABCN	90011
	1	1/0ACSR	43.1	12.5	0.0	ABCN	70	17	3	9	425	106	20	97	0.6	4.5	121.5	1.7	-0.1	ABCN	1
	1326	4ACSR	51.7	12.5	0.0	A N	133	33	19	14	134	33	19	97	0.8	5.9	120.1	0.8	0.0	A N	1326
	1327	1/0ACSR	48.3	12.5	0.0	ABCN	39	10	2	4	218	54	10	97	0.2	4.7	121.3	0.3	-0.7	ABCN	1327
	1324	4ACSR	50.1	12.5	0.0	A N	71	18	10	7	71	18	10	97	0.1	5.4	120.6	0.1	-0.1	A N	1324
	13271	4ACSR	50.1	12.5	0.0	A N	106	26	15	11	106	26	15	97	0.1	5.5	120.5	0.1	-0.0	A N	13271
	90012	4ACSR	41.9	12.5	0.0	A N	76	19	11	8	77	19	11	97	0.3	4.7	121.3	0.2	-0.2	A N	90012
	11	4ACSR	28.9	12.5	0.0	A N	6	1	1	32	324	55	45	99	1.4	4.3	121.7	3.6	1.7	A N	11
	1320	4ACSR	33.5	12.5	0.0	A N	26	6	4	3	26	6	4	97	0.1	4.4	121.6	0.0	-0.2	A N	1320
	7	4ACSR	36.6	12.5	0.0	A N	127	5	18	29	289	46	40	99	2.3	6.6	119.4	4.3	1.9	A N	7
	1322	4ACSR	40.9	12.5	0.0	A N	69	17	10	16	157	38	23	97	0.7	7.4	118.6	0.8	0.2	A N	1322
	1323	4ACSR	48.7	12.5	0.0	A N	73	18	11	9	88	21	13	97	0.6	7.9	118.1	0.3	-0.2	A N	1323
	10	4ACSR	54.6	12.5	0.0	A N	15	4	2	2	15	3	2	97	0.1	8.0	118.0	0.0	-0.3	A N	10
	12	4ACSR	34.5	12.5	0.0	A N	49	12	7	5	49	12	7	97	0.3	3.0	123.0	0.1	-0.4	A N	12
	20	4ACSR	18.5	12.5	0.0	ABCN	186	46	9	16	491	117	22	97	0.6	1.4	124.6	2.3	0.2	ABCN	20
	1313	4ACSR	24.8	12.5	0.0	ABCN	64	16	3	10	302	70	14	97	0.7	2.0	124.0	1.5	-0.6	ABCN	1313
	1314	1/0ACSR	26.4	12.5	0.0	ABCN	7	2	0	5	236	55	11	97	0.1	2.1	123.9	0.1	-0.2	ABCN	1314
	1315	4ACSR	33.3	12.5	0.0	A N	47	12	7	5	47	11	7	97	0.2	2.7	123.3	0.1	-0.3	A N	1315
	1316	1/0ACSR	29.2	12.5	0.0	ABCN	0	-0	0	4	182	42	8	97	0.1	2.2	123.8	0.1	-0.4	ABCN	1316
	21	4ACSR	35.8	12.5	0.0	A N	6	1	1	1	6	1	1	98	0.0	2.6	123.4	0.0	-0.3	A N	21
	22	4ACSR	38.1	12.5	0.0	ABCN	52	13	2	6	176	41	8	97	0.5	2.7	123.3	0.7	-1.3	ABCN	22
	1318	4ACSR	44.2	12.5	0.0	ABCN	49	12	2	4	123	29	6	97	0.2	2.9	123.1	0.2	-0.9	ABCN	1318
	23	4ACSR	51.9	12.5	0.0	A N	73	18	10	7	73	18	10	97	0.4	4.1	121.9	0.2	-0.3	A N	23
	1317	4ACSR	31.7	12.5	0.0	ABCN	0	0	0	0	0	-0	0	-15	-0.0	2.2	123.8	0.0	-0.4	ABCN	1317
	16	4ACSR	17.8	12.5	0.0	A N	45	11	6	4	45	11	6	97	0.1	0.4	125.6	0.0	-0.2	A N	16

99-335

Final Summer

Project : Final Reg Summer CWP
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/02/99 09:37:56
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Fixes:
The load on section 780 had its phasing changed from A N to ABCN.
Analysis Options:
Using Balanced Model

Convergence took 6 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For A.O. Smith Ckt 1 **********
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A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2189	701	51	95			126.0			ABCN	Feeder
4387	1/0ACSR	0.1	24.9	0.0	ABCN	-0	0	0	22	2189	701	51	95	0.0	0.0	126.0	0.2	0.0	ABCN	4387
438	1/0ACSR	1.2	24.9	0.0	ABCN	326	-328	10	20	2008	697	47	94	0.1	0.1	125.9	1.4	0.3	ABCN	438
Capacitor (Wye-Gnd Connected) at Center of Section 438																				
ABCN : Nominal = 300 kvar Actual = 330 kvar																				
4381	1/0ACSR	1.9	24.9	0.0	ABCN	0	-0	0	9	796	543	21	83	0.0	0.2	125.8	0.2	-0.4	ABCN	4381
452	1/0ACSR	7.5	24.9	0.0	ABCN	5	4	0	8	655	438	17	83	0.2	0.4	125.6	1.1	-3.5	ABCN	452
441	1/0ACSR	12.1	24.9	0.0	ABCN	58	-107	3	6	556	358	15	84	0.2	0.5	125.5	0.7	-3.0	ABCN	441
Capacitor (Wye-Gnd Connected) at Center of Section 441																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
433	4ACSR	18.9	24.9	0.0	A N	37	36	3	2	37	35	3	73	0.1	0.6	125.4	0.0	-1.4	A N	433
434	1/0ACSR	16.7	24.9	0.0	ABCN	50	49	2	6	460	433	14	73	0.1	0.7	125.3	0.5	-3.1	ABCN	434
4341	1/0ACSR	20.6	24.9	0.0	ABCN	55	54	2	5	410	387	13	73	0.1	0.8	125.2	0.4	-2.8	ABCN	4341
4342	1/0ACSR	21.2	24.9	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.8	125.2	0.0	-0.4	ABCN	4342
427	4ACSR	24.9	24.9	0.0	A N	82	80	8	23	354	336	33	73	0.6	1.4	124.6	1.9	0.1	A N	427
430	4ACSR	27.2	24.9	0.0	A N	42	41	4	3	42	41	4	72	0.0	1.5	124.5	0.0	-0.5	A N	430
435	4ACSR	28.4	24.9	0.0	A N	17	17	2	15	228	215	21	73	0.3	1.8	124.2	0.8	-0.3	A N	435
4351	4ACSR	31.7	24.9	0.0	A N	26	26	2	14	210	198	19	73	0.3	2.1	123.9	0.6	-0.3	A N	4351
436	4ACSR	36.9	24.9	0.0	A N	15	14	1	12	183	173	17	73	0.4	2.5	123.5	0.7	-0.6	A N	436
431	4ACSR	44.7	24.9	0.0	A N	32	32	3	2	32	30	3	73	0.1	2.5	123.5	0.0	-1.5	A N	431
437	4ACSR	42.9	24.9	0.0	A N	8	8	1	9	136	129	13	73	0.4	2.8	123.2	0.5	-0.9	A N	437
4371	4ACSR	48.6	24.9	0.0	A N	56	54	5	9	127	122	12	72	0.3	3.1	122.9	0.3	-1.0	A N	4371
4372	4ACSR	54.6	24.9	0.0	A N	55	54	5	4	55	53	5	72	0.1	3.2	122.8	0.0	-1.1	A N	4372
443	4ACSR	51.0	24.9	0.0	A N	17	16	2	1	17	16	2	72	0.0	3.1	122.9	0.0	-0.5	A N	443
440	4ACSR	17.0	24.9	0.0	A N	93	81	8	6	93	79	8	76	0.2	0.6	125.4	0.2	-1.8	A N	440
439	1/0ACSR	4.9	24.9	0.0	ABCN	141	108	4	2	141	106	4	80	0.0	0.2	125.8	0.1	-2.2	ABCN	439
4382	1/0ACSR	2.3	24.9	0.0	ABCN	44	44	1	10	885	481	22	88	0.1	0.2	125.8	0.3	-0.6	ABCN	4382
4383	1/0ACSR	2.7	24.9	0.0	ABCN	345	4	8	3	345	4	8	100	0.0	0.2	125.8	0.0	-0.3	ABCN	4383
4384	1/0ACSR	4.5	24.9	0.0	ABCN	-0	0	0	6	495	434	15	75	0.1	0.2	125.8	0.3	-1.5	ABCN	4384
43840	1/0ACSR	5.8	24.9	0.0	ABCN	0	0	0	6	445	417	14	73	0.0	0.3	125.7	0.2	-0.9	ABCN	43840
43842	1/0ACSR	7.5	24.9	0.0	A N	6	0	0	18	445	418	41	73	0.2	0.5	125.5	0.7	0.4	A N	43842
43843	1/0EPR	10.9	24.9	0.0	A N	4	4	0	20	438	418	40	72	1.7	2.2	123.8	5.6	5.1	A N	43843
43844	1/0ACSR	14.7	24.9	0.0	A N	0	0	0	17	428	408	40	72	0.5	2.7	123.3	1.6	0.8	A N	43844
4512	4ACSR	17.4	24.9	0.0	A N	18	18	2	29	427	408	40	72	0.5	3.2	122.8	2.3	0.6	A N	4512
451	4ACSR	21.8	24.9	0.0	A N	27	26	3	17	251	244	24	72	0.5	3.7	122.3	1.2	-0.2	A N	451
4511	2ACSR	25.9	24.9	0.0	A N	222	218	21	12	223	217	21	72	0.2	3.8	122.2	0.3	-0.6	A N	4511
4513	4ACSR	19.3	24.9	0.0	A N	4	4	0	10	156	146	15	73	0.1	3.3	122.7	0.2	-0.3	A N	4513
450	4ACSR	26.2	24.9	0.0	A N	67	66	6	5	68	65	6	72	0.1	3.4	122.6	0.1	-1.3	A N	450
1201	4ACSR	21.7	24.9	0.0	A N	13	13	1	6	84	78	8	74	0.1	3.4	122.6	0.1	-0.4	A N	1201
446	4ACSR	27.6	24.9	0.0	A N	41	41	4	3	41	39	4	72	0.1	3.5	122.5	0.0	-1.1	A N	446
4461	4ACSR	22.2	24.9	0.0	A N	0	0	0	2	30	26	3	75	0.0	3.4	122.6	0.0	-0.1	A N	4461
445	4ACSR	28.8	24.9	0.0	A N	19	19	2	1	19	16	2	76	0.0	3.5	122.5	0.0	-1.3	A N	445

A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
4431	4ACSR	29.3	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.5	122.5	0.0	-0.1	A N	4431
4432	4ACSR	30.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.5	122.5	0.0	-0.3	A N	4432
444	4ACSR	32.4	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	3.5	122.5	0.0	-0.7	A N	444
447	4ACSR	26.9	24.9	0.0	A N	11	10	1	1	11	9	1	75	0.0	3.4	122.6	0.0	-0.9	A N	447
43841	1/0ACSR	5.4	24.9	0.0	ABCN	26	18	1	1	49	18	1	94	0.0	0.2	125.8	0.0	-0.7	ABCN	43841
4385	1/0ACSR	6.3	24.9	0.0	ABCN	23	2	1	0	23	2	1	100	0.0	0.2	125.8	0.0	-0.7	ABCN	4385
4386	1/0ACSR	2.2	24.9	0.0	ABCN	181	5	4	2	181	4	4	100	0.0	0.0	126.0	0.0	-1.6	ABCN	4386

********** Load Flow Results For Blevins Valley Ckt 1 **********

Blevins Valley Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					871	575	23	83			126.0			ABCN	Feeder
700D	336ACSR	0.0	24.9	0.0	ABCN	0	0	0	4	871	575	23	83	0.0	0.0	126.0	0.0	-0.0	ABCN	700D
700	336ACSR	2.1	24.9	0.0	ABCN	13	9	0	4	871	575	23	83	0.0	0.0	126.0	0.2	-1.4	ABCN	700
7006	336ACSR	4.9	24.9	0.0	ABCN	6	4	0	4	858	568	23	83	0.1	0.1	125.9	0.3	-1.9	ABCN	7006
7001	4ACSR	9.1	24.9	0.0	A N	26	18	2	1	26	17	2	84	0.0	0.1	125.9	0.0	-0.9	A N	7001
7002	336ACSR	10.3	24.9	0.0	ABCN	38	26	1	4	825	549	22	83	0.1	0.2	125.8	0.4	-3.7	ABCN	7002
662	6ACWC	13.0	24.9	0.0	A N	105	71	8	23	414	270	33	84	0.4	0.6	125.4	1.1	0.1	A N	662
660	4ACSR	14.5	24.9	0.0	A N	28	19	2	15	266	171	21	84	0.1	0.7	125.3	0.3	-0.1	A N	660
6601	4ACSR	17.6	24.9	0.0	A N	46	31	4	3	46	31	4	83	0.0	0.8	125.2	0.0	-0.6	A N	6601
6602	4ACSR	18.9	24.9	0.0	A N	11	7	1	11	191	121	15	84	0.3	1.1	124.9	0.5	-0.6	A N	6602
657	6ACWC	25.8	24.9	0.0	A N	85	58	7	10	180	115	14	84	0.4	1.4	124.6	0.4	-1.1	A N	657
656	4ACSR	27.3	24.9	0.0	A N	36	24	3	5	85	53	7	85	0.0	1.5	124.5	0.0	-0.3	A N	656
6561	4ACSR	33.7	24.9	0.0	A N	27	18	2	2	27	17	2	85	0.0	1.5	124.5	0.0	-1.3	A N	6561
6562	4ACSR	33.0	24.9	0.0	A N	15	10	1	1	22	12	2	88	0.0	1.5	124.5	0.0	-1.1	A N	6562
6563	4ACSR	41.7	24.9	0.0	A N	7	5	1	0	7	3	1	92	0.0	1.5	124.5	0.0	-1.7	A N	6563
655	4ACSR	33.8	24.9	0.0	A N	10	7	1	1	10	5	1	89	0.0	1.4	124.6	0.0	-1.6	A N	655
661	4ACSR	19.3	24.9	0.0	A N	42	28	3	2	42	27	3	84	0.1	0.7	125.3	0.0	-1.3	A N	661
664	4ACSR	15.5	24.9	0.0	A N	148	101	12	19	321	223	26	82	0.5	0.8	125.2	1.2	-0.4	A N	664
6731	4ACSR	20.7	24.9	0.0	A N	68	49	6	10	171	123	14	81	0.3	1.0	125.0	0.4	-0.8	A N	6731
673	4ACSR	24.7	24.9	0.0	A N	103	75	9	6	103	74	8	81	0.1	1.1	124.9	0.1	-0.8	A N	673
665	4ACSR	15.8	24.9	0.0	A N	36	24	3	3	52	33	4	84	0.1	0.3	125.7	0.0	-1.1	A N	665
6651	4ACSR	21.8	24.9	0.0	A N	16	11	1	1	16	10	1	86	0.0	0.3	125.7	0.0	-1.2	A N	6651

********** Load Flow Results For Blevins Valley Ckt 2 **********

Blevins Valley Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					920	-26	41	-100			126.0			ABCN	Feeder
701D	336ACSR	0.0	12.5	0.0	ABCN	-0	0	0	8	920	-26	41	-100	0.0	0.0	126.0	0.0	0.0	ABCN	701D
701	1/0CU	4.0	12.5	0.0	ABCN	29	21	2	13	920	-26	41	-100	0.3	0.3	125.7	2.2	1.9	ABCN	701
7016	4ACSR	10.6	12.5	0.0	A N	50	37	8	6	50	37	8	81	0.3	0.6	125.4	0.1	-0.3	A N	7016
7011	1/0CU	8.5	12.5	0.0	ABCN	21	16	1	12	838	-86	37	-99	0.3	0.6	125.4	2.1	1.7	ABCN	7011
7012	4ACSR	14.0	12.5	0.0	A N	42	31	7	5	42	31	7	81	0.2	0.8	125.2	0.1	-0.2	A N	7012
7013	1/0CU	12.2	12.5	0.0	ABCN	31	-304	14	11	772	-134	35	-99	0.2	0.8	125.2	1.5	1.1	ABCN	7013
Capacitor (Wye-Gnd Connected) at Center of Section 7013																				
	ABCN : Nominal = 300 kvar					Actual = 327 kvar														
7014	1/0ACSR	14.6	12.5	0.0	ABCN	155	17	7	3	155	17	7	99	0.0	0.8	125.2	0.1	-0.3	ABCN	7014
7015	1/0CU	16.7	12.5	0.0	ABCN	10	7	1	9	585	152	27	97	0.3	1.1	124.9	1.1	0.5	ABCN	7015
667	4ACSR	20.9	12.5	0.0	ABCN	224	-108	11	13	421	34	19	100	0.5	1.6	124.4	2.2	0.2	ABCN	667
Capacitor (Wye-Gnd Connected) at Center of Section 667																				
	ABCN : Nominal = 150 kvar					Actual = 162 kvar														
666	4ACSR	22.8	12.5	0.0	AB N	58	43	5	7	115	84	10	81	0.1	1.8	124.2	0.1	-0.1	AB N	666
6661	4ACSR	27.9	12.5	0.0	A N	56	41	9	7	56	41	9	81	0.2	2.6	123.4	0.1	-0.2	A N	6661
6671	4ACSR	25.0	12.5	0.0	A N	59	43	10	7	59	43	10	81	0.2	2.4	123.6	0.1	-0.1	A N	6671
6672	4ACSR	22.0	12.5	0.0	A N	21	15	4	2	21	15	3	81	0.0	2.2	123.8	0.0	-0.0	A N	6672
702	336ACSR	22.5	12.5	0.0	ABCN	72	53	4	2	153	110	8	81	0.1	1.2	124.8	0.1	-1.1	ABCN	702
7021	336ACSR	26.7	12.5	0.0	ABCN	41	30	2	1	81	58	4	81	0.0	1.2	124.8	0.0	-0.8	ABCN	7021
7022	4ACSR	35.1	12.5	0.0	A N	37	27	6	4	37	26	6	81	0.3	1.7	124.3	0.1	-0.4	A N	7022
10376	336ACSR	27.1	12.5	0.0	ABCN	4	3	0	0	4	3	0	82	0.0	1.2	124.8	0.0	-0.1	ABCN	10376

********** Load Flow Results For Blevins Valley Ckt 3 **********

Blevins Valley Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					333	-91	15	-96			126.0			ABCN	Feeder
	6771D	336ACSR	0.0	12.5	0.0	ABCN	0	-0	0	3	333	-91	15	-96	0.0	0.0	126.0	0.0	-0.0	ABCN	6771D
	6771	1/0CU	4.4	12.5	0.0	ABCN	22	-315	14	5	333	-91	15	-96	0.1	0.1	125.9	0.4	-0.4	ABCN	6771
	Capacitor (Wye-Gnd Connected) at Center of Section 6771																				
	ABCN : Nominal = 300 kvar Actual = 331 kvar																				
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 677																				
	ABCN : Tap = 1 RAISE																				
H	Regulator		4.4	12.5	0.0	ABCN				17	311	224	17	81	-0.8	-0.6	126.6	0.0	0.0	ABCN	Regulator
H	677	1/0CU	6.1	12.5	0.0	ABCN	13	10	1	5	311	224	17	81	0.1	-0.6	126.6	0.2	-0.1	ABCN	677
H	6751	1/0CU	6.4	12.5	0.0	ABCN	-0	-0	0	4	243	175	13	81	0.0	-0.5	126.5	0.0	-0.0	ABCN	6751
H	675	1/0CU	8.4	12.5	0.0	ABCN	2	2	0	3	162	116	9	81	0.0	-0.5	126.5	0.1	-0.3	ABCN	675
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 674																				
	A N : Tap = -1 LOWER																				
	Regulator		8.4	12.5	0.0	A N				26	159	115	26	81	0.8	0.3	125.7	0.0	0.0	A N	Regulator
	674	4ACSR	13.9	12.5	0.0	A N	30	22	5	19	159	115	26	81	1.3	1.6	124.4	1.6	0.6	A N	674
	6741	4ACSR	18.7	12.5	0.0	A N	30	22	5	4	30	22	5	81	0.1	1.7	124.3	0.0	-0.2	A N	6741
	6742	4ACSR	15.0	12.5	0.0	A N	0	0	0	11	97	71	16	81	0.2	1.8	124.2	0.2	0.0	A N	6742
	6743	4ACSR	20.9	12.5	0.0	A N	37	27	6	4	37	26	6	81	0.2	2.0	124.0	0.1	-0.3	A N	6743
	6744	4ACSR	17.1	12.5	0.0	A N	60	44	10	7	60	44	10	81	0.1	1.9	124.1	0.1	-0.1	A N	6744
H	676	4ACSR	9.6	12.5	0.0	A N	30	22	5	9	81	59	13	81	0.3	-0.2	126.2	0.2	-0.1	A N	676
H	6761	4ACSR	11.3	12.5	0.0	A N	20	15	3	2	20	15	3	81	0.0	-0.1	126.1	0.0	-0.1	A N	6761
H	6762	4ACSR	13.2	12.5	0.0	A N	31	23	5	4	31	23	5	81	0.1	-0.1	126.1	0.0	-0.2	A N	6762
H	711	6ACWC	11.7	12.5	0.0	A N	34	25	6	6	55	39	9	81	0.3	-0.2	126.2	0.1	-0.2	A N	711
H	7111	6ACWC	17.5	12.5	0.0	A N	15	11	2	2	21	15	3	82	0.1	-0.1	126.1	0.0	-0.3	A N	7111
H	7112	6ACWC	21.6	12.5	0.0	A N	6	4	1	1	6	4	1	82	0.0	-0.1	126.1	0.0	-0.2	A N	7112

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********** Load-Flow Results For Bowen Ckt 1 **********
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Bowen Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Ldg Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1856	831	90	91			126.0			ABCN	Feeder
771	397ACSR	3.2	12.5	0.0	ABCN	19	15	1	15	1856	831	90	91	0.4	0.4	125.6	3.8	8.5	ABCN	771
7711	397ACSR	4.5	12.5	0.0	ABCN	11	9	1	15	1834	807	89	92	0.2	0.6	125.4	1.5	3.4	ABCN	7711
77110	1/0EPR	5.6	12.5	0.0	ABCN	-0	-0	0	31	1363	243	61	98	1.3	1.9	124.1	12.4	12.6	ABCN	77110
77111	336ACSR	9.0	12.5	0.0	ABCN	3	3	0	12	1351	231	61	99	0.3	2.2	123.8	2.2	3.9	ABCN	77111
772	1/0ACSR	9.8	12.5	0.0	ABCN	11	9	1	0	11	9	1	77	0.0	2.2	123.8	0.0	-0.1	ABCN	772
77200	4ACSR	12.4	12.5	0.0	ABCN	17	15	1	43	1334	215	61	99	1.7	3.9	122.1	18.0	5.4	ABCN	77200
774	4ACSR	16.3	12.5	0.0	ABCN	37	30	2	42	1286	185	59	99	1.9	5.8	120.2	19.5	5.8	ABCN	774
7741	336ACSR	21.9	12.5	0.0	ABCN	48	40	3	9	1086	29	50	100	0.3	6.1	119.9	2.3	3.8	ABCN	7741
777	1/0ACSR	26.1	12.5	0.0	ABCN	25	-277	13	21	1036	-14	48	-100	0.8	6.9	119.1	6.1	3.9	ABCN	777
Capacitor (Wye-Gnd Connected) at Center of Section 777																				
ABCN : Nominal = 300 kvar Actual = 298 kvar																				
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 777																				
ABCN : Tap = 9 RAISE																				
Regulator		26.1	12.5	0.0	ABCN				48	1004	258	48	97	-6.7	0.2	125.8	0.0	0.0	ABCN	Regulator
77701	4ACSR	27.9	12.5	0.0	ABCN	63	21	3	25	781	130	35	99	0.5	0.7	125.3	3.1	0.7	ABCN	77701
1003	4ACSR	32.1	12.5	0.0	ABCN	94	51	5	23	714	109	32	99	1.0	1.7	124.3	5.6	1.2	ABCN	1003
1005	6ACWC	33.6	12.5	0.0	ABCN	35	29	2	20	615	57	28	100	0.3	2.1	123.9	1.5	0.3	ABCN	1005
10053	6ACWC	34.8	12.5	0.0	ABCN	67	14	3	2	67	14	3	98	0.0	2.1	123.9	0.0	-0.2	ABCN	10053
10054	1/0ACSR	37.4	12.5	0.0	ABCN	13	10	1	10	510	13	23	100	0.3	2.4	123.6	1.2	0.2	ABCN	10054
10051	4ACSR	39.9	12.5	0.0	ABCN	491	1	22	16	494	2	22	100	0.2	2.6	123.4	3.0	1.2	ABCN	10051
10052	4ACSR	43.0	12.5	0.0	AB N	0	0	0	0	0	-0	0	0	-0.0	2.8	123.2	0.0	-0.3	AB N	10052
7771	1/0ACSR	26.5	12.5	0.0	ABCN	52	0	2	5	223	128	11	87	0.0	0.2	125.8	0.0	-0.1	ABCN	7771
77700	1/0ACSR	28.0	12.5	0.0	ABCN	17	15	1	4	153	113	8	80	0.1	0.2	125.8	0.1	-0.2	ABCN	77700
1004	2ACSR	36.4	12.5	0.0	A N	3	2	0	12	135	98	22	81	1.4	1.9	124.1	1.5	0.6	A N	1004
1008	2ACSR	44.3	12.5	0.0	A N	130	95	22	12	131	95	22	81	0.6	2.6	123.4	0.7	0.1	A N	1008
77702	2ACSR	30.2	12.5	0.0	A N	19	16	3	2	19	16	3	77	0.0	0.5	125.5	0.0	-0.2	A N	77702
77400	4ACSR	18.2	12.5	0.0	ABCN	62	52	4	6	144	119	9	77	0.1	5.9	120.1	0.2	-0.2	ABCN	77400
775	4ACSR	29.1	12.5	0.0	A N	81	68	15	11	82	67	15	77	0.8	7.0	119.0	0.6	-0.2	A N	775
77201	4ACSR	15.0	12.5	0.0	A N	13	11	2	2	13	10	2	77	0.0	4.0	122.0	0.0	-0.1	A N	77201
773	4ACSR	9.8	12.5	0.0	A N	29	24	5	68	457	551	95	64	4.5	5.1	120.9	24.0	12.3	A N	773
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 773																				
A N : Tap = 6 RAISE																				
C Regulator		9.8	12.5	0.0	A N				90	404	515	90	62	-4.5	0.6	125.4	0.0	0.0	A N	Regulator
776	4ACSR	16.5	12.5	0.0	A N	24	20	4	62	404	515	87	62	5.2	5.7	120.3	25.7	13.2	A N	776
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 776																				
A N : Tap = 7 RAISE																				
C Regulator		16.5	12.5	0.0	A N				83	355	481	83	59	-5.3	0.5	125.5	0.0	-0.0	A N	Regulator
1001	4ACSR	17.8	12.5	0.0	A N	27	23	5	23	189	154	32	78	0.4	0.9	125.1	0.6	0.3	A N	1001
10011	4ACSR	21.3	12.5	0.0	A N	47	39	8	20	162	131	28	78	0.8	1.7	124.3	1.1	0.4	A N	10011
10012	4ACSR	25.0	12.5	0.0	A N	9	8	2	13	109	88	19	78	0.7	2.3	123.7	0.6	0.2	A N	10012
1000	4ACSR	30.8	12.5	0.0	A N	23	19	4	12	99	81	17	78	0.9	3.2	122.8	0.7	0.1	A N	1000
10001	4ACSR	37.0	12.5	0.0	A N	11	9	2	9	76	61	13	78	0.7	3.9	122.1	0.5	-0.0	A N	10001
10002	4ACSR	46.8	12.5	0.0	A N	24	20	4	3	24	20	4	78	0.2	4.2	121.8	0.0	-0.4	A N	10002
10003	4ACSR	48.4	12.5	0.0	A N	39	33	7	5	39	32	7	77	0.4	4.3	121.7	0.1	-0.5	A N	10003
10013	4ACSR	27.7	12.5	0.0	A N	4	4	1	1	4	3	1	80	0.0	1.7	124.3	0.0	-0.3	A N	10013
1002	4ACSR	23.1	12.5	0.0	A N	22	18	4	35	165	327	49	45	2.5	3.0	123.0	7.8	3.7	A N	1002
1006	4ACSR	27.8	12.5	0.0	A N	14	12	2	2	14	11	2	77	0.1	3.0	123.0	0.0	-0.2	A N	1006
1007	4ACSR	29.4	12.5	0.0	A N	15	13	3	31	121	294	43	38	2.0	5.0	121.0	6.0	2.8	A N	1007
1009	4ACSR	32.8	12.5	0.0	A N	7	6	1	25	66	251	36	26	0.8	5.8	120.2	2.2	1.0	A N	1009
1012	4ACSR	33.3	12.5	0.0	A N	2	11	2	25	57	244	35	23	0.1	5.9	120.1	0.3	0.1	A N	1012
10121	4ACSR	36.6	12.5	0.0	A N	2	8	1	24	54	232	33	23	0.7	6.6	119.4	1.9	0.8	A N	10121
782	4ACSR	41.6	12.5	0.0	A N	0	1	0	8	17	74	11	23	0.3	6.9	119.1	0.3	-0.1	A N	782
7821	4ACSR	46.7	12.5	0.0	A N	1	4	1	8	17	73	11	22	0.3	7.3	118.7	0.3	-0.1	A N	7821
7822	4ACSR	54.1	12.5	0.0	A N	13	57	8	6	13	57	8	22	0.2	7.5	118.5	0.1	-0.3	A N	7822
7823	4ACSR	52.9	12.5	0.0	A N	3	12	2	1	3	12	2	22	0.0	7.3	118.7	0.0	-0.3	A N	7823
781	4ACSR	41.0	12.5	0.0	A N	31	139	20	15	34	149	21	22	0.3	6.9	119.1	0.5	0.1	A N	781
1014	4ACSR	44.7	12.5	0.0	A N	2	10	1	1	2	10	1	22	0.0	6.9	119.1	0.0	-0.2	A N	1014
780	2ACSR	45.5	12.5	0.0	A N	0	0	0	0	0	-0	0	-21	0.0	6.9	119.1	-0.0	-0.8	A N	780
10111	4ACSR	30.9	12.5	0.0	A N	2	2	0	4	34	28	6	77	0.1	5.1	120.9	0.0	-0.1	A N	10111
1011	4ACSR	39.9	12.5	0.0	A N	32	26	6	4	32	26	6	77	0.2	5.3	120.7	0.1	-0.4	A N	1011

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********** Load-Flow Results For Bowen Ckt 2 **********
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Bowen Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					880	-534	45	-85			126.0			ABCN	Feeder
768	4ACSR	2.7	12.5	0.0	ABCN	308	-592	30	32	880	-534	45	-85	0.6	0.6	125.4	6.3	1.8	ABCN	768
Capacitor (Wye-Gnd Connected) at Center of Section 768																				
	ABCN : Nominal = 600 kvar					Actual = 658 kvar														
77011	4ACSR	3.3	12.5	0.0	ABCN	533	6	24	18	564	55	25	100	0.1	0.7	125.3	0.8	0.3	ABCN	77011
770	4ACSR	9.7	12.5	0.0	A N	22	37	6	5	30	49	8	52	0.3	1.5	124.5	0.1	-0.3	A N	770
7701	4ACSR	14.7	12.5	0.0	A N	2	3	1	1	8	12	2	54	0.1	1.5	124.5	0.0	-0.2	A N	7701
7702	4ACSR	19.7	12.5	0.0	A N	5	8	1	1	5	7	1	53	0.0	1.6	124.4	0.0	-0.2	A N	7702
7703	4ACSR	19.4	12.5	0.0	A N	1	2	0	0	1	1	0	57	0.0	1.6	124.4	0.0	-0.2	A N	7703

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**********Load-Flow Results For Bowen Ckt 3 **********
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Bowen Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1494	852	76	87			126.0			ABCN	Feeder
767	4ACSR	6.0	12.5	0.0	ABCN	93	78	5	54	1494	852	76	87	3.7	3.7	122.3	47.0	14.6	ABCN	767
766	397ACSR	8.4	12.5	0.0	ABCN	0	-0	0	10	1035	862	61	77	0.3	3.9	122.1	1.3	2.7	ABCN	766
753	1/0CU	12.4	12.5	0.0	ABCN	16	14	1	16	822	688	49	77	0.6	4.5	121.5	3.2	3.2	ABCN	753
765	1/0CU	18.0	12.5	0.0	ABCN	10	8	1	13	666	558	40	77	0.7	5.2	120.8	3.0	2.7	ABCN	765
760	1/0CU	21.8	12.5	0.0	ABCN	0	0	0	11	590	494	35	77	0.4	5.6	120.4	1.7	1.3	ABCN	760
761	336ACSR	25.1	12.5	0.0	ABCN	18	15	1	7	588	493	35	77	0.2	5.8	120.2	0.7	0.8	ABCN	761
762	336ACSR	25.9	12.5	0.0	ABCN	20	17	1	6	570	477	34	77	0.1	5.9	120.1	0.2	0.2	ABCN	762
7621	4ACSR	27.7	12.5	0.0	A N	13	11	2	2	13	11	2	77	0.0	6.3	119.7	0.0	-0.1	A N	7621
7622	336ACSR	30.7	12.5	0.0	ABCN	150	127	9	6	537	450	32	77	0.3	6.1	119.9	0.8	0.7	ABCN	7622
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7624																				
A N : Tap = 8 RAISE																				
Regulator		30.7	12.5	0.0	A N				47	258	215	47	77	-6.0	0.7	125.3	0.0	0.0	A N	Regulator
7624	4ACSR	35.9	12.5	0.0	A N	57	48	10	32	258	215	45	77	2.0	2.7	123.3	4.4	2.0	A N	7624
7625	4ACSR	41.6	12.5	0.0	A N	133	112	24	25	196	164	35	77	1.3	4.0	122.0	2.0	0.8	A N	7625
7626	4ACSR	47.5	12.5	0.0	A N	61	52	11	8	62	52	11	77	0.3	4.3	121.7	0.2	-0.2	A N	7626
7623	4ACSR	33.3	12.5	0.0	A N	125	106	23	16	126	106	23	77	0.3	7.0	119.0	0.4	0.1	A N	7623
751	4ACSR	23.6	12.5	0.0	A N	50	42	9	8	63	52	11	77	0.4	5.9	120.1	0.2	-0.2	A N	751
7511	4ACSR	29.9	12.5	0.0	A N	13	11	2	2	13	10	2	77	0.1	6.0	120.0	0.0	-0.3	A N	7511
752	1/0CU	18.5	12.5	0.0	ABCN	5	4	0	3	137	113	8	77	0.1	4.7	121.3	0.1	-0.9	ABCN	752
746	4ACSR	23.9	12.5	0.0	A N	62	52	11	17	131	109	24	77	1.0	6.0	120.0	1.0	0.3	A N	746
7461	4ACSR	28.4	12.5	0.0	A N	14	12	3	9	68	57	12	77	0.5	6.5	119.5	0.3	-0.1	A N	7461
7462	4ACSR	34.5	12.5	0.0	A N	54	45	10	7	54	45	10	77	0.3	6.8	119.2	0.2	-0.2	A N	7462
7531	4ACSR	9.9	12.5	0.0	ABCN	14	12	1	9	212	171	12	78	0.1	4.1	121.9	0.3	-0.1	ABCN	7531
754	4ACSR	13.2	12.5	0.0	A N	39	33	7	25	196	159	35	78	1.0	5.5	120.5	1.8	0.8	A N	754
7541	4ACSR	16.7	12.5	0.0	A N	26	22	5	20	156	125	28	78	0.9	6.3	119.7	1.2	0.5	A N	7541
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7542																				
A N : Tap = 8 RAISE																				
Regulator		16.7	12.5	0.0	A N				23	129	103	23	78	-6.0	0.4	125.6	0.0	-0.0	A N	Regulator
7542	4ACSR	24.4	12.5	0.0	A N	26	22	4	16	129	103	22	78	1.5	1.8	124.2	1.6	0.5	A N	7542
7543	2ACSR	28.0	12.5	0.0	A N	13	11	2	10	101	81	17	78	0.4	2.3	123.7	0.4	0.1	A N	7543
7544	2ACSR	32.8	12.5	0.0	A N	0	0	0	8	88	70	15	78	0.5	2.8	123.2	0.4	0.0	A N	7544
755	4ACSR	42.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-6	-0.0	2.8	123.2	0.0	-0.5	A N	755
756	4ACSR	34.2	12.5	0.0	A N	7	6	1	11	87	70	15	78	0.2	3.0	123.0	0.2	0.0	A N	756
7561	4ACSR	41.0	12.5	0.0	A N	17	14	3	2	17	14	3	77	0.1	3.1	122.9	0.0	-0.3	A N	7561
7562	4ACSR	42.6	12.5	0.0	A N	2	1	0	8	62	50	11	78	0.9	3.9	122.1	0.5	-0.1	A N	7562
7563	2ACSR	49.4	12.5	0.0	A N	7	6	1	6	60	48	11	78	0.5	4.4	121.6	0.2	-0.2	A N	7563
7564	2ACSR	53.8	12.5	0.0	A N	0	0	0	5	53	43	9	78	0.3	4.7	121.3	0.1	-0.1	A N	7564
7565	4ACSR	59.6	12.5	0.0	A N	0	0	0	7	53	43	9	78	0.5	5.3	120.7	0.3	-0.1	A N	7565
11311	4ACSR	64.9	12.5	0.0	A N	27	23	5	3	27	22	5	78	0.1	5.4	120.6	0.0	-0.2	A N	11311
1131	4ACSR	72.9	12.5	0.0	A N	0	0	0	0	0	-1	0	-25	-0.0	5.4	120.6	0.0	-0.4	A N	1131
11313	4ACSR	82.7	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	5.4	120.6	0.0	-0.5	A N	11313
1132	4ACSR	66.5	12.5	0.0	A N	25	21	5	3	25	21	5	77	0.2	5.4	120.6	0.0	-0.3	A N	1132
764	4ACSR	8.3	12.5	0.0	ABCN	46	39	3	11	319	-103	15	-95	0.2	3.9	122.1	0.8	-0.1	ABCN	764
7641	4ACSR	11.1	12.5	0.0	A N	40	34	7	5	40	34	7	77	0.1	4.4	121.6	0.0	-0.1	A N	7641
7642	2ACSR	12.6	12.5	0.0	ABCN	92	20	4	7	232	-175	13	-80	0.1	4.0	122.0	0.7	-0.4	ABCN	7642
7643	6ACWC	14.0	12.5	0.0	ABCN	2	-308	14	8	139	-195	11	-58	0.1	4.0	122.0	0.2	-0.2	ABCN	7643
Capacitor (Wye-Gnd Connected) at Center of Section 7643																				
ABCN : Nominal = 300 kvar Actual = 310 kvar																				
7644	2ACSR	20.3	12.5	0.0	A N	44	38	8	4	45	37	8	77	0.2	4.8	121.2	0.1	-0.3	A N	7644
763	336ACSR	17.4	12.5	0.0	ABCN	64	54	4	1	91	76	5	77	0.0	4.1	121.9	0.0	-0.6	ABCN	763
7631	336ACSR	22.0	12.5	0.0	ABCN	28	23	2	0	28	22	2	78	0.0	4.1	121.9	0.0	-0.9	ABCN	7631

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********** Load-Flow Results For Cave Run Ckt 1 **********
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Cave Run Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					610	196	28	95			126.0			ABCN	Feeder
11024	4/0ACSR	0.4	12.5	0.0	ABCN	0	0	0	8	610	196	28	95	0.0	0.0	126.0	0.1	0.1	ABCN	11024
1024	4/0ACSR	4.1	12.5	0.0	ABCN	102	45	5	8	610	196	28	95	0.2	0.3	125.7	0.9	0.4	ABCN	1024
10241	4/0ACSR	7.6	12.5	0.0	ABCN	109	48	5	7	507	151	23	96	0.2	0.4	125.6	0.6	0.0	ABCN	10241
10291	4/0ACSR	8.6	12.5	0.0	ABCN	36	16	2	5	397	102	18	97	0.0	0.5	125.5	0.1	-0.1	ABCN	10291
1029	4/0ACSR	11.2	12.5	0.0	ABCN	23	10	1	4	311	64	14	98	0.1	0.6	125.4	0.2	-0.3	ABCN	1029
1038	4/0ACSR	18.4	12.5	0.0	ABCN	18	8	1	4	288	54	13	98	0.2	0.8	125.2	0.4	-1.0	ABCN	1038
10381	4/0ACSR	27.4	12.5	0.0	ABCN	0	0	0	4	269	47	12	98	0.2	1.0	125.0	0.4	-1.2	ABCN	10381
1039	1/0EPR	30.9	12.5	0.0	ABCN	0	-0	0	3	109	34	5	96	0.4	1.4	124.6	0.3	-0.5	ABCN	1039
1027	1/0EPR	35.4	12.5	0.0	ABCN	0	-0	0	1	43	9	2	98	0.2	1.6	124.4	0.1	-1.0	ABCN	1027
10271	1/0EPR	39.6	12.5	0.0	ABCN	35	10	2	1	43	10	2	98	0.1	1.7	124.3	0.1	-0.9	ABCN	10271
1025	2XLP	43.0	12.5	0.0	ABCN	8	1	0	0	8	0	0	100	0.0	1.7	124.3	0.0	-0.8	ABCN	1025
1032	1/0EPR	34.9	12.5	0.0	ABCN	23	10	1	2	66	25	3	93	0.2	1.6	124.4	0.1	-0.8	ABCN	1032
10321	1/0EPR	47.8	12.5	0.0	ABCN	0	0	0	1	43	16	2	94	0.6	2.2	123.8	0.2	-2.7	ABCN	10321
10322	1/0EPR	50.4	12.5	0.0	A N	1	1	0	3	43	18	6	92	0.4	2.9	123.1	0.1	-0.1	A N	10322
1031	4ACSR	55.7	12.5	0.0	A N	9	4	1	4	42	18	6	92	0.3	3.2	122.8	0.1	-0.2	A N	1031
10311	4ACSR	59.7	12.5	0.0	A N	32	14	5	3	32	14	5	92	0.1	3.3	122.7	0.0	-0.2	A N	10311
10391	1/0EPR	31.1	12.5	0.0	ABCN	76	15	3	4	159	15	7	100	0.4	1.4	124.6	0.5	-0.3	ABCN	10391
10251	2XLP	33.8	12.5	0.0	ABCN	82	0	4	4	82	-0	4	-100	0.1	1.5	124.5	0.2	-0.4	ABCN	10251
10292	4ACSR	10.9	12.5	0.0	A N	50	22	7	5	50	22	7	92	0.1	0.7	125.3	0.0	-0.1	A N	10292
12024	4/0ACSR	0.5	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.0	ABCN	12024

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********** Load-Flow Results For Cave Run Ckt 2 **********
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Cave Run Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					680	180	31	97			126.0			ABCN	Feeder
11026	4/0ACSR	0.4	12.5	0.0	ABCN	46	20	2	9	680	180	31	97	0.0	0.0	126.0	0.1	0.1	ABCN	11026
1026	4/0ACSR	1.0	12.5	0.0	ABCN	18	8	1	8	634	160	29	97	0.0	0.1	125.9	0.2	0.1	ABCN	1026
10261	4/0ACSR	1.6	12.5	0.0	ABCN	35	15	2	8	616	152	28	97	0.0	0.1	125.9	0.2	0.1	ABCN	10261
10242	4ACSR	4.8	12.5	0.0	A N	204	71	29	20	204	71	29	94	0.5	0.6	125.4	0.7	0.2	A N	10242
10260	4/0ACSR	3.9	12.5	0.0	ABCN	75	29	4	5	377	66	17	99	0.1	0.2	125.8	0.2	-0.2	ABCN	10260
10262	4/0ACSR	4.2	12.5	0.0	ABCN	0	0	0	4	301	37	13	99	0.0	0.2	125.8	0.0	-0.0	ABCN	10262
1023	1/0ACSR	7.9	12.5	0.0	ABCN	174	5	8	6	301	37	13	99	0.1	0.3	125.7	0.4	-0.3	ABCN	1023
10231	1/0ACSR	10.7	12.5	0.0	ABCN	4	2	0	1	56	6	2	99	0.0	0.4	125.6	0.0	-0.5	ABCN	10231
10232	1/0EPR	15.7	12.5	0.0	ABCN	51	5	2	1	51	4	2	100	0.1	0.5	125.5	0.1	-1.0	ABCN	10232
10233	4ACSR	9.3	12.5	0.0	ABCN	0	-0	0	2	72	27	3	94	0.0	0.4	125.6	0.0	-0.2	ABCN	10233
1018	1/0ACSR	19.5	12.5	0.0	ABCN	0	-0	0	0	0	-4	0	0	-0.0	0.4	125.6	0.0	-2.0	ABCN	1018
10181	1/0ACSR	28.2	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.4	125.6	0.0	-1.7	ABCN	10181
1019	4ACSR	14.8	12.5	0.0	A N	71	31	10	7	71	31	10	92	0.3	0.8	125.2	0.2	-0.2	A N	1019

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********** Load-Flow Results For Clay City Ckt 1 **********
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Clay City Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	-- 120V Base -- Accm Volt Drop	-- 120V Base -- Volt Level	Losses KW	Losses KVAR	Phs Cfg	Phs Section
Feeder			12.5	0.0	ABCN					2756	378	123	99			126.0			ABCN	Feeder
5604	4/0ACSR	1.8	12.5	0.0	ABCN	4	2	0	36	2756	378	123	99	0.5	0.5	125.5	8.9	11.2	ABCN	5604
560	4/0ACSR	4.5	12.5	0.0	ABCN	49	28	3	36	2743	364	122	99	0.7	1.2	124.8	13.4	16.9	ABCN	560
5601	2ACSR	6.5	12.5	0.0	ABCN	454	6	20	11	455	7	20	100	0.1	1.3	124.7	1.4	0.6	ABCN	5601
5602	4/0ACSR	5.1	12.5	0.0	ABCN	14	8	1	29	2225	312	100	99	0.1	1.3	124.7	2.0	2.5	ABCN	5602
556	4/0ACSR	8.7	12.5	0.0	ABCN	160	92	8	15	1080	303	50	96	0.4	1.7	124.3	2.8	2.9	ABCN	556
5561	4/0ACSR	10.8	12.5	0.0	ABCN	98	56	5	12	918	208	42	98	0.2	1.9	124.1	1.1	1.1	ABCN	5561
5562	4/0ACSR	13.6	12.5	0.0	ABCN	154	89	8	11	819	150	37	98	0.2	2.1	123.9	1.1	1.0	ABCN	5562
553	4ACSR	14.5	12.5	0.0	ABCN	13	-312	14	21	663	60	30	100	0.3	2.4	123.6	1.4	0.3	ABCN	553
Capacitor (Wye-Gnd Connected) at Center of Section 553																				
ABCN : Nominal = 300 kvar Actual = 319 kvar																				
5531	4ACSR	20.4	12.5	0.0	A N	24	14	4	3	25	14	4	87	0.1	2.8	123.2	0.0	-0.3	A N	5531
5532	4ACSR	15.0	12.5	0.0	ABCN	8	4	0	23	624	357	32	87	0.1	2.5	123.5	0.6	0.1	ABCN	5532
552	4/0ACSR	17.8	12.5	0.0	ABCN	52	30	3	5	346	197	18	87	0.1	2.6	123.4	0.3	-0.2	ABCN	552
5521	4/0ACSR	19.5	12.5	0.0	A N	62	36	10	3	62	36	10	87	0.0	3.0	123.0	0.0	-0.1	A N	5521
5522	4/0ACSR	20.2	12.5	0.0	A N	41	24	6	2	41	24	6	87	0.0	3.0	123.0	0.0	-0.1	A N	5522
5523	4/0ACSR	19.9	12.5	0.0	ABCN	100	57	5	3	189	107	10	87	0.0	2.7	123.3	0.1	-0.3	ABCN	5523
550	4/0ACSR	22.7	12.5	0.0	ABCN	42	24	2	1	82	46	4	87	0.0	2.7	123.3	0.0	-0.5	ABCN	550
541	4/0ACSR	26.3	12.5	0.0	ABCN	28	16	1	0	28	16	1	88	0.0	2.7	123.3	0.0	-0.7	ABCN	541
542	6ACWC	32.2	12.5	0.0	A N	13	7	2	1	13	7	2	88	0.1	3.2	122.8	0.0	-0.5	A N	542
551	4/0ACSR	20.9	12.5	0.0	A N	7	4	1	0	7	4	1	87	0.0	3.1	122.9	0.0	-0.1	A N	551
554	4ACSR	19.1	12.5	0.0	A N	144	83	23	30	269	155	42	87	1.3	4.1	121.9	2.4	1.0	A N	554
555	4/0ACSR	24.1	12.5	0.0	A N	123	71	19	6	123	71	19	87	0.2	4.3	121.7	0.1	-0.0	A N	555
559	4/0ACSR	5.9	12.5	0.0	ABCN	0	-0	0	12	934	-114	42	-99	0.1	1.4	124.6	0.5	0.5	ABCN	559
5591	2ACSR	7.5	12.5	0.0	ABCN	47	21	2	23	933	-115	42	-99	0.3	1.7	124.3	2.6	1.0	ABCN	5591
558	4/0ACSR	8.9	12.5	0.0	ABCN	92	-591	27	9	619	-288	31	-91	0.1	1.8	124.2	0.4	0.3	ABCN	558
Capacitor (Wye-Gnd Connected) at Center of Section 558																				
ABCN : Nominal = 600 kvar Actual = 644 kvar																				
557	336ACSR	12.5	12.5	0.0	ABCN	100	57	5	5	527	302	27	87	0.2	1.9	124.1	0.4	0.1	ABCN	557
9557	336ACSR	17.3	12.5	0.0	ABCN	147	85	8	4	427	244	22	87	0.2	2.1	123.9	0.4	-0.2	ABCN	9557
95571	336ACSR	19.8	12.5	0.0	ABCN	73	42	4	3	280	160	14	87	0.1	2.1	123.9	0.1	-0.4	ABCN	95571
95572	4ACSR	20.6	12.5	0.0	A N	0	0	0	15	133	76	21	87	0.2	2.6	123.4	0.2	0.1	A N	95572
9331	4ACSR	26.6	12.5	0.0	A N	54	31	8	7	63	36	10	87	0.3	3.0	123.0	0.2	-0.2	A N	9331
331	2ACSR	29.9	12.5	0.0	A N	8	5	1	1	8	5	1	87	0.0	3.0	123.0	0.0	-0.2	A N	331
95573	4ACSR	23.7	12.5	0.0	A N	70	41	11	8	70	40	11	87	0.2	2.8	123.2	0.1	-0.1	A N	95573
565	4ACSR	25.8	12.5	0.0	A N	73	41	11	8	73	41	11	87	0.3	2.8	123.2	0.2	-0.2	A N	565
578	4ACSR	10.0	12.5	0.0	A N	86	50	13	29	264	151	41	87	0.9	2.6	123.4	1.6	0.7	A N	578
5781	4ACSR	13.1	12.5	0.0	A N	68	39	11	8	68	39	11	87	0.2	2.8	123.2	0.1	-0.1	A N	5781
5782	4ACSR	11.9	12.5	0.0	A N	61	35	10	12	108	62	17	87	0.2	2.8	123.2	0.2	-0.0	A N	5782
5783	4ACSR	14.2	12.5	0.0	A N	46	27	7	5	46	26	7	87	0.1	2.9	123.1	0.0	-0.1	A N	5783
5603	4/0ACSR	7.7	12.5	0.0	A N	117	67	18	9	195	112	30	87	0.2	1.6	124.4	0.2	0.2	A N	5603
5672	4/0ACSR	9.9	12.5	0.0	A N	78	45	12	4	78	45	12	87	0.1	1.6	124.4	0.0	-0.1	A N	5672

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********** Load-Flow Results For Clay City Ckt 2 **********
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Clay City Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2764	622	125	98			126.0			ABCN	Feeder
56701	4/0ACSR	0.1	12.5	0.0	ABCN	0	-0	0	37	2764	622	125	98	0.0	0.0	126.0	0.7	0.9	ABCN	56701
567	4/0ACSR	1.8	12.5	0.0	ABCN	5	3	0	36	2690	580	121	98	0.5	0.5	125.5	8.1	10.2	ABCN	567
5671	4/0ACSR	4.4	12.5	0.0	ABCN	6	4	0	36	2677	567	121	98	0.8	1.3	124.7	13.2	16.6	ABCN	5671
571	4/0ACSR	7.9	12.5	0.0	ABCN	193	-617	29	36	2657	547	121	98	1.1	2.3	123.7	17.1	21.6	ABCN	571
Capacitor (Wye-Gnd Connected) at Center of Section 571																				
	ABCN : Nominal = 600 kvar					Actual = 643 kvar														
5710	4/0ACSR	8.2	12.5	0.0	ABCN	4	2	0	18	1257	500	61	93	0.0	2.4	123.6	0.3	0.4	ABCN	5710
5711	4/0ACSR	8.5	12.5	0.0	ABCN	72	24	3	17	1209	472	58	93	0.1	2.4	123.6	0.4	0.4	ABCN	5711
573	4/0ACSR	10.6	12.5	0.0	ABCN	156	40	7	16	1137	448	55	93	0.3	2.7	123.3	1.9	2.1	ABCN	573
5731	4/0ACSR	11.1	12.5	0.0	ABCN	95	54	5	7	437	244	23	87	0.0	2.7	123.3	0.1	0.0	ABCN	5731
5758	4/0ACSR	11.4	12.5	0.0	ABCN	37	16	2	5	342	190	18	87	0.0	2.7	123.3	0.0	-0.0	ABCN	5758
5755	4/0ACSR	12.1	12.5	0.0	A N	34	19	5	2	34	19	5	87	0.0	2.9	123.1	0.0	-0.0	A N	5755
5757	4/0ACSR	11.8	12.5	0.0	ABCN	4	2	0	3	167	95	9	87	0.0	2.7	123.3	0.0	-0.1	ABCN	5757
5751	6ACWC	12.7	12.5	0.0	A N	33	19	5	4	33	19	5	87	0.0	3.0	123.0	0.0	-0.0	A N	5751
5754	6ACWC	12.3	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	2.6	123.4	0.0	-0.1	BCN	5754
5756	4/0ACSR	12.1	12.5	0.0	ABCN	5	3	0	2	129	74	7	87	0.0	2.7	123.3	0.0	-0.1	ABCN	5756
575	4/0ACSR	13.0	12.5	0.0	ABCN	84	48	4	1	84	48	4	87	0.0	2.8	123.2	0.0	-0.2	ABCN	575
5750	6ACWC	13.0	12.5	0.0	A N	40	23	6	4	40	23	6	87	0.0	3.0	123.0	0.0	-0.0	A N	5750
5753	6ACWC	12.8	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	2.6	123.4	0.0	-0.1	BCN	5753
5752	6ACWC	12.2	12.5	0.0	AB N	104	60	8	6	104	60	8	87	0.0	2.8	123.2	0.1	-0.1	AB N	5752
5732	336ACSR	12.3	12.5	0.0	ABCN	199	23	9	4	425	104	20	97	0.0	2.7	123.3	0.1	-0.1	ABCN	5732
5733	4/0ACSR	13.4	12.5	0.0	A N	51	21	7	2	51	21	7	93	0.0	3.0	123.0	0.0	-0.1	A N	5733
5734	336ACSR	14.0	12.5	0.0	ABCN	175	60	8	2	175	59	8	95	0.0	2.7	123.3	0.0	-0.2	ABCN	5734
5735	4/0ACSR	11.6	12.5	0.0	A N	116	57	18	5	116	57	18	90	0.0	2.9	123.1	0.0	-0.0	A N	5735
5691	4ACSR	10.0	12.5	0.0	A N	44	25	7	5	44	25	7	87	0.1	2.5	123.5	0.0	-0.1	A N	5691
605	6ACWC	9.2	12.5	0.0	ABCN	21	12	1	43	1190	642	61	88	0.6	2.9	123.1	6.4	2.0	ABCN	605
6053	6ACWC	11.2	12.5	0.0	ABCN	11	6	1	39	1053	566	54	88	0.9	3.8	122.2	8.3	2.5	ABCN	6053
604	6ACWC	11.9	12.5	0.0	ABCN	14	8	1	26	700	384	36	88	0.2	4.0	122.0	1.2	0.3	ABCN	604
6043	1/0ACSR	14.0	12.5	0.0	ABCN	83	47	4	14	624	341	32	88	0.3	4.3	121.7	1.3	0.6	ABCN	6043
6042	1/0ACSR	17.2	12.5	0.0	A N	89	37	13	6	89	37	13	93	0.1	4.6	121.4	0.1	-0.1	A N	6042
606	4ACSR	15.3	12.5	0.0	A N	20	11	3	25	219	125	35	87	0.4	4.9	121.1	0.8	0.3	A N	606
6061	4ACSR	17.1	12.5	0.0	A N	82	47	13	9	82	46	13	87	0.1	5.0	121.0	0.1	-0.0	A N	6061
6062	4ACSR	18.9	12.5	0.0	A N	74	42	12	13	117	66	19	87	0.5	5.4	120.6	0.4	0.0	A N	6062
60621	2ACSR	22.6	12.5	0.0	A N	43	24	7	4	43	24	7	87	0.1	5.5	120.5	0.0	-0.2	A N	60621
607	4ACSR	16.3	12.5	0.0	A N	43	25	7	26	230	130	36	87	0.8	5.3	120.7	1.3	0.6	A N	607
6071	4ACSR	23.1	12.5	0.0	A N	61	35	10	7	61	34	10	87	0.3	5.6	120.4	0.2	-0.2	A N	6071
6072	4ACSR	23.1	12.5	0.0	A N	124	71	20	14	124	71	20	87	0.7	5.9	120.1	0.7	0.1	A N	6072
6041	1/0ACSR	14.0	12.5	0.0	A N	62	35	10	4	62	35	10	87	0.1	4.2	121.8	0.0	-0.1	A N	6041
568	336ACSR	11.7	12.5	0.0	ABCN	1	1	0	3	333	173	17	89	0.0	3.8	122.2	0.0	-0.0	ABCN	568
566	1/0ACSR	13.4	12.5	0.0	A N	56	32	9	16	233	132	37	87	0.3	4.3	121.7	0.5	0.4	A N	566
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 566																				
	A N : Tap = 5				RAISE															
Regulator			13.4	12.5	0.0	A N				28	176	100	28	87	-3.8	0.5	125.5	0.0	0.0	A N	Regulator
5663	1/0ACSR	17.8	12.5	0.0	A N	48	28	7	12	176	100	27	87	0.6	1.1	124.9	0.6	0.4	A N	5663
5662	1/0ACSR	19.8	12.5	0.0	A N	23	13	3	6	89	50	14	87	0.1	1.2	124.8	0.1	-0.0	A N	5662
368	1/0ACSR	27.3	12.5	0.0	A N	20	11	3	1	20	11	3	88	0.1	1.3	124.7	0.0	-0.4	A N	368
569	4ACSR	24.9	12.5	0.0	A N	46	26	7	5	46	26	7	87	0.2	1.4	124.6	0.1	-0.2	A N	569
5661	6ACWC	20.3	12.5	0.0	A N	38	22	6	4	38	22	6	87	0.1	1.2	124.8	0.0	-0.1	A N	5661
6052	336ACSR	12.8	12.5	0.0	ABCN	99	40	5	1	99	40	5	93	0.0	3.8	122.2	0.0	-0.2	ABCN	6052
6051	6ACWC	12.3	12.5	0.0	A N	109	62	17	12	109	62	17	87	0.3	3.3	122.7	0.2	-0.0	A N	6051
561	6ACWC	3.5	12.5	0.0	A N	73	42	11	8	73	42	11	87	0.2	0.2	125.8	0.1	-0.1	A N	561

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********** Load-Flow Results For Clay City Ckt 3 **********
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Clay City Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					318	-300	19	-73			126.0			ABCN	Feeder
H	58001	336ACSR	1.3	12.5	0.0	ABCN	318	-300	19	4	318	-300	19	-73	-0.0	-0.0	126.0	0.1	-0.0	ABCN	58001

Capacitor (Wye-Gnd Connected) at Center of Section 58001
ABCN : Nominal = 300 kvar Actual = 331 kvar

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********** Load-Flow Results For Clay City Ckt 4 **********
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Clay City Ckt 4

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Ldg Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					4132	933	187	98			126.0			ABCN	Feeder
580	336ACSR	2.8	12.5	0.0	ABCN	0	0	0	35	4132	933	187	98	0.7	0.7	125.3	17.2	35.5	ABCN	580
5801	336ACSR	5.4	12.5	0.0	ABCN	6	3	0	33	3919	791	177	98	0.6	1.3	124.7	14.1	29.1	ABCN	5801
528	336ACSR	6.8	12.5	0.0	ABCN	12	7	1	5	496	268	25	88	0.1	1.4	124.6	0.1	0.0	ABCN	528
9525	6ACWC	10.2	12.5	0.0	A N	104	56	16	11	104	56	16	88	0.3	1.7	124.3	0.2	-0.0	A N	9525
525	336ACSR	9.5	12.5	0.0	ABCN	27	15	1	4	380	205	19	88	0.1	1.5	124.5	0.2	-0.2	ABCN	525
5251	6ACWC	10.5	12.5	0.0	A N	76	41	12	8	76	41	12	88	0.1	1.6	124.4	0.0	-0.0	A N	5251
5252	6ACWC	15.3	12.5	0.0	A N	153	83	23	30	276	149	42	88	1.7	3.2	122.8	3.0	1.5	A N	5252
5253	6ACWC	20.5	12.5	0.0	A N	75	41	12	13	121	65	19	88	0.6	3.8	122.2	0.5	0.0	A N	5253
5254	6ACWC	25.4	12.5	0.0	A N	45	24	7	5	45	24	7	88	0.2	4.0	122.0	0.1	-0.2	A N	5254
574	336ACSR	7.7	12.5	0.0	ABCN	33	18	2	29	3403	491	153	99	0.4	1.8	124.2	9.2	18.8	ABCN	574
5759	4/0ACSR	7.8	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.0	ABCN	5759
576	4/0ACSR	12.1	12.5	0.0	ABCN	51	28	3	45	3361	454	152	99	1.4	3.2	122.8	33.4	42.6	ABCN	576
5761	4/0ACSR	14.5	12.5	0.0	ABCN	22	12	1	42	3156	318	144	99	0.7	3.9	122.1	16.5	21.0	ABCN	5761
5763	336ACSR	16.8	12.5	0.0	ABCN	40	22	2	24	2740	141	125	100	0.3	4.2	121.8	6.1	12.4	ABCN	5763
57631	336ACSR	16.8	12.5	0.0	ABCN	11	6	1	23	2694	107	123	100	0.0	4.2	121.8	0.1	0.3	ABCN	57631
5764	336ACSR	17.2	12.5	0.0	ABCN	9	5	0	0	9	5	0	88	0.0	4.2	121.8	0.0	-0.1	ABCN	5764
5765	336ACSR	18.1	12.5	0.0	ABCN	185	83	9	23	2674	95	122	100	0.1	4.4	121.6	3.1	6.2	ABCN	5765
5766	336ACSR	19.3	12.5	0.0	ABCN	111	58	6	21	2485	6	114	100	0.1	4.5	121.5	2.7	5.4	ABCN	5766
5767	336ACSR	21.5	12.5	0.0	ABCN	78	31	4	1	78	31	4	93	0.0	4.5	121.5	0.0	-0.4	ABCN	5767
57661	336ACSR	19.7	12.5	0.0	ABCN	15	8	1	0	15	8	1	88	0.0	4.5	121.5	0.0	-0.1	ABCN	57661
602	1/0ACSR	22.3	12.5	0.0	ABCN	247	97	12	45	2278	-97	104	-100	1.0	5.5	120.5	18.7	13.8	ABCN	602
610	1/0ACSR	24.3	12.5	0.0	ABCN	6	3	0	41	2012	-207	93	-99	0.6	6.1	119.9	11.4	8.2	ABCN	610
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 610																					
		ABCN : Tap = 7 RAISE																			
C Regulator			24.3	12.5	0.0	ABCN				93	1995	-219	93	-99	-5.5	0.6	125.4	-0.0	0.0	ABCN	Regulator
6101	1/0ACSR	28.9	12.5	0.0	ABCN	109	59	6	39	1995	-219	89	-99	1.3	1.9	124.1	22.1	15.9	ABCN	6101
6102	1/0ACSR	31.5	12.5	0.0	ABCN	34	-620	28	37	1864	-294	84	-99	0.7	2.6	123.4	11.4	8.1	ABCN	6102
Capacitor (Wye-Gnd Connected) at Center of Section 6102																					
		ABCN : Nominal = 600 kvar Actual = 639 kvar																			
635	1/0ACSR	35.4	12.5	0.0	ABCN	93	51	5	29	1456	122	66	100	0.9	3.5	122.5	10.1	6.9	ABCN	635
6361	1/0ACSR	36.4	12.5	0.0	ABCN	2	1	0	21	1062	-94	48	-100	0.2	3.7	122.3	1.5	0.9	ABCN	6361
636	1/0ACSR	39.5	12.5	0.0	ABCN	64	-586	27	21	1058	-96	48	-100	0.6	4.3	121.7	4.9	3.1	ABCN	636
Capacitor (Wye-Gnd Connected) at Center of Section 636																					
		ABCN : Nominal = 600 kvar Actual = 621 kvar																			
637	1/0ACSR	42.5	12.5	0.0	ABCN	53	29	3	15	656	326	33	90	0.4	4.7	121.3	2.0	1.0	ABCN	637
6371	1/0ACSR	45.3	12.5	0.0	A N	125	68	20	9	125	68	20	88	0.2	5.2	120.8	0.2	0.0	A N	6371
6372	1/0ACSR	46.8	12.5	0.0	ABCN	166	59	8	11	476	227	24	90	0.4	5.1	120.9	1.4	0.4	ABCN	6372
6373	1/0ACSR	51.2	12.5	0.0	ABCN	141	77	7	7	308	167	16	88	0.2	5.3	120.7	0.7	-0.2	ABCN	6373
6401	1/0ACSR	54.8	12.5	0.0	A N	84	46	13	6	84	46	13	88	0.1	6.2	119.8	0.1	-0.1	A N	6401
640	4ACSR	57.9	12.5	0.0	A N	81	44	13	9	81	44	13	88	0.4	6.5	119.5	0.3	-0.2	A N	640
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 641																					
		A N : Tap = 6 RAISE																			
Regulator			39.5	12.5	0.0	A N				51	333	159	51	90	-4.6	0.0	126.0	0.0	0.0	A N	Regulator
641	336ACSR	43.3	12.5	0.0	A N	6	3	1	9	333	159	49	90	0.5	0.5	125.5	0.8	1.5	A N	641
6411	4ACSR	44.8	12.5	0.0	A N	1	0	0	34	327	154	48	90	0.7	1.2	124.8	1.9	0.9	A N	6411
6413	4ACSR	51.6	12.5	0.0	A N	89	48	14	26	239	129	36	88	2.0	3.2	122.8	3.3	1.4	A N	6413
6414	4ACSR	55.2	12.5	0.0	A N	120	65	19	16	147	79	23	88	0.5	3.7	122.3	0.5	0.1	A N	6414
64141	4ACSR	58.0	12.5	0.0	A N	0	0	0	3	27	14	4	89	0.1	3.8	122.2	0.0	-0.1	A N	64141
6415	4ACSR	59.2	12.5	0.0	A N	15	8	2	2	15	8	2	88	0.0	3.9	122.1	0.0	-0.1	A N	6415
646	4ACSR	65.2	12.5	0.0	A N	12	6	2	1	12	6	2	89	0.1	3.9	122.1	0.0	-0.3	A N	646
6412	4ACSR	51.5	12.5	0.0	A N	85	24	12	8	85	24	12	96	0.4	1.6	124.4	0.3	-0.2	A N	6412
634	4ACSR	41.1	12.5	0.0	A N	144	78	23	32	290	157	45	88	1.9	5.7	120.3	3.8	1.7	A N	634
6341	4ACSR	45.1	12.5	0.0	A N	141	77	22	16	141	77	22	88	0.5	6.1	119.9	0.5	0.1	A N	6341
633	336ACSR	37.9	12.5	0.0	ABCN	37	20	2	4	363	196	19	88	0.2	2.8	123.2	0.4	-0.6	ABCN	633
6331	4ACSR	42.1	12.5	0.0	A N	35	19	5	14	129	69	20	88	0.7	3.7	122.3	0.7	0.1	A N	6331
6334	4ACSR	44.0	12.5	0.0	A N	27	14	4	3	27	14	4	88	0.0	3.7	122.3	0.0	-0.1	A N	6334
6335	4ACSR	44.5	12.5	0.0	A N	67	36	10	7	67	36	10	88	0.1	3.8	122.2	0.1	-0.1	A N	6335
6336	4ACSR	40.9	12.5	0.0	A N	56	30	9	22	197	106	30	88	0.8	3.7	122.3	1.1	0.4	A N	6336
6332	4ACSR	42.4	12.5	0.0	A N	22	12	3	2	22	12	3	88	0.0	3.8	122.2	0.0	-0.1	A N	6332
6333	4ACSR	43.3	12.5	0.0	A N	45	24	7	13	119	64	18	88	0.4	4.1	121.9	0.3	0.0	A N	6333

Clay City Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6337	2ACSR	47.0	12.5	0.0	A N	0	0	0	6	74	39	11	88	0.3	4.4	121.6	0.2	-0.1	A N	6337
6342	4ACSR	57.5	12.5	0.0	A N	73	40	11	8	73	39	11	88	0.6	5.0	121.0	0.4	-0.3	A N	6342
6788	336ACSR	23.6	12.5	0.0	ABCN	24	13	1	0	24	11	1	91	0.0	3.9	122.1	0.0	-1.8	ABCN	6788
678	336ACSR	16.4	12.5	0.0	ABCN	0	0	0	3	354	134	17	94	0.1	4.0	122.0	0.1	-0.2	ABCN	678
6782	336ACSR	19.4	12.5	0.0	ABCN	23	12	1	2	220	61	10	96	0.0	4.0	122.0	0.1	-0.5	ABCN	6782
6786	336ACSR	22.0	12.5	0.0	ABCN	110	3	5	1	120	8	5	100	0.0	4.0	122.0	0.0	-0.5	ABCN	6786
6787	4ACSR	23.2	12.5	0.0	AB N	10	5	1	1	10	5	1	89	0.0	4.0	122.0	0.0	-0.1	AB N	6787
6783	4ACSR	21.0	12.5	0.0	A N	10	5	2	9	77	41	12	88	0.2	4.3	121.7	0.1	-0.0	A N	6783
6784	4ACSR	23.2	12.5	0.0	A N	18	10	3	7	67	36	10	88	0.2	4.5	121.5	0.1	-0.1	A N	6784
6785	4ACSR	30.5	12.5	0.0	A N	49	26	8	5	49	26	8	88	0.3	4.8	121.2	0.1	-0.3	A N	6785
6781	4ACSR	19.4	12.5	0.0	A N	134	73	21	15	134	73	21	88	0.3	4.4	121.6	0.4	0.0	A N	6781
5762	4/0ACSR	17.1	12.5	0.0	A N	120	65	19	5	120	65	19	88	0.2	3.5	122.5	0.1	-0.1	A N	5762
5692	6ACWC	7.4	12.5	0.0	A N	93	50	14	10	93	50	14	88	0.3	1.0	125.0	0.2	-0.1	A N	5692
572	6ACWC	7.5	12.5	0.0	A N	103	56	16	11	103	56	16	88	0.3	1.1	124.9	0.3	-0.1	A N	572

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********** Load-Flow Results For Frenchburg Ckt 1 **********
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Frenchburg Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1513	173	67	99			126.0			ABCN	Feeder
1074	1/0CU	0.6	12.5	0.0	ABCN	53	30	3	22	1513	173	67	99	0.1	0.1	125.9	0.9	1.0	ABCN	1074
1061	6ACWC	3.2	12.5	0.0	ABCN	28	16	1	46	1458	142	65	100	1.3	1.4	124.6	14.8	4.6	ABCN	1061
10611	336ACSR	6.2	12.5	0.0	ABCN	4	3	0	12	1416	121	63	100	0.2	1.6	124.4	2.1	3.7	ABCN	10611
10612	6ACWC	12.3	12.5	0.0	ABCN	44	25	2	45	1409	115	63	100	3.0	4.6	121.4	32.7	10.2	ABCN	10612
10543	6ACWC	14.0	12.5	0.0	ABCN	0	-0	0	41	1263	41	58	100	0.8	5.4	120.6	7.7	2.4	ABCN	10543
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10543																				
	ABCN : Tap = 7 RAISE																			
Regulator		14.0	12.5	0.0	ABCN				58	1255	38	58	100	-5.3	0.1	125.9	0.0	-0.0	ABCN	Regulator
1054	6ACWC	17.4	12.5	0.0	ABCN	58	33	3	40	1255	38	55	100	1.4	1.5	124.5	13.8	4.2	ABCN	1054
10541	4ACSR	21.1	12.5	0.0	ABCN	55	31	3	38	1183	1	53	100	1.5	3.0	123.0	14.5	4.2	ABCN	10541
1052	4ACSR	22.2	12.5	0.0	ABCN	27	1	1	33	1033	-79	47	-100	0.4	3.5	122.5	3.6	1.0	ABCN	1052
10522	4ACSR	26.9	12.5	0.0	ABCN	15	-609	28	32	980	-94	45	-100	1.8	5.2	120.8	15.1	4.2	ABCN	10522
Capacitor (Wye-Gnd Connected) at Center of Section 10522																				
	ABCN : Nominal = 600 kvar Actual = 617 kvar																			
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10522																				
	ABCN : Tap = 6 RAISE																			
Regulator		26.9	12.5	0.0	ABCN				50	950	511	50	88	-4.8	0.5	125.5	0.0	0.0	ABCN	Regulator
1041	6ACWC	33.5	12.5	0.0	ABCN	106	60	5	12	341	169	17	90	0.8	1.2	124.8	2.2	-0.3	ABCN	1041
10413	6ACWC	35.9	12.5	0.0	ABCN	43	17	2	6	180	79	9	92	0.2	1.4	124.6	0.2	-0.3	ABCN	10413
1035	4ACSR	41.7	12.5	0.0	ABCN	67	38	3	4	112	49	5	92	0.2	1.6	124.4	0.3	-0.9	ABCN	1035
10351	4ACSR	52.4	12.5	0.0	ABCN	45	13	2	1	45	12	2	97	0.1	1.6	124.4	0.1	-1.8	ABCN	10351
1036	6ACWC	39.6	12.5	0.0	A N	16	9	2	3	25	14	4	87	0.1	1.9	124.1	0.0	-0.2	A N	1036
10361	6ACWC	43.0	12.5	0.0	A N	9	5	1	1	9	5	1	88	0.0	1.9	124.1	0.0	-0.2	A N	10361
10411	6ACWC	38.3	12.5	0.0	A N	25	14	4	6	52	29	8	87	0.3	1.8	124.2	0.1	-0.2	A N	10411
10412	6ACWC	45.7	12.5	0.0	A N	27	15	4	3	27	15	4	87	0.1	2.0	124.0	0.0	-0.4	A N	10412
1040	336ACSR	31.5	12.5	0.0	ABCN	45	26	2	6	609	342	31	87	0.3	0.7	125.3	0.7	0.5	ABCN	1040
712	4ACSR	37.1	12.5	0.0	A N	95	54	15	16	150	84	23	87	0.9	1.6	124.4	0.9	0.2	A N	712
71200	4ACSR	44.7	12.5	0.0	A N	19	11	3	6	54	30	8	87	0.5	2.1	123.9	0.2	-0.3	A N	71200
71201	4ACSR	52.4	12.5	0.0	A N	35	20	5	4	35	20	5	87	0.2	2.3	123.7	0.1	-0.4	A N	71201
10375	336ACSR	39.0	12.5	0.0	ABCN	70	40	4	4	412	231	21	87	0.3	1.0	125.0	0.5	-0.5	ABCN	10375
10373	4ACSR	45.4	12.5	0.0	A N	66	37	10	7	66	37	10	87	0.3	1.4	124.6	0.2	-0.2	A N	10373
10374	4ACSR	44.3	12.5	0.0	A N	34	19	5	4	34	19	5	87	0.1	1.2	124.8	0.0	-0.2	A N	10374
10372	336ACSR	40.3	12.5	0.0	ABCN	16	9	1	2	242	136	12	87	0.0	1.0	125.0	0.0	-0.2	ABCN	10372
10371	4ACSR	45.4	12.5	0.0	A N	17	10	3	2	17	10	3	87	0.1	1.2	124.8	0.0	-0.3	A N	10371
1037	336ACSR	42.5	12.5	0.0	ABCN	24	14	1	2	209	117	11	87	0.0	1.0	125.0	0.0	-0.4	ABCN	1037
10224	4ACSR	43.5	12.5	0.0	A N	0	0	0	20	184	103	28	87	0.3	1.5	124.5	0.4	0.2	A N	10224
1022	4ACSR	49.1	12.5	0.0	A N	89	50	14	20	184	103	28	87	1.2	2.7	123.3	1.5	0.5	A N	1022
10221	4ACSR	53.7	12.5	0.0	A N	39	22	6	10	94	52	14	87	0.5	3.2	122.8	0.3	-0.0	A N	10221
10222	4ACSR	58.9	12.5	0.0	A N	33	18	5	4	33	18	5	87	0.1	3.3	122.7	0.0	-0.2	A N	10222
10223	4ACSR	61.9	12.5	0.0	A N	21	12	3	2	21	12	3	88	0.1	3.3	122.7	0.0	-0.4	A N	10223
10521	6ACWC	26.5	12.5	0.0	A N	22	12	3	2	22	12	3	87	0.1	4.0	122.0	0.0	-0.2	A N	10521
1053	6ACWC	24.6	12.5	0.0	A N	6	4	1	9	80	45	13	87	0.4	3.9	122.1	0.2	-0.0	A N	1053
10531	6ACWC	28.6	12.5	0.0	A N	14	8	2	2	14	8	2	88	0.0	3.9	122.1	0.0	-0.2	A N	10531
10532	6ACWC	34.2	12.5	0.0	A N	0	0	0	0	0	-0	0	-88	0.0	3.9	122.1	0.0	-0.3	A N	10532
10533	6ACWC	29.8	12.5	0.0	A N	14	8	2	7	59	33	9	87	0.4	4.3	121.7	0.2	-0.1	A N	10533
10534	6ACWC	35.0	12.5	0.0	A N	46	26	7	5	46	26	7	87	0.2	4.4	121.6	0.1	-0.2	A N	10534
1060	4ACSR	19.2	12.5	0.0	A N	69	39	11	8	70	39	11	87	0.4	5.2	120.8	0.2	-0.2	A N	1060

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********** Load-Flow Results For Frenchburg Ckt 2 **********
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Frenchburg Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					824	329	39	93			126.0			ABCN	Feeder
1078	397ACSR	3.9	12.5	0.0	ABCN	79	23	4	7	824	329	39	93	0.2	0.2	125.8	0.8	1.1	ABCN	1078
10781	397ACSR	5.9	12.5	0.0	ABCN	58	31	3	6	744	304	35	93	0.1	0.3	125.7	0.4	0.4	ABCN	10781
10782	397ACSR	9.2	12.5	0.0	ABCN	57	18	3	0	57	17	3	96	0.0	0.3	125.7	0.0	-0.7	ABCN	10782
10783	397ACSR	9.7	12.5	0.0	ABCN	26	14	1	5	629	255	30	93	0.2	0.5	125.5	0.5	0.3	ABCN	10783
1072	1/0ACSR	17.2	12.5	0.0	ABCN	65	26	3	12	603	241	29	93	0.9	1.4	124.6	3.6	1.3	ABCN	1072
11101	1/0ACSR	18.0	12.5	0.0	ABCN	129	70	7	11	534	213	26	93	0.1	1.4	124.6	0.3	0.1	ABCN	11101
11102	2ACSR	25.0	12.5	0.0	A N	48	26	7	4	48	26	7	88	0.2	1.9	124.1	0.1	-0.3	A N	11102
1110	1/0ACSR	20.7	12.5	0.0	ABCN	42	22	2	7	357	118	17	95	0.2	1.6	124.4	0.4	-0.2	ABCN	1110
1111	4ACSR	23.0	12.5	0.0	ABCN	215	42	10	7	216	42	10	98	0.1	1.7	124.3	0.5	-0.1	ABCN	1111
111101	2ACSR	27.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.2	A N	111101
11121	4ACSR	21.8	12.5	0.0	A N	1	1	0	11	99	53	15	88	0.2	2.1	123.9	0.1	0.0	A N	11121
1112	4ACSR	29.1	12.5	0.0	A N	97	52	15	11	97	52	15	88	0.5	2.6	123.4	0.4	-0.1	A N	1112

********** Load-Flow Results For Frenchburg Ckt 3 **********

Frenchburg Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2080	63	92	100			126.0			ABCN	Feeder
1073	1/0CU	3.4	12.5	0.0	ABCN	46	26	2	30	2080	63	92	100	0.6	0.6	125.4	9.5	10.9	ABCN	1073
10731	1/0CU	8.2	12.5	0.0	A N	28	16	4	1	28	15	4	87	0.0	0.7	125.3	0.0	-0.3	A N	10731
10732	1/0CU	7.8	12.5	0.0	ABCN	207	-242	14	29	1997	11	88	100	0.8	1.4	124.6	11.1	12.7	ABCN	10732
Capacitor (Wye-Gnd Connected) at Center of Section 10732																				
	ABCN : Nominal = 300 kvar Actual = 326 kvar																			
1071	2ACSR	10.7	12.5	0.0	ABCN	282	78	13	44	1779	240	80	99	1.2	2.6	123.4	16.2	7.8	ABCN	1071
10711	2ACSR	11.5	12.5	0.0	ABCN	64	-0	3	37	1480	154	67	99	0.3	2.9	123.1	3.3	1.5	ABCN	10711
1067	2ACSR	15.2	12.5	0.0	ABCN	308	-92	15	34	1368	127	62	100	1.1	4.0	122.0	11.7	5.6	ABCN	1067
Capacitor (Wye-Gnd Connected) at Center of Section 1067																				
	ABCN : Nominal = 150 kvar Actual = 156 kvar																			
10661	2ACSR	17.9	12.5	0.0	ABCN	35	20	2	5	188	103	10	88	0.1	4.2	121.8	0.2	-0.4	ABCN	10661
10662	2ACSR	23.1	12.5	0.0	A N	56	32	9	5	57	32	9	87	0.2	5.3	120.7	0.1	-0.2	A N	10662
10663	2ACSR	22.2	12.5	0.0	ABCN	32	18	2	3	96	51	5	88	0.1	4.3	121.7	0.1	-0.7	ABCN	10663
1066	2ACSR	24.2	12.5	0.0	ABCN	25	14	1	2	64	34	3	88	0.0	4.3	121.7	0.0	-0.3	ABCN	1066
10669	2ACSR	27.2	12.5	0.0	ABCN	9	5	0	1	39	20	2	89	0.0	4.3	121.7	0.0	-0.5	ABCN	10669
733	2ACSR	31.1	12.5	0.0	ABCN	13	7	1	1	30	16	2	89	0.0	4.4	121.6	0.0	-0.7	ABCN	733
73300	2ACSR	37.0	12.5	0.0	ABCN	17	10	1	1	17	9	1	89	0.0	4.4	121.6	0.0	-1.0	ABCN	73300
1113	6ACWC	22.0	12.5	0.0	ABCN	697	18	33	28	855	106	39	99	1.3	5.3	120.7	18.7	9.5	ABCN	1113
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 748																				
	A N : Tap = 10 RAISE																			
Regulator			22.0	12.5	0.0	A N				22	137	75	22	88	-7.4	0.8	125.2	0.0	0.0	A N	Regulator
748	4ACSR	29.1	12.5	0.0	A N	29	16	4	15	137	75	21	88	1.3	2.1	123.9	1.3	0.3	A N	748
74800	4ACSR	41.3	12.5	0.0	A N	28	16	4	3	28	15	4	88	0.3	2.3	123.7	0.1	-0.6	A N	74800
74801	4ACSR	32.7	12.5	0.0	A N	7	4	1	9	78	43	12	88	0.4	2.5	123.5	0.3	-0.0	A N	74801
749	6ACWC	39.4	12.5	0.0	A N	3	2	1	8	71	39	11	88	0.7	3.2	122.8	0.4	-0.1	A N	749
74900	6ACWC	46.5	12.5	0.0	A N	49	27	8	5	49	27	8	87	0.3	3.4	122.6	0.1	-0.3	A N	74900
74901	6ACWC	44.8	12.5	0.0	A N	19	11	3	2	19	10	3	88	0.1	3.3	122.7	0.0	-0.3	A N	74901
1070	4ACSR	17.7	12.5	0.0	A N	44	25	7	5	44	24	7	87	0.2	3.6	122.4	0.1	-0.3	A N	1070

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********** Load-Flow Results For Frenchburg Ckt 4 **********
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Frenchburg Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2123	469	48	98			126.0			ABCN	Feeder
1080	336ACSR	0.8	24.9	0.0	ABCN	-0	-0	0	9	2123	469	48	98	0.0	0.0	126.0	0.3	-0.0	ABCN	1080
1075	336ACSR	6.3	24.9	0.0	ABCN	19	11	0	9	2122	469	48	98	0.2	0.2	125.8	2.2	-0.1	ABCN	1075
10751	4ACSR	11.6	24.9	0.0	A N	9	5	1	0	9	4	1	91	0.0	0.2	125.8	0.0	-1.1	A N	10751
10752	336ACSR	7.6	24.9	0.0	ABCN	8	5	0	9	2091	454	47	98	0.0	0.2	125.8	0.5	-0.1	ABCN	10752
10753	4ACSR	9.8	24.9	0.0	A N	13	7	1	1	13	7	1	88	0.0	0.3	125.7	0.0	-0.5	A N	10753
10754	336ACSR	11.3	24.9	0.0	ABCN	24	14	1	9	2070	443	47	98	0.1	0.4	125.6	1.4	-0.2	ABCN	10754
1077	1/0ACSR	16.6	24.9	0.0	ABCN	15	9	0	20	2006	410	45	98	0.5	0.8	125.2	6.9	1.2	ABCN	1077
10771	1/0ACSR	19.1	24.9	0.0	ABCN	8	5	0	20	1985	400	45	98	0.2	1.1	124.9	3.3	0.5	ABCN	10771
10772	1/0ACSR	22.4	24.9	0.0	ABCN	1	1	0	19	1973	395	45	98	0.3	1.4	124.6	4.2	0.7	ABCN	10772
1063	2ACSR	29.2	24.9	0.0	ABCN	6	3	0	24	1898	356	43	98	0.8	2.2	123.8	12.1	1.2	ABCN	1063
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1063																				
ABCN : Tap = 3 RAISE																				
Regulator			29.2	24.9	0.0	ABCN				43	1880	351	43	98	-2.3	-0.1	125.9	0.0	0.0	ABCN	Regulator
10632	2ACSR	32.5	24.9	0.0	ABCN	0	0	0	23	1851	335	41	98	0.4	0.3	125.7	5.4	0.3	ABCN	10632
10641	4ACSR	35.0	24.9	0.0	A N	18	10	1	9	160	86	12	88	0.1	0.4	125.6	0.2	-0.4	A N	10641
1064	4ACSR	39.1	24.9	0.0	A N	1	1	0	8	142	76	11	88	0.2	0.7	125.3	0.2	-0.7	A N	1064
1055	4ACSR	44.3	24.9	0.0	A N	53	30	4	8	140	76	11	88	0.2	0.9	125.1	0.2	-0.9	A N	1055
10551	4ACSR	46.3	24.9	0.0	A N	11	6	1	1	11	6	1	88	0.0	0.9	125.1	0.0	-0.4	A N	10551
10552	4ACSR	46.7	24.9	0.0	A N	17	10	1	4	77	41	6	88	0.1	1.0	125.0	0.0	-0.5	A N	10552
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 10552																				
Transformer			46.7	12.4	0.0	A N				20	60	32	5	88	0.0	1.0	125.0	0.0	0.0	A N	Transformer
1056	4ACSR	55.2	12.4	0.0	A N	8	5	1	6	60	32	9	88	0.7	1.7	124.3	0.3	-0.3	A N	1056
1050	4ACSR	60.7	12.4	0.0	A N	2	1	0	2	16	8	2	90	0.1	1.8	124.2	0.0	-0.3	A N	1050
10501	4ACSR	67.4	12.4	0.0	A N	14	8	2	2	14	8	2	88	0.1	1.9	124.1	0.0	-0.3	A N	10501
10502	4ACSR	63.9	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	1.8	124.2	0.0	-0.2	A N	10502
105021	4ACSR	66.7	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	1.8	124.2	0.0	-0.1	A N	105021
10503	4ACSR	73.4	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	1.8	124.2	0.0	-0.3	A N	10503
10504	4ACSR	81.8	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.4	A N	10504
1051	4ACSR	60.4	12.4	0.0	A N	6	3	1	4	35	20	5	87	0.3	1.9	124.1	0.1	-0.2	A N	1051
10511	4ACSR	64.6	12.4	0.0	A N	7	4	1	1	7	4	1	88	0.0	1.9	124.1	0.0	-0.2	A N	10511
10512	4ACSR	64.0	12.4	0.0	A N	22	13	3	2	22	13	3	87	0.1	2.0	124.0	0.0	-0.2	A N	10512
1065	1/0ACSR	33.6	24.9	0.0	ABCN	6	3	0	16	1685	249	38	99	0.1	0.4	125.6	1.0	-0.1	ABCN	1065
10651	2ACSR	37.4	24.9	0.0	A N	5	3	0	0	5	2	0	92	0.0	0.4	125.6	0.0	-0.8	A N	10651
10652	1/0ACSR	41.3	24.9	0.0	ABCN	27	5	1	16	1673	244	37	99	0.6	0.9	125.1	6.8	-0.8	ABCN	10652
10653	4/0ACSR	42.9	24.9	0.0	ABCN	-0	-0	0	11	1640	239	37	99	0.1	1.0	125.0	0.7	-0.3	ABCN	10653
1133	2ACSR	45.5	24.9	0.0	ABCN	19	11	0	20	1639	239	37	99	0.3	1.3	124.7	3.3	-0.2	ABCN	1133
11331	2ACSR	47.0	24.9	0.0	ABCN	44	26	1	20	1617	229	36	99	0.2	1.4	124.6	1.9	-0.1	ABCN	11331
11332	4ACSR	53.5	24.9	0.0	A N	15	8	1	1	15	7	1	90	0.0	1.5	124.5	0.0	-1.3	A N	11332
11333	2ACSR	48.9	24.9	0.0	ABCN	3	-644	14	19	1556	196	35	99	0.2	1.6	124.4	2.5	-0.1	ABCN	11333
Capacitor (Wye-Gnd Connected) at Center of Section 11333																				
ABCN : Nominal = 600 kvar Actual = 646 kvar																				
11341	2ACSR	49.9	24.9	0.0	ABCN	13	8	0	13	952	512	24	88	0.1	1.7	124.3	0.6	-0.4	ABCN	11341
11343	2ACSR	50.4	24.9	0.0	ABCN	8	5	0	13	908	488	23	88	0.0	1.7	124.3	0.2	-0.2	ABCN	11343
11345	2ACSR	51.7	24.9	0.0	ABCN	0	-0	0	11	761	404	19	88	0.1	1.8	124.2	0.5	-0.7	ABCN	11345
11347	2ACSR	54.3	24.9	0.0	ABCN	62	26	2	10	716	380	18	88	0.1	1.9	124.1	0.8	-1.5	ABCN	11347
11349	2ACSR	55.8	24.9	0.0	ABCN	29	5	1	8	572	310	15	88	0.1	2.0	124.0	0.3	-0.9	ABCN	11349
1058	2ACSR	56.6	24.9	0.0	ABCN	2	1	0	8	543	306	14	87	0.0	2.0	124.0	0.1	-0.5	ABCN	1058
10581	4ACSR	59.5	24.9	0.0	A N	51	29	4	3	51	29	4	87	0.0	2.1	123.9	0.0	-0.6	A N	10581
10582	2ACSR	57.1	24.9	0.0	ABCN	50	29	1	7	490	277	13	87	0.0	2.0	124.0	0.1	-0.3	ABCN	10582
1057	4ACSR	62.3	24.9	0.0	A N	29	17	2	18	331	187	26	87	0.6	2.7	123.3	1.6	-0.1	A N	1057
10572	4ACSR	62.7	24.9	0.0	A N	4	2	0	13	233	132	18	87	0.0	2.8	123.2	0.1	-0.0	A N	10572
10573	4ACSR	66.2	24.9	0.0	A N	108	62	8	6	108	62	8	87	0.1	2.9	123.1	0.1	-0.7	A N	10573
10574	4ACSR	67.5	24.9	0.0	A N	90	52	7	5	90	51	7	87	0.1	2.9	123.1	0.1	-0.9	A N	10574
10575	4ACSR	64.9	24.9	0.0	A N	31	18	2	2	31	18	2	87	0.0	2.8	123.2	0.0	-0.4	A N	10575
10571	4ACSR	65.4	24.9	0.0	A N	68	39	5	4	68	38	5	87	0.0	2.8	123.2	0.0	-0.6	A N	10571
1136	4ACSR	61.4	24.9	0.0	A N	67	39	5	6	109	61	8	87	0.1	2.2	123.8	0.1	-0.8	A N	1136
11361	4ACSR	65.6	24.9	0.0	A N	42	24	3	2	42	23	3	87	0.0	2.3	123.7	0.0	-0.8	A N	11361
11348	4ACSR	60.6	24.9	0.0	A N	81	47	6	4	81	45	6	87	0.1	2.1	123.9	0.1	-1.2	A N	11348
11346	4ACSR	54.5	24.9	0.0	A N	45	26	3	2	45	25	3	87	0.0	1.9	124.1	0.0	-0.6	A N	11346
11344	4ACSR	54.5	24.9	0.0	A N	138	79	11	8	138	79	11	87	0.1	1.9	124.1	0.1	-0.8	A N	11344

Frenchburg Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	Losses KW	KVAR	Phs Cfg	Section
	11342	4ACSR	52.8	24.9	0.0	A N	30	17	2	2	30	17	2	87	0.0	1.7	124.3	0.0	-0.6	A N	11342
	1135	336ACSR	53.1	24.9	0.0	ABCN	52	30	1	3	599	329	15	88	0.1	1.7	124.3	0.2	-3.2	ABCN	1135
	11351	4ACSR	56.0	24.9	0.0	A N	31	18	2	2	31	17	2	87	0.0	1.7	124.3	0.0	-0.6	A N	11351
	11357	336ACSR	54.3	24.9	0.0	ABCN	8	4	0	2	515	284	13	88	0.0	1.7	124.3	0.0	-0.9	ABCN	11357
	11352	4ACSR	60.0	24.9	0.0	A N	123	71	10	7	124	70	10	87	0.1	1.9	124.1	0.1	-1.1	A N	11352
	11358	336ACSR	55.0	24.9	0.0	ABCN	7	4	0	2	383	211	10	88	0.0	1.7	124.3	0.0	-0.6	ABCN	11358
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 11354																				
	A N : Tap = 3 RAISE																				
H	Regulator		55.0	24.9	0.0	A N				25	323	178	25	88	-2.3	-0.6	126.4	0.0	-0.0	A N	Regulator
H	11354	4ACSR	58.7	24.9	0.0	A N	47	27	4	17	323	178	24	88	0.4	-0.2	126.2	1.0	-0.2	A N	11354
	11356	4ACSR	64.0	24.9	0.0	A N	43	25	3	12	219	119	16	88	0.4	0.2	125.8	0.6	-0.8	A N	11356
	1140	4ACSR	65.8	24.9	0.0	A N	44	25	3	6	105	59	8	87	0.1	0.3	125.7	0.0	-0.3	A N	1140
	11402	4ACSR	68.8	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.3	125.7	0.0	-0.6	A N	11402
	11401	4ACSR	70.8	24.9	0.0	A N	61	35	5	3	61	34	5	87	0.1	0.3	125.7	0.0	-1.0	A N	11401
	1137	4ACSR	67.5	24.9	0.0	A N	26	15	2	4	69	36	5	89	0.1	0.3	125.7	0.0	-0.7	A N	1137
	11371	4ACSR	73.4	24.9	0.0	A N	18	10	1	1	18	9	1	89	0.0	0.3	125.7	0.0	-1.2	A N	11371
	11372	4ACSR	70.0	24.9	0.0	A N	18	11	1	1	26	13	2	89	0.0	0.3	125.7	0.0	-0.5	A N	11372
	11373	4ACSR	73.1	24.9	0.0	A N	3	2	0	0	3	1	0	94	0.0	0.3	125.7	0.0	-0.6	A N	11373
	11374	4ACSR	72.9	24.9	0.0	A N	5	3	0	0	5	2	0	91	0.0	0.3	125.7	0.0	-0.6	A N	11374
H	11355	4ACSR	62.6	24.9	0.0	A N	57	33	4	3	57	32	4	87	0.0	-0.1	126.1	0.0	-0.8	A N	11355
	11353	4ACSR	62.1	24.9	0.0	A N	53	30	4	3	53	29	4	88	0.1	1.8	124.2	0.0	-1.4	A N	11353
H	10631	2ACSR	34.0	24.9	0.0	A N	29	17	2	1	29	16	2	88	0.0	-0.1	126.1	0.0	-1.0	A N	10631
	1062	4ACSR	28.8	24.9	0.0	A N	38	22	3	4	70	37	5	88	0.1	1.5	124.5	0.1	-1.2	A N	1062
	10621	4ACSR	36.3	24.9	0.0	A N	32	18	2	2	32	17	2	88	0.0	1.6	124.4	0.0	-1.5	A N	10621
	1076	4ACSR	13.7	24.9	0.0	A N	6	4	0	2	39	20	3	89	0.0	0.4	125.6	0.0	-0.5	A N	1076
	10761	6ACWC	19.4	24.9	0.0	A N	25	14	2	1	25	13	2	88	0.0	0.4	125.6	0.0	-1.1	A N	10761
	10762	4ACSR	19.6	24.9	0.0	A N	7	4	1	0	7	3	1	92	0.0	0.4	125.6	0.0	-1.2	A N	10762

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********** Load-Flow Results For Hope Ckt 1 **********
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Hope Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					162	48	7	96			126.0			ABCN	Feeder
710	1/0CU	6.1	12.5	0.0	ABCN	101	32	5	2	162	48	7	96	0.1	0.1	125.9	0.1	-1.0	ABCN	710
7101	1/0CU	11.8	12.5	0.0	ABCN	42	13	2	1	61	17	3	96	0.0	0.1	125.9	0.0	-1.0	ABCN	7101
7102	1/0CU	15.1	12.5	0.0	ABCN	19	6	1	0	19	5	1	96	0.0	0.1	125.9	0.0	-0.6	ABCN	7102

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********** Load-Flow Results For Hope Ckt 2 **********
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Hope Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1608	380	36	97			126.0			ABCN	Feeder
717	1/0CU	4.9	24.9	0.0	ABCN	307	50	7	12	1608	380	36	97	0.2	0.2	125.8	2.0	-1.3	ABCN	717
7171	1/0CU	7.9	24.9	0.0	ABCN	80	22	2	10	1300	331	30	97	0.1	0.3	125.7	0.9	-1.2	ABCN	7171
718	1/0CU	12.1	24.9	0.0	ABCN	48	13	1	9	1219	311	28	97	0.1	0.4	125.6	1.1	-1.9	ABCN	718
7181	1/0CU	12.7	24.9	0.0	ABCN	15	4	0	9	1170	300	27	97	0.0	0.5	125.5	0.1	-0.3	ABCN	7181
7182	6ACWC	20.8	24.9	0.0	A N	62	17	4	3	62	15	4	97	0.1	0.6	125.4	0.0	-1.6	A N	7182
7183	1/0CU	13.6	24.9	0.0	ABCN	20	5	0	8	1093	281	25	97	0.0	0.5	125.5	0.2	-0.5	ABCN	7183
722	1/0CU	16.5	24.9	0.0	ABCN	50	14	1	3	355	83	8	97	0.0	0.5	125.5	0.1	-2.0	ABCN	722
7221	1/0CU	21.2	24.9	0.0	ABCN	25	7	1	2	304	72	7	97	0.0	0.6	125.4	0.1	-3.5	ABCN	7221
7282	1/0CU	24.3	24.9	0.0	ABCN	27	7	1	0	27	5	1	98	0.0	0.6	125.4	0.0	-2.4	ABCN	7282
723	6ACWC	27.7	24.9	0.0	A N	39	11	3	12	252	63	17	97	0.5	1.1	124.9	0.8	-0.8	A N	723
7230	6ACWC	35.6	24.9	0.0	A N	62	17	4	10	212	53	15	97	0.5	1.6	124.4	0.6	-1.2	A N	7230
7231	6ACWC	41.7	24.9	0.0	A N	25	7	2	1	25	6	2	98	0.0	1.6	124.4	0.0	-1.2	A N	7231
7232	6ACWC	45.2	24.9	0.0	A N	125	34	9	6	125	32	9	97	0.2	1.8	124.2	0.2	-1.8	A N	7232
721	6ACWC	18.6	24.9	0.0	A N	33	9	2	35	717	191	49	97	1.1	1.7	124.3	5.6	2.4	A N	721
7211	6ACWC	20.9	24.9	0.0	A N	29	8	2	34	679	180	47	97	0.5	2.1	123.9	2.4	1.0	A N	7211
7212	6ACWC	24.5	24.9	0.0	A N	26	7	2	32	634	169	44	97	0.7	2.8	123.2	3.3	1.3	A N	7212
7213	6ACWC	28.0	24.9	0.0	A N	132	36	9	7	132	35	9	97	0.1	2.9	123.1	0.1	-0.6	A N	7213
7214	6ACWC	24.8	24.9	0.0	A N	0	0	0	24	474	125	33	97	0.1	2.9	123.1	0.2	0.0	A N	7214
7215	6ACWC	27.6	24.9	0.0	A N	27	7	2	1	27	7	2	97	0.0	2.9	123.1	0.0	-0.5	A N	7215
7216	6ACWC	28.6	24.9	0.0	A N	77	21	5	22	447	118	31	97	0.5	3.4	122.6	1.5	0.2	A N	7216
7217	6ACWC	31.0	24.9	0.0	A N	5	1	0	19	368	97	26	97	0.3	3.7	122.3	0.8	0.0	A N	7217
7218	6ACWC	35.2	24.9	0.0	A N	120	33	9	6	120	32	9	97	0.1	3.8	122.2	0.1	-0.8	A N	7218
7219	6ACWC	31.8	24.9	0.0	A N	0	0	0	12	241	64	17	97	0.1	3.7	122.3	0.1	-0.1	A N	7219
1746	6ACWC	36.0	24.9	0.0	A N	157	43	11	8	157	42	11	97	0.1	3.8	122.2	0.1	-0.7	A N	1746
7145	6ACWC	34.4	24.9	0.0	A N	59	16	4	4	84	22	6	97	0.0	3.8	122.2	0.0	-0.5	A N	7145
7143	6ACWC	35.5	24.9	0.0	A N	5	1	0	0	5	1	0	98	0.0	3.8	122.2	0.0	-0.2	A N	7143
7144	6ACWC	37.0	24.9	0.0	A N	20	5	1	1	20	5	1	97	0.0	3.8	122.2	0.0	-0.5	A N	7144
7210	6ACWC	26.2	24.9	0.0	A N	13	4	1	1	13	2	1	98	0.0	2.1	123.9	0.0	-1.1	A N	7210

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********** Load-Flow Results For Hope Ckt 3 **********
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Hope Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2252	283	50	99			126.0			ABCN	Feeder
707	336ACSR	4.9	24.9	0.0	ABCN	87	25	2	9	2252	283	50	99	0.1	0.1	125.9	2.0	0.1	ABCN	707
716	4ACSR	8.7	24.9	0.0	A N	16	5	1	3	64	17	4	97	0.1	0.2	125.8	0.0	-0.8	A N	716
7161	4ACSR	13.5	24.9	0.0	A N	48	14	3	2	48	13	3	97	0.0	0.3	125.7	0.0	-1.0	A N	7161
706	336ACSR	8.6	24.9	0.0	ABCN	16	5	0	9	2099	240	47	99	0.1	0.2	125.8	1.4	-0.3	ABCN	706
6722	4ACSR	15.3	24.9	0.0	A N	28	8	2	20	395	122	27	96	0.9	1.1	124.9	2.5	-0.0	A N	6722
672	6ACWC	22.1	24.9	0.0	A N	80	23	6	17	344	110	24	95	0.7	1.8	124.2	1.5	-0.4	A N	672
659	4ACSR	23.9	24.9	0.0	A N	16	5	1	11	215	53	15	97	0.1	1.9	124.1	0.2	-0.3	A N	659
671	4ACSR	29.1	24.9	0.0	A N	20	6	1	7	134	33	9	97	0.2	2.1	123.9	0.2	-0.9	A N	671
6712	4ACSR	33.0	24.9	0.0	A N	6	2	0	6	113	28	8	97	0.1	2.3	123.7	0.1	-0.7	A N	6712
6713	4ACSR	37.5	24.9	0.0	A N	27	8	2	5	107	27	7	97	0.1	2.4	123.6	0.1	-0.8	A N	6713
658	4ACSR	40.2	24.9	0.0	A N	53	15	4	4	79	20	6	97	0.0	2.5	123.5	0.0	-0.5	A N	658
654	4ACSR	48.1	24.9	0.0	A N	24	7	2	1	24	6	2	98	0.0	2.5	123.5	0.0	-1.5	A N	654
6581	4ACSR	46.9	24.9	0.0	A N	2	1	0	0	2	-1	0	-93	0.0	2.5	123.5	0.0	-1.3	A N	6581
670	4ACSR	29.3	24.9	0.0	A N	53	15	4	3	65	16	4	97	0.1	2.0	124.0	0.0	-1.0	A N	670
6701	4ACSR	36.2	24.9	0.0	A N	12	3	1	1	12	2	1	99	0.0	2.0	124.0	0.0	-1.4	A N	6701
6681	4ACSR	26.0	24.9	0.0	A N	14	10	1	3	47	33	4	82	0.1	1.9	124.1	0.0	-0.8	A N	6681
668	4ACSR	29.1	24.9	0.0	A N	34	25	3	2	34	24	3	81	0.0	1.9	124.1	0.0	-0.6	A N	668
6721	4ACSR	23.2	24.9	0.0	A N	20	6	1	1	20	4	1	98	0.0	1.2	124.8	0.0	-1.6	A N	6721
709	336ACSR	12.1	24.9	0.0	ABCN	27	8	1	7	1686	114	37	100	0.1	0.3	125.7	0.8	-1.2	ABCN	709
7091	336ACSR	16.5	24.9	0.0	ABCN	52	15	1	7	1659	107	37	100	0.1	0.4	125.6	1.0	-1.6	ABCN	7091
705	336ACSR	19.8	24.9	0.0	ABCN	67	-309	7	7	1606	94	36	100	0.1	0.5	125.5	0.7	-1.3	ABCN	705
Capacitor (Wye-Gnd Connected) at Center of Section 705																				
	ABCN : Nominal = 300 kvar					Actual = 328 kvar														
704	6ACWC	22.6	24.9	0.0	ABCN	15	4	0	12	755	200	17	97	0.2	0.7	125.3	1.2	-1.6	ABCN	704
7041	6ACWC	23.8	24.9	0.0	ABCN	3	1	0	5	294	72	7	97	0.0	0.7	125.3	0.1	-0.8	ABCN	7041
4721	6ACWC	26.0	24.9	0.0	ABCN	-0	0	0	3	183	46	4	97	0.0	0.7	125.3	0.1	-1.5	ABCN	4721
472	6ACWC	30.5	24.9	0.0	ABCN	83	24	2	3	183	48	4	97	0.1	0.8	125.2	0.1	-3.0	ABCN	472
471	4ACSR	36.1	24.9	0.0	A N	43	12	3	5	100	27	7	97	0.2	1.0	125.0	0.1	-1.1	A N	471
4711	4ACSR	42.3	24.9	0.0	A N	57	17	4	3	57	15	4	97	0.1	1.1	124.9	0.0	-1.2	A N	4711
708	6ACWC	29.0	24.9	0.0	ABCN	56	16	1	2	108	26	2	97	0.0	0.7	125.3	0.0	-3.6	ABCN	708
703	4ACSR	36.2	24.9	0.0	A N	52	15	4	3	52	14	4	97	0.1	0.9	125.1	0.0	-1.4	A N	703
473	4ACSR	28.5	24.9	0.0	A N	80	23	6	22	445	124	31	96	0.8	1.5	124.5	2.5	0.1	A N	473
4731	4ACSR	32.7	24.9	0.0	A N	76	22	5	18	363	101	25	96	0.5	2.0	124.0	1.2	-0.2	A N	4731
4732	4ACSR	33.3	24.9	0.0	A N	13	4	1	14	286	79	20	96	0.1	2.0	124.0	0.1	-0.1	A N	4732
4733	4ACSR	33.8	24.9	0.0	A N	0	0	0	8	158	43	11	97	0.0	2.1	123.9	0.0	-0.1	A N	4733
474	4ACSR	41.0	24.9	0.0	A N	72	21	5	4	72	20	5	97	0.1	2.2	123.8	0.0	-1.4	A N	474
475	4ACSR	41.4	24.9	0.0	A N	85	25	6	4	85	23	6	96	0.1	2.2	123.8	0.1	-1.5	A N	475
4734	4ACSR	36.5	24.9	0.0	A N	114	33	8	6	114	32	8	96	0.1	2.1	123.9	0.1	-0.6	A N	4734
713	336ACSR	22.7	24.9	0.0	ABCN	44	13	1	3	782	205	18	97	0.0	0.5	125.5	0.2	-2.2	ABCN	713
715	4ACSR	28.6	24.9	0.0	A N	145	42	10	18	369	90	25	97	0.6	1.1	124.9	1.4	-0.5	A N	715
7151	4ACSR	33.9	24.9	0.0	A N	32	9	2	11	222	48	15	98	0.4	1.5	124.5	0.6	-0.8	A N	7151
7153	4ACSR	35.5	24.9	0.0	A N	31	9	2	4	78	21	5	97	0.0	1.5	124.5	0.0	-0.3	A N	7153
7154	4ACSR	39.7	24.9	0.0	A N	39	11	3	2	39	10	3	97	0.0	1.6	124.4	0.0	-0.8	A N	7154
7155	4ACSR	37.0	24.9	0.0	A N	8	2	1	0	8	2	1	97	0.0	1.5	124.5	0.0	-0.3	A N	7155
720	4ACSR	39.4	24.9	0.0	A N	111	20	8	5	111	19	8	99	0.1	1.6	124.4	0.1	-1.0	A N	720
714	4ACSR	29.4	24.9	0.0	A N	146	42	10	18	369	104	26	96	0.7	1.2	124.8	1.6	-0.5	A N	714
7140	4ACSR	33.3	24.9	0.0	A N	76	22	5	6	115	32	8	96	0.1	1.3	124.7	0.1	-0.7	A N	7140
7142	4ACSR	38.2	24.9	0.0	A N	39	11	3	2	39	10	3	97	0.0	1.4	124.6	0.0	-1.0	A N	7142
7141	4ACSR	31.7	24.9	0.0	A N	107	31	7	5	107	31	7	96	0.0	1.3	124.7	0.0	-0.4	A N	7141

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********** Load-Flow Results For Hunt Ckt 1 **********

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Hunt Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3142	1006	73	95			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	63	29	2	12	3142	1006	73	95	0.3	0.3	125.7	4.6	5.9	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	9	4	0	12	3074	971	71	95	0.1	0.4	125.6	1.3	1.7	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	26	12	1	12	3045	958	71	95	0.3	0.6	125.4	3.9	4.9	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	49	22	1	12	3015	941	70	95	0.2	0.9	125.1	3.5	4.3	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	21	9	1	11	2863	870	67	96	0.1	1.0	125.0	1.5	1.6	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	33	15	2	2	33	15	2	91	0.0	1.0	125.0	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	12	5	0	11	2808	844	65	96	0.1	1.1	124.9	1.1	1.1	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	4	2	0	12	712	309	17	92	0.2	1.2	124.8	0.9	-1.1	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	30	14	1	12	708	309	17	92	0.1	1.3	124.7	0.7	-0.9	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	3	2	0	4	74	32	5	92	0.1	1.4	124.6	0.0	-0.6	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	43	20	3	2	43	19	3	92	0.0	1.5	124.5	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	28	13	2	1	28	12	2	92	0.0	1.5	124.5	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	7	3	0	10	602	264	15	92	0.1	1.4	124.6	0.6	-1.1	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	0	-0	0	9	534	234	13	92	0.0	1.5	124.5	0.1	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	93	43	2	3	148	63	4	92	0.0	1.5	124.5	0.1	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	34	16	1	1	55	22	1	93	0.0	1.5	124.5	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	21	9	1	0	21	8	0	93	0.0	1.5	124.5	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	42	19	3	20	386	171	28	91	0.9	2.4	123.6	2.5	0.0	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	24	11	2	1	24	10	2	92	0.0	2.4	123.6	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	34	15	3	5	91	41	7	91	0.1	2.4	123.6	0.0	-0.3	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	58	26	4	3	58	26	4	91	0.0	2.5	123.5	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	127	58	9	12	226	101	17	91	0.3	2.7	123.3	0.5	-0.8	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	58	26	4	3	58	25	4	92	0.1	2.8	123.2	0.0	-1.5	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	41	19	3	2	41	18	3	91	0.0	2.7	123.3	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	61	28	5	3	61	28	5	91	0.0	1.5	124.5	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	6	3	0	8	2082	528	48	97	0.2	1.3	124.7	2.2	-0.3	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	94	-280	7	7	1885	446	43	97	0.2	1.4	124.6	1.7	-1.1	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
ABCN : Nominal = 300 kvar Actual = 324 kvar																				
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
ABCN : Tap = 1 RAISE																				
Regulator			34.8	24.9	0.0	ABCN				43	1789	728	43	93	-0.8	0.7	125.1	0.0	0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	4	2	0	6	1526	610	36	93	0.0	0.7	125.3	0.2	-0.4	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	26	12	1	4	1028	391	24	93	0.1	0.8	125.2	0.4	-2.8	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	6	3	0	17	1002	382	24	93	0.1	0.9	125.1	1.1	-0.6	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	53	25	1	2	112	45	3	93	0.0	0.9	125.1	0.0	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	27	13	1	1	58	23	1	93	0.0	0.9	125.1	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	1	1	0	0	1	-1	0	-89	0.0	0.9	125.1	0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	29	13	2	2	29	13	2	92	0.0	1.1	124.9	0.0	-0.7	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	44	9	1	15	882	334	21	94	0.0	0.9	125.1	0.3	-0.2	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	25	11	1	11	838	325	20	93	0.1	1.1	124.9	0.9	-1.3	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	5	2	0	10	768	296	18	93	0.1	1.2	124.8	0.5	-0.9	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	-0	-0	0	3	762	294	18	93	0.0	1.2	124.8	0.0	-0.6	ABCN	2373
2375	336ACSR	50.5	24.9	0.0	ABCN	7	3	0	3	709	271	17	93	0.1	1.2	124.8	0.2	-2.9	ABCN	2375
2376	2ACSR	52.3	24.9	0.0	ABCN	5	2	0	9	702	271	17	93	0.1	1.3	124.7	0.5	-1.0	ABCN	2376
231	2ACSR	52.6	24.9	0.0	ABCN	6	3	0	1	97	35	2	94	0.0	1.3	124.7	0.0	-0.3	ABCN	231
2311	4ACSR	60.3	24.9	0.0	A N	64	29	5	3	64	28	5	92	0.1	1.5	124.5	0.0	-1.5	A N	2311
2312	2ACSR	62.6	24.9	0.0	ABCN	27	12	1	0	27	5	1	98	0.0	1.3	124.7	0.0	-7.2	ABCN	2312
241	1/0ACSR	57.0	24.9	0.0	ABCN	95	44	2	6	600	234	14	93	0.1	1.5	124.5	0.6	-3.1	ABCN	241
242	4ACSR	58.6	24.9	0.0	A N	24	11	2	5	105	44	8	92	0.1	1.6	124.4	0.0	-0.3	A N	242
2421	4ACSR	61.4	24.9	0.0	A N	6	3	0	4	81	33	6	93	0.1	1.7	124.3	0.0	-0.5	A N	2421
2422	4ACSR	67.1	24.9	0.0	A N	9	4	1	0	9	3	1	95	0.0	1.7	124.3	0.0	-1.1	A N	2422
2423	4ACSR	67.9	24.9	0.0	A N	23	10	2	3	66	28	5	92	0.1	1.8	124.2	0.1	-1.3	A N	2423
2424	4ACSR	74.1	24.9	0.0	A N	44	20	3	2	44	19	3	92	0.0	1.9	124.1	0.0	-1.2	A N	2424
253	1/0ACSR	59.3	24.9	0.0	ABCN	3	1	0	4	400	150	10	94	0.0	1.5	124.5	0.1	-1.6	ABCN	253
2531	1/0ACSR	60.0	24.9	0.0	ABCN	75	8	2	1	75	7	2	100	0.0	1.5	124.5	0.0	-0.5	ABCN	2531
2532	4ACSR	61.8	24.9	0.0	A N	28	13	2	13	244	109	18	91	0.2	1.8	124.2	0.4	-0.3	A N	2532
254	4ACSR	64.6	24.9	0.0	A N	44	20	3	2	44	20	3	91	0.0	1.8	124.2	0.0	-0.5	A N	254
265	4ACSR	66.1	24.9	0.0	A N	60	28	4	9	172	77	13	91	0.2	2.0	124.0	0.3	-0.7	A N	265
2651	4ACSR	69.0	24.9	0.0	A N	85	39	6	6	111	50	8	91	0.1	2.1	123.9	0.1	-0.5	A N	2651

Hunt Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
276	4ACSR		71.0	24.9	0.0	A N	26	12	2	1	26	12	2	91	0.0	2.1	123.9	0.0	-0.4	A N	276
2761	4ACSR		71.2	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.1	123.9	0.0	-0.0	A N	2761
264	4ACSR		63.9	24.9	0.0	A N	28	13	2	4	78	34	6	92	0.1	1.7	124.3	0.1	-0.9	A N	264
2641	4ACSR		68.8	24.9	0.0	A N	50	23	4	3	50	22	4	92	0.0	1.8	124.2	0.0	-1.0	A N	2641
2374	4ACSR		50.6	24.9	0.0	A N	53	24	4	3	53	24	4	91	0.0	1.3	124.7	0.0	-0.8	A N	2374
2371	4ACSR		49.2	24.9	0.0	A N	45	20	3	2	45	19	3	92	0.0	1.2	124.8	0.0	-1.0	A N	2371
263	4ACSR		42.4	24.9	0.0	A N	86	40	6	26	494	217	36	92	1.1	1.8	124.2	3.8	0.7	A N	263
2631	4ACSR		46.8	24.9	0.0	A N	51	23	4	21	403	177	30	92	0.6	2.4	123.6	1.8	0.1	A N	2631
273	4ACSR		49.3	24.9	0.0	A N	9	4	1	18	350	153	26	92	0.3	2.8	123.2	0.9	-0.0	A N	273
3031	4ACSR		51.2	24.9	0.0	A N	2	1	0	13	240	107	18	91	0.2	2.9	123.1	0.3	-0.2	A N	3031
303	4ACSR		52.6	24.9	0.0	A N	21	10	2	13	238	106	18	91	0.1	3.1	122.9	0.2	-0.2	A N	303
3034	4ACSR		55.6	24.9	0.0	A N	18	8	1	9	163	73	12	91	0.2	3.2	122.8	0.2	-0.5	A N	3034
304	4ACSR		57.0	24.9	0.0	A N	33	15	2	2	33	15	2	91	0.0	3.2	122.8	0.0	-0.3	A N	304
3041	4ACSR		61.8	24.9	0.0	A N	112	51	8	6	112	50	8	91	0.1	3.3	122.7	0.1	-1.1	A N	3041
3033	4ACSR		57.4	24.9	0.0	A N	54	25	4	3	54	24	4	91	0.0	3.1	122.9	0.0	-0.9	A N	3033
274	4ACSR		55.4	24.9	0.0	A N	67	31	5	5	100	42	7	92	0.1	2.9	123.1	0.1	-1.1	A N	274
2642	4ACSR		56.0	24.9	0.0	A N	0	0	0	2	32	12	2	94	0.0	2.9	123.1	0.0	-0.1	A N	2642
2643	4ACSR		59.6	24.9	0.0	A N	0	0	0	2	32	12	2	94	0.0	3.0	123.0	0.0	-0.7	A N	2643
2644	4ACSR		63.6	24.9	0.0	A N	17	8	1	1	17	7	1	92	0.0	3.0	123.0	0.0	-0.8	A N	2644
275	4ACSR		65.5	24.9	0.0	A N	16	7	1	1	16	6	1	93	0.0	3.0	123.0	0.0	-1.1	A N	275
251	4ACSR		38.9	24.9	0.0	A N	59	27	4	14	263	118	19	91	0.3	1.1	124.9	0.6	-0.5	A N	251
2511	4ACSR		41.8	24.9	0.0	A N	93	43	7	11	204	91	15	91	0.2	1.2	124.8	0.2	-0.5	A N	2511
247	4ACSR		45.7	24.9	0.0	A N	43	20	3	5	89	40	7	91	0.1	1.3	124.7	0.1	-0.7	A N	247
2471	4ACSR		47.9	24.9	0.0	A N	46	21	3	2	46	21	3	91	0.0	1.4	124.6	0.0	-0.4	A N	2471
250	4ACSR		46.6	24.9	0.0	A N	22	10	2	1	22	9	2	92	0.0	1.3	124.7	0.0	-1.0	A N	250
2712	4ACSR		29.8	24.9	0.0	A N	1	0	0	10	190	80	14	92	0.1	1.4	124.6	0.1	-0.2	A N	2712
271	4ACSR		38.4	24.9	0.0	A N	34	16	3	2	34	14	2	93	0.1	1.4	124.6	0.0	-1.7	A N	271
2711	4ACSR		32.6	24.9	0.0	A N	18	8	1	8	154	65	11	92	0.1	1.5	124.5	0.2	-0.5	A N	2711
2713	336ACSR		35.9	24.9	0.0	A N	0	0	0	2	136	57	10	92	0.0	1.6	124.4	0.0	-0.7	A N	2713
2721	4ACSR		39.8	24.9	0.0	A N	50	23	4	7	136	58	10	92	0.2	1.7	124.3	0.1	-0.7	A N	2721
272	4ACSR		49.1	24.9	0.0	A N	34	15	2	2	34	14	2	93	0.1	1.8	124.2	0.0	-1.8	A N	272
2722	4ACSR		42.5	24.9	0.0	A N	12	5	1	1	12	5	1	92	0.0	1.7	124.3	0.0	-0.5	A N	2722
2723	336ACSR		42.2	24.9	0.0	A N	0	0	0	1	40	17	3	92	0.0	1.7	124.3	0.0	-0.6	A N	2723
3032	4ACSR		45.0	24.9	0.0	A N	40	19	3	2	40	18	3	91	0.0	1.7	124.3	0.0	-0.5	A N	3032
268	4ACSR		23.5	24.9	0.0	A N	28	13	2	5	100	44	7	92	0.2	1.1	124.9	0.1	-1.0	A N	268
26801	4ACSR		27.9	24.9	0.0	A N	71	33	5	4	71	32	5	91	0.1	1.1	124.9	0.0	-0.9	A N	26801
30002	4ACSR		12.7	24.9	0.0	A N	18	8	1	1	18	7	1	93	0.0	0.4	125.6	0.0	-1.0	A N	30002

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********** Load-Flow Results For Hunt Ckt 2 **********
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Hunt Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					391	156	19	93			126.0			ABCN	Feeder
332	1/0ACSR	6.3	12.5	0.0	ABCN	-0	-0	0	8	391	156	19	93	0.5	0.5	125.5	1.4	-0.2	ABCN	332
333	1/0ACSR	10.6	12.5	0.0	ABCN	12	5	1	5	237	89	11	94	0.2	0.7	125.3	0.3	-0.6	ABCN	333
320	4ACSR	11.3	12.5	0.0	A N	13	6	2	19	182	79	26	92	0.2	0.9	125.1	0.2	0.1	A N	320
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 320																				
A N : Tap = 1 RAISE																				
Regulator		11.3	12.5	0.0	A N				25	169	73	25	92	-0.8	0.1	125.9	0.0	0.0	A N	Regulator
32000	4ACSR	12.1	12.5	0.0	A N	3	1	0	17	169	73	24	92	0.2	0.3	125.7	0.3	0.1	A N	32000
32001	4ACSR	16.7	12.5	0.0	A N	4	2	1	17	166	72	24	92	1.1	1.4	124.6	1.4	0.5	A N	32001
32002	4ACSR	19.9	12.5	0.0	A N	14	6	2	2	24	10	3	92	0.1	1.5	124.5	0.0	-0.2	A N	32002
32003	4ACSR	25.2	12.5	0.0	A N	6	3	1	1	10	4	1	93	0.1	1.5	124.5	0.0	-0.3	A N	32003
32004	4ACSR	32.6	12.5	0.0	A N	4	2	1	0	4	1	1	94	0.0	1.5	124.5	0.0	-0.4	A N	32004
321	4ACSR	22.6	12.5	0.0	A N	32	14	5	14	137	60	20	92	1.0	2.4	123.6	1.0	0.2	A N	321
310	4ACSR	29.6	12.5	0.0	A N	45	20	7	8	78	34	12	92	0.6	3.0	123.0	0.3	-0.2	A N	310
31000	4ACSR	35.7	12.5	0.0	A N	33	15	5	3	33	14	5	92	0.1	3.2	122.8	0.0	-0.3	A N	31000
31001	4ACSR	28.7	12.5	0.0	A N	26	12	4	3	26	11	4	92	0.1	2.5	123.5	0.0	-0.3	A N	31001
334	1/0ACSR	14.4	12.5	0.0	ABCN	11	5	1	1	42	5	2	99	0.0	0.7	125.3	0.0	-0.7	ABCN	334
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 334																				
ABCN : Tap = 0 NEUTRAL																				
Regulator		14.4	12.5	0.0	ABCN				1	30	0	1	100	0.0	0.7	125.3	0.0	0.0	ABCN	Regulator
33400	1/0ACSR	15.8	12.5	0.0	ABCN	0	0	0	1	30	0	1	100	0.0	0.7	125.3	0.0	-0.3	ABCN	33400
33401	1/0ACSR	17.7	12.5	0.0	ABCN	-0	0	0	1	30	0	1	100	0.0	0.7	125.3	0.0	-0.4	ABCN	33401
329	1/0ACSR	20.8	12.5	0.0	ABCN	30	1	1	1	30	1	1	100	0.0	0.7	125.3	0.0	-0.6	ABCN	329
317	4ACSR	12.2	12.5	0.0	A N	33	14	5	16	153	67	22	92	1.2	1.7	124.3	1.3	0.4	A N	317
301	4ACSR	13.6	12.5	0.0	A N	30	13	4	12	119	52	17	92	0.2	1.9	124.1	0.2	0.0	A N	301
30100	4ACSR	19.6	12.5	0.0	A N	36	16	5	9	89	39	13	92	0.6	2.5	123.5	0.4	-0.1	A N	30100
30101	4ACSR	27.7	12.5	0.0	A N	52	23	8	6	52	23	8	92	0.3	2.8	123.2	0.1	-0.3	A N	30101
316	4ACSR	16.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.7	124.3	0.0	-0.2	A N	316

********** Load-Flow Results For Hunt Ckt 3 **********

Hunt Ckt 3

						Section Load				Load Into Section				-- 120V Base --			Losses			
		Phase	Dist	Nom	%V	Phs				Ldg					Volt	Accm	Volt			Phs
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg Section
	Feeder			24.9	0.0	ABCN					1863	132	41	100			126.0			ABCN Feeder
	72	1/0ACSR	4.4	24.9	0.0	ABCN	15	7	0	18	1863	132	41	100	0.3	0.3	125.7	4.7	0.2	ABCN 72
	72721	1/0ACSR	9.1	24.9	0.0	ABCN	55	25	1	18	1843	125	41	100	0.4	0.7	125.3	4.9	0.1	ABCN 72721
	344	4ACSR	17.5	24.9	0.0	A N	3	2	0	0	3	-0	0	-100	0.0	0.7	125.3	0.0	-1.7	A N 344
	345	1/0ACSR	14.9	24.9	0.0	ABCN	57	26	1	17	1780	99	40	100	0.4	1.1	124.9	5.6	-0.2	ABCN 345
	355	1/0ACSR	19.3	24.9	0.0	ABCN	6	3	0	17	1708	72	38	100	0.3	1.4	124.6	4.0	-0.3	ABCN 355
	3552	1/0ACSR	20.8	24.9	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	1.4	124.6	0.0	-1.1	ABCN 3552
	3551	1/0ACSR	20.7	24.9	0.0	ABCN	7	3	0	17	1698	70	38	100	0.1	1.5	124.5	1.3	-0.1	ABCN 3551
	361	1/0ACSR	27.9	24.9	0.0	ABCN	3	1	0	16	1689	67	38	100	0.5	2.0	124.0	6.5	-0.5	ABCN 361
	3611	1/0ACSR	34.3	24.9	0.0	ABCN	46	21	1	16	1680	66	38	100	0.4	2.4	123.6	5.6	-0.5	ABCN 3611
	374	1/0ACSR	40.5	24.9	0.0	ABCN	74	34	2	14	1451	-29	33	-100	0.3	2.8	123.2	4.0	-1.5	ABCN 374
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 374																			
	ABCN : Tap = 4 RAISE																			
H	Regulator			40.5	24.9	0.0	ABCN				31	1373	-61	31	-100	-3.1	-0.3	126.1	-0.0	0.0	ABCN Regulator
H	3741	1/0ACSR	40.8	24.9	0.0	ABCN	-0	0	0	13	1373	-61	30	-100	0.0	-0.3	126.3	0.2	-0.1	ABCN 3741
	3742	1/0ACSR	47.4	24.9	0.0	ABCN	79	-627	14	13	1373	-61	30	-100	0.4	0.1	125.9	3.9	-2.1	ABCN 3742
	Capacitor (Wye-Gnd Connected) at Center of Section 3742																			
	ABCN : Nominal = 600 kvar Actual = 663 kvar																			
	376	1/0ACSR	48.6	24.9	0.0	ABCN	4	2	0	13	1216	536	29	91	0.1	0.2	125.8	0.7	-0.4	ABCN 376
	403	1/0ACSR	52.7	24.9	0.0	ABCN	105	48	3	11	1030	453	25	92	0.2	0.4	125.6	1.5	-2.0	ABCN 403
	404	1/0ACSR	56.9	24.9	0.0	ABCN	5	2	0	10	924	407	22	92	0.2	0.6	125.4	1.3	-2.2	ABCN 404
	406	1/0ACSR	61.7	24.9	0.0	ABCN	90	41	2	10	901	401	22	91	0.2	0.8	125.2	1.3	-2.6	ABCN 406
	40600	1/0ACSR	62.3	24.9	0.0	ABCN	36	17	1	8	765	344	19	91	0.0	0.8	125.2	0.1	-0.3	ABCN 40600
	410	4ACSR	65.8	24.9	0.0	A N	138	63	10	20	386	174	28	91	0.4	1.5	124.5	1.0	-0.1	A N 410
	411	4ACSR	70.4	24.9	0.0	A N	59	27	4	7	132	58	10	91	0.2	1.6	124.4	0.2	-0.9	A N 411
	401	6ACWC	76.4	24.9	0.0	A N	72	33	5	4	72	32	5	91	0.1	1.7	124.3	0.0	-1.2	A N 401
	4100	4ACSR	67.3	24.9	0.0	A N	116	53	9	6	116	53	9	91	0.0	1.5	124.5	0.0	-0.3	A N 4100
	413	4ACSR	68.4	24.9	0.0	A N	86	39	6	18	341	152	25	91	0.7	1.7	124.3	1.6	-0.4	A N 413
	414	6ACWC	74.3	24.9	0.0	A N	97	44	7	6	118	52	9	91	0.1	1.9	124.1	0.1	-1.1	A N 414
	41400	6ACWC	78.5	24.9	0.0	A N	21	10	2	1	21	9	2	92	0.0	1.9	124.1	0.0	-0.8	A N 41400
	415	6ACWC	74.9	24.9	0.0	A N	136	62	10	7	136	61	10	91	0.2	1.9	124.1	0.2	-1.2	A N 415
	407	6ACWC	66.0	24.9	0.0	A N	41	19	3	2	45	19	3	92	0.0	1.1	124.9	0.0	-0.9	A N 407
	40700	6ACWC	71.8	24.9	0.0	A N	3	2	0	0	3	0	0	99	0.0	1.1	124.9	0.0	-1.1	A N 40700
	405	4ACSR	63.9	24.9	0.0	A N	16	8	1	1	16	6	1	94	0.0	0.8	125.2	0.0	-1.4	A N 405
	402	4ACSR	52.6	24.9	0.0	A N	107	49	8	9	181	81	13	91	0.2	0.5	125.5	0.2	-0.7	A N 402
	4021	4ACSR	56.7	24.9	0.0	A N	74	34	5	4	74	33	5	91	0.1	0.6	125.4	0.0	-0.8	A N 4021
	377	6ACWC	54.1	24.9	0.0	A N	33	15	2	4	73	31	5	92	0.1	0.4	125.6	0.1	-1.3	A N 377
	400	4ACSR	61.1	24.9	0.0	A N	40	18	3	2	40	17	3	92	0.1	0.4	125.6	0.0	-1.4	A N 400
	358	4ACSR	38.2	24.9	0.0	A N	40	19	3	9	177	74	13	92	0.2	2.7	123.3	0.3	-0.6	A N 358
	362	4ACSR	46.3	24.9	0.0	A N	19	8	1	1	19	7	1	94	0.0	2.8	123.2	0.0	-1.6	A N 362
	363	4ACSR	44.8	24.9	0.0	A N	79	36	6	6	118	49	9	92	0.2	2.9	123.1	0.1	-1.2	A N 363
	356	4ACSR	62.8	24.9	0.0	A N	39	18	3	2	39	14	3	94	0.1	3.0	123.0	0.0	-3.5	A N 356
	346	4ACSR	21.0	24.9	0.0	A N	5	2	0	0	8	2	1	98	0.0	1.2	124.8	0.0	-1.2	A N 346
	34699	4ACSR	26.4	24.9	0.0	A N	3	2	0	0	3	1	0	99	0.0	1.2	124.8	0.0	-1.1	A N 34699

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********** Load-Flow Results For Hunt Ckt 4 **********
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Hunt Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					2246	613	51	96			126.0			ABCN	Feeder
	66	397ACSR	9.0	24.9	0.0	ABCN	22	10	1	9	2246	613	51	96	0.3	0.3	125.7	3.5	0.6	ABCN	66
	6666	397ACSR	10.5	24.9	0.0	ABCN	2	1	0	8	2119	562	49	97	0.0	0.4	125.6	0.5	-0.0	ABCN	6666
	63	4ACSR	12.4	24.9	0.0	A N	11	5	1	11	219	97	16	91	0.1	0.5	125.5	0.2	-0.3	A N	63
	63000	4ACSR	19.9	24.9	0.0	A N	99	46	7	11	208	92	15	91	0.4	0.9	125.1	0.6	-1.2	A N	63000
	63001	4ACSR	24.6	24.9	0.0	A N	58	27	4	6	108	48	8	91	0.1	1.1	124.9	0.1	-0.9	A N	63001
	63002	4ACSR	28.9	24.9	0.0	A N	50	23	4	3	50	22	4	91	0.0	1.1	124.9	0.0	-0.8	A N	63002
	65	397ACSR	16.9	24.9	0.0	ABCN	17	8	0	7	1897	464	43	97	0.2	0.5	125.5	1.7	-1.3	ABCN	65
	64	397ACSR	21.3	24.9	0.0	ABCN	109	50	3	7	1867	454	43	97	0.1	0.6	125.4	1.1	-1.1	ABCN	64
	64000	397ACSR	21.9	24.9	0.0	ABCN	-0	0	0	7	1756	405	40	97	0.0	0.7	125.3	0.1	-0.2	ABCN	64000
	60	2ACSR	27.4	24.9	0.0	ABCN	67	31	2	19	1533	308	35	98	0.5	1.2	124.8	6.0	-0.9	ABCN	60
	60000	2ACSR	29.6	24.9	0.0	ABCN	-0	0	0	18	1460	278	33	98	0.2	1.4	124.6	2.4	-0.4	ABCN	60000
	57	2ACSR	35.8	24.9	0.0	ABCN	32	15	1	18	1457	278	33	98	0.6	2.0	124.0	6.3	-1.2	ABCN	57
	57000	2ACSR	40.0	24.9	0.0	ABCN	-0	0	0	18	1419	265	32	98	0.4	2.4	123.6	4.2	-0.9	ABCN	57000
	57001	2ACSR	40.7	24.9	0.0	ABCN	0	0	0	18	1415	266	32	98	0.1	2.4	123.6	0.8	-0.2	ABCN	57001
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 57001																				
	ABCN : Tap = 4 RAISE																				
H	Regulator			24.9	0.0	ABCN				32	1414	266	32	98	-3.1	-0.6	126.4	-0.0	-0.0	ABCN	Regulator
	55	2ACSR	49.0	24.9	0.0	ABCN	15	-325	7	18	1414	267	32	98	0.8	0.1	125.9	8.4	-1.9	ABCN	55
	Capacitor (Wye-Gnd Connected) at Center of Section 55																				
	ABCN : Nominal = 300 kvar Actual = 332 kvar																				
	40	1/0ACSR	50.6	24.9	0.0	ABCN	0	0	0	3	261	107	6	92	0.0	0.2	125.8	0.0	-1.2	ABCN	40
	40000	1/0ACSR	53.6	24.9	0.0	ABCN	4	2	0	3	261	108	6	92	0.0	0.2	125.8	0.1	-2.3	ABCN	40000
	40001	4ACSR	58.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-81	0.0	0.3	125.7	0.0	-1.0	A N	40001
	40002	1/0ACSR	54.3	24.9	0.0	ABCN	45	21	1	3	256	109	6	92	0.0	0.2	125.8	0.0	-0.5	ABCN	40002
	40003	1/0ACSR	61.4	24.9	0.0	ABCN	0	0	0	2	211	89	5	92	0.1	0.3	125.7	0.1	-5.4	ABCN	40003
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 40003																				
	Transformer			61.4	12.4	0.0	ABCN				23	211	94	5	91	0.0	0.3	125.7	0.0	0.0	ABCN	Transformer
	34	4ACSR	68.1	12.4	0.0	A N	15	7	2	13	120	54	18	91	1.1	1.5	124.5	1.0	0.2	A N	34
	34000	4ACSR	73.3	12.4	0.0	A N	21	10	3	11	105	47	15	91	0.7	2.2	123.8	0.5	0.0	A N	34000
	32	4ACSR	82.2	12.4	0.0	A N	59	27	9	6	59	27	9	91	0.4	2.6	123.4	0.2	-0.3	A N	32
	33	4ACSR	79.4	12.4	0.0	A N	24	11	4	3	24	11	4	91	0.1	2.3	123.7	0.0	-0.3	A N	33
	35	4ACSR	65.9	12.4	0.0	A N	20	9	3	9	90	40	13	91	0.5	0.9	125.1	0.3	-0.1	A N	35
	36	1/0ACSR	67.4	12.4	0.0	A N	12	5	2	3	49	22	7	91	0.1	1.0	125.0	0.0	-0.1	A N	36
	36000	4ACSR	72.9	12.4	0.0	A N	38	17	6	4	38	17	6	91	0.2	1.1	124.9	0.0	-0.3	A N	36000
	37	4ACSR	71.9	12.4	0.0	A N	13	6	2	2	21	9	3	92	0.1	1.0	125.0	0.0	-0.3	A N	37
	37000	4ACSR	79.4	12.4	0.0	A N	8	4	1	1	8	3	1	92	0.0	1.1	124.9	0.0	-0.4	A N	37000
	41	1/0ACSR	56.7	24.9	0.0	ABCN	87	40	2	12	1130	487	27	92	0.4	0.6	125.4	3.4	-3.3	ABCN	41
	42	4ACSR	61.3	24.9	0.0	A N	39	18	3	2	39	17	3	92	0.0	0.8	125.2	0.0	-0.9	A N	42
	43	1/0ACSR	59.4	24.9	0.0	ABCN	24	11	1	11	1000	433	24	92	0.1	0.7	125.3	1.0	-1.3	ABCN	43
	44	4ACSR	61.4	24.9	0.0	A N	1	0	0	8	151	67	11	91	0.1	1.0	125.0	0.1	-0.3	A N	44
	44000	4ACSR	71.3	24.9	0.0	A N	149	69	11	8	149	67	11	91	0.3	1.3	124.7	0.3	-1.8	A N	44000
	45	1/0ACSR	61.2	24.9	0.0	ABCN	13	6	0	9	824	356	20	92	0.1	0.8	125.2	0.4	-1.0	ABCN	45
	46	1/0ACSR	61.7	24.9	0.0	ABCN	13	6	0	3	303	130	7	92	0.0	0.8	125.2	0.0	-0.4	ABCN	46
	46000	1/0ACSR	68.4	24.9	0.0	ABCN	107	49	3	3	290	125	7	92	0.1	0.9	125.1	0.2	-5.0	ABCN	46000
	50	4ACSR	71.8	24.9	0.0	A N	20	9	1	1	20	9	1	92	0.0	1.1	124.9	0.0	-0.7	A N	50
	38	6ACWC	72.1	24.9	0.0	A N	66	30	5	8	162	71	12	92	0.2	1.3	124.7	0.2	-0.6	A N	38
	38000	6ACWC	78.9	24.9	0.0	A N	57	26	4	5	95	41	7	92	0.2	1.4	124.6	0.1	-1.3	A N	38000
	38001	6ACWC	84.3	24.9	0.0	A N	38	18	3	2	38	16	3	92	0.0	1.5	124.5	0.0	-1.1	A N	38001
	45000	1/0ACSR	67.1	24.9	0.0	ABCN	69	32	2	5	507	221	12	92	0.1	0.9	125.1	0.5	-4.1	ABCN	45000
	45001	4ACSR	68.1	24.9	0.0	A N	0	0	0	6	121	51	9	92	0.0	1.2	124.8	0.0	-0.2	A N	45001
	53	4ACSR	77.5	24.9	0.0	A N	81	37	6	4	81	35	6	92	0.1	1.3	124.7	0.1	-1.8	A N	53
	54	4ACSR	72.1	24.9	0.0	A N	35	16	3	2	40	16	3	93	0.0	1.2	124.8	0.0	-0.8	A N	54
	54002	4ACSR	74.1	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.2	124.8	0.0	-0.4	A N	54002
	54003	4ACSR	79.0	24.9	0.0	A N	6	3	0	0	6	1	0	98	0.0	1.2	124.8	0.0	-1.4	A N	54003
	52	4ACSR	76.3	24.9	0.0	A N	175	80	13	17	316	142	23	91	0.8	1.9	124.1	1.6	-1.0	A N	52
	51	4ACSR	82.6	24.9	0.0	A N	65	30	5	3	65	29	5	92	0.1	2.0	124.0	0.0	-1.2	A N	51
	52000	4ACSR	76.7	24.9	0.0	A N	14	7	1	4	75	34	6	91	0.0	1.9	124.1	0.0	-0.1	A N	52000
	52001	4ACSR	80.2	24.9	0.0	A N	61	28	5	3	61	27	4	91	0.0	2.0	124.0	0.0	-0.7	A N	52001
	52002	4ACSR	77.1	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.9	124.1	0.0	-0.1	A N	52002
H	56	4ACSR	47.4	24.9	0.0	A N	0	0	0	0	0	-1	0	-10	-0.0	-0.6	126.6	0.0	-1.4	A N	56

Hunt Ckt 4

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Level	Losses KW	KVAR	Phs Cfg	Section
6000	397ACSR	24.1	24.9	0.0	ABCN		0	0	0	0	0	-2	0	0	-0.0	0.7	125.3	0.0	-1.9	ABCN	6000
61	4ACSR	27.9	24.9	0.0	A	N	5	2	0	12	223	99	16	91	0.5	1.2	124.8	0.8	-0.8	A N	61
61000	4ACSR	31.6	24.9	0.0	A	N	66	30	5	11	218	97	16	91	0.2	1.4	124.6	0.4	-0.5	A N	61000
61001	4ACSR	35.3	24.9	0.0	A	N	60	27	4	3	60	27	4	91	0.0	1.5	124.5	0.0	-0.7	A N	61001
61002	4ACSR	38.2	24.9	0.0	A	N	92	42	7	5	92	41	7	91	0.1	1.5	124.5	0.1	-1.3	A N	61002
70	6ACWC	24.4	24.9	0.0	A	N	11	5	1	1	11	4	1	95	0.0	0.6	125.4	0.0	-1.5	A N	70
71	4ACSR	10.8	24.9	0.0	A	N	5	2	0	5	101	40	7	93	0.1	0.4	125.6	0.0	-0.3	A N	71
71099	4ACSR	18.8	24.9	0.0	A	N	65	30	5	4	87	37	6	92	0.2	0.5	125.5	0.1	-1.6	A N	71099
71098	4ACSR	26.1	24.9	0.0	A	N	22	10	2	1	22	9	2	93	0.0	0.6	125.4	0.0	-1.5	A N	71098
77	6ACWC	18.5	24.9	0.0	A	N	9	4	1	0	9	1	1	99	0.0	0.4	125.6	0.0	-1.6	A N	77
77000	4ACSR	25.7	24.9	0.0	A	N	0	0	0	0	0	-1	0	0	-0.0	0.4	125.6	0.0	-1.5	A N	77000

********** Load Flow Results For Jeffersonville Ckt 1 **********

Jeffersonville Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2835	933	66	95			126.0			ABCN	Feeder
536	336ACSR	1.8	24.9	0.0	ABCN	34	16	1	12	2835	933	66	95	0.1	0.1	125.9	1.3	1.2	ABCN	536
5362	336ACSR	4.8	24.9	0.0	ABCN	56	26	1	12	2679	861	62	95	0.1	0.2	125.8	2.0	1.6	ABCN	5362
5363	336ACSR	8.1	24.9	0.0	ABCN	14	6	0	10	2383	727	55	96	0.1	0.4	125.6	1.7	0.8	ABCN	5363
5364	336ACSR	9.4	24.9	0.0	ABCN	12	5	0	10	2199	647	51	96	0.0	0.4	125.6	0.6	0.1	ABCN	5364
5365	336ACSR	10.7	24.9	0.0	ABCN	39	18	1	10	2186	642	50	96	0.1	0.5	125.5	0.6	0.1	ABCN	5365
5366	336ACSR	12.5	24.9	0.0	ABCN	0	-328	7	9	2055	582	47	96	0.1	0.5	125.5	0.7	0.0	ABCN	5366
Capacitor (Wye-Gnd Connected) at Center of Section 5366																				
	ABCN : Nominal = 300 kvar					Actual = 328 kvar														
5368	1/0ACSR	12.9	24.9	0.0	ABCN	0	0	0	19	1784	788	43	91	0.0	0.6	125.4	0.4	0.0	ABCN	5368
5367	1/0ACSR	14.3	24.9	0.0	ABCN	18	8	0	18	1708	754	41	91	0.1	0.7	125.3	1.5	0.1	ABCN	5367
533	1/0ACSR	19.1	24.9	0.0	ABCN	13	6	0	17	1580	697	38	91	0.4	1.1	124.9	4.5	-0.3	ABCN	533
5331	1/0ACSR	19.4	24.9	0.0	ABCN	8	4	0	12	1131	496	28	92	0.0	1.1	124.9	0.1	-0.1	ABCN	5331
530	1/0ACSR	22.3	24.9	0.0	ABCN	11	5	0	10	942	412	23	92	0.1	1.3	124.7	1.0	-1.5	ABCN	530
5301	4ACSR	27.0	24.9	0.0	A N	64	29	5	3	64	28	5	91	0.1	1.3	124.7	0.0	-0.9	A N	5301
5302	1/0ACSR	25.1	24.9	0.0	ABCN	49	22	1	9	865	380	21	92	0.1	1.4	124.6	0.7	-1.5	ABCN	5302
526	1/0ACSR	30.4	24.9	0.0	ABCN	106	49	3	7	627	274	15	92	0.2	1.5	124.5	0.7	-3.5	ABCN	526
5230	1/0ACSR	32.2	24.9	0.0	ABCN	103	42	2	1	103	41	2	93	0.0	1.5	124.5	0.0	-1.3	ABCN	5230
524	4ACSR	34.5	24.9	0.0	A N	84	38	6	22	417	187	31	91	0.6	2.2	123.8	1.7	0.1	A N	524
5240	4ACSR	39.3	24.9	0.0	A N	113	52	8	18	332	149	25	91	0.5	2.7	123.3	1.1	-0.4	A N	5240
544	4ACSR	43.4	24.9	0.0	A N	123	56	9	12	218	97	16	91	0.2	2.9	123.1	0.3	-0.6	A N	544
5440	4ACSR	50.7	24.9	0.0	A N	85	39	6	4	85	37	6	91	0.1	3.0	123.0	0.1	-1.4	A N	5440
5441	4ACSR	44.9	24.9	0.0	A N	9	4	1	0	9	4	1	92	0.0	2.9	123.1	0.0	-0.3	A N	5441
5272	4ACSR	25.9	24.9	0.0	A N	110	50	8	10	189	85	14	91	0.0	1.5	124.5	0.0	-0.1	A N	5272
527	4ACSR	28.9	24.9	0.0	A N	46	21	3	2	46	20	3	91	0.0	1.5	124.5	0.0	-0.6	A N	527
5271	4ACSR	29.8	24.9	0.0	A N	33	15	2	2	33	14	2	92	0.0	1.5	124.5	0.0	-0.8	A N	5271
531	6ACWC	23.7	24.9	0.0	A N	12	6	1	9	181	81	13	91	0.3	1.4	124.6	0.3	-0.6	A N	531
5311	6ACWC	28.2	24.9	0.0	A N	94	43	7	5	94	42	7	91	0.1	1.5	124.5	0.1	-0.9	A N	5311
9531	6ACWC	26.5	24.9	0.0	A N	74	34	5	4	74	33	5	91	0.0	1.4	124.6	0.0	-0.6	A N	9531
532	336ACSR	23.9	24.9	0.0	A N	155	71	11	6	432	195	32	91	0.2	1.3	124.7	0.3	-0.5	A N	532
5321	336ACSR	29.2	24.9	0.0	A N	78	36	6	4	277	125	20	91	0.1	1.4	124.6	0.1	-0.9	A N	5321
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 5321																				
Transformer		29.2	12.4	0.0	A N				65	199	90	15	91	0.0	1.4	124.6	0.0	0.0	A N	Transformer
546	4ACSR	30.8	12.4	0.0	A N	15	7	2	20	192	87	28	91	0.4	1.9	124.1	0.6	0.3	A N	546
5461	4ACSR	38.0	12.4	0.0	A N	49	23	7	5	50	22	7	91	0.3	2.1	123.9	0.1	-0.3	A N	5461
547	4ACSR	41.7	12.4	0.0	A N	125	58	19	13	126	58	19	91	1.0	2.9	123.1	1.0	-0.0	A N	547
548	4ACSR	35.5	12.4	0.0	A N	7	3	1	1	7	3	1	92	0.0	1.4	124.6	0.0	-0.3	A N	548
535	4ACSR	19.0	24.9	0.0	A N	108	50	8	6	108	49	8	91	0.1	0.8	125.2	0.1	-0.9	A N	535
5369	1/0ACSR	15.9	24.9	0.0	A N	75	34	5	2	75	34	5	91	0.0	0.6	125.4	0.0	-0.6	A N	5369
9534	4ACSR	16.6	24.9	0.0	A N	89	41	6	14	270	122	20	91	0.3	0.9	125.1	0.6	-0.5	A N	9534
534	6ACWC	21.6	24.9	0.0	A N	181	83	13	9	181	82	13	91	0.2	1.0	125.0	0.2	-0.9	A N	534
53651	4ACSR	13.4	24.9	0.0	A N	91	42	7	5	91	41	7	91	0.0	0.5	125.5	0.0	-0.5	A N	53651
734	4ACSR	15.3	24.9	0.0	A N	62	29	5	9	168	72	12	92	0.4	0.7	125.3	0.4	-1.2	A N	734
7341	4ACSR	19.4	24.9	0.0	A N	8	4	1	0	9	3	1	95	0.0	0.7	125.3	0.0	-0.8	A N	7341
545	6ACWC	21.3	24.9	0.0	A N	2	1	0	0	2	0	0	98	0.0	0.7	125.3	0.0	-0.4	A N	545
735	4ACSR	21.1	24.9	0.0	A N	77	35	6	5	96	42	7	92	0.1	0.9	125.1	0.1	-1.1	A N	735
7351	4ACSR	27.7	24.9	0.0	A N	20	9	1	1	20	8	1	93	0.0	0.9	125.1	0.0	-1.3	A N	7351
725	6ACWC	8.0	24.9	0.0	A N	42	19	3	12	238	107	17	91	0.2	0.5	125.5	0.4	-0.4	A N	725
7251	6ACWC	11.8	24.9	0.0	A N	168	77	12	9	168	77	12	91	0.1	0.6	125.4	0.1	-0.7	A N	7251
7252	6ACWC	10.0	24.9	0.0	A N	27	12	2	1	27	12	2	91	0.0	0.5	125.5	0.0	-0.4	A N	7252
5361	4ACSR	7.1	24.9	0.0	A N	122	56	9	6	122	55	9	91	0.1	0.2	125.8	0.1	-1.0	A N	5361

********** Load Flow Results For Jeffersonville Ckt 2 **********

Jeffersonville Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1464	244	33	99			126.0			ABCN	Feeder
726	336ACSR	1.6	24.9	0.0	ABCN	60	29	1	6	1464	244	33	99	0.0	0.0	126.0	0.3	-0.8	ABCN	726
7261	336ACSR	8.5	24.9	0.0	ABCN	8	4	0	6	1403	217	31	99	0.1	0.2	125.8	1.2	-3.4	ABCN	7261
727	336ACSR	10.9	24.9	0.0	ABCN	0	-0	0	6	1314	185	29	99	0.0	0.2	125.8	0.4	-1.3	ABCN	727
7302	336ACSR	12.1	24.9	0.0	ABCN	47	22	1	6	1313	186	29	99	0.0	0.2	125.8	0.2	-0.7	ABCN	7302
7301	336ACSR	13.9	24.9	0.0	ABCN	36	14	1	5	1266	164	28	99	0.0	0.3	125.7	0.2	-1.1	ABCN	7301
730	336ACSR	15.4	24.9	0.0	ABCN	9	-325	7	5	1230	151	27	99	0.0	0.3	125.7	0.2	-0.8	ABCN	730
Capacitor (Wye-Gnd Connected) at Center of Section 730																				
ABCN : Nominal = 300 kvar Actual = 329 kvar																				
728	1/0CU	16.7	24.9	0.0	ABCN	55	9	1	2	241	95	6	93	0.0	0.3	125.7	0.0	-0.9	ABCN	728
7281	6ACWC	20.8	24.9	0.0	A N	186	88	14	10	186	87	14	91	0.1	0.5	125.5	0.2	-0.7	A N	7281
731	2ACSR	16.9	24.9	0.0	ABCN	18	9	0	8	582	207	14	94	0.1	0.4	125.6	0.3	-1.0	ABCN	731
7311	2ACSR	20.4	24.9	0.0	ABCN	31	15	1	7	563	199	13	94	0.1	0.5	125.5	0.6	-2.3	ABCN	7311
732	2ACSR	26.3	24.9	0.0	ABCN	358	113	8	6	486	168	11	95	0.1	0.6	125.4	0.9	-3.8	ABCN	732
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 732																				
Transformer			26.3	12.4	0.0	ABCN				14	126	58	3	91	0.0	0.6	125.4	0.0	0.0	ABCN	Transformer
7321	2ACSR	30.2	12.4	0.0	ABCN	30	14	1	3	93	42	5	91	0.1	0.7	125.3	0.1	-0.7	ABCN	7321
724	4ACSR	37.2	12.4	0.0	A N	44	21	7	7	63	29	9	91	0.4	1.4	124.6	0.2	-0.3	A N	724
7241	4ACSR	45.1	12.4	0.0	A N	18	9	3	2	18	8	3	91	0.1	1.5	124.5	0.0	-0.4	A N	7241
7320	6ACWC	30.3	12.4	0.0	A N	33	16	5	4	33	16	5	91	0.1	0.9	125.1	0.0	-0.2	A N	7320
743	6ACWC	29.2	24.9	0.0	A N	30	14	2	2	46	18	3	93	0.1	0.6	125.4	0.0	-1.8	A N	743
7431	6ACWC	36.5	24.9	0.0	A N	15	7	1	1	15	6	1	94	0.0	0.6	125.4	0.0	-1.5	A N	7431
744	1/0CU	18.8	24.9	0.0	ABCN	0	0	0	3	399	175	10	92	0.0	0.3	125.7	0.1	-2.5	ABCN	744
7441	1/0CU	24.1	24.9	0.0	ABCN	22	10	1	3	371	165	9	91	0.1	0.4	125.6	0.1	-3.8	ABCN	7441
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 7441																				
Transformer			24.1	12.4	0.0	ABCN				38	349	159	8	91	0.0	0.4	125.6	0.0	0.0	ABCN	Transformer
737	1/0CU	30.3	12.4	0.0	ABCN	13	6	1	2	111	47	5	92	0.1	0.5	125.5	0.1	-1.1	ABCN	737
7371	1/0CU	35.8	12.4	0.0	ABCN	8	4	0	2	98	42	5	92	0.1	0.6	125.4	0.0	-1.0	ABCN	7371
7372	1/0CU	43.1	12.4	0.0	ABCN	13	6	1	1	90	39	4	92	0.1	0.6	125.4	0.0	-1.3	ABCN	7372
7373	6ACWC	49.7	12.4	0.0	A N	26	12	4	3	26	12	4	91	0.1	0.8	125.2	0.0	-0.3	A N	7373
7374	1/0CU	47.3	12.4	0.0	ABCN	13	6	1	1	51	23	2	91	0.0	0.7	125.3	0.0	-0.8	ABCN	7374
7375	6ACWC	50.0	12.4	0.0	A N	23	11	3	2	23	11	3	91	0.0	0.8	125.2	0.0	-0.1	A N	7375
7376	1/0CU	50.4	12.4	0.0	ABCN	15	7	1	0	15	7	1	92	0.0	0.7	125.3	0.0	-0.6	ABCN	7376
740	6ACWC	31.1	12.4	0.0	A N	67	32	10	25	238	111	35	91	2.0	2.4	123.6	3.1	1.5	A N	740
7401	6ACWC	36.2	12.4	0.0	A N	41	20	6	18	167	78	25	91	1.1	3.4	122.6	1.2	0.5	A N	7401
741	6ACWC	41.4	12.4	0.0	A N	33	16	5	4	33	15	5	91	0.1	3.6	122.4	0.0	-0.2	A N	741
742	6ACWC	40.2	12.4	0.0	A N	37	18	6	10	92	43	14	91	0.4	3.9	122.1	0.2	-0.0	A N	742
7421	6ACWC	51.0	12.4	0.0	A N	54	25	8	6	54	25	8	91	0.4	4.3	121.7	0.2	-0.4	A N	7421
7442	4ACSR	22.2	24.9	0.0	A N	28	13	2	1	28	13	2	91	0.0	0.4	125.6	0.0	-0.7	A N	7442
736	4ACSR	15.5	24.9	0.0	A N	9	4	1	4	80	32	6	93	0.2	0.4	125.6	0.1	-1.4	A N	736
7361	4ACSR	18.4	24.9	0.0	A N	19	9	1	4	71	29	5	93	0.1	0.4	125.6	0.0	-0.6	A N	7361
7362	4ACSR	28.0	24.9	0.0	A N	3	1	0	2	40	16	3	93	0.1	0.6	125.4	0.0	-1.9	A N	7362
7363	4ACSR	34.6	24.9	0.0	A N	37	17	3	2	37	16	3	92	0.0	0.6	125.4	0.0	-1.3	A N	7363
73612	4ACSR	22.5	24.9	0.0	A N	12	6	1	1	12	5	1	93	0.0	0.4	125.6	0.0	-0.8	A N	73612

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********** Load-Flow Results For Mariba Ckt 1 **********
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Mariba Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					559	78	25	99			126.0			ABCN	Feeder
1105	1/0ACSR		3.3	12.5	0.0	ABCN	14	11	1	11	559	78	25	99	0.3	0.3	125.7	1.3	0.3	ABCN	1105
1106	1/0ACSR		8.2	12.5	0.0	ABCN	310	-110	15	11	543	67	24	99	0.4	0.7	125.3	2.0	0.9	ABCN	1106
Capacitor (Wye-Gnd Connected) at Center of Section 1106																					
	ABCN : Nominal = 150 kvar Actual = 164 kvar																				
11063	1/0ACSR		11.9	12.5	0.0	ABCN	87	66	5	4	159	120	9	80	0.1	0.8	125.2	0.2	-0.5	ABCN	11063
11064	4ACSR		13.6	12.5	0.0	A N	58	44	10	7	58	44	10	80	0.1	1.4	124.6	0.0	-0.1	A N	11064
11065	1/0ACSR		12.9	12.5	0.0	ABCN	14	10	1	0	14	10	1	80	0.0	0.8	125.2	0.0	-0.2	ABCN	11065
11061	2ACSR		11.2	12.5	0.0	A N	68	52	11	7	73	55	12	80	0.1	1.2	124.8	0.1	-0.1	A N	11061
11062	2ACSR		15.5	12.5	0.0	A N	4	3	1	0	4	3	1	82	0.0	1.2	124.8	0.0	-0.2	A N	11062

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**********Load-Flow Results For Mariba Ckt 2 **********
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Mariba Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1008	472	25	91			126.0			ABCN	Feeder
1122	1/0ACSR	6.3	24.9	0.0	ABCN	50	-128	3	11	1008	472	25	91	0.3	0.3	125.7	2.5	-3.0	ABCN	1122
Capacitor (Wye-Gnd Connected) at Center of Section 1122																				
	ABCN : Nominal = 150 kvar					Actual = 165 kvar														
1124	1/0ACSR	9.5	24.9	0.0	ABCN	23	17	1	10	917	576	24	85	0.2	0.5	125.5	1.2	-1.6	ABCN	1124
11241	336ACSR	14.7	24.9	0.0	ABCN	61	45	2	4	893	560	23	85	0.1	0.6	125.4	0.5	-3.5	ABCN	11241
1127	4ACSR	16.8	24.9	0.0	A N	72	11	5	16	291	160	22	88	0.2	0.9	125.1	0.4	-0.2	A N	1127
1125	4ACSR	20.0	24.9	0.0	A N	22	17	2	10	172	118	14	83	0.2	1.1	124.9	0.3	-0.5	A N	1125
1101	4ACSR	27.4	24.9	0.0	A N	45	33	4	8	137	95	11	82	0.3	1.4	124.6	0.4	-1.3	A N	1101
11011	6ACWC	35.2	24.9	0.0	A N	20	15	2	1	20	13	2	83	0.0	1.5	124.5	0.0	-1.6	A N	11011
11012	6ACWC	31.3	24.9	0.0	A N	42	31	4	4	72	50	6	82	0.1	1.5	124.5	0.0	-0.8	A N	11012
11013	6ACWC	38.2	24.9	0.0	A N	23	17	2	2	30	20	2	84	0.0	1.6	124.4	0.0	-1.4	A N	11013
1100	6ACWC	44.0	24.9	0.0	A N	7	5	1	0	7	4	1	87	0.0	1.6	124.4	0.0	-1.2	A N	1100
1128	4ACSR	27.4	24.9	0.0	A N	12	9	1	1	12	7	1	88	0.0	1.1	124.9	0.0	-1.5	A N	1128
11281	4ACSR	32.6	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	1.1	124.9	0.0	-1.0	A N	11281
1126	4ACSR	22.0	24.9	0.0	A N	19	14	2	3	48	32	4	83	0.1	1.0	125.0	0.0	-1.0	A N	1126
11261	4ACSR	30.1	24.9	0.0	A N	28	21	2	2	28	19	2	83	0.0	1.0	125.0	0.0	-1.6	A N	11261
1130	336ACSR	22.0	24.9	0.0	ABCN	110	71	3	3	540	358	14	83	0.1	0.7	125.3	0.2	-5.7	ABCN	1130
11302	6ACWC	24.9	24.9	0.0	A N	32	16	2	21	362	243	29	83	0.4	1.2	124.8	1.1	0.1	A N	11302
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 11302																				
	A N : Tap = 1			RAISE																
Regulator			24.9	24.9	0.0	A N				27	329	227	27	82	-0.8	0.4	125.4	0.0	0.0	A N	Regulator
1145	6ACWC	32.6	24.9	0.0	A N	42	31	4	18	305	211	25	82	0.8	1.2	124.8	2.0	-0.4	A N	1145
11456	6ACWC	37.8	24.9	0.0	A N	54	40	5	13	224	154	18	82	0.4	1.6	124.4	0.6	-0.6	A N	11456
11457	6ACWC	38.7	24.9	0.0	A N	0	0	0	7	112	78	9	82	0.0	1.7	124.3	0.0	-0.2	A N	11457
11450	4ACSR	39.6	24.9	0.0	A N	3	2	0	0	3	2	0	82	0.0	1.7	124.3	0.0	-0.2	A N	11450
1141	4ACSR	42.7	24.9	0.0	A N	45	33	4	6	109	76	9	82	0.1	1.8	124.2	0.1	-0.7	A N	1141
11411	6ACWC	48.9	24.9	0.0	A N	32	24	3	2	32	23	3	82	0.0	1.9	124.1	0.0	-1.2	A N	11411
11412	4ACSR	46.1	24.9	0.0	A N	12	9	1	2	32	20	3	84	0.0	1.8	124.2	0.0	-0.7	A N	11412
11413	6ACWC	49.6	24.9	0.0	A N	4	3	0	0	4	2	0	87	0.0	1.8	124.2	0.0	-0.7	A N	11413
11414	6ACWC	50.0	24.9	0.0	A N	9	7	1	1	16	10	1	85	0.0	1.9	124.1	0.0	-0.8	A N	11414
11415	6ACWC	55.5	24.9	0.0	A N	7	5	1	0	7	4	1	86	0.0	1.9	124.1	0.0	-1.1	A N	11415
1142	6ACWC	42.4	24.9	0.0	A N	18	13	2	3	56	37	5	84	0.1	1.7	124.3	0.0	-0.9	A N	1142
1143	4ACSR	47.3	24.9	0.0	A N	9	7	1	1	9	6	1	84	0.0	1.7	124.3	0.0	-1.0	A N	1143
1144	6ACWC	45.2	24.9	0.0	A N	11	8	1	2	29	19	2	84	0.0	1.7	124.3	0.0	-0.5	A N	1144
11441	6ACWC	47.0	24.9	0.0	A N	0	0	0	1	18	12	1	84	0.0	1.7	124.3	0.0	-0.3	A N	11441
11442	6ACWC	52.9	24.9	0.0	A N	18	13	2	1	18	12	1	83	0.0	1.8	124.2	0.0	-1.2	A N	11442
11443	2ACSR	48.9	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	1.7	124.3	0.0	-0.8	A N	11443
11451	2ACSR	39.5	24.9	0.0	A N	37	27	3	2	37	26	3	82	0.0	1.3	124.7	0.0	-1.4	A N	11451
1146	4ACSR	31.9	24.9	0.0	A N	24	18	2	1	24	17	2	83	0.0	0.4	125.6	0.0	-1.4	A N	1146
11301	4ACSR	28.5	24.9	0.0	A N	67	50	6	4	67	49	6	81	0.1	0.9	125.1	0.1	-1.3	A N	11301
1123	4ACSR	13.3	24.9	0.0	A N	38	28	3	2	38	27	3	82	0.1	0.4	125.6	0.0	-1.4	A N	1123

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********** Load-Flow Results For Mariba Ckt 3 **********
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Mariba Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1171	33	52	100			126.0			ABCN	Feeder
1120	336ACSR	1.9	12.5	0.0	ABCN	14	12	1	10	1171	33	52	100	0.1	0.1	125.9	0.9	1.4	ABCN	1120
11201	336ACSR	3.0	12.5	0.0	ABCN	6	5	0	10	1156	20	51	100	0.1	0.2	125.8	0.5	0.8	ABCN	11201
1117	4ACSR	8.1	12.5	0.0	ABCN	38	32	2	36	1128	-4	50	-100	2.0	2.2	123.8	17.9	5.0	ABCN	1117
11171	4ACSR	11.5	12.5	0.0	A N	12	10	2	1	12	10	2	77	0.0	2.3	123.7	0.0	-0.2	A N	11171
11172	4ACSR	8.5	12.5	0.0	ABCN	0	0	0	34	1060	-51	48	-100	0.1	2.3	123.7	1.2	0.3	ABCN	11172
1116	6ACWC	13.4	12.5	0.0	ABCN	56	47	3	34	1048	-60	47	-100	1.7	4.0	122.0	14.5	4.2	ABCN	1116
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1116																				
	ABCN : Tap = 5 RAISE																			
Regulator			13.4	12.5	0.0	ABCN				45	978	-111	45	-99	-3.8	0.2	125.8	-0.0	0.0	ABCN	Regulator
11162	6ACWC	14.6	12.5	0.0	ABCN	0	-164	7	30	934	-148	42	-99	0.4	0.5	125.5	2.8	0.8	ABCN	11162
Capacitor (Wye-Gnd Connected) at Center of Section 11162																				
	ABCN : Nominal = 150 kvar Actual = 164 kvar																			
1114	4ACSR	20.0	12.5	0.0	ABCN	42	35	2	28	895	-14	40	-100	1.7	2.2	123.8	11.9	3.0	ABCN	1114
11141	4ACSR	23.9	12.5	0.0	ABCN	103	18	5	27	841	-52	38	-100	1.1	3.3	122.7	7.2	1.8	ABCN	11141
11142	6ACWC	27.6	12.5	0.0	A N	10	8	2	1	10	8	2	77	0.0	4.0	122.0	0.0	-0.2	A N	11142
11143	6ACWC	29.2	12.5	0.0	ABCN	51	43	3	23	720	-81	33	-99	1.2	4.5	121.5	7.5	1.7	ABCN	11143
11144	6ACWC	31.7	12.5	0.0	ABCN	3	-151	7	22	662	-125	31	-98	0.6	5.1	120.9	3.2	0.7	ABCN	11144
Capacitor (Wye-Gnd Connected) at Center of Section 11144																				
	ABCN : Nominal = 150 kvar Actual = 153 kvar																			
11145	6ACWC	35.3	12.5	0.0	ABCN	644	21	30	22	652	25	30	100	0.4	5.5	120.5	7.2	3.7	ABCN	11145
1115	6ACWC	19.2	12.5	0.0	A N	36	30	6	4	36	30	6	77	0.1	1.0	125.0	0.0	-0.2	A N	1115
11161	6ACWC	19.7	12.5	0.0	A N	44	37	8	5	44	37	8	77	0.2	0.7	125.3	0.1	-0.3	A N	11161
11173	4ACSR	12.6	12.5	0.0	A N	10	8	2	1	10	8	2	77	0.0	2.5	123.5	0.0	-0.2	A N	11173
1121	4ACSR	8.5	12.5	0.0	A N	6	5	1	3	22	18	4	78	0.2	0.3	125.7	0.0	-0.3	A N	1121
11211	4ACSR	14.1	12.5	0.0	A N	16	13	3	2	16	13	3	77	0.1	0.4	125.6	0.0	-0.3	A N	11211

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********** Load-Flow Results For Mariba Ckt 4 **********
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Mariba Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					271	193	15	81			126.0			ABCN	Feeder
1104	4ACSR	3.0	12.5	0.0	A N	21	15	3	31	271	193	44	81	1.3	1.3	124.7	2.9	1.4	A N	1104
11042	4ACSR	7.5	12.5	0.0	A N	39	28	7	25	213	152	35	81	1.4	2.7	123.3	2.4	1.0	A N	11042
11043	4ACSR	12.3	12.5	0.0	A N	30	22	5	20	172	123	29	81	1.3	3.9	122.1	1.8	0.7	A N	11043
1102	4ACSR	16.8	12.5	0.0	A N	86	62	14	13	107	77	18	81	0.5	4.4	121.6	0.4	-0.0	A N	1102
11021	4ACSR	22.2	12.5	0.0	A N	21	15	4	2	21	15	3	82	0.1	4.5	121.5	0.0	-0.3	A N	11021
1103	4ACSR	16.5	12.5	0.0	A N	33	24	6	4	33	24	6	81	0.1	4.0	122.0	0.0	-0.2	A N	1103
11041	4ACSR	6.7	12.5	0.0	A N	33	24	5	4	33	24	5	81	0.1	1.4	124.6	0.0	-0.2	A N	11041

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********** Load-Flow Results For Mt. Sterling Ckt 1 **********
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Mt. Sterling Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1136	424	53	94			126.0			ABCN	Feeder
46300	4/0ACSR	0.9	12.5	0.0	ABCN	10	5	1	16	1136	424	53	94	0.1	0.1	125.9	0.9	1.0	ABCN	46300
463	4/0ACSR	7.7	12.5	0.0	ABCN	132	69	7	10	763	231	35	96	0.5	0.7	125.3	2.5	1.9	ABCN	463
4631	4/0ACSR	8.0	12.5	0.0	ABCN	2	-162	7	8	613	153	28	97	0.0	0.7	125.3	0.1	0.0	ABCN	4631
Capacitor (Wye-Gnd Connected) at Center of Section 4631																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
4635	4/0ACSR	8.8	12.5	0.0	ABCN	61	32	3	9	608	314	30	89	0.1	0.7	125.3	0.2	0.1	ABCN	4635
4638	4/0ACSR	10.8	12.5	0.0	ABCN	81	42	4	6	426	219	21	89	0.1	0.9	125.1	0.3	-0.0	ABCN	4638
4640	1/0EPR	11.4	12.5	0.0	A N	66	34	10	5	66	34	10	89	0.1	1.2	124.8	0.0	-0.0	A N	4640
4642	4/0ACSR	11.3	12.5	0.0	ABCN	28	14	1	4	280	143	14	89	0.0	0.9	125.1	0.0	-0.1	ABCN	4642
4641	1/0EPR	12.6	12.5	0.0	A N	89	46	13	7	89	46	13	89	0.2	1.4	124.6	0.1	0.0	A N	4641
4643	4/0ACSR	11.7	12.5	0.0	ABCN	37	19	2	2	163	82	8	89	0.0	0.9	125.1	0.0	-0.1	ABCN	4643
4644	1/0ACSR	12.3	12.5	0.0	ABCN	83	42	4	3	126	62	6	90	0.0	0.9	125.1	0.0	-0.1	ABCN	4644
4645	1/0ACSR	14.1	12.5	0.0	ABCN	0	0	0	1	43	21	2	90	0.0	0.9	125.1	0.0	-0.3	ABCN	4645
461	1/0ACSR	18.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.9	125.1	0.0	-0.8	ABCN	461
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 461																				
ABCN : Tap = 0 NEUTRAL																				
Regulator		18.3	12.5	0.0	ABCN					0	0	0	0	-0.3	0.6	125.3	0.0	0.0	ABCN	Regulator
462	4ACSR	19.2	12.5	0.0	A N	43	22	6	5	43	22	6	89	0.2	1.4	124.6	0.1	-0.2	A N	462
4637	4ACSR	13.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.2	124.8	0.0	-0.1	A N	4637
4639	1/0EPR	10.0	12.5	0.0	A N	120	62	18	9	120	63	18	89	0.2	1.2	124.8	0.2	0.1	A N	4639
4633	4ACSR	9.2	12.5	0.0	A N	3	2	0	0	3	1	0	89	0.0	0.9	125.1	0.0	-0.1	A N	4633
4632	4ACSR	8.8	12.5	0.0	A N	15	8	2	2	15	8	2	89	0.0	0.9	125.1	0.0	-0.1	A N	4632
46430	4ACSR	2.2	12.5	0.0	A N	25	13	4	3	25	13	4	89	0.0	0.2	125.8	0.0	-0.1	A N	46430
464	4ACSR	2.2	12.5	0.0	A N	3	2	0	36	337	173	50	89	0.6	0.8	125.2	1.6	0.8	A N	464
46431	4ACSR	10.3	12.5	0.0	A N	72	37	11	35	332	171	50	89	3.6	4.3	121.7	8.6	4.1	A N	46431
46432	4ACSR	18.4	12.5	0.0	A N	57	30	9	28	251	129	39	89	2.8	7.1	118.9	5.2	2.3	A N	46432
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 46432																				
A N : Tap = 9 RAISE																				
Regulator		18.4	12.5	0.0	A N				30	189	97	30	89	-6.7	0.5	125.5	-0.0	-0.0	A N	Regulator
465	4ACSR	25.2	12.5	0.0	A N	31	16	5	3	31	16	5	89	0.2	0.6	125.4	0.0	-0.3	A N	465
466	4ACSR	22.5	12.5	0.0	A N	11	6	2	17	158	81	24	89	0.9	1.4	124.6	1.1	0.4	A N	466
4661	4ACSR	28.4	12.5	0.0	A N	5	3	1	1	5	2	1	91	0.0	1.4	124.6	0.0	-0.3	A N	4661
4662	4ACSR	28.1	12.5	0.0	A N	109	57	16	15	141	73	21	89	0.7	2.1	123.9	0.7	0.1	A N	4662
4663	4ACSR	32.5	12.5	0.0	A N	4	2	1	0	4	2	1	91	0.0	2.1	123.9	0.0	-0.2	A N	4663
4664	4ACSR	32.8	12.5	0.0	A N	28	15	4	3	28	14	4	89	0.1	2.2	123.8	0.0	-0.2	A N	4664

********** Load Flow Results For Mt. Sterling Ckt 2 **********

Mt. Sterling Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Ldg Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1858	618	43	95			126.0			ABCN	Feeder
477	336ACSR	1.3	24.9	0.0	ABCN	12	6	0	8	1858	618	43	95	0.0	0.0	126.0	0.4	-0.2	ABCN	477
4770	4/0ACSR	5.3	24.9	0.0	ABCN	28	15	1	12	1818	598	42	95	0.2	0.3	125.7	2.4	-0.2	ABCN	4770
503	4/0ACSR	11.4	24.9	0.0	ABCN	56	31	1	12	1730	555	40	95	0.3	0.6	125.4	3.2	-0.8	ABCN	503
5031	4/0ACSR	16.8	24.9	0.0	ABCN	44	-303	7	11	1671	525	39	95	0.3	0.8	125.2	2.9	-0.7	ABCN	5031
Capacitor (Wye-Gnd Connected) at Center of Section 5031																				
ABCN : Nominal = 300 kvar Actual = 327 kvar																				
512	1/0ACSR	17.8	24.9	0.0	ABCN	35	19	1	15	1398	718	35	89	0.1	0.9	125.1	0.8	-0.2	ABCN	512
5122	1/0ACSR	19.7	24.9	0.0	ABCN	3	2	0	7	686	358	17	89	0.1	1.0	125.0	0.3	-1.1	ABCN	5122
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 5121																				
A N : Tap = 1 RAISE																				
Regulator			19.7	24.9	0.0	A N				51	682	357	51	89	-0.8	0.3	125.5	0.0	0.0	A N	Regulator
5121	4ACSR	22.3	24.9	0.0	A N	103	56	8	37	682	357	51	89	0.6	0.9	125.1	3.2	1.1	A N	5121
511	4ACSR	27.7	24.9	0.0	A N	109	59	8	30	561	293	42	89	1.0	1.9	124.1	4.2	1.1	A N	511
5100	6ACWC	30.4	24.9	0.0	A N	130	71	10	9	168	88	13	89	0.1	2.0	124.0	0.1	-0.5	A N	5100
510	6ACWC	31.9	24.9	0.0	A N	0	0	0	2	37	18	3	90	0.0	2.0	124.0	0.0	-0.3	A N	510
507	6ACWC	37.2	24.9	0.0	A N	13	7	1	1	13	6	1	91	0.0	2.0	124.0	0.0	-1.0	A N	507
517	6ACWC	37.4	24.9	0.0	A N	24	13	2	1	24	12	2	90	0.0	2.0	124.0	0.0	-1.1	A N	517
520	6ACWC	33.0	24.9	0.0	A N	119	64	9	15	280	144	21	89	0.4	2.3	123.7	0.8	-0.6	A N	520
5200	6ACWC	37.2	24.9	0.0	A N	43	23	3	2	43	22	3	89	0.0	2.4	123.6	0.0	-0.8	A N	5200
5201	6ACWC	39.5	24.9	0.0	A N	118	59	9	6	118	58	9	90	0.1	2.5	123.5	0.1	-1.2	A N	5201
5123	4ACSR	28.3	24.9	0.0	A N	14	8	1	1	14	7	1	91	0.0	0.9	125.1	0.0	-1.2	A N	5123
5216	336ACSR	18.5	24.9	0.0	A N	0	0	0	10	676	341	51	89	0.0	1.0	125.0	0.1	0.2	A N	5216
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5216																				
A N : Tap = 1 RAISE																				
Regulator			18.5	24.9	0.0	A N				51	676	341	51	89	-0.8	0.2	125.6	0.0	0.0	A N	Regulator
5120	4ACSR	23.2	24.9	0.0	A N	82	44	6	4	82	44	6	88	0.1	0.3	125.7	0.0	-0.9	A N	5120
521	336ACSR	23.4	24.9	0.0	A N	121	50	9	8	594	297	44	89	0.3	0.5	125.5	0.7	0.4	A N	521
5211	6ACWC	24.6	24.9	0.0	A N	13	7	1	22	414	215	31	89	0.2	0.7	125.3	0.5	0.1	A N	5211
5213	6ACWC	26.6	24.9	0.0	A N	34	18	3	20	380	198	29	89	0.3	0.9	125.1	0.7	0.0	A N	5213
5215	6ACWC	30.4	24.9	0.0	A N	113	62	9	15	284	146	21	89	0.3	1.2	124.8	0.6	-0.4	A N	5215
543	4ACSR	33.8	24.9	0.0	A N	29	11	2	1	29	11	2	94	0.0	1.3	124.7	0.0	-0.7	A N	543
5433	4ACSR	31.1	24.9	0.0	A N	0	0	0	8	141	74	11	88	0.0	1.3	124.7	0.0	-0.1	A N	5433
5430	4ACSR	34.9	24.9	0.0	A N	42	23	3	2	42	22	3	89	0.0	1.3	124.7	0.0	-0.7	A N	5430
5431	4ACSR	37.6	24.9	0.0	A N	99	54	8	5	99	52	7	88	0.1	1.4	124.6	0.1	-1.2	A N	5431
5432	4ACSR	37.7	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.4	124.6	0.0	-0.0	A N	5432
5214	4ACSR	28.9	24.9	0.0	A N	62	34	5	3	62	33	5	88	0.0	1.0	125.0	0.0	-0.5	A N	5214
5212	6ACWC	26.5	24.9	0.0	A N	20	11	2	1	20	11	2	89	0.0	0.7	125.3	0.0	-0.4	A N	5212
5210	6ACWC	26.1	24.9	0.0	A N	59	32	4	3	59	31	4	88	0.0	0.5	125.5	0.0	-0.5	A N	5210
513	1/0ACSR	21.6	24.9	0.0	ABCN	44	24	1	2	226	111	6	90	0.1	0.9	125.1	0.1	-3.6	ABCN	513
523	1/0ACSR	27.6	24.9	0.0	ABCN	100	54	3	1	100	50	2	90	0.0	0.9	125.1	0.0	-4.5	ABCN	523
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 523																				
ABCN : Tap = 1 RAISE																				
Regulator			27.6	24.9	0.0	ABCN				0	0	0	0	0	-0.8	0.1	125.7	0.0	0.0	ABCN	Regulator
514	4ACSR	27.0	24.9	0.0	A N	37	20	3	4	82	41	6	89	0.1	1.1	124.9	0.1	-1.0	A N	514
515	4ACSR	32.3	24.9	0.0	A N	25	14	2	1	25	13	2	89	0.0	1.1	124.9	0.0	-1.1	A N	515
516	4ACSR	33.7	24.9	0.0	A N	20	11	2	1	20	9	1	90	0.0	1.1	124.9	0.0	-1.3	A N	516
500	4ACSR	10.0	24.9	0.0	A N	0	0	0	3	58	28	4	90	0.1	0.4	125.6	0.0	-0.9	A N	500
5002	4ACSR	15.5	24.9	0.0	A N	14	8	1	1	14	7	1	91	0.0	0.4	125.6	0.0	-1.1	A N	5002
5001	4ACSR	16.2	24.9	0.0	A N	43	23	3	2	43	22	3	89	0.1	0.4	125.6	0.0	-1.3	A N	5001
478	4ACSR	5.6	24.9	0.0	A N	27	15	2	1	27	14	2	89	0.0	0.1	125.9	0.0	-0.9	A N	478

********** Load-Flow Results For Mt. Sterling Ckt 3 **********

Mt. Sterling Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1495	107	66	100			126.0			ABCN	Feeder
476	336ACSR	1.3	12.5	0.0	ABCN	48	24	2	12	1495	107	66	100	0.1	0.1	125.9	1.0	1.7	ABCN	476
47600	1/0ACSR	6.1	12.5	0.0	ABCN	89	45	4	28	1446	81	64	100	1.1	1.2	124.8	11.8	8.0	ABCN	47600
47601	1/0ACSR	9.6	12.5	0.0	ABCN	18	9	1	26	1345	28	60	100	0.7	1.9	124.1	7.7	5.2	ABCN	47601
501	1/0ACSR	14.2	12.5	0.0	ABCN	3	1	0	25	1295	2	58	100	0.9	2.9	123.1	9.9	6.6	ABCN	501
504	1/0ACSR	19.6	12.5	0.0	ABCN	22	11	1	20	1009	-141	46	-99	0.8	3.6	122.4	7.1	4.4	ABCN	504
50400	1/0ACSR	24.5	12.5	0.0	ABCN	52	-595	27	20	979	-157	45	-99	0.8	4.4	121.6	6.6	4.1	ABCN	50400
Capacitor (Wye-Gnd Connected) at Center of Section 50400																				
	ABCN : Nominal = 600 kvar Actual = 621 kvar																			
506	1/0ACSR	26.4	12.5	0.0	ABCN	16	8	1	17	759	353	38	91	0.3	4.8	121.2	1.7	1.0	ABCN	506
50600	1/0ACSR	27.7	12.5	0.0	ABCN	16	8	1	16	741	344	37	91	0.2	5.0	121.0	1.2	0.6	ABCN	50600
540	1/0ACSR	31.0	12.5	0.0	ABCN	15	7	1	16	724	336	37	91	0.5	5.5	120.5	2.8	1.5	ABCN	540
54000	4ACSR	34.3	12.5	0.0	A N	105	53	16	12	106	53	16	89	0.3	6.1	119.9	0.2	-0.0	A N	54000
54001	1/0ACSR	36.5	12.5	0.0	ABCN	146	73	8	13	600	274	30	91	0.6	6.1	119.9	2.8	1.3	ABCN	54001
537	1/0ACSR	41.0	12.5	0.0	ABCN	161	54	8	10	451	199	23	92	0.4	6.5	119.5	1.3	0.3	ABCN	537
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 307																				
	A N : Tap = 10 RAISE																			
H Regulator		41.0	12.5	0.0	A N				15	95	47	15	90	-7.4	-0.1	126.1	0.0	0.0	A N	Regulator
307	4ACSR	45.8	12.5	0.0	A N	31	16	5	10	95	47	14	90	0.6	0.5	125.5	0.4	-0.1	A N	307
30700	4ACSR	50.3	12.5	0.0	A N	25	13	4	7	63	31	9	90	0.3	0.8	125.2	0.1	-0.2	A N	30700
277	6ACWC	56.0	12.5	0.0	A N	38	19	6	4	38	19	6	90	0.2	0.9	125.1	0.0	-0.3	A N	277
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 31400																				
	A N : Tap = 10 RAISE																			
H Regulator		41.0	12.5	0.0	A N				30	192	95	30	90	-7.4	-0.1	126.1	0.0	0.0	A N	Regulator
31400	4ACSR	44.2	12.5	0.0	A N	40	20	6	20	192	95	28	90	0.8	0.7	125.3	1.1	0.4	A N	31400
314	4ACSR	46.7	12.5	0.0	A N	53	27	8	10	95	47	14	90	0.3	1.0	125.0	0.2	-0.0	A N	314
3141	4ACSR	47.1	12.5	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	1.0	125.0	-0.0	-0.0	A N	3141
330	4ACSR	55.0	12.5	0.0	A N	42	21	6	4	42	20	6	90	0.3	1.2	124.8	0.1	-0.4	A N	330
31401	4ACSR	48.9	12.5	0.0	A N	56	28	8	6	56	28	8	90	0.2	0.9	125.1	0.1	-0.2	A N	31401
505	4ACSR	27.4	12.5	0.0	A N	41	20	6	18	162	80	25	90	0.6	5.4	120.6	0.8	0.3	A N	505
246	4ACSR	33.1	12.5	0.0	A N	100	50	15	13	120	60	19	90	0.6	6.0	120.0	0.5	0.0	A N	246
24600	4ACSR	38.5	12.5	0.0	A N	20	10	3	2	20	10	3	90	0.1	6.1	119.9	0.0	-0.2	A N	24600
2451	4ACSR	19.8	12.5	0.0	A N	35	17	5	30	273	135	41	90	2.2	5.2	120.8	4.5	2.1	A N	2451
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2451																				
	A N : Tap = 7 RAISE																			
H Regulator		19.8	12.5	0.0	A N				36	234	115	36	90	-5.3	-0.1	126.1	0.0	0.0	A N	Regulator
24500	4ACSR	27.4	12.5	0.0	A N	67	34	10	25	234	115	34	90	2.2	2.2	123.8	3.6	1.5	A N	24500
244	4ACSR	34.1	12.5	0.0	A N	42	21	6	17	163	80	24	90	1.4	3.6	122.4	1.6	0.5	A N	244
255	4ACSR	41.3	12.5	0.0	A N	51	26	8	8	77	38	12	90	0.6	4.1	121.9	0.3	-0.2	A N	255
256	4ACSR	46.1	12.5	0.0	A N	17	9	3	3	26	12	4	90	0.1	4.3	121.7	0.0	-0.2	A N	256
25600	4ACSR	51.6	12.5	0.0	A N	8	4	1	1	8	4	1	91	0.0	4.3	121.7	0.0	-0.3	A N	25600
243	4ACSR	40.7	12.5	0.0	A N	42	21	6	5	42	21	6	90	0.2	3.8	122.2	0.1	-0.3	A N	243
502	4ACSR	17.1	12.5	0.0	A N	24	12	4	3	24	12	4	90	0.1	2.2	123.8	0.0	-0.4	A N	502

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********** Load-Flow Results For Reid Village Ckt 1 **********
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Reid Village Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses		
Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1695	522	78	96			126.0			ABCN	Feeder
46043		336ACSR	0.2	12.5	0.0	ABCN	0	0	0	15	1695	522	78	96	0.0	0.0	126.0	0.2	0.4	ABCN	46043
46042		4ACSR	0.3	12.5	0.0	ABCN	-0	0	0	56	1695	522	78	96	0.1	0.1	125.9	1.1	0.3	ABCN	46042
227		4ACSR	3.0	12.5	0.0	ABCN	7	3	0	47	1425	386	65	97	1.5	1.6	124.4	16.2	4.9	ABCN	227
2272		4ACSR	6.8	12.5	0.0	ABCN	64	33	3	39	1205	275	55	97	1.7	3.3	122.7	16.0	4.7	ABCN	2272
2273		4ACSR	9.1	12.5	0.0	ABCN	129	67	7	37	1124	236	52	98	1.0	4.3	121.7	8.4	2.4	ABCN	2273
Regulator	1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2273																				
	ABCN : Tap = 5 RAISE																				
Regulator				9.1	12.5	0.0	ABCN				46	987	167	46	99	-3.8	0.5	125.5	0.0	-0.0	ABCN	Regulator
226		4ACSR	11.6	12.5	0.0	ABCN	4	-324	14	30	939	144	42	99	0.9	1.4	124.6	7.0	1.9	ABCN	226
Capacitor	(Wye-Gnd Connected) at Center of Section 226																				
	ABCN : Nominal = 300 kvar Actual = 326 kvar																				
2261		4ACSR	13.1	12.5	0.0	ABCN	18	9	1	30	841	420	42	89	0.6	1.9	124.1	4.0	1.0	ABCN	2261
225		4ACSR	13.9	12.5	0.0	AB N	23	12	2	34	637	315	48	90	0.3	2.3	123.7	1.8	0.7	AB N	225
2252		4ACSR	17.8	12.5	0.0	AB N	35	18	3	30	564	278	42	90	1.5	3.8	122.2	6.7	2.5	AB N	2252
2253		4ACSR	21.5	12.5	0.0	AB N	52	27	4	28	522	257	40	90	1.3	5.1	120.9	5.4	2.0	AB N	2253
222		4ACSR	24.5	12.5	0.0	AB N	53	18	4	17	306	146	23	90	0.6	5.7	120.3	1.4	0.3	AB N	222
2221		4ACSR	31.9	12.5	0.0	A N	136	71	22	15	137	71	22	89	0.8	7.4	118.6	0.9	0.1	A N	2221
2222		4ACSR	27.5	12.5	0.0	AB N	-0	0	0	6	113	57	9	89	0.2	5.9	120.1	0.2	-0.2	AB N	2222
230		4ACSR	32.7	12.5	0.0	AB N	39	20	3	6	113	57	9	89	0.3	6.2	119.8	0.3	-0.4	AB N	230
2301		4ACSR	37.2	12.5	0.0	AB N	72	38	6	4	73	37	6	89	0.1	6.3	119.7	0.2	-0.4	AB N	2301
223		4ACSR	26.5	12.5	0.0	A N	82	43	13	18	157	82	25	89	0.9	6.8	119.2	1.0	0.3	A N	223
2231		2ACSR	33.3	12.5	0.0	A N	74	39	12	6	74	39	12	89	0.3	7.1	118.9	0.2	-0.2	A N	2231
2251		4ACSR	22.1	12.5	0.0	A N	48	25	7	5	48	25	7	89	0.3	3.0	123.0	0.1	-0.3	A N	2251
224		4ACSR	18.2	12.5	0.0	A N	110	57	17	20	181	94	28	89	1.0	3.2	122.8	1.2	0.4	A N	224
2241		4ACSR	25.2	12.5	0.0	A N	70	37	11	8	71	37	11	89	0.4	3.6	122.4	0.2	-0.2	A N	2241
2262		4ACSR	16.2	12.5	0.0	A N	87	46	13	9	88	46	13	89	0.3	2.0	124.0	0.2	-0.1	A N	2262
212		4ACSR	14.1	12.5	0.0	ABCN	32	17	2	2	48	23	2	90	0.1	0.5	125.5	0.0	-0.9	ABCN	212
2121		4ACSR	20.7	12.5	0.0	ABCN	16	8	1	1	16	7	1	91	0.0	0.6	125.4	0.0	-1.2	ABCN	2121
2271		4ACSR	8.4	12.5	0.0	A N	196	102	30	21	197	103	30	89	0.8	2.4	123.6	1.3	0.4	A N	2271
455		4ACSR	4.8	12.5	0.0	A N	63	28	9	29	269	135	40	89	1.6	1.7	124.3	3.0	1.4	A N	455
4551		4ACSR	8.7	12.5	0.0	A N	4	2	1	22	203	106	31	89	1.2	2.9	123.1	1.9	0.8	A N	4551
4553		4ACSR	11.1	12.5	0.0	A N	3	2	0	0	3	1	0	90	0.0	2.9	123.1	0.0	-0.1	A N	4553
4552		4ACSR	15.0	12.5	0.0	A N	193	101	30	21	194	101	30	89	0.9	3.8	122.2	1.5	0.5	A N	4552

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********** Load-Flow Results For Reid Village Ckt 2 **********
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Reid Village Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1313	341	60	97			126.0			ABCN	Feeder
46044	336ACSR	0.2	12.5	0.0	ABCN	-0	0	0	11	1313	341	60	97	0.0	0.0	126.0	0.2	0.3	ABCN	46044
46045	336ACSR	0.4	12.5	0.0	ABCN	-0	0	0	11	1312	340	60	97	0.0	0.0	126.0	0.1	0.2	ABCN	46045
4604	4ACSR	2.1	12.5	0.0	ABCN	116	62	6	43	1312	340	60	97	0.8	0.9	125.1	8.1	2.4	ABCN	4604
4601	4ACSR	2.8	12.5	0.0	ABCN	26	14	1	35	1088	223	49	98	0.3	1.2	124.8	2.5	0.7	ABCN	4601
460	4ACSR	3.5	12.5	0.0	ABCN	80	21	4	20	629	-20	28	-100	0.1	1.3	124.7	0.7	0.1	ABCN	460
4615	1/0ACSR	3.6	12.5	0.0	ABCN	3	2	0	6	230	-203	14	-75	0.0	1.3	124.7	0.0	-0.0	ABCN	4615
46146	1/0ACSR	5.6	12.5	0.0	ABCN	0	-324	14	6	214	-211	13	-71	0.1	1.4	124.6	0.2	-0.2	ABCN	46146
Capacitor (Wye-Gnd Connected) at Center of Section 46146																				
	ABCN :	Nominal =	300 kvar			Actual =	324 kvar													
4614	1/0ACSR	7.5	12.5	0.0	ABCN	33	18	2	3	143	75	7	88	0.1	1.4	124.6	0.1	-0.3	ABCN	4614
46142	336ACSR	8.2	12.5	0.0	ABCN	-0	0	0	1	110	58	6	88	0.0	1.4	124.6	0.0	-0.1	ABCN	46142
4612	1/0EPR	10.9	12.5	0.0	A N	73	39	11	7	94	50	14	88	0.6	2.2	123.8	0.3	0.2	A N	4612
4613	1/0EPR	12.1	12.5	0.0	A N	21	11	3	2	21	11	3	88	0.0	2.2	123.8	0.0	-0.1	A N	4613
46141	336ACSR	8.5	12.5	0.0	ABCN	15	8	1	0	15	8	1	88	0.0	1.4	124.6	0.0	-0.1	ABCN	46141
46143	1/0ACSR	7.3	12.5	0.0	ABCN	8	4	0	2	71	37	4	89	0.0	1.4	124.6	0.0	-0.3	ABCN	46143
46144	1/0EPR	7.4	12.5	0.0	ABCN	0	-0	0	2	63	34	3	88	0.0	1.4	124.6	0.0	-0.0	ABCN	46144
46145	1/0ACSR	8.1	12.5	0.0	ABCN	63	34	3	1	63	34	3	88	0.0	1.4	124.6	0.0	-0.1	ABCN	46145
4616	1/0EPR	5.3	12.5	0.0	A N	13	7	2	1	13	7	2	89	0.0	1.5	124.5	0.0	-0.1	A N	4616
457	4ACSR	6.1	12.5	0.0	ABCN	46	24	2	11	318	163	16	89	0.3	1.6	124.4	0.8	-0.2	ABCN	457
4571	4ACSR	7.4	12.5	0.0	ABCN	6	3	0	8	219	111	11	89	0.1	1.7	124.3	0.2	-0.2	ABCN	4571
4579	4ACSR	7.6	12.5	0.0	ABCN	8	5	0	4	121	64	6	88	0.0	1.8	124.2	0.0	-0.0	ABCN	4579
45792	1/0EPR	10.0	12.5	0.0	A N	7	4	1	1	7	4	1	89	0.0	2.0	124.0	0.0	-0.1	A N	45792
45793	4ACSR	7.9	12.5	0.0	ABCN	0	-0	0	4	105	56	5	88	0.0	1.8	124.2	0.0	-0.0	ABCN	45793
4575	4ACSR	8.1	12.5	0.0	A N	0	0	0	11	99	53	15	88	0.0	2.0	124.0	0.0	0.0	A N	4575
4574	4ACSR	9.9	12.5	0.0	A N	40	21	6	4	40	21	6	88	0.1	2.1	123.9	0.0	-0.1	A N	4574
4576	4ACSR	8.7	12.5	0.0	A N	0	0	0	6	59	31	9	88	0.0	2.1	123.9	0.0	-0.0	A N	4576
4577	1/0EPR	10.6	12.5	0.0	A N	26	14	4	2	26	14	4	88	0.1	2.1	123.9	0.0	-0.1	A N	4577
4578	1/0EPR	10.6	12.5	0.0	A N	33	18	5	3	33	18	5	88	0.1	2.2	123.8	0.0	-0.1	A N	4578
45791	1/0EPR	10.9	12.5	0.0	A N	6	3	1	0	6	3	1	89	0.0	2.0	124.0	0.0	-0.2	A N	45791
4573	4ACSR	9.5	12.5	0.0	A N	91	44	14	10	91	44	14	90	0.1	2.1	123.9	0.1	-0.0	A N	4573
4572	4ACSR	9.0	12.5	0.0	A N	53	28	8	6	53	28	8	88	0.1	1.9	124.1	0.1	-0.1	A N	4572
4602	4ACSR	4.4	12.5	0.0	ABCN	119	64	6	16	431	228	22	88	0.2	1.4	124.6	0.9	0.1	ABCN	4602
4608	4ACSR	6.6	12.5	0.0	ABCN	-0	-0	0	11	311	165	16	88	0.3	1.7	124.3	0.8	-0.1	ABCN	4608
4605	4ACSR	8.4	12.5	0.0	A N	94	50	14	10	94	50	14	88	0.1	2.0	124.0	0.1	-0.0	A N	4605
4606	4ACSR	7.9	12.5	0.0	A N	106	57	16	23	215	114	33	88	0.3	2.2	123.8	0.4	0.2	A N	4606
4607	4ACSR	10.9	12.5	0.0	A N	108	58	17	12	108	58	17	88	0.3	2.5	123.5	0.2	-0.0	A N	4607
4603	4ACSR	4.0	12.5	0.0	A N	99	53	15	11	99	53	15	88	0.1	1.1	124.9	0.1	-0.0	A N	4603

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********** Load-Flow Results For Rockwell Ckt 1 **********
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Rockwell Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1015	41	45	100			126.0			ABCN	Feeder
13131D	336ACSR	0.0	12.5	0.0	ABCN	0	-0	0	8	1015	41	45	100	0.0	0.0	126.0	0.0	0.0	ABCN	13131D
13131	1/0ACSR	0.4	12.5	0.0	ABCN	0	-0	0	19	1015	41	45	100	0.1	0.1	125.9	0.5	0.3	ABCN	13131
1309	1/0ACSR	0.5	12.5	0.0	ABCN	10	28	1	7	134	366	17	34	0.0	0.1	125.9	0.0	-0.0	ABCN	1309
1308	1/0ACSR	2.6	12.5	0.0	A N	124	337	48	21	124	338	48	34	0.3	0.3	125.7	0.6	0.5	A N	1308
1329	1/0ACSR	3.2	12.5	0.0	ABCN	291	-329	19	18	880	-325	41	-94	0.3	0.3	125.7	2.6	1.5	ABCN	1329
Capacitor (Wye-Gnd Connected) at Center of Section 1329																				
	ABCN : Nominal = 300 kvar Actual = 330 kvar																			
1330	1/0EPR	3.7	12.5	0.0	ABCN	584	0	26	13	586	2	26	100	0.1	0.4	125.6	1.5	1.5	ABCN	1330

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********** Load-Flow Results For Rockwell Ckt 2 **********
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Rockwell Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1346	-949	73	-82			126.0			ABCN	Feeder
H	13142D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	14	1346	-949	73	-82	-0.0	-0.0	126.0	0.0	0.0	ABCN	13142D
	13142	1/0ACSR	0.8	12.5	0.0	ABCN	7	0	0	32	1346	-949	73	-82	0.1	0.1	125.9	2.8	2.0	ABCN	13142
	131421	1/0ACSR	1.1	12.5	0.0	ABCN	0	-661	29	31	1300	-951	71	-81	0.0	0.1	125.9	0.6	0.4	ABCN	131421
	Capacitor (Wye-Gnd Connected) at Center of Section 131421																				
	ABCN : Nominal = 600 kvar Actual = 661 kvar																				
	13261	1/0ACSR	1.6	12.5	0.0	ABCN	25	-565	25	26	1300	-291	59	-98	0.1	0.2	125.8	1.2	0.8	ABCN	13261
	Capacitor (Wye-Gnd Connected) at Center of Section 13261																				
	ABCN : Nominal = 600 kvar Actual = 660 kvar																				
	13241	1/0ACSR	1.9	12.5	0.0	ABCN	15	57	3	8	294	267	18	74	0.0	0.2	125.8	0.1	-0.0	ABCN	13241
	13231	1/0ACSR	2.0	12.5	0.0	ABCN	224	-0	10	7	279	210	15	80	0.0	0.2	125.8	0.0	-0.0	ABCN	13231
	13222	1/0EPR	3.1	12.5	0.0	A N	38	147	20	10	38	147	20	25	0.2	0.5	125.5	0.2	0.2	A N	13222
	13232	4ACSR	2.5	12.5	0.0	A N	16	63	9	6	16	63	9	25	0.0	0.3	125.7	0.0	-0.0	A N	13232
	13251	1/0ACSR	2.9	12.5	0.0	ABCN	977	4	43	19	980	7	43	100	0.1	0.3	125.7	2.9	2.7	ABCN	13251
	13281	1/0ACSR	1.3	12.5	0.0	ABCN	36	-0	2	1	36	-0	2	-100	0.0	0.1	125.9	0.0	-0.1	ABCN	13281

********** Load-Flow Results For Rockwell Ckt 3 **********

Rockwell Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					797	1617	79	44			126.0			ABCN	Feeder
13143D	336ACSR	0.0	12.5	0.0	ABCN	-0	0	0	15	797	1617	79	44	0.0	0.0	126.0	0.0	0.0	ABCN	13143D
13143	1/0ACSR	0.3	12.5	0.0	ABCN	0	0	0	35	797	1617	79	44	0.1	0.1	125.9	1.1	0.8	ABCN	13143
13141	1/0ACSR	1.4	12.5	0.0	ABCN	41	100	5	35	796	1616	79	44	0.3	0.4	125.6	4.2	2.9	ABCN	13141
13181	1/0ACSR	1.5	12.5	0.0	ABCN	-0	0	0	29	692	1367	68	45	0.0	0.5	125.5	0.5	0.4	ABCN	13181
13171	1/0ACSR	1.8	12.5	0.0	ABCN	9	-306	14	29	691	1366	68	45	0.1	0.5	125.5	0.8	0.6	ABCN	13171
Capacitor (Wye-Gnd Connected) at Center of Section 13171																				
	ABCN : Nominal = 300 kvar					Actual = 328 kvar														
13161	1/0ACSR	2.2	12.5	0.0	ABCN	22	55	3	26	513	1259	60	38	0.1	0.6	125.4	0.9	0.6	ABCN	13161
13151	1/0ACSR	2.5	12.5	0.0	ABCN	0	0	0	17	336	826	40	38	0.1	0.7	125.3	0.3	0.2	ABCN	13151
13012	1/0ACSR	2.9	12.5	0.0	ABCN	0	0	0	12	230	565	27	38	0.0	0.7	125.3	0.2	0.1	ABCN	13012
13011	1/0ACSR	3.3	12.5	0.0	ABCN	30	74	4	12	230	565	27	38	0.0	0.8	125.2	0.2	0.1	ABCN	13011
1302	1/0ACSR	4.1	12.5	0.0	AB N	88	218	16	15	199	491	35	38	0.1	0.9	125.1	0.3	0.2	AB N	1302
1303	1/0ACSR	5.5	12.5	0.0	A N	110	272	39	17	111	272	39	38	0.2	1.1	124.9	0.3	0.2	A N	1303
1305	1/0EPR	3.2	12.5	0.0	A N	66	163	24	19	106	260	37	38	0.4	1.1	124.9	0.6	0.6	A N	1305
1304	1/0EPR	3.5	12.5	0.0	A N	39	96	14	7	39	96	14	38	0.0	1.2	124.8	0.0	0.0	A N	1304
1306	1/0EPR	2.4	12.5	0.0	A N	14	36	5	27	154	377	54	38	0.3	1.0	125.0	0.7	0.8	A N	1306
1307	1/0EPR	2.8	12.5	0.0	A N	42	104	15	15	84	207	30	38	0.2	1.2	124.8	0.2	0.2	A N	1307
1310	1/0EPR	3.3	12.5	0.0	A N	42	103	15	7	42	103	15	38	0.1	1.3	124.7	0.1	0.0	A N	1310
1332	1/0EPR	2.9	12.5	0.0	A N	54	134	19	10	55	134	19	38	0.1	1.1	124.9	0.1	0.1	A N	1332
1333	1/0EPR	2.0	12.5	0.0	ABCN	-0	-0	0	10	168	413	20	38	0.1	0.6	125.4	0.3	0.2	ABCN	1333
1334	1/0EPR	2.4	12.5	0.0	ABCN	41	100	5	10	168	413	20	38	0.1	0.8	125.2	0.4	0.3	ABCN	1334
1312	1/0EPR	3.1	12.5	0.0	ABCN	126	312	15	7	127	312	15	38	0.1	0.9	125.1	0.7	0.6	ABCN	1312
1335	1/0EPR	2.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.9	125.1	0.0	-0.0	A N	1335
13191	2ACSR	2.2	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.5	125.5	0.0	-0.0	A N	13191
13201	1/0EPR	2.1	12.5	0.0	A N	59	146	21	10	59	147	21	38	0.2	0.6	125.4	0.2	0.1	A N	13201

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********** Load-Flow Results For Sand Lick Ckt 1 **********
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Sand Lick Ckt 1

							Section Load				Load Into Section			-- 120V Base --			Losses			
		Phase	Dist	Nom	%V	Phs				Ldg					Volt	Accm	Volt			Phs
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg Section
	Feeder			12.5	0.0	ABCN					0	-3	0	0			126.0			ABCN Feeder
H	1016	4ACSR	7.1	12.5	0.0	ABCN	0	0	0	0	0	-3	0	0	-0.0	-0.0	126.0	0.0	-1.3	ABCN 1016
H	10161	2ACSR	12.3	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	-0.0	126.0	0.0	-1.0	ABCN 10161
H	778	2ACSR	16.5	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.8	ABCN 778

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********** Load-Flow Results For Sand Lick Ckt 2 **********
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Sand Lick Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3	10	0	26			126.0			ABCN	Feeder
1015	2ACSR	3.6	12.5	0.0	ABCN	-0	0	0	0	3	10	0	26	0.0	0.0	126.0	0.0	-0.7	ABCN	1015
10151	2ACSR	9.2	12.5	0.0	ABCN	0	0	0	0	3	11	1	25	0.0	0.0	126.0	0.0	-1.0	ABCN	10151
783	2ACSR	12.5	12.5	0.0	ABCN	3	13	1	0	3	12	1	23	0.0	0.0	126.0	0.0	-0.6	ABCN	783

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********** Load-Flow Results For Sideview Ckt 1 **********
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Sideview Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1199	475	28	93			126.0			ABCN	Feeder
162	1/0ACSR	7.7	24.9	0.0	ABCN	40	18	1	12	1199	475	28	93	0.5	0.5	125.5	3.9	-3.0	ABCN	162
157	1/0ACSR	11.2	24.9	0.0	ABCN	16	7	0	11	1037	413	25	93	0.2	0.6	125.4	1.4	-1.7	ABCN	157
160	1/0ACSR	15.5	24.9	0.0	ABCN	17	8	0	10	940	373	22	93	0.2	0.9	125.1	1.3	-2.2	ABCN	160
133	1/0ACSR	20.4	24.9	0.0	ABCN	32	14	1	8	806	320	19	93	0.2	1.1	124.9	1.1	-2.9	ABCN	133
1331	1/0ACSR	25.3	24.9	0.0	ABCN	52	24	1	8	773	308	19	93	0.2	1.2	124.8	1.0	-2.9	ABCN	1331
145	4ACSR	30.4	24.9	0.0	A N	23	10	2	20	397	153	28	93	0.7	2.0	124.0	2.1	0.1	A N	145
1451	4ACSR	33.3	24.9	0.0	A N	10	5	1	19	372	143	27	93	0.4	2.4	123.6	1.1	-0.0	A N	1451
144	4ACSR	39.6	24.9	0.0	A N	14	7	1	19	361	138	26	93	0.8	3.2	122.8	2.2	-0.1	A N	144
142	4ACSR	46.3	24.9	0.0	A N	8	4	1	16	312	118	23	93	0.7	3.9	122.1	1.8	-0.4	A N	142
Regulator	1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 142																			
	A N : Tap = 5			RAISE																
Regulator			24.9	0.0	A N				22	302	115	22	93	-3.8	0.1	125.7	0.0	0.0	A N	Regulator
1412	4ACSR	50.7	24.9	0.0	A N	10	5	1	1	10	4	1	94	0.0	0.1	125.9	0.0	-0.9	A N	1412
141	4ACSR	51.8	24.9	0.0	A N	51	23	4	15	292	111	21	93	0.5	0.6	125.4	1.1	-0.6	A N	141
1411	4ACSR	56.8	24.9	0.0	A N	28	13	2	12	240	89	17	94	0.4	1.0	125.0	0.7	-0.6	A N	1411
137	4ACSR	58.9	24.9	0.0	A N	18	8	1	9	182	65	13	94	0.1	1.2	124.8	0.2	-0.3	A N	137
1378	4ACSR	67.7	24.9	0.0	A N	43	20	3	2	44	18	3	92	0.1	1.2	124.8	0.0	-1.8	A N	1378
1379	4ACSR	66.3	24.9	0.0	A N	10	5	1	6	121	39	8	95	0.3	1.5	124.5	0.3	-1.3	A N	1379
1371	4ACSR	71.2	24.9	0.0	A N	20	1	1	1	20	-0	1	-100	0.0	1.5	124.5	0.0	-1.0	A N	1371
1372	4ACSR	71.2	24.9	0.0	A N	9	4	1	5	91	36	7	93	0.2	1.6	124.4	0.1	-0.9	A N	1372
1373	4ACSR	75.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-25	-0.0	1.6	124.4	0.0	-0.9	A N	1373
1374	4ACSR	76.1	24.9	0.0	A N	16	8	1	4	82	34	6	92	0.1	1.8	124.2	0.1	-1.0	A N	1374
1375	4ACSR	79.2	24.9	0.0	A N	27	12	2	3	65	27	5	92	0.1	1.8	124.2	0.0	-0.6	A N	1375
1376	4ACSR	83.9	24.9	0.0	A N	10	4	1	0	10	3	1	94	0.0	1.8	124.2	0.0	-0.9	A N	1376
1377	4ACSR	83.3	24.9	0.0	A N	29	13	2	2	29	12	2	92	0.0	1.8	124.2	0.0	-0.8	A N	1377
140	4ACSR	65.0	24.9	0.0	A N	29	13	2	2	29	12	2	93	0.0	1.1	124.9	0.0	-1.6	A N	140
143	6ACWC	47.8	24.9	0.0	A N	32	15	2	2	32	13	2	93	0.0	3.2	122.8	0.0	-1.6	A N	143
146	4ACSR	28.7	24.9	0.0	A N	15	7	1	17	323	134	23	92	0.4	1.7	124.3	0.9	-0.2	A N	146
147	4ACSR	32.4	24.9	0.0	A N	6	3	0	13	242	104	18	92	0.3	2.0	124.0	0.6	-0.4	A N	147
1471	4ACSR	38.1	24.9	0.0	A N	31	14	2	2	31	13	2	92	0.0	2.0	124.0	0.0	-1.1	A N	1471
1472	4ACSR	35.5	24.9	0.0	A N	29	13	2	11	205	89	15	92	0.2	2.2	123.8	0.3	-0.4	A N	1472
1501	4ACSR	37.0	24.9	0.0	A N	0	0	0	2	40	17	3	92	0.0	2.3	123.7	0.0	-0.3	A N	1501
150	4ACSR	42.1	24.9	0.0	A N	40	18	3	2	40	17	3	92	0.0	2.3	123.7	0.0	-1.0	A N	150
151	4ACSR	42.8	24.9	0.0	A N	93	42	7	7	135	59	10	92	0.2	2.5	123.5	0.2	-1.3	A N	151
1511	4ACSR	48.6	24.9	0.0	A N	42	19	3	2	42	18	3	92	0.0	2.5	123.5	0.0	-1.1	A N	1511
148	4ACSR	35.2	24.9	0.0	A N	3	1	0	3	65	23	5	94	0.1	1.8	124.2	0.1	-1.3	A N	148
1481	4ACSR	40.8	24.9	0.0	A N	20	9	1	3	62	23	4	94	0.1	1.9	124.1	0.0	-1.1	A N	1481
4222	4ACSR	41.1	24.9	0.0	A N	0	0	0	2	42	15	3	94	0.0	1.9	124.1	0.0	-0.1	A N	4222
422	4ACSR	45.2	24.9	0.0	A N	13	6	1	1	24	9	2	93	0.0	2.0	124.0	0.0	-0.8	A N	422
4221	4ACSR	49.2	24.9	0.0	A N	11	5	1	1	11	4	1	93	0.0	2.0	124.0	0.0	-0.8	A N	4221
417	4ACSR	47.1	24.9	0.0	A N	3	1	0	1	18	6	1	95	0.0	2.0	124.0	0.0	-1.2	A N	417
4171	4ACSR	52.9	24.9	0.0	A N	15	7	1	1	15	6	1	93	0.0	2.0	124.0	0.0	-1.1	A N	4171
152	4ACSR	18.4	24.9	0.0	A N	16	7	1	6	115	48	8	92	0.1	1.0	125.0	0.1	-0.5	A N	152
1521	4ACSR	22.3	24.9	0.0	A N	17	8	1	4	68	29	5	92	0.1	1.1	124.9	0.0	-0.8	A N	1521
1522	4ACSR	27.6	24.9	0.0	A N	51	23	4	3	51	22	4	92	0.0	1.1	124.9	0.0	-1.0	A N	1522
1523	4ACSR	23.6	24.9	0.0	A N	27	13	2	2	31	12	2	93	0.0	1.0	125.0	0.0	-1.0	A N	1523
1524	4ACSR	29.3	24.9	0.0	A N	3	1	0	0	3	0	0	100	0.0	1.0	125.0	0.0	-1.1	A N	1524
171	4ACSR	16.2	24.9	0.0	A N	43	20	3	4	80	34	6	92	0.1	0.8	125.2	0.1	-1.0	A N	171
1711	4ACSR	21.5	24.9	0.0	A N	36	17	3	2	36	16	3	92	0.0	0.8	125.2	0.0	-1.1	A N	1711
156	4ACSR	10.5	24.9	0.0	A N	58	26	4	6	118	46	8	93	0.1	0.6	125.4	0.1	-0.5	A N	156
1561	4ACSR	14.9	24.9	0.0	A N	9	4	1	3	60	20	4	95	0.1	0.7	125.3	0.0	-0.9	A N	1561
154	4ACSR	22.2	24.9	0.0	A N	16	7	1	1	23	7	2	96	0.0	0.7	125.3	0.0	-1.5	A N	154
1541	4ACSR	26.3	24.9	0.0	A N	5	2	0	0	5	2	0	96	0.0	0.7	125.3	0.0	-0.8	A N	1541
1542	4ACSR	27.7	24.9	0.0	A N	2	1	0	0	2	-0	0	-98	0.0	0.7	125.3	0.0	-1.1	A N	1542
155	4ACSR	20.2	24.9	0.0	A N	15	7	1	1	28	10	2	94	0.0	0.7	125.3	0.0	-1.1	A N	155
1551	4ACSR	23.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-22	-0.0	0.7	125.3	0.0	-0.7	A N	1551
1552	4ACSR	23.8	24.9	0.0	A N	12	6	1	1	12	5	1	93	0.0	0.7	125.3	0.0	-0.7	A N	1552

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********** Load-Flow Results For Sideview Ckt 2 **********
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Sideview Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					869	346	41	93			126.0			ABCN	Feeder
168	4/0ACSR	3.0	12.5	0.0	ABCN	11	0	0	12	869	346	41	93	0.3	0.3	125.7	1.7	1.6	ABCN	168
170	4/0ACSR	6.9	12.5	0.0	ABCN	61	25	3	12	857	344	41	93	0.4	0.7	125.3	2.1	1.9	ABCN	170
1701	4/0ACSR	13.7	12.5	0.0	ABCN	46	19	2	11	794	317	38	93	0.7	1.4	124.6	3.1	2.7	ABCN	1701
169	4/0ACSR	15.2	12.5	0.0	ABCN	8	3	0	7	480	189	23	93	0.1	1.5	124.5	0.3	0.0	ABCN	169
161	1/0ACSR	20.5	12.5	0.0	ABCN	50	20	2	10	471	186	23	93	0.5	2.0	124.0	1.6	0.2	ABCN	161
1611	1/0ACSR	26.5	12.5	0.0	ABCN	17	7	1	9	420	165	20	93	0.5	2.5	123.5	1.5	0.0	ABCN	1611
1612	1/0ACSR	31.6	12.5	0.0	ABCN	9	4	0	8	401	158	19	93	0.4	2.9	123.1	1.2	-0.0	ABCN	1612
432	4ACSR	37.9	12.5	0.0	A N	18	7	3	4	35	14	5	93	0.2	3.4	122.6	0.1	-0.3	A N	432
4321	4ACSR	43.2	12.5	0.0	A N	17	7	3	2	17	7	2	93	0.1	3.4	122.6	0.0	-0.3	A N	4321
423	1/0ACSR	35.9	12.5	0.0	ABCN	18	7	1	8	356	141	17	93	0.3	3.2	122.8	0.8	-0.2	ABCN	423
424	1/0ACSR	40.3	12.5	0.0	ABCN	41	17	2	7	337	134	16	93	0.3	3.5	122.5	0.7	-0.3	ABCN	424
4241	1/0ACSR	45.6	12.5	0.0	ABCN	36	15	2	6	296	117	14	93	0.3	3.8	122.2	0.6	-0.5	ABCN	4241
420	4ACSR	53.4	12.5	0.0	A N	70	28	10	7	70	28	10	93	0.4	4.6	121.4	0.2	-0.3	A N	420
425	1/0ACSR	52.0	12.5	0.0	ABCN	47	19	2	4	189	74	9	93	0.2	4.0	122.0	0.3	-0.9	ABCN	425
426	1/0ACSR	58.8	12.5	0.0	ABCN	71	29	4	2	72	28	4	93	0.1	4.1	121.9	0.1	-1.1	ABCN	426
421	2ACSR	59.1	12.5	0.0	A N	68	28	10	6	70	28	10	93	0.3	4.8	121.2	0.1	-0.2	A N	421
4211	4ACSR	66.6	12.5	0.0	A N	2	1	0	0	2	0	0	98	0.0	4.8	121.2	0.0	-0.4	A N	4211
172	4ACSR	16.2	12.5	0.0	A N	91	37	13	27	264	106	38	93	0.8	2.3	123.7	1.4	0.6	A N	172
1721	4ACSR	18.6	12.5	0.0	A N	0	0	0	18	172	69	25	93	0.6	2.9	123.1	0.8	0.3	A N	1721
173	4ACSR	23.8	12.5	0.0	A N	20	8	3	12	119	47	17	93	0.8	3.7	122.3	0.7	0.1	A N	173
1731	4ACSR	27.7	12.5	0.0	A N	56	23	8	6	56	23	8	93	0.2	3.9	122.1	0.1	-0.2	A N	1731
1732	4ACSR	27.7	12.5	0.0	A N	40	16	6	4	42	16	6	93	0.1	3.8	122.2	0.0	-0.2	A N	1732
1733	4ACSR	38.1	12.5	0.0	A N	2	1	0	0	2	0	0	99	0.0	3.9	122.1	0.0	-0.5	A N	1733
177	4ACSR	23.2	12.5	0.0	A N	33	14	5	5	53	21	8	93	0.2	3.1	122.9	0.1	-0.2	A N	177
1771	4ACSR	27.7	12.5	0.0	A N	19	8	3	2	19	8	3	93	0.1	3.2	122.8	0.0	-0.2	A N	1771

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1069	84	47	100			126.0			ABCN	Feeder
167	4/0ACSR	2.7	12.5	0.0	ABCN	23	9	1	14	1069	84	47	100	0.3	0.3	125.7	2.0	2.1	ABCN	167
176	6ACWC	8.6	12.5	0.0	ABCN	89	36	4	33	1044	72	46	100	2.0	2.3	123.7	16.1	4.6	ABCN	176
202	6ACWC	11.3	12.5	0.0	ABCN	35	14	2	25	784	-26	35	-100	0.7	3.0	123.0	4.5	1.1	ABCN	202
2021	4ACSR	16.1	12.5	0.0	A N	43	18	6	5	43	17	6	93	0.1	3.5	122.5	0.1	-0.2	A N	2021
2022	6ACWC	15.6	12.5	0.0	ABCN	39	16	2	23	702	-59	32	-100	1.0	4.0	122.0	5.7	1.3	ABCN	2022
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2022																				
	ABCN : Tap = 5 RAISE																			
Regulator		15.6	12.5	0.0	ABCN				30	657	-76	30	-99	-3.8	0.2	125.8	-0.0	0.0	ABCN	Regulator
2023	6ACWC	21.5	12.5	0.0	ABCN	39	-310	14	21	657	-76	29	-99	1.3	1.5	124.5	6.9	1.4	ABCN	2023
Capacitor (Wye-Gnd Connected) at Center of Section 2023																				
	ABCN : Nominal = 300 kvar Actual = 327 kvar																			
203	6ACWC	23.9	12.5	0.0	ABCN	44	18	2	9	276	97	13	94	0.2	1.7	124.3	0.5	-0.2	ABCN	203
204	4ACSR	28.7	12.5	0.0	A N	48	20	7	23	231	79	33	95	1.4	3.7	122.3	2.2	0.9	A N	204
2041	4ACSR	32.0	12.5	0.0	A N	54	22	8	18	181	58	26	95	0.7	4.4	121.6	0.9	0.3	A N	2041
453	4ACSR	34.4	12.5	0.0	A N	125	36	18	13	125	36	18	96	0.2	4.6	121.4	0.2	-0.0	A N	453
211	6ACWC	26.0	12.5	0.0	ABCN	53	22	3	11	334	136	16	93	0.5	2.0	124.0	1.4	-0.3	ABCN	211
2111	6ACWC	29.9	12.5	0.0	ABCN	78	32	4	10	279	114	14	93	0.4	2.4	123.6	0.8	-0.3	ABCN	2111
208	4ACSR	34.5	12.5	0.0	A N	33	14	5	21	199	81	29	93	1.2	4.4	121.6	1.8	0.7	A N	208
2081	4ACSR	38.9	12.5	0.0	A N	163	67	24	17	164	67	24	93	0.5	5.0	121.0	0.7	0.2	A N	2081
201	4ACSR	14.2	12.5	0.0	A N	60	25	9	16	154	57	22	94	1.0	3.6	122.4	1.0	0.3	A N	201
2011	4ACSR	17.6	12.5	0.0	A N	3	1	0	10	93	32	13	95	0.4	4.0	122.0	0.3	0.0	A N	2011
2012	4ACSR	20.7	12.5	0.0	A N	43	13	6	4	43	13	6	96	0.1	4.1	121.9	0.0	-0.1	A N	2012
2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	5	47	18	7	93	0.2	4.2	121.8	0.1	-0.1	A N	2013
207	4ACSR	28.3	12.5	0.0	A N	28	11	4	5	47	18	7	93	0.4	4.6	121.4	0.1	-0.3	A N	207
210	4ACSR	35.4	12.5	0.0	A N	19	8	3	2	19	7	3	93	0.1	4.7	121.3	0.0	-0.3	A N	210

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********** Load-Flow Results For Sideview Ckt 4 **********
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Sideview Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1010	244	46	97			126.0			ABCN	Feeder
	166	4/0ACSR	5.6	12.5	0.0	ABCN	8	3	0	13	1010	244	46	97	0.6	0.6	125.4	4.0	4.0	ABCN	166
	1661	4/0ACSR	10.2	12.5	0.0	ABCN	25	10	1	13	998	237	45	97	0.5	1.1	124.9	3.1	3.1	ABCN	1661
	165	4/0ACSR	15.3	12.5	0.0	ABCN	20	8	1	10	718	122	32	99	0.4	1.5	124.5	1.7	1.2	ABCN	165
	1651	4/0ACSR	19.0	12.5	0.0	ABCN	3	-160	7	9	697	113	31	99	0.3	1.8	124.2	1.3	1.0	ABCN	1651
	Capacitor (Wye-Gnd Connected) at Center of Section 1651																				
	ABCN : Nominal = 150 kvar Actual = 161 kvar																				
	164	1/0ACSR	23.0	12.5	0.0	ABCN	5	2	0	5	233	91	11	93	0.2	1.9	124.1	0.3	-0.5	ABCN	164
	158	4ACSR	29.3	12.5	0.0	A N	11	5	2	1	11	4	2	93	0.1	2.1	123.9	0.0	-0.3	A N	158
	163	1/0ACSR	29.9	12.5	0.0	ABCN	31	13	2	5	216	85	10	93	0.3	2.2	123.8	0.4	-1.0	ABCN	163
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 163																				
	ABCN : Tap = 3 RAISE																				
H	Regulator		29.9	12.5	0.0	ABCN				9	184	73	9	93	-2.3	-0.1	126.1	0.0	0.0	ABCN	Regulator
H	1631	1/0ACSR	31.2	12.5	0.0	ABCN	3	1	0	4	184	73	9	93	0.0	-0.0	126.0	0.1	-0.2	ABCN	1631
H	24	6ACWC	34.7	12.5	0.0	ABCN	2	1	0	0	2	0	0	100	0.0	-0.0	126.0	0.0	-0.6	ABCN	24
	5	4ACSR	39.0	12.5	0.0	A N	53	22	8	18	179	72	26	93	1.7	1.8	124.2	2.0	0.7	A N	5
	4	4ACSR	41.1	12.5	0.0	A N	30	12	4	10	96	38	14	93	0.2	2.0	124.0	0.2	-0.0	A N	4
	2	4ACSR	45.8	12.5	0.0	A N	16	7	2	5	44	18	6	93	0.2	2.3	123.7	0.1	-0.2	A N	2
	2112	4ACSR	51.5	12.5	0.0	A N	28	11	4	3	28	11	4	93	0.1	2.4	123.6	0.0	-0.3	A N	2112
	6	4ACSR	45.8	12.5	0.0	A N	21	9	3	2	21	8	3	93	0.1	2.1	123.9	0.0	-0.2	A N	6
	3	2ACSR	43.6	12.5	0.0	A N	11	5	2	2	29	11	4	93	0.1	1.9	124.1	0.0	-0.2	A N	3
	3111	2ACSR	48.3	12.5	0.0	A N	13	5	2	1	17	7	2	93	0.1	1.9	124.1	0.0	-0.2	A N	3111
	3112	4ACSR	52.8	12.5	0.0	A N	4	2	1	0	4	1	1	94	0.0	1.9	124.1	0.0	-0.2	A N	3112
	174	4ACSR	25.0	12.5	0.0	ABCN	27	11	1	16	459	181	22	93	1.1	2.9	123.1	4.1	0.3	ABCN	174
	1741	4ACSR	31.0	12.5	0.0	ABCN	45	18	2	15	429	170	21	93	1.0	3.9	122.1	3.4	0.1	ABCN	1741
	17411	336ACSR	33.6	12.5	0.0	ABCN	43	18	2	3	304	121	15	93	0.1	3.9	122.1	0.1	-0.3	ABCN	17411
	1743	4ACSR	37.0	12.5	0.0	ABCN	10	4	1	9	261	104	13	93	0.4	4.3	121.7	0.8	-0.3	ABCN	1743
	213	4ACSR	39.1	12.5	0.0	ABCN	21	9	1	9	247	99	12	93	0.2	4.5	121.5	0.4	-0.2	ABCN	213
	2131	4ACSR	39.9	12.5	0.0	ABCN	1	0	0	8	216	87	11	93	0.1	4.6	121.4	0.1	-0.1	ABCN	2131
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 215																				
	A N : Tap = 6 RAISE																				
	Regulator		39.9	12.5	0.0	A N				32	215	87	32	93	-4.5	0.4	125.6	0.0	0.0	A N	Regulator
	215	4ACSR	45.1	12.5	0.0	A N	19	8	3	22	215	87	31	93	1.5	1.9	124.1	2.4	1.0	A N	215
	217	4ACSR	52.0	12.5	0.0	A N	13	5	2	17	161	65	23	93	1.6	3.4	122.6	1.9	0.6	A N	217
	2171	4ACSR	57.8	12.5	0.0	A N	20	8	3	15	147	59	22	93	1.2	4.6	121.4	1.2	0.4	A N	2171
	220	4ACSR	63.7	12.5	0.0	A N	84	34	13	9	84	34	13	93	0.4	4.9	121.1	0.2	-0.2	A N	220
	221	4ACSR	62.2	12.5	0.0	A N	33	13	5	4	41	16	6	93	0.2	4.7	121.3	0.0	-0.2	A N	221
	2211	4ACSR	66.3	12.5	0.0	A N	8	3	1	1	8	3	1	93	0.0	4.8	121.2	0.0	-0.2	A N	2211
	216	4ACSR	48.0	12.5	0.0	A N	32	13	5	3	32	13	5	93	0.1	1.9	124.1	0.0	-0.1	A N	216
	214	4ACSR	44.5	12.5	0.0	A N	9	4	1	1	9	3	1	94	0.0	4.9	121.1	0.0	-0.3	A N	214
	218	4ACSR	42.4	12.5	0.0	A N	3	1	0	0	3	1	0	95	0.0	4.6	121.4	0.0	-0.3	A N	218
	1742	4ACSR	38.2	12.5	0.0	ABCN	76	31	4	3	76	30	4	93	0.1	4.0	122.0	0.2	-1.1	ABCN	1742
	175	4ACSR	15.7	12.5	0.0	A N	39	16	6	26	251	102	36	93	1.8	3.0	123.0	3.3	1.5	A N	175
	200	4ACSR	22.3	12.5	0.0	A N	33	14	5	22	210	84	31	93	1.9	4.8	121.2	2.8	1.2	A N	200
	2001	4ACSR	29.3	12.5	0.0	A N	78	32	12	8	78	32	12	93	0.4	5.2	120.8	0.3	-0.2	A N	2001
	2002	4ACSR	23.3	12.5	0.0	A N	4	2	1	10	95	38	14	93	0.1	5.0	121.0	0.1	0.0	A N	2002
	206	4ACSR	27.1	12.5	0.0	A N	19	8	3	2	22	9	3	93	0.1	5.0	121.0	0.0	-0.2	A N	206
	2061	4ACSR	32.9	12.5	0.0	A N	4	1	1	0	4	1	1	95	0.0	5.0	121.0	0.0	-0.3	A N	2061
	2162	4ACSR	27.8	12.5	0.0	A N	14	6	2	7	69	28	10	93	0.4	5.4	120.6	0.2	-0.1	A N	2162
	2161	4ACSR	31.3	12.5	0.0	A N	54	22	8	6	54	22	8	93	0.1	5.5	120.5	0.1	-0.1	A N	2161

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********** Load-Flow Results For Stanton Ckt 1 **********
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Stanton Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2506	851	117	95			126.0			ABCN	Feeder
620	336ACSR	0.4	12.5	0.0	ABCN	4	3	0	22	2506	851	117	95	0.1	0.1	125.9	1.0	2.0	ABCN	620
62098	336ACSR	1.2	12.5	0.0	ABCN	10	8	1	21	2439	796	113	95	0.1	0.2	125.8	1.7	3.5	ABCN	62098
62096	336ACSR	1.7	12.5	0.0	ABCN	0	0	0	21	2415	774	112	95	0.1	0.3	125.7	1.2	2.3	ABCN	62096
62094	336ACSR	2.6	12.5	0.0	ABCN	26	21	1	21	2355	725	109	96	0.1	0.4	125.6	1.8	3.5	ABCN	62094
62092	336ACSR	3.1	12.5	0.0	ABCN	12	-319	14	20	2248	636	103	96	0.1	0.5	125.5	0.9	1.8	ABCN	62092
Capacitor (Wye-Gnd Connected) at Center of Section 62092																				
ABCN : Nominal = 300 kvar Actual = 328 kvar																				
622	336ACSR	3.5	12.5	0.0	ABCN	11	9	1	14	1615	605	76	94	0.1	0.6	125.4	0.4	0.8	ABCN	622
6220	4ACSR	3.9	12.5	0.0	ABCN	76	-131	7	17	536	38	24	100	0.1	0.7	125.3	0.3	0.0	ABCN	6220
Capacitor (Wye-Gnd Connected) at Center of Section 6220																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
6221	4ACSR	4.4	12.5	0.0	ABCN	254	15	11	8	254	15	11	100	0.0	0.7	125.3	0.2	-0.0	ABCN	6221
623	397ACSR	4.2	12.5	0.0	ABCN	6	5	0	2	205	154	11	80	0.0	0.7	125.3	0.0	-0.1	ABCN	623
6223	2ACSR	4.7	12.5	0.0	A N	23	19	4	2	23	19	4	78	0.0	0.7	125.3	0.0	-0.0	A N	6223
6231	397ACSR	4.8	12.5	0.0	ABCN	0	-0	0	2	177	131	10	80	0.0	0.7	125.3	0.0	-0.1	ABCN	6231
6215	4ACSR	5.2	12.5	0.0	A N	20	16	3	2	20	16	3	78	0.0	0.7	125.3	0.0	-0.0	A N	6215
6232	397ACSR	5.7	12.5	0.0	ABCN	64	40	3	1	157	115	9	81	0.0	0.7	125.3	0.0	-0.2	ABCN	6232
6218	4ACSR	6.2	12.5	0.0	A N	80	65	14	10	80	65	14	78	0.0	0.8	125.2	0.0	-0.0	A N	6218
62321	336ACSR	5.9	12.5	0.0	ABCN	12	10	1	0	12	10	1	78	0.0	0.7	125.3	0.0	-0.0	ABCN	62321
625	336ACSR	4.3	12.5	0.0	ABCN	28	23	2	10	1067	557	53	89	0.1	0.6	125.4	0.4	0.6	ABCN	625
6252	336ACSR	4.6	12.5	0.0	ABCN	25	20	1	3	306	149	15	90	0.0	0.7	125.3	0.0	-0.0	ABCN	6252
6250	4ACSR	6.5	12.5	0.0	A N	98	79	17	12	98	79	17	78	0.2	0.8	125.2	0.1	-0.0	A N	6250
6253	336ACSR	5.1	12.5	0.0	ABCN	52	42	3	1	62	50	4	78	0.0	0.7	125.3	0.0	-0.1	ABCN	6253
6254	4ACSR	5.6	12.5	0.0	A N	10	8	2	1	10	8	2	78	0.0	0.7	125.3	0.0	-0.0	A N	6254
6255	336ACSR	5.5	12.5	0.0	ABCN	122	0	5	1	122	-0	5	-100	0.0	0.7	125.3	0.0	-0.2	ABCN	6255
6251	4ACSR	5.6	12.5	0.0	A N	94	69	16	11	94	69	16	81	0.1	0.8	125.2	0.1	-0.0	A N	6251
6256	336ACSR	4.6	12.5	0.0	ABCN	74	19	3	6	638	316	32	90	0.0	0.7	125.3	0.1	0.0	ABCN	6256
62561	336ACSR	5.0	12.5	0.0	ABCN	50	24	2	3	355	127	17	94	0.0	0.7	125.3	0.0	-0.0	ABCN	62561
6257	4ACSR	5.8	12.5	0.0	A N	56	34	9	6	56	34	9	86	0.0	0.7	125.3	0.0	-0.0	A N	6257
6258	336ACSR	5.4	12.5	0.0	ABCN	13	3	1	2	248	69	11	96	0.0	0.7	125.3	0.0	-0.1	ABCN	6258
62513	336ACSR	5.9	12.5	0.0	ABCN	207	44	9	2	207	44	9	98	0.0	0.7	125.3	0.0	-0.1	ABCN	62513
62510	6ACWC	5.7	12.5	0.0	A N	27	22	5	3	27	22	5	78	0.0	0.7	125.3	0.0	-0.0	A N	62510
6259	2ACSR	5.6	12.5	0.0	A N	86	70	15	20	209	170	36	78	0.2	0.9	125.1	0.3	0.2	A N	6259
62511	4ACSR	6.6	12.5	0.0	A N	10	8	2	15	123	100	21	78	0.2	1.1	124.9	0.2	0.1	A N	62511
62512	4ACSR	7.7	12.5	0.0	A N	113	91	19	14	113	91	19	78	0.1	1.2	124.8	0.1	0.0	A N	62512
6222	336ACSR	3.4	12.5	0.0	ABCN	58	47	3	6	621	348	32	87	0.0	0.5	125.5	0.1	0.0	ABCN	6222
621	336ACSR	3.8	12.5	0.0	ABCN	27	22	2	5	535	278	27	89	0.0	0.6	125.4	0.0	0.0	ABCN	621
6210	4ACSR	4.2	12.5	0.0	A N	24	20	4	3	24	20	4	78	0.0	0.6	125.4	0.0	-0.0	A N	6210
6213	336ACSR	4.1	12.5	0.0	ABCN	100	32	5	3	322	151	16	90	0.0	0.6	125.4	0.0	-0.0	ABCN	6213
6212	4ACSR	4.9	12.5	0.0	A N	107	87	18	13	107	87	18	78	0.1	0.7	125.3	0.1	-0.0	A N	6212
6214	336ACSR	4.7	12.5	0.0	ABCN	106	27	5	1	115	32	5	96	0.0	0.6	125.4	0.0	-0.1	ABCN	6214
6216	4ACSR	5.1	12.5	0.0	A N	9	5	1	1	9	5	1	86	0.0	0.6	125.4	0.0	-0.0	A N	6216
6217	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.0	ABCN	6217
62171	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.0	ABCN	62171
6211	4ACSR	5.1	12.5	0.0	A N	161	85	24	17	162	85	24	88	0.2	0.7	125.3	0.2	0.0	A N	6211
6219	2ACSR	3.8	12.5	0.0	A N	28	23	5	3	28	23	5	78	0.0	0.6	125.4	0.0	-0.0	A N	6219
62093	4ACSR	3.4	12.5	0.0	A N	80	65	14	10	80	65	14	78	0.1	0.5	125.5	0.0	-0.0	A N	62093
62095	4ACSR	2.9	12.5	0.0	A N	58	47	10	7	58	47	10	78	0.1	0.4	125.6	0.0	-0.0	A N	62095
62097	4ACSR	1.9	12.5	0.0	A N	12	10	2	1	12	10	2	78	0.0	0.2	125.8	0.0	-0.0	A N	62097
62099	4ACSR	2.5	12.5	0.0	A N	62	50	11	8	62	50	11	78	0.1	0.2	125.8	0.1	-0.1	A N	62099

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********** Load-Flow Results For Stanton Ckt 2 **********
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Stanton Ckt 2

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					2656	1020	125	93			126.0			ABCN	Feeder
609	336ACSR	0.4	12.5	0.0	ABCN	1	0	0	24	2656	1020	125	93	0.1	0.1	125.9	1.2	2.3	ABCN	609
6090	336ACSR	2.6	12.5	0.0	ABCN	-0	-0	0	24	2654	1017	125	93	0.4	0.5	125.5	5.9	11.9	ABCN	6090
60900	336ACSR	3.0	12.5	0.0	ABCN	-0	0	0	24	2648	1005	125	93	0.1	0.6	125.4	1.2	2.5	ABCN	60900
6091	336ACSR	3.4	12.5	0.0	ABCN	-0	-0	0	24	2647	1003	125	94	0.1	0.7	125.3	1.1	2.3	ABCN	6091
60921	336ACSR	3.6	12.5	0.0	ABCN	-0	0	0	24	2646	1000	125	94	0.0	0.7	125.3	0.4	0.9	ABCN	60921
6092	336ACSR	3.9	12.5	0.0	ABCN	3	3	0	24	2645	999	125	94	0.1	0.8	125.2	0.7	1.5	ABCN	6092
624	336ACSR	6.1	12.5	0.0	ABCN	130	-120	8	24	2641	995	125	94	0.5	1.3	124.7	6.0	12.1	ABCN	624
Capacitor (Wye-Gnd Connected) at Center of Section 624																					
	ABCN : Nominal = 150 kvar						Actual = 163 kvar														
648	4/0ACSR	6.6	12.5	0.0	ABCN	104	49	5	14	1044	166	47	99	0.0	1.3	124.7	0.3	0.3	ABCN	648
6480	4ACSR	8.0	12.5	0.0	ABCN	186	32	8	6	186	32	8	99	0.0	1.3	124.7	0.2	-0.1	ABCN	6480
6483	1/0ACSR	6.9	12.5	0.0	ABCN	3	2	0	15	753	84	34	99	0.0	1.3	124.7	0.2	0.1	ABCN	6483
6481	1/0ACSR	7.8	12.5	0.0	ABCN	292	26	13	14	718	57	32	100	0.1	1.4	124.6	0.5	0.3	ABCN	6481
649	1/0ACSR	8.1	12.5	0.0	ABCN	126	6	6	8	425	30	19	100	0.0	1.4	124.6	0.1	-0.0	ABCN	649
6493	1/0ACSR	8.4	12.5	0.0	ABCN	0	0	0	6	299	25	13	100	0.0	1.5	124.5	0.0	-0.0	ABCN	6493
6490	1/0ACSR	8.7	12.5	0.0	ABCN	125	9	6	4	231	15	10	100	0.0	1.5	124.5	0.0	-0.0	ABCN	6490
6491	1/0ACSR	9.4	12.5	0.0	ABCN	105	6	5	2	105	6	5	100	0.0	1.5	124.5	0.0	-0.1	ABCN	6491
6492	1/0ACSR	9.2	12.5	0.0	ABCN	68	9	3	1	68	9	3	99	0.0	1.5	124.5	0.0	-0.2	ABCN	6492
6482	4ACSR	7.6	12.5	0.0	A N	32	25	5	4	32	25	5	79	0.0	1.4	124.6	0.0	-0.0	A N	6482
627	1/0CU	6.7	12.5	0.0	ABCN	0	0	0	25	1462	937	77	84	0.1	1.4	124.6	1.2	1.3	ABCN	627
6270	1/0CU	7.2	12.5	0.0	ABCN	10	8	1	24	1409	895	74	84	0.1	1.5	124.5	0.9	1.0	ABCN	6270
6271	1/0CU	7.6	12.5	0.0	ABCN	13	10	1	21	1228	819	66	83	0.1	1.5	124.5	0.6	0.6	ABCN	6271
6278	1/0CU	9.0	12.5	0.0	ABCN	76	60	4	18	1035	673	55	84	0.2	1.8	124.2	1.4	1.5	ABCN	6278
6279	1/0CU	9.7	12.5	0.0	ABCN	9	7	1	3	177	35	8	98	0.0	1.8	124.2	0.0	-0.1	ABCN	6279
6280	4ACSR	10.9	12.5	0.0	A N	27	21	5	3	27	21	5	79	0.0	1.9	124.1	0.0	-0.1	A N	6280
6281	1/0CU	10.3	12.5	0.0	ABCN	140	6	6	2	140	6	6	100	0.0	1.8	124.2	0.0	-0.1	ABCN	6281
6282	1/0CU	9.8	12.5	0.0	ABCN	4	3	0	14	780	576	43	80	0.1	1.9	124.1	0.5	0.5	ABCN	6282
747	1/0CU	10.5	12.5	0.0	ABCN	7	6	0	13	705	517	39	81	0.1	1.9	124.1	0.3	0.3	ABCN	747
7472	1/0CU	11.3	12.5	0.0	ABCN	0	0	0	10	565	425	32	80	0.1	2.0	124.0	0.3	0.2	ABCN	7472
7473	1/0CU	12.3	12.5	0.0	ABCN	69	46	4	1	69	45	4	84	0.0	2.0	124.0	0.0	-0.2	ABCN	7473
7475	1/0CU	11.7	12.5	0.0	ABCN	-0	0	0	9	496	379	28	79	0.0	2.1	123.9	0.1	0.1	ABCN	7475
7474	1/0EPR	12.1	12.5	0.0	A N	141	111	24	12	141	111	24	79	0.1	2.3	123.7	0.1	0.1	A N	7474
7476	1/0CU	16.0	12.5	0.0	ABCN	31	24	2	6	354	268	20	80	0.2	2.3	123.7	0.5	-0.1	ABCN	7476
750	4ACSR	18.9	12.5	0.0	ABCN	48	30	3	2	48	30	3	85	0.0	2.3	123.7	0.0	-0.5	ABCN	750
757	6ACWC	20.0	12.5	0.0	A N	182	143	31	33	274	214	47	79	1.2	3.6	122.4	2.4	1.2	A N	757
7571	2ACSR	21.9	12.5	0.0	A N	60	47	10	6	60	47	10	79	0.1	3.7	122.3	0.0	-0.1	A N	7571
7572	4ACSR	32.0	12.5	0.0	A N	29	23	5	4	29	22	5	79	0.3	3.9	122.1	0.1	-0.5	A N	7572
7470	1/0CU	11.4	12.5	0.0	ABCN	87	52	5	2	132	87	7	84	0.0	2.0	124.0	0.0	-0.1	ABCN	7470
7471	1/0CU	14.3	12.5	0.0	A N	45	35	8	2	45	35	8	79	0.0	2.1	123.9	0.0	-0.1	A N	7471
630	4ACSR	12.2	12.5	0.0	A N	11	8	2	9	70	55	12	79	0.3	2.2	123.8	0.2	-0.0	A N	630
6300	4ACSR	14.0	12.5	0.0	A N	19	15	3	2	19	15	3	79	0.0	2.2	123.8	0.0	-0.1	A N	6300
6301	4ACSR	13.2	12.5	0.0	A N	40	32	7	5	40	31	7	79	0.0	2.2	123.8	0.0	-0.0	A N	6301
6272	1/0CU	7.9	12.5	0.0	AB N	38	30	3	5	180	136	15	80	0.0	1.6	124.4	0.0	-0.0	AB N	6272
6274	1/0CU	8.3	12.5	0.0	AB N	11	3	1	4	142	106	12	80	0.0	1.6	124.4	0.0	-0.0	AB N	6274
6275	6ACWC	9.7	12.5	0.0	A N	130	102	22	16	130	102	22	79	0.1	1.8	124.2	0.2	0.0	A N	6275
6276	1/0CU	8.1	12.5	0.0	AB N	109	20	7	4	169	67	12	93	0.0	1.5	124.5	0.0	-0.1	AB N	6276
6277	6ACWC	11.7	12.5	0.0	A N	60	47	10	7	60	47	10	79	0.2	1.7	124.3	0.1	-0.1	A N	6277
6273	6ACWC	7.9	12.5	0.0	A N	52	41	9	6	52	41	9	79	0.1	1.5	124.5	0.0	-0.0	A N	6273

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********** Load-Flow Results For Stanton Ckt 3 **********
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Stanton Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2284	379	102	99			126.0			ABCN	Feeder
631	397ACSR	1.7	12.5	0.0	ABCN	250	-123	12	17	2284	379	102	99	0.2	0.2	125.8	2.4	5.6	ABCN	631
Capacitor (Wye-Gnd Connected) at Center of Section 631																				
ABCN : Nominal = 150 kvar Actual = 165 kvar																				
6312	397ACSR	4.3	12.5	0.0	ABCN	4	4	0	16	2031	496	92	97	0.3	0.5	125.5	3.3	7.4	ABCN	6312
618	1/0ACSR	5.1	12.5	0.0	ABCN	30	25	2	28	1360	574	65	92	0.2	0.7	125.3	2.2	1.5	ABCN	618
6180	4ACSR	6.6	12.5	0.0	A N	59	48	10	7	59	48	10	78	0.1	0.9	125.1	0.0	-0.1	A N	6180
6181	1/0ACSR	5.6	12.5	0.0	ABCN	54	44	3	26	1268	500	60	93	0.1	0.8	125.2	1.0	0.7	ABCN	6181
6182	1/0ACSR	6.3	12.5	0.0	ABCN	0	-0	0	25	1214	456	58	94	0.2	1.0	125.0	1.5	1.0	ABCN	6182
629	1/0ACSR	9.7	12.5	0.0	ABCN	40	32	2	19	948	242	43	97	0.6	1.6	124.4	3.9	2.3	ABCN	629
6291	1/0ACSR	11.4	12.5	0.0	ABCN	0	0	0	17	860	171	39	98	0.3	1.9	124.1	1.6	0.9	ABCN	6291
62911	1/0ACSR	11.4	12.5	0.0	ABCN	0	-321	14	17	859	170	39	98	0.0	1.9	124.1	0.1	0.0	ABCN	62911
Capacitor (Wye-Gnd Connected) at Center of Section 62911																				
ABCN : Nominal = 300 kvar Actual = 321 kvar																				
6292	1/0ACSR	12.3	12.5	0.0	ABCN	124	2	6	2	124	2	6	100	0.0	1.9	124.1	0.0	-0.1	ABCN	6292
6293	1/0ACSR	12.6	12.5	0.0	ABCN	97	22	4	17	734	490	40	83	0.2	2.1	123.9	1.1	0.6	ABCN	6293
626	4ACSR	13.5	12.5	0.0	ABCN	24	20	1	25	633	464	35	81	0.3	2.3	123.7	1.6	0.4	ABCN	626
6261	4ACSR	14.3	12.5	0.0	ABCN	22	2	1	8	207	152	12	81	0.1	2.4	123.6	0.1	-0.1	ABCN	6261
6263	4ACSR	15.5	12.5	0.0	A N	14	12	2	23	184	149	32	78	0.3	2.9	123.1	0.6	0.2	A N	6263
6264	2ACSR	17.5	12.5	0.0	A N	43	35	8	4	43	35	8	78	0.1	3.0	123.0	0.0	-0.1	A N	6264
6265	4ACSR	16.6	12.5	0.0	A N	17	14	3	16	126	102	22	78	0.2	3.1	122.9	0.3	0.1	A N	6265
6266	4ACSR	17.9	12.5	0.0	A N	14	11	2	2	14	11	2	78	0.0	3.2	122.8	0.0	-0.1	A N	6266
6267	4ACSR	19.4	12.5	0.0	A N	21	17	4	12	95	77	17	78	0.4	3.5	122.5	0.3	0.0	A N	6267
6268	2ACSR	21.0	12.5	0.0	A N	0	0	0	7	74	60	13	78	0.2	3.7	122.3	0.1	-0.0	A N	6268
6322	4ACSR	26.7	12.5	0.0	A N	74	60	13	9	74	60	13	78	0.4	4.1	121.9	0.3	-0.1	A N	6322
6262	4ACSR	14.5	12.5	0.0	ABCN	32	9	1	16	400	292	22	81	0.2	2.5	123.5	0.7	0.1	ABCN	6262
651	336ACSR	19.8	12.5	0.0	ABCN	84	68	5	4	368	283	21	79	0.2	2.7	123.3	0.4	-0.3	ABCN	651
6510	6ACWC	24.5	12.5	0.0	A N	53	31	8	34	284	215	48	80	1.9	4.9	121.1	4.5	2.5	A N	6510
643	4ACSR	29.4	12.5	0.0	A N	37	30	7	28	226	181	40	78	1.8	6.7	119.3	3.6	1.6	A N	643
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 643																				
A N : Tap = 9 RAISE																				
H Regulator			29.4	12.5	0.0	A N				33	185	149	33	78	-6.7	-0.0	126.0	0.0	0.0	A N	Regulator
6431	4ACSR	32.4	12.5	0.0	A N	31	25	5	22	185	149	31	78	0.8	0.8	125.2	1.3	0.5	A N	6431
6421	4ACSR	34.7	12.5	0.0	A N	16	13	3	2	16	13	3	78	0.0	0.8	125.2	0.0	-0.1	A N	6421
644	6ACWC	37.4	12.5	0.0	A N	67	55	12	17	137	110	23	78	0.8	1.7	124.3	0.9	0.3	A N	644
645	4ACSR	39.9	12.5	0.0	A N	10	8	2	1	10	8	2	78	0.0	1.7	124.3	0.0	-0.1	A N	645
6530	4ACSR	39.5	12.5	0.0	A N	8	6	1	7	59	48	10	78	0.2	1.8	124.2	0.1	-0.1	A N	6530
6531	4ACSR	47.5	12.5	0.0	A N	36	29	6	4	36	29	6	78	0.2	2.1	123.9	0.1	-0.4	A N	6531
653	4ACSR	43.2	12.5	0.0	A N	16	13	3	2	16	13	3	78	0.0	1.9	124.1	0.0	-0.2	A N	653
6294	1/0ACSR	12.9	12.5	0.0	ABCN	4	3	0	0	4	3	0	78	0.0	2.1	123.9	0.0	-0.1	ABCN	6294
6290	1/0ACSR	11.3	12.5	0.0	A N	44	36	8	3	44	36	8	78	0.0	1.8	124.2	0.0	-0.1	A N	6290
632	4ACSR	7.6	12.5	0.0	A N	2	2	0	32	264	212	45	78	0.6	1.7	124.3	1.4	0.7	A N	632
6321	4ACSR	11.1	12.5	0.0	A N	73	59	13	32	260	210	45	78	1.3	3.0	123.0	2.8	1.3	A N	6321
6323	4ACSR	14.4	12.5	0.0	A N	93	76	16	23	185	149	32	78	0.8	3.8	122.2	1.1	0.4	A N	6323
642	4ACSR	21.9	12.5	0.0	A N	44	36	8	6	52	42	9	78	0.4	4.2	121.8	0.2	-0.3	A N	642
6422	4ACSR	25.4	12.5	0.0	A N	8	7	1	1	8	6	1	78	0.0	4.2	121.8	0.0	-0.2	A N	6422
652	4ACSR	18.8	12.5	0.0	A N	39	32	7	5	39	31	7	78	0.1	3.9	122.1	0.1	-0.2	A N	652
616	336ACSR	9.4	12.5	0.0	ABCN	-0	0	0	6	663	-89	30	-99	0.1	0.6	125.4	0.8	0.5	ABCN	616
6161	336ACSR	11.7	12.5	0.0	ABCN	651	-99	29	6	662	-90	30	-99	0.0	0.6	125.4	0.8	1.2	ABCN	6161
Capacitor (Wye-Gnd Connected) at Center of Section 6161																				
ABCN : Nominal = 150 kvar Actual = 164 kvar																				
6162	336ACSR	13.0	12.5	0.0	ABCN	10	8	1	0	11	8	1	81	0.0	0.6	125.4	0.0	-0.3	ABCN	6162
6163	4ACSR	15.4	12.5	0.0	A N	0	0	0	0	0	0	0	99	0.0	0.8	125.2	0.0	-0.1	A N	6163
6164	336ACSR	15.8	12.5	0.0	ABCN	1	1	0	0	1	-0	0	-100	0.0	0.6	125.4	0.0	-0.6	ABCN	6164

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********** Load-Flow Results For Stanton Ckt 4 **********
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Stanton Ckt 4

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Ldg Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					5488	1902	256	94			126.0			ABCN	Feeder
619	397ACSR	0.4	12.5	0.0	ABCN	5	4	0	43	5488	1902	256	94	0.1	0.1	125.9	3.4	8.3	ABCN	619
6190	397ACSR	1.2	12.5	0.0	ABCN	328	8	14	2	328	8	14	100	0.0	0.1	125.9	0.1	-0.0	ABCN	6190
6191	397ACSR	1.5	12.5	0.0	ABCN	10	8	1	41	5151	1881	242	94	0.4	0.5	125.5	9.4	22.7	ABCN	6191
6192	4ACSR	3.4	12.5	0.0	A N	240	159	38	27	241	160	38	83	0.4	0.9	125.1	0.8	0.3	A N	6192
6193	397ACSR	2.2	12.5	0.0	ABCN	4	-324	14	39	4891	1691	229	95	0.3	0.8	125.2	5.9	14.2	ABCN	6193
Capacitor (Wye-Gnd Connected) at Center of Section 6193																					
		ABCN : Nominal = 300 kvar					Actual = 327 kvar														
612	336ACSR	3.0	12.5	0.0	ABCN	5	4	0	41	4582	1799	218	93	0.3	1.1	124.9	6.8	14.1	ABCN	612
6125	336ACSR	3.7	12.5	0.0	ABCN	32	25	2	38	4264	1547	202	94	0.2	1.3	124.7	4.5	9.4	ABCN	6125
6126	4ACSR	4.4	12.5	0.0	A N	49	38	8	6	49	38	8	79	0.0	1.3	124.7	0.0	-0.0	A N	6126
6127	336ACSR	4.0	12.5	0.0	ABCN	40	31	2	37	4178	1475	197	94	0.1	1.4	124.6	2.0	4.0	ABCN	6127
6131	336ACSR	5.8	12.5	0.0	ABCN	157	108	9	36	4012	1390	189	94	0.5	1.9	124.1	11.0	22.7	ABCN	6131
6132	336ACSR	6.7	12.5	0.0	ABCN	27	21	2	34	3844	1259	181	95	0.2	2.1	123.9	4.8	9.9	ABCN	6132
61321	336ACSR	6.7	12.5	0.0	ABCN	-0	-0	0	34	3812	1228	180	95	0.0	2.1	123.9	0.4	0.8	ABCN	61321
6133	397ACSR	6.9	12.5	0.0	ABCN	75	51	4	30	3812	1227	180	95	0.1	2.2	123.8	1.0	2.5	ABCN	6133
6134	397ACSR	7.7	12.5	0.0	ABCN	22	17	1	30	3736	1174	176	95	0.2	2.4	123.6	3.4	8.1	ABCN	6134
6136	397ACSR	8.6	12.5	0.0	ABCN	6	5	0	27	3434	937	160	96	0.2	2.6	123.4	3.3	8.0	ABCN	6136
614	397ACSR	12.6	12.5	0.0	ABCN	23	17	1	27	3424	925	160	97	0.8	3.4	122.6	14.9	35.4	ABCN	614
564	397ACSR	12.8	12.5	0.0	ABCN	17	13	1	19	2510	205	114	100	0.0	3.4	122.6	0.4	1.0	ABCN	564
5642	397ACSR	15.7	12.5	0.0	ABCN	832	26	38	17	2266	18	103	100	0.2	3.6	122.4	4.2	9.8	ABCN	5642
5643	6ACWC	17.3	12.5	0.0	ABCN	44	34	3	46	1430	-18	65	-100	0.8	4.4	121.6	9.5	3.0	ABCN	5643
5645	6ACWC	19.3	12.5	0.0	ABCN	68	-559	26	43	1316	-102	60	-100	0.9	5.3	120.7	9.9	3.1	ABCN	5645
Capacitor (Wye-Gnd Connected) at Center of Section 5645																					
		ABCN : Nominal = 600 kvar					Actual = 611 kvar														
5646	6ACWC	21.8	12.5	0.0	A N	70	54	12	32	257	197	45	79	0.9	6.7	119.3	1.9	1.0	A N	5646
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5646																					
		A N : Tap = 9 RAISE																			
H Regulator			21.8	12.5	0.0	A N				33	186	142	33	79	-6.7	-0.0	126.0	-0.0	-0.0	A N	Regulator
5648	2ACSR	23.8	12.5	0.0	A N	39	30	7	4	39	30	7	79	0.1	0.0	126.0	0.0	-0.1	A N	5648
5647	6ACWC	24.2	12.5	0.0	A N	146	112	24	17	146	112	24	79	0.3	0.2	125.8	0.3	0.1	A N	5647
5649	1/0ACSR	21.5	12.5	0.0	ABCN	220	41	10	20	980	255	47	97	0.4	5.7	120.3	2.8	1.8	ABCN	5649
56491	2ACSR	25.6	12.5	0.0	A N	117	90	21	11	117	90	21	79	0.3	6.6	119.4	0.3	0.0	A N	56491
5650	1/0ACSR	23.8	12.5	0.0	ABCN	95	73	6	13	640	120	30	98	0.2	6.0	120.0	1.2	0.5	ABCN	5650
5652	1/0ACSR	25.9	12.5	0.0	ABCN	143	28	7	11	542	46	25	100	0.2	6.1	119.9	0.7	0.2	ABCN	5652
5653	1/0ACSR	29.2	12.5	0.0	ABCN	395	14	18	8	396	15	18	100	0.1	6.3	119.7	1.3	0.8	ABCN	5653
5644	6ACWC	19.6	12.5	0.0	A N	60	46	10	7	61	46	10	79	0.1	4.9	121.1	0.1	-0.1	A N	5644
5640	4ACSR	15.5	12.5	0.0	A N	98	75	17	28	226	172	39	79	0.8	4.3	121.7	1.4	0.6	A N	5640
5641	4ACSR	19.2	12.5	0.0	A N	126	96	22	16	126	97	22	79	0.4	4.7	121.3	0.5	0.1	A N	5641
615	336ACSR	15.9	12.5	0.0	ABCN	33	25	2	5	490	372	28	80	0.2	3.6	122.4	0.4	0.2	ABCN	615
6150	4ACSR	21.1	12.5	0.0	A N	119	91	21	15	119	91	20	79	0.5	4.2	121.8	0.6	0.1	A N	6150
6151	336ACSR	18.4	12.5	0.0	ABCN	21	16	1	4	337	256	19	80	0.1	3.7	122.3	0.1	-0.2	ABCN	6151
745	4ACSR	22.7	12.5	0.0	A N	32	24	6	30	246	186	42	80	1.7	5.5	120.5	3.6	1.7	A N	745
7450	4ACSR	30.3	12.5	0.0	A N	136	104	24	17	137	105	24	80	0.9	6.4	119.6	1.2	0.3	A N	7450
7451	4ACSR	33.5	12.5	0.0	A N	73	56	13	9	73	56	13	80	0.7	6.2	119.8	0.5	-0.3	A N	7451
758	4ACSR	23.1	12.5	0.0	A N	68	52	12	8	69	53	12	80	0.3	4.1	121.9	0.2	-0.1	A N	758
7580	4ACSR	26.4	12.5	0.0	A N	1	1	0	0	1	0	0	88	0.0	4.1	121.9	0.0	-0.2	A N	7580
562	336ACSR	14.2	12.5	0.0	ABCN	15	11	1	4	387	294	22	80	0.1	3.5	122.5	0.1	-0.1	ABCN	562
5621	4ACSR	17.8	12.5	0.0	A N	38	29	7	38	314	237	54	80	1.8	5.3	120.7	4.8	2.4	A N	5621
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5621																					
		A N : Tap = 7 RAISE																			
Regulator			17.8	12.5	0.0	A N				47	270	206	47	80	-5.3	0.1	125.9	-0.0	0.0	A N	Regulator
56225	4ACSR	19.5	12.5	0.0	A N	5	4	1	32	270	206	45	80	0.8	0.8	125.2	1.8	0.9	A N	56225
5622	6ACWC	20.5	12.5	0.0	A N	65	50	11	32	264	201	44	80	0.4	1.2	124.8	0.8	0.4	A N	5622
5623	4ACSR	26.3	12.5	0.0	A N	58	44	10	24	198	150	33	80	1.6	2.8	123.2	2.5	1.0	A N	5623
5624	4ACSR	29.6	12.5	0.0	A N	93	72	16	11	94	72	16	79	0.3	3.1	122.9	0.2	-0.0	A N	5624
5625	4ACSR	28.1	12.5	0.0	A N	44	34	7	5	44	33	7	79	0.1	2.9	123.1	0.0	-0.1	A N	5625
5620	4ACSR	17.9	12.5	0.0	A N	59	45	10	7	59	45	10	79	0.2	3.8	122.2	0.1	-0.1	A N	5620
6135	4ACSR	11.9	12.5	0.0	A N	274	210	47	33	276	211	47	79	1.0	3.4	122.6	2.5	1.1	A N	6135
6128	4ACSR	5.0	12.5	0.0	ABCN	98	31	5	4	124	51	6	93	0.0	1.4	124.6	0.1	-0.2	ABCN	6128
6129	4ACSR	6.9	12.5	0.0	A N	26	20	4	3	26	20	4	79	0.0	1.5	124.5	0.0	-0.1	A N	6129

Stanton Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6120	6ACWC	3.9	12.5	0.0	ABCN	20	15	1	12	307	234	17	79	0.1	1.2	124.8	0.3	-0.0	ABCN	6120
6121	6ACWC	5.1	12.5	0.0	A N	91	69	15	11	91	69	15	79	0.1	1.3	124.7	0.1	-0.0	A N	6121
6122	6ACWC	4.8	12.5	0.0	ABCN	13	10	1	8	195	149	11	79	0.1	1.2	124.8	0.1	-0.1	ABCN	6122
61221	6ACWC	5.2	12.5	0.0	ABCN	11	8	1	5	120	92	7	79	0.0	1.3	124.7	0.0	-0.1	ABCN	61221
6123	6ACWC	7.3	12.5	0.0	A N	57	44	10	7	57	43	10	79	0.1	1.4	124.6	0.0	-0.1	A N	6123
6124	6ACWC	8.1	12.5	0.0	A N	52	40	9	6	52	40	9	79	0.1	1.4	124.6	0.1	-0.1	A N	6124
6138	6ACWC	6.1	12.5	0.0	ABCN	62	48	3	2	62	47	3	79	0.0	1.3	124.7	0.0	-0.2	ABCN	6138
6130	4ACSR	3.5	12.5	0.0	A N	285	194	46	33	286	194	46	83	0.3	1.1	124.9	0.7	0.3	A N	6130
6137	397ACSR	4.1	12.5	0.0	ABCN	12	9	1	0	13	9	1	84	0.0	0.8	125.2	0.0	-0.4	ABCN	6137
6789	336ACSR	9.3	12.5	0.0	ABCN	2	1	0	0	2	0	0	99	0.0	0.8	125.2	0.0	-1.1	ABCN	6789

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********** Load-Flow Results For Three Forks Ckt 1 **********

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Three Forks Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1249	503	30	93			126.0			ABCN	Feeder
111	1/0ACSR	7.8	24.9	0.0	ABCN	31	14	1	13	1249	503	30	93	0.5	0.5	125.5	4.3	-2.7	ABCN	111
11111	1/0ACSR	12.8	24.9	0.0	ABCN	15	7	0	13	1214	492	29	93	0.3	0.8	125.2	2.7	-1.8	ABCN	11111
106	1/0ACSR	19.6	24.9	0.0	ABCN	12	6	0	11	1096	443	26	93	0.4	1.2	124.8	3.0	-2.9	ABCN	106
10619	1/0ACSR	22.7	24.9	0.0	ABCN	0	-0	0	9	878	357	21	93	0.1	1.3	124.7	0.9	-1.7	ABCN	10619
102	6ACWC	30.2	24.9	0.0	A N	35	16	3	2	35	14	3	93	0.0	1.4	124.6	0.0	-1.5	A N	102
108	1/0ACSR	24.9	24.9	0.0	ABCN	5	2	0	9	843	344	20	93	0.1	1.4	124.6	0.6	-1.2	ABCN	108
103	4ACSR	31.1	24.9	0.0	A N	35	16	3	2	35	15	3	92	0.0	1.5	124.5	0.0	-1.2	A N	103
79	1/0ACSR	28.0	24.9	0.0	ABCN	2	1	0	8	802	329	19	93	0.1	1.5	124.5	0.7	-1.8	ABCN	79
100	1/0ACSR	29.7	24.9	0.0	ABCN	39	17	1	8	799	330	19	92	0.1	1.6	124.4	0.4	-1.0	ABCN	100
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																				
	ABCN : Tap = 2			RAISE																
Regulator			29.7	24.9	0.0	ABCN				18	760	313	18	92	-1.6	0.1	125.7	-0.0	-0.0	ABCN	Regulator
10099	1/0ACSR	32.5	24.9	0.0	ABCN	-0	0	0	8	760	313	18	92	0.1	0.2	125.8	0.6	-1.7	ABCN	10099
73	397ACSR	35.7	24.9	0.0	ABCN	91	41	2	2	409	167	10	93	0.0	0.2	125.8	0.0	-2.7	ABCN	73
7398	397ACSR	41.3	24.9	0.0	ABCN	124	56	3	1	265	105	6	93	0.0	0.2	125.8	0.0	-4.8	ABCN	7398
67	397ACSR	43.2	24.9	0.0	ABCN	57	26	1	0	112	42	3	94	0.0	0.2	125.8	0.0	-1.6	ABCN	67
6798	397ACSR	49.8	24.9	0.0	ABCN	28	12	1	0	28	7	1	97	0.0	0.2	125.8	0.0	-5.7	ABCN	6798
6799	4ACSR	47.5	24.9	0.0	A N	28	12	2	1	28	12	2	92	0.0	0.3	125.7	0.0	-0.9	A N	6799
7397	4ACSR	45.1	24.9	0.0	A N	28	13	2	1	28	12	2	92	0.0	0.3	125.7	0.0	-0.8	A N	7397
7399	397ACSR	37.0	24.9	0.0	A N	53	24	4	1	53	23	4	91	0.0	0.2	125.8	0.0	-0.3	A N	7399
76	4ACSR	37.4	24.9	0.0	A N	46	21	3	18	350	148	25	92	0.6	0.8	125.2	1.5	-0.2	A N	76
7699	4ACSR	43.4	24.9	0.0	A N	46	21	3	16	303	128	22	92	0.6	1.4	124.6	1.3	-0.5	A N	7699
101	4ACSR	46.8	24.9	0.0	A N	0	0	0	1	10	3	1	95	0.0	1.4	124.6	0.0	-0.7	A N	101
78	4ACSR	50.0	24.9	0.0	A N	10	5	1	1	10	4	1	93	0.0	1.4	124.6	0.0	-0.6	A N	78
104	4ACSR	48.5	24.9	0.0	A N	40	18	3	13	245	104	18	92	0.4	1.8	124.2	0.7	-0.6	A N	104
10498	4ACSR	52.1	24.9	0.0	A N	19	8	1	11	205	87	15	92	0.3	2.1	123.9	0.4	-0.5	A N	10498
10499	4ACSR	53.2	24.9	0.0	A N	75	34	6	10	186	79	14	92	0.1	2.1	123.9	0.1	-0.2	A N	10499
105	6ACWC	55.2	24.9	0.0	A N	12	6	1	6	110	46	8	92	0.1	2.2	123.8	0.1	-0.4	A N	105
10589	6ACWC	59.4	24.9	0.0	A N	10	5	1	5	98	41	7	92	0.1	2.3	123.7	0.1	-0.8	A N	10589
10587	6ACWC	68.2	24.9	0.0	A N	75	34	6	4	75	32	6	92	0.1	2.4	123.6	0.1	-1.7	A N	10587
10588	6ACWC	62.7	24.9	0.0	A N	12	5	1	1	12	5	1	93	0.0	2.3	123.7	0.0	-0.6	A N	10588
11318	4ACSR	57.6	24.9	0.0	A N	0	0	0	0	0	-1	0	-52	0.0	2.1	123.9	0.0	-0.9	A N	11318
107	6ACWC	22.1	24.9	0.0	A N	30	13	2	10	203	83	15	92	0.2	1.4	124.6	0.2	-0.4	A N	107
1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	9	173	71	12	93	0.1	1.5	124.5	0.2	-0.4	A N	1079
10791	6ACWC	30.8	24.9	0.0	A N	56	25	4	9	172	71	13	92	0.3	1.8	124.2	0.3	-1.0	A N	10791
10792	6ACWC	34.7	24.9	0.0	A N	4	2	0	6	116	47	8	93	0.2	2.0	124.0	0.1	-0.7	A N	10792
112	4ACSR	40.5	24.9	0.0	A N	32	14	2	2	32	13	2	92	0.0	2.0	124.0	0.0	-1.1	A N	112
11322	6ACWC	37.9	24.9	0.0	A N	18	8	1	4	80	32	6	93	0.1	2.1	123.9	0.0	-0.6	A N	11322
113	6ACWC	45.8	24.9	0.0	A N	11	5	1	3	62	25	5	93	0.2	2.2	123.8	0.1	-1.5	A N	113
11319	6ACWC	50.8	24.9	0.0	A N	51	23	4	3	51	22	4	92	0.0	2.2	123.8	0.0	-1.0	A N	11319
11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.4	A N	11320
128	4ACSR	19.0	24.9	0.0	A N	100	45	7	5	100	44	7	92	0.1	0.9	125.1	0.1	-1.2	A N	128

********** Load-Flow Results For Three Forks Ckt 2 **********

Three Forks Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1935	774	46	93			126.0			ABCN	Feeder
10994	1/0ACSR	0.2	24.9	0.0	ABCN	-0	0	0	20	1935	774	46	93	0.0	0.0	126.0	0.3	0.1	ABCN	10994
11612	4ACSR	4.7	24.9	0.0	A N	106	43	8	16	321	128	23	93	0.4	0.4	125.6	0.9	-0.4	A N	11612
91161	4ACSR	5.6	24.9	0.0	A N	12	5	1	11	214	85	15	93	0.1	0.5	125.5	0.1	-0.1	A N	91161
91162	6ACWC	7.1	24.9	0.0	A N	33	13	2	2	33	13	2	93	0.0	0.5	125.5	0.0	-0.3	A N	91162
71161	4ACSR	7.4	24.9	0.0	A N	41	17	3	4	79	31	6	93	0.0	0.6	125.4	0.0	-0.3	A N	71161
7116	6ACWC	13.4	24.9	0.0	A N	38	15	3	2	38	14	3	94	0.0	0.6	125.4	0.0	-1.2	A N	7116
9116	4ACSR	7.6	24.9	0.0	A N	54	22	4	5	90	36	6	93	0.0	0.6	125.4	0.0	-0.4	A N	9116
91163	4ACSR	9.5	24.9	0.0	A N	36	15	3	2	36	14	3	93	0.0	0.6	125.4	0.0	-0.4	A N	91163
119	1/0ACSR	1.5	24.9	0.0	ABCN	31	13	1	17	1614	646	38	93	0.1	0.1	125.9	1.2	-0.1	ABCN	119
109	1/0ACSR	3.6	24.9	0.0	ABCN	-0	-0	0	16	1517	608	36	93	0.2	0.3	125.7	1.7	-0.3	ABCN	109
1099	1/0ACSR	5.3	24.9	0.0	ABCN	0	-0	0	16	1500	602	36	93	0.1	0.4	125.6	1.4	-0.3	ABCN	1099
10993	4ACSR	6.1	24.9	0.0	A CN	0	0	0	12	456	184	16	93	0.1	0.5	125.5	0.2	-0.3	A CN	10993
9109	4ACSR	7.5	24.9	0.0	A CN	72	29	3	10	405	164	15	93	0.1	0.6	125.4	0.2	-0.5	A CN	9109
81091	6ACWC	8.9	24.9	0.0	A N	102	42	7	5	102	42	7	93	0.0	0.6	125.4	0.0	-0.3	A N	81091
8109	6ACWC	9.3	24.9	0.0	A N	81	33	6	12	231	94	17	93	0.1	0.7	125.3	0.2	-0.3	A N	8109
81092	4ACSR	12.9	24.9	0.0	A N	150	61	11	8	150	61	11	93	0.1	0.8	125.2	0.1	-0.7	A N	81092
10991	2ACSR	9.5	24.9	0.0	A N	50	21	4	2	50	20	4	93	0.0	0.5	125.5	0.0	-0.7	A N	10991
61095	1/0ACSR	6.3	24.9	0.0	ABCN	7	3	0	11	1043	419	25	93	0.0	0.5	125.5	0.4	-0.4	ABCN	61095
61092	1/0ACSR	7.1	24.9	0.0	ABCN	104	39	2	9	875	351	21	93	0.0	0.5	125.5	0.2	-0.5	ABCN	61092
61093	1/0ACSR	8.0	24.9	0.0	ABCN	185	76	4	6	614	249	15	93	0.0	0.5	125.5	0.1	-0.6	ABCN	61093
61094	1/0ACSR	11.0	24.9	0.0	ABCN	429	176	10	4	429	174	10	93	0.0	0.6	125.4	0.4	-1.9	ABCN	61094
61091	6ACWC	9.8	24.9	0.0	A N	156	64	11	8	156	64	11	93	0.1	0.6	125.4	0.1	-0.5	A N	61091
6109	6ACWC	9.5	24.9	0.0	A N	161	66	12	8	161	65	12	93	0.1	0.6	125.4	0.1	-0.6	A N	6109
10992	2ACSR	5.2	24.9	0.0	A N	15	6	1	1	15	6	1	93	0.0	0.3	125.7	0.0	-0.3	A N	10992
116	4ACSR	5.0	24.9	0.0	A N	64	26	5	3	64	26	5	93	0.0	0.2	125.8	0.0	-0.7	A N	116

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********** Load-Flow Results For Three Forks Ckt 3 **********

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Three Forks Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					3082	873	71	96			126.0			ABCN	Feeder
	118	336ACSR	1.6	24.9	0.0	ABCN	17	7	0	13	3082	873	71	96	0.1	0.1	125.9	1.4	1.6	ABCN	118
	1181	336ACSR	6.9	24.9	0.0	ABCN	4	2	0	13	3064	864	70	96	0.3	0.4	125.6	4.5	4.9	ABCN	1181
	901	336ACSR	12.4	24.9	0.0	ABCN	47	20	1	12	2861	776	66	97	0.3	0.6	125.4	4.1	3.8	ABCN	901
	9011	336ACSR	19.9	24.9	0.0	ABCN	5	2	0	12	2810	752	65	97	0.4	1.0	125.0	5.4	5.0	ABCN	9011
	9012	336ACSR	20.5	24.9	0.0	ABCN	0	-0	0	12	2800	745	64	97	0.0	1.0	125.0	0.4	0.4	ABCN	9012
	125	1/0ACSR	22.2	24.9	0.0	ABCN	93	40	2	4	399	161	10	93	0.0	1.0	125.0	0.1	-1.2	ABCN	125
	1251	1/0ACSR	24.3	24.9	0.0	ABCN	24	10	1	3	305	123	7	93	0.0	1.1	124.9	0.1	-1.5	ABCN	1251
	1252	4ACSR	28.1	24.9	0.0	A N	52	22	4	3	52	21	4	92	0.0	1.1	124.9	0.0	-0.8	A N	1252
	1253	1/0ACSR	25.2	24.9	0.0	ABCN	13	6	0	2	229	93	6	93	0.0	1.1	124.9	0.0	-0.7	ABCN	1253
	117	4ACSR	29.1	24.9	0.0	A N	70	30	5	6	108	44	8	93	0.1	1.2	124.8	0.1	-0.7	A N	117
	11177	4ACSR	34.2	24.9	0.0	A N	37	16	3	2	37	15	3	93	0.0	1.2	124.8	0.0	-1.0	A N	11177
	120	4ACSR	29.8	24.9	0.0	A N	18	8	1	6	109	44	8	93	0.2	1.3	124.7	0.1	-0.9	A N	120
	12099	4ACSR	32.7	24.9	0.0	A N	58	25	4	3	58	24	4	92	0.0	1.3	124.7	0.0	-0.6	A N	12099
	121	4ACSR	36.3	24.9	0.0	A N	33	14	2	2	33	13	2	93	0.0	1.3	124.7	0.0	-1.3	A N	121
	9013	1/0ACSR	21.1	24.9	0.0	ABCN	3	1	0	24	2401	584	55	97	0.1	1.1	124.9	1.1	0.4	ABCN	9013
	11252	1/0ACSR	22.3	24.9	0.0	ABCN	4	2	0	24	2396	582	55	97	0.1	1.2	124.8	2.4	0.9	ABCN	11252
	11253	1/0ACSR	24.6	24.9	0.0	ABCN	3	1	0	22	2251	521	52	97	0.2	1.4	124.6	3.8	1.2	ABCN	11253
	11392	1/0ACSR	27.2	24.9	0.0	ABCN	58	25	1	20	2036	433	47	98	0.2	1.7	124.3	3.4	0.7	ABCN	11392
	13211	4ACSR	30.7	24.9	0.0	A N	41	18	3	2	41	17	3	93	0.0	1.7	124.3	0.0	-0.7	A N	13211
	13221	1/0ACSR	31.2	24.9	0.0	ABCN	29	-309	7	19	1933	390	44	98	0.4	2.1	123.9	5.2	0.9	ABCN	13221
	Capacitor (Wye-Gnd Connected) at Center of Section 13221																				
	ABCN : Nominal = 300 kvar Actual = 321 kvar																				
	134	1/0ACSR	36.6	24.9	0.0	ABCN	49	21	1	16	1507	581	36	93	0.4	2.5	123.5	4.4	-0.7	ABCN	134
	13411	1/0ACSR	39.0	24.9	0.0	ABCN	11	5	0	14	1381	531	33	93	0.2	2.6	123.4	1.7	-0.5	ABCN	13411
	13078	1/0ACSR	39.7	24.9	0.0	ABCN	6	2	0	10	947	356	23	94	0.0	2.7	123.3	0.2	-0.3	ABCN	13078
	126	4ACSR	46.2	24.9	0.0	A N	82	35	6	4	82	34	6	92	0.1	2.8	123.2	0.1	-1.3	A N	126
	13079	1/0ACSR	39.9	24.9	0.0	ABCN	6	2	0	9	859	320	21	94	0.0	2.7	123.3	0.1	-0.1	ABCN	13079
	130	1/0ACSR	43.0	24.9	0.0	ABCN	54	23	1	6	564	206	14	94	0.1	2.8	123.2	0.3	-2.0	ABCN	130
	124	1/0ACSR	44.4	24.9	0.0	ABCN	85	36	2	5	501	182	12	94	0.0	2.8	123.2	0.1	-1.0	ABCN	124
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 124																				
	ABCN : Tap = 4 RAISE																				
H	Regulator			44.4	24.9	0.0	ABCN				10	416	146	10	94	-3.1	-0.3	126.1	-0.0	-0.0	ABCN	Regulator
H	12411	1/0ACSR	50.4	24.9	0.0	ABCN	88	38	2	4	416	146	10	94	0.1	-0.2	126.2	0.3	-4.3	ABCN	12411
H	12412	1/0ACSR	54.6	24.9	0.0	ABCN	39	17	1	3	327	113	8	95	0.1	-0.1	126.1	0.1	-3.1	ABCN	12412
H	372	1/0ACSR	61.5	24.9	0.0	ABCN	44	19	1	3	266	93	6	94	0.1	-0.0	126.0	0.2	-5.2	ABCN	372
	360	1/0ACSR	65.3	24.9	0.0	ABCN	42	18	1	2	223	80	5	94	0.0	0.0	126.0	0.1	-2.9	ABCN	360
	36011	1/0ACSR	66.0	24.9	0.0	ABCN	6	3	0	0	6	2	0	95	0.0	0.0	126.0	0.0	-0.5	ABCN	36011
	115	4ACSR	70.2	24.9	0.0	A CN	4	2	0	4	174	63	6	94	0.1	0.2	125.8	0.2	-2.0	A CN	115
	11511	2ACSR	75.5	24.9	0.0	A CN	13	6	0	3	170	63	6	94	0.1	0.3	125.7	0.1	-2.3	A CN	11511
	11513	4ACSR	75.8	24.9	0.0	A N	2	1	0	2	31	10	2	95	0.0	0.4	125.6	0.0	-0.1	A N	11513
	114	4ACSR	82.9	24.9	0.0	A N	10	4	1	0	10	3	1	96	0.0	0.4	125.6	0.0	-1.4	A N	114
	129	4ACSR	84.5	24.9	0.0	A N	19	8	1	1	19	6	1	95	0.0	0.4	125.6	0.0	-1.8	A N	129
	11512	6ACWC	82.7	24.9	0.0	A N	41	18	3	6	125	49	9	93	0.3	0.6	125.4	0.2	-1.3	A N	11512
	122	4ACSR	88.5	24.9	0.0	A N	27	11	2	4	84	33	6	93	0.1	0.8	125.2	0.1	-1.1	A N	122
	12097	4ACSR	94.0	24.9	0.0	A N	46	20	3	2	46	18	3	93	0.0	0.8	125.2	0.0	-1.1	A N	12097
	12098	4ACSR	90.6	24.9	0.0	A N	11	5	1	1	11	4	1	93	0.0	0.8	125.2	0.0	-0.4	A N	12098
	373	4ACSR	63.0	24.9	0.0	A N	21	9	2	1	22	6	1	96	0.0	0.1	125.9	0.0	-1.7	A N	373
	375	4ACSR	70.3	24.9	0.0	A N	0	0	0	0	0	-1	0	-27	-0.0	0.1	125.9	0.0	-1.5	A N	375
	127	4ACSR	47.3	24.9	0.0	A N	8	4	1	0	8	3	1	95	0.0	2.8	123.2	0.0	-0.8	A N	127
	136	6ACWC	44.7	24.9	0.0	A N	136	50	10	15	289	112	21	93	0.4	3.1	122.9	0.7	-0.5	A N	136
	13611	6ACWC	50.6	24.9	0.0	A N	105	45	8	8	152	62	11	93	0.2	3.3	122.7	0.2	-1.0	A N	13611
	3751	6ACWC	53.1	24.9	0.0	A N	35	15	3	2	35	15	3	92	0.0	3.3	122.7	0.0	-0.5	A N	3751
	378	6ACWC	57.5	24.9	0.0	A N	12	5	1	1	12	4	1	95	0.0	3.3	122.7	0.0	-1.3	A N	378
	135	336ACSR	43.6	24.9	0.0	ABCN	51	22	1	2	421	170	10	93	0.0	2.7	123.3	0.1	-3.7	ABCN	135
	13511	6ACWC	48.0	24.9	0.0	A N	127	54	9	7	127	54	9	92	0.1	2.8	123.2	0.1	-0.8	A N	13511
	13514	6ACWC	46.6	24.9	0.0	A N	17	7	1	13	243	99	18	93	0.2	3.0	123.0	0.4	-0.3	A N	13514
	13512	6ACWC	52.3	24.9	0.0	A N	28	12	2	1	28	11	2	93	0.0	3.0	123.0	0.0	-1.1	A N	13512
	13513	6ACWC	52.0	24.9	0.0	A N	111	47	8	10	197	81	14	93	0.3	3.2	122.8	0.3	-0.8	A N	13513
	13515	6ACWC	55.1	24.9	0.0	A N	55	23	4	3	55	23	4	92	0.0	3.3	122.7	0.0	-0.6	A N	13515
	13516	6ACWC	54.9	24.9	0.0	A N	9	4	1	2	31	11	2	94	0.0	3.3	122.7	0.0	-0.6	A N	13516

Three Forks Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	Losses KW	KVAR	Phs Cfg	Section
518	2ACSR	56.6	24.9	0.0	A N	16	7	1	1	22	8	2	94	0.0	3.3	122.7	0.0	-0.3	A N	518
13517	2ACSR	61.0	24.9	0.0	A N	6	3	0	0	6	2	0	96	0.0	3.3	122.7	0.0	-0.9	A N	13517
13412	2ACSR	37.7	24.9	0.0	ABCN	72	31	2	1	72	30	2	92	0.0	2.5	123.5	0.0	-0.7	ABCN	13412
138	1/0ACSR	32.0	24.9	0.0	ABCN	0	0	0	4	392	117	9	96	0.0	2.1	123.9	0.0	-0.6	ABCN	138
11312	336ACSR	37.7	24.9	0.0	ABCN	30	13	1	1	165	23	4	99	0.0	2.1	123.9	0.0	-4.7	ABCN	11312
13311	336ACSR	40.9	24.9	0.0	ABCN	14	6	0	1	135	14	3	99	0.0	2.1	123.9	0.0	-2.7	ABCN	13311
13315	336ACSR	45.3	24.9	0.0	ABCN	8	3	0	0	90	-1	2	-100	0.0	2.1	123.9	0.0	-3.7	ABCN	13315
13314	336ACSR	46.0	24.9	0.0	ABCN	83	0	2	0	83	-1	2	-100	0.0	2.1	123.9	0.0	-0.6	ABCN	13314
13312	4ACSR	45.7	24.9	0.0	A N	30	13	2	2	30	12	2	93	0.0	2.2	123.8	0.0	-0.9	A N	13312
13313	1/0ACSR	34.9	24.9	0.0	ABCN	227	97	6	2	227	95	6	92	0.0	2.1	123.9	0.1	-2.1	ABCN	13313
132	1/0ACSR	26.4	24.9	0.0	ABCN	144	62	4	2	209	86	5	93	0.0	1.5	124.5	0.0	-1.3	ABCN	132
131	4ACSR	32.0	24.9	0.0	A N	27	12	2	3	65	25	5	93	0.1	1.6	124.4	0.0	-1.1	A N	131
11399	4ACSR	37.8	24.9	0.0	A N	38	16	3	2	38	15	3	93	0.0	1.6	124.4	0.0	-1.1	A N	11399
11251	4ACSR	26.0	24.9	0.0	A N	138	59	10	7	138	58	10	92	0.1	1.3	124.7	0.1	-0.7	A N	11251
9118	4ACSR	10.4	24.9	0.0	A N	45	19	3	10	195	81	14	92	0.2	0.6	125.4	0.3	-0.6	A N	9118
8116	4ACSR	15.0	24.9	0.0	A N	125	53	9	6	125	52	9	92	0.1	0.7	125.3	0.1	-0.9	A N	8116
91181	4ACSR	11.7	24.9	0.0	A N	25	11	2	1	25	10	2	92	0.0	0.6	125.4	0.0	-0.3	A N	91181

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********** Load-Flow Results For Trapp Ckt 1 **********
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Trapp Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					376	187	19	90			126.0			ABCN	Feeder
325	1/0ACSR	5.7	12.5	0.0	ABCN	25	14	1	8	376	187	19	90	0.4	0.4	125.6	1.2	-0.2	ABCN	325
3250	1/0ACSR	5.9	12.5	0.0	ABCN	46	4	2	2	106	38	5	94	0.0	0.4	125.6	0.0	-0.1	ABCN	3250
3251	4ACSR	11.6	12.5	0.0	A N	60	34	9	7	60	34	9	87	0.3	0.8	125.2	0.1	-0.2	A N	3251
3252	1/0ACSR	9.1	12.5	0.0	ABCN	24	14	1	5	244	135	12	87	0.2	0.6	125.4	0.3	-0.4	ABCN	3252
324	4ACSR	13.1	12.5	0.0	A N	0	0	0	12	109	60	17	88	0.7	1.4	124.6	0.6	0.1	A N	324
312	4ACSR	20.6	12.5	0.0	A N	12	7	2	1	12	6	2	88	0.1	1.4	124.6	0.0	-0.4	A N	312
3241	4ACSR	15.3	12.5	0.0	A N	0	0	0	11	97	54	15	87	0.3	1.7	124.3	0.3	0.0	A N	3241
3061	4ACSR	21.7	12.5	0.0	A N	35	20	5	9	84	47	13	87	0.7	2.3	123.7	0.4	-0.1	A N	3061
306	4ACSR	26.0	12.5	0.0	A N	49	28	8	5	49	28	8	87	0.2	2.5	123.5	0.1	-0.2	A N	306
3062	4ACSR	29.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.5	123.5	0.0	-0.2	A N	3062
313	4ACSR	19.1	12.5	0.0	A N	12	7	2	1	12	7	2	88	0.0	1.7	124.3	0.0	-0.2	A N	313
326	4ACSR	12.5	12.5	0.0	A N	1	1	0	12	110	61	17	87	0.6	1.3	124.7	0.5	0.1	A N	326
3261	4ACSR	15.0	12.5	0.0	A N	34	19	5	4	34	19	5	87	0.1	1.3	124.7	0.0	-0.1	A N	3261
3262	4ACSR	15.8	12.5	0.0	A N	14	8	2	8	75	42	11	87	0.3	1.6	124.4	0.2	-0.1	A N	3262
3263	4ACSR	17.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-97	0.0	1.6	124.4	0.0	-0.1	A N	3263
327	4ACSR	21.8	12.5	0.0	A N	35	20	5	7	60	34	9	87	0.4	2.0	124.0	0.2	-0.2	A N	327
3271	4ACSR	28.6	12.5	0.0	A N	25	14	4	3	25	14	4	87	0.1	2.1	123.9	0.0	-0.3	A N	3271

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********** Load-Flow Results For Trapp Ckt 2 **********
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Trapp Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					851	301	40	94			126.0			ABCN	Feeder
339	336ACSR	0.9	12.5	0.0	ABCN	23	13	1	8	851	301	40	94	0.1	0.1	125.9	0.2	0.3	ABCN	339
3391	336ACSR	2.4	12.5	0.0	ABCN	35	10	2	6	722	230	33	95	0.1	0.1	125.9	0.3	0.3	ABCN	3391
3392	1/0ACSR	5.9	12.5	0.0	ABCN	55	31	3	14	687	219	32	95	0.5	0.6	125.4	2.1	0.9	ABCN	3392
3393	1/0ACSR	8.8	12.5	0.0	ABCN	39	22	2	11	570	154	26	97	0.3	0.9	125.1	1.2	0.3	ABCN	3393
353	1/0ACSR	12.4	12.5	0.0	ABCN	57	-130	6	8	415	68	19	99	0.3	1.2	124.8	0.8	-0.1	ABCN	353
Capacitor (Wye-Gnd Connected) at Center of Section 353																				
	ABCN : Nominal = 150 kvar					Actual = 163 kvar														
3531	1/0ACSR	16.3	12.5	0.0	ABCN	36	20	2	8	357	198	18	87	0.3	1.4	124.6	0.7	-0.2	ABCN	3531
366	4ACSR	16.9	12.5	0.0	ABCN	0	0	0	8	215	119	11	87	0.1	1.5	124.5	0.1	-0.1	ABCN	366
3661	4ACSR	19.6	12.5	0.0	A N	13	7	2	12	113	64	17	87	0.5	2.2	123.8	0.4	0.1	A N	3661
3541	4ACSR	25.1	12.5	0.0	A N	51	29	8	10	92	52	14	87	0.6	2.8	123.2	0.4	-0.1	A N	3541
354	4ACSR	27.8	12.5	0.0	A N	41	23	6	5	41	23	6	87	0.1	2.8	123.2	0.0	-0.1	A N	354
3542	4ACSR	22.3	12.5	0.0	A N	8	4	1	1	8	4	1	87	0.0	2.2	123.8	0.0	-0.1	A N	3542
3662	4ACSR	20.2	12.5	0.0	A N	18	10	3	11	102	55	16	88	0.5	2.2	123.8	0.4	0.0	A N	3662
3663	4ACSR	26.4	12.5	0.0	A N	36	20	6	9	83	45	13	88	0.6	2.8	123.2	0.4	-0.1	A N	3663
3711	4ACSR	30.1	12.5	0.0	A N	1	0	0	3	29	15	4	89	0.2	3.0	123.0	0.0	-0.2	A N	3711
371	4ACSR	35.1	12.5	0.0	A N	8	5	1	3	25	14	4	88	0.2	3.1	122.9	0.0	-0.2	A N	371
3710	4ACSR	40.2	12.5	0.0	A N	17	9	3	2	17	9	3	88	0.1	3.2	122.8	0.0	-0.2	A N	3710
370	6ACWC	40.7	12.5	0.0	A N	3	2	0	0	3	1	0	93	0.0	3.0	123.0	0.0	-0.5	A N	370
603	4ACSR	33.9	12.5	0.0	A N	18	10	3	2	18	10	3	88	0.1	2.9	123.1	0.0	-0.4	A N	603
365	6ACWC	19.2	12.5	0.0	A N	19	11	3	12	105	58	16	87	0.4	2.1	123.9	0.3	0.0	A N	365
3651	6ACWC	27.0	12.5	0.0	A N	29	16	4	3	29	16	4	88	0.2	2.3	123.7	0.0	-0.4	A N	3651
3652	6ACWC	26.3	12.5	0.0	A N	26	15	4	6	57	31	9	88	0.5	2.5	123.5	0.2	-0.2	A N	3652
3653	6ACWC	30.7	12.5	0.0	A N	27	15	4	3	27	15	4	87	0.1	2.6	123.4	0.0	-0.2	A N	3653
3654	6ACWC	29.5	12.5	0.0	A N	3	2	1	0	3	2	1	89	0.0	2.5	123.5	0.0	-0.2	A N	3654
342	4ACSR	10.5	12.5	0.0	A N	17	9	3	12	114	63	17	87	0.3	1.3	124.7	0.2	0.0	A N	342
3422	4ACSR	12.3	12.5	0.0	A N	24	14	4	7	62	34	9	87	0.1	1.4	124.6	0.1	-0.1	A N	3422
34221	4ACSR	15.2	12.5	0.0	A N	0	0	0	4	38	21	6	88	0.2	1.6	124.4	0.0	-0.1	A N	34221
3423	4ACSR	19.4	12.5	0.0	A N	26	15	4	3	26	15	4	87	0.1	1.6	124.4	0.0	-0.2	A N	3423
3424	4ACSR	19.3	12.5	0.0	A N	11	6	2	1	11	6	2	88	0.0	1.6	124.4	0.0	-0.2	A N	3424
3421	4ACSR	16.2	12.5	0.0	A N	35	20	5	4	35	20	5	87	0.2	1.4	124.6	0.0	-0.3	A N	3421
349	4ACSR	9.3	12.5	0.0	A N	11	6	2	7	60	34	9	87	0.3	0.9	125.1	0.1	-0.1	A N	349
3491	4ACSR	10.9	12.5	0.0	A N	31	17	5	3	31	17	5	87	0.0	1.0	125.0	0.0	-0.1	A N	3491
352	4ACSR	15.7	12.5	0.0	A N	18	10	3	2	18	10	3	88	0.1	1.0	125.0	0.0	-0.3	A N	352
323	4ACSR	5.2	12.5	0.0	A N	13	7	2	11	105	58	16	88	0.6	0.7	125.3	0.5	0.1	A N	323
3231	4ACSR	10.4	12.5	0.0	A N	24	13	4	10	92	51	14	88	0.6	1.3	124.7	0.4	-0.0	A N	3231
311	4ACSR	15.9	12.5	0.0	A N	16	9	3	6	55	30	8	88	0.4	1.7	124.3	0.2	-0.2	A N	311
31121	4ACSR	17.5	12.5	0.0	A N	0	0	0	4	38	21	6	88	0.1	1.8	124.2	0.0	-0.1	A N	31121
305	4ACSR	26.0	12.5	0.0	A N	38	21	6	4	38	21	6	87	0.2	2.1	123.9	0.1	-0.4	A N	305
33111	4ACSR	18.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.0	A N	33111
322	4ACSR	17.5	12.5	0.0	A N	14	8	2	1	14	7	2	88	0.1	1.4	124.6	0.0	-0.4	A N	322

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********** Load-Flow Results For Trapp Ckt 3 **********
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Trapp Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	-- 120V Base -- Accm Volt Drop	-- 120V Base -- Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					295	-32	13	-99			126.0			ABCN	Feeder
3380	336ACSR	0.9	12.5	0.0	ABCN	0	-0	0	2	295	-32	13	-99	0.0	0.0	126.0	0.0	-0.1	ABCN	3380
338	336ACSR	2.5	12.5	0.0	ABCN	-0	0	0	2	295	-31	13	-99	0.0	0.0	126.0	0.0	-0.2	ABCN	338
340	1/0ACSR	6.2	12.5	0.0	ABCN	116	-135	8	6	295	-31	13	-99	0.2	0.2	125.8	0.4	-0.4	ABCN	340
Capacitor (Wye-Gnd Connected) at Center of Section 340																				
ABCN : Nominal = 150 kvar Actual = 165 kvar																				
351	1/0ACSR	8.4	12.5	0.0	ABCN	5	3	0	3	152	87	8	87	0.1	0.2	125.8	0.1	-0.4	ABCN	351
350	1/0ACSR	13.8	12.5	0.0	ABCN	34	23	2	1	57	33	3	87	0.0	0.3	125.7	0.0	-1.0	ABCN	350
3501	1/0ACSR	18.3	12.5	0.0	ABCN	0	-0	0	0	8	2	0	96	0.0	0.3	125.7	0.0	-0.9	ABCN	3501
335	1/0ACSR	25.0	12.5	0.0	ABCN	8	6	0	0	8	4	0	89	0.0	0.3	125.7	0.0	-1.3	ABCN	335
359	1/0ACSR	21.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.3	125.7	0.0	-0.6	ABCN	359
336	4ACSR	29.8	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.5	125.5	0.0	-0.4	A N	336
3502	4ACSR	20.9	12.5	0.0	A N	14	9	2	2	14	9	2	84	0.1	0.6	125.4	0.0	-0.4	A N	3502
357	4ACSR	13.7	12.5	0.0	A N	27	18	4	10	90	52	14	87	0.6	1.0	125.0	0.4	-0.1	A N	357
3570	4ACSR	19.2	12.5	0.0	A N	25	16	4	7	63	34	10	88	0.4	1.4	124.6	0.2	-0.2	A N	3570
364	4ACSR	28.0	12.5	0.0	A N	38	18	6	4	38	18	6	91	0.2	1.7	124.3	0.1	-0.4	A N	364
337	4ACSR	12.4	12.5	0.0	A N	26	17	4	3	26	17	4	84	0.1	0.4	125.6	0.0	-0.3	A N	337

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********** Load-Flow Results For Van Meter Ckt 1 **********
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Van Meter Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					238	111	12	91			126.0			ABCN	Feeder
27	4ACSR	1.1	12.5	0.0	ABCN	0	-0	0	8	238	111	12	91	0.1	0.1	125.9	0.2	-0.1	ABCN	27
27000	4ACSR	7.4	12.5	0.0	A N	222	105	33	25	238	111	35	91	1.2	1.3	124.7	2.0	0.8	A N	27000
28	4ACSR	12.7	12.5	0.0	A N	12	6	2	1	14	6	2	93	0.1	1.3	124.7	0.0	-0.3	A N	28
30	4ACSR	19.5	12.5	0.0	A N	1	1	0	0	1	0	0	98	0.0	1.3	124.7	0.0	-0.3	A N	30
31	4ACSR	19.1	12.5	0.0	A N	0	0	0	0	1	-0	0	-99	0.0	1.3	124.7	0.0	-0.3	A N	31
29	4ACSR	24.4	12.5	0.0	A N	1	0	0	0	1	0	0	99	0.0	1.3	124.7	0.0	-0.3	A N	29

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********** Load-Flow Results For Van Meter Ckt 2 **********
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Van Meter Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					279	130	14	91			126.0			ABCN	Feeder
26	1/0ACSR	5.4	12.5	0.0	ABCN	75	36	4	6	279	130	14	91	0.3	0.3	125.7	0.5	-0.6	ABCN	26
1300	1/0ACSR	10.7	12.5	0.0	ABCN	202	95	10	4	203	95	10	91	0.1	0.4	125.6	0.6	-0.4	ABCN	1300
1301	1/0ACSR	14.3	12.5	0.0	ABCN	1	0	0	0	1	-0	0	-95	0.0	0.4	125.6	0.0	-0.7	ABCN	1301
Regulator	REG-219A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1301																			
	ABCN : Tap = 0 NEUTRAL																			
Regulator		14.3	12.5	0.0	ABCN				0	0	0	0	0	0.0	0.4	125.6	0.0	0.0	ABCN	Regulator

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********** Load-Flow Results For Van Meter Ckt 3 **********
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Van Meter Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1873	464	85	97			126.0			ABCN	Feeder
	25	1/0ACSR	6.4	12.5	0.0	ABCN	48	22	2	37	1873	464	85	97	2.2	2.2	123.8	28.7	20.5	ABCN	25
	1325	1/0ACSR	11.2	12.5	0.0	ABCN	78	36	4	36	1796	421	83	97	1.6	3.7	122.3	20.0	14.2	ABCN	1325
	17	1/0ACSR	13.7	12.5	0.0	ABCN	101	37	5	34	1699	371	79	98	0.8	4.5	121.5	9.6	6.8	ABCN	17
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 17																				
	ABCN : Tap = 6 RAISE																				
H	Regulator		13.7	12.5	0.0	ABCN				74	1588	327	74	98	-4.6	-0.0	126.0	0.0	0.0	ABCN	Regulator
	15	1/0ACSR	14.9	12.5	0.0	ABCN	98	45	5	30	1553	310	70	98	0.3	0.3	125.7	3.4	2.3	ABCN	15
	13	1/0ACSR	19.7	12.5	0.0	ABCN	47	22	2	21	1070	91	47	100	0.8	1.1	124.9	6.6	4.1	ABCN	13
	1319	1/0ACSR	24.3	12.5	0.0	ABCN	65	30	3	20	1016	65	45	100	0.7	1.9	124.1	5.7	3.5	ABCN	1319
	1328	1/0ACSR	25.5	12.5	0.0	ABCN	16	-313	14	18	907	13	41	100	0.2	2.0	124.0	1.3	0.8	ABCN	1328
	Capacitor (Wye-Gnd Connected) at Center of Section 1328																				
	ABCN : Nominal = 300 kvar Actual = 321 kvar																				
	9001	1/0ACSR	31.6	12.5	0.0	ABCN	188	50	9	13	613	247	30	93	0.7	2.7	123.3	2.9	1.2	ABCN	9001
	90011	1/0ACSR	35.7	12.5	0.0	ABCN	30	14	1	9	421	195	21	91	0.4	3.1	122.9	1.1	0.1	ABCN	90011
	1	1/0ACSR	43.1	12.5	0.0	ABCN	55	25	3	7	331	153	16	91	0.5	3.6	122.4	1.1	-0.5	ABCN	1
	1326	4ACSR	51.7	12.5	0.0	A N	104	48	16	11	104	48	16	91	0.7	5.2	120.8	0.6	-0.1	A N	1326
	1327	1/0ACSR	48.3	12.5	0.0	ABCN	31	14	2	4	170	79	9	91	0.2	3.7	122.3	0.2	-0.8	ABCN	1327
	1324	4ACSR	50.1	12.5	0.0	A N	55	26	8	6	56	26	8	91	0.1	4.9	121.1	0.0	-0.1	A N	1324
	13271	4ACSR	50.1	12.5	0.0	A N	82	38	13	9	83	38	13	91	0.1	4.9	121.1	0.1	-0.0	A N	13271
	90012	4ACSR	41.9	12.5	0.0	A N	59	28	9	6	59	27	9	91	0.3	4.2	121.8	0.1	-0.2	A N	90012
	11	4ACSR	28.9	12.5	0.0	A N	4	2	1	28	275	78	39	96	1.3	3.9	122.1	2.7	1.2	A N	11
	1320	4ACSR	33.5	12.5	0.0	A N	20	9	3	2	20	9	3	91	0.1	3.9	122.1	0.0	-0.2	A N	1320
	7	4ACSR	36.6	12.5	0.0	A N	122	8	17	25	248	65	35	97	2.0	5.9	120.1	3.2	1.3	A N	7
	1322	4ACSR	40.9	12.5	0.0	A N	53	25	8	13	122	56	19	91	0.6	6.5	119.5	0.5	0.1	A N	1322
	1323	4ACSR	48.7	12.5	0.0	A N	56	26	9	7	68	31	10	91	0.5	7.0	119.0	0.2	-0.2	A N	1323
	10	4ACSR	54.6	12.5	0.0	A N	12	5	2	1	12	5	2	91	0.1	7.0	119.0	0.0	-0.3	A N	10
	12	4ACSR	34.5	12.5	0.0	A N	38	18	6	4	38	17	6	91	0.3	2.6	123.4	0.1	-0.5	A N	12
	20	4ACSR	18.5	12.5	0.0	ABCN	145	67	7	13	381	171	18	91	0.5	0.7	125.3	1.6	-0.0	ABCN	20
	1313	4ACSR	24.8	12.5	0.0	ABCN	50	23	2	8	235	104	11	91	0.5	1.3	124.7	1.0	-0.7	ABCN	1313
	1314	1/0ACSR	26.4	12.5	0.0	ABCN	5	2	0	4	184	81	9	92	0.1	1.3	124.7	0.1	-0.2	ABCN	1314
	1315	4ACSR	33.3	12.5	0.0	A N	37	17	5	4	37	17	5	91	0.2	2.3	123.7	0.1	-0.3	A N	1315
	1316	1/0ACSR	29.2	12.5	0.0	ABCN	0	-0	0	3	142	62	7	92	0.1	1.4	124.6	0.1	-0.5	ABCN	1316
	21	4ACSR	35.8	12.5	0.0	A N	5	2	1	0	5	2	1	93	0.0	2.2	123.8	0.0	-0.3	A N	21
	22	4ACSR	38.1	12.5	0.0	ABCN	41	19	2	5	137	61	7	91	0.4	1.9	124.1	0.5	-1.4	ABCN	22
	1318	4ACSR	44.2	12.5	0.0	ABCN	38	18	2	3	95	43	5	91	0.2	2.1	123.9	0.2	-1.0	ABCN	1318
	23	4ACSR	51.9	12.5	0.0	A N	57	26	9	6	57	26	9	91	0.3	3.5	122.5	0.1	-0.3	A N	23
	1317	4ACSR	31.7	12.5	0.0	ABCN	0	0	0	0	0	-0	0	-12	-0.0	1.4	124.6	0.0	-0.4	ABCN	1317
	16	4ACSR	17.8	12.5	0.0	A N	35	16	5	4	35	16	5	91	0.1	0.4	125.6	0.0	-0.2	A N	16

Project : Initial PL95 Winter CWP
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/02/99 10:40:07
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Fixes:
The load on section 780 had its phasing changed from A N to ABCN.
Analysis Options:
Using Balanced Model

Convergence took 7 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** Load-Flow Results For A.O. Smith Ckt 1 **********
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A.O. Smith Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses		
Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Ldg Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					2660	540	60	98			126.0			ABCN	Feeder
4387		1/0ACSR	0.1	24.9	0.0	ABCN	-0	0	0	26	2660	540	60	98	0.0	0.0	126.0	0.2	0.1	ABCN	4387
438		1/0ACSR	1.2	24.9	0.0	ABCN	327	-329	10	24	2477	538	56	98	0.1	0.1	125.9	2.0	0.7	ABCN	438
Capacitor (Wye-Gnd Connected) at Center of Section 438																					
	ABCN : Nominal = 300 kvar							Actual = 330 kvar													
4381		1/0ACSR	1.9	24.9	0.0	ABCN	0	-0	0	11	1076	512	26	90	0.0	0.2	125.8	0.3	-0.3	ABCN	4381
452		1/0ACSR	7.5	24.9	0.0	ABCN	6	3	0	10	894	436	22	90	0.3	0.4	125.6	1.7	-3.0	ABCN	452
441		1/0ACSR	12.1	24.9	0.0	ABCN	80	42	2	8	762	378	19	90	0.2	0.6	125.4	1.0	-2.8	ABCN	441
433		4ACSR	18.9	24.9	0.0	A N	51	27	4	3	51	25	4	90	0.1	0.7	125.3	0.0	-1.3	A N	433
434		1/0ACSR	16.7	24.9	0.0	ABCN	68	36	2	7	630	314	16	90	0.1	0.8	125.2	0.6	-3.0	ABCN	434
4341		1/0ACSR	20.6	24.9	0.0	ABCN	75	39	2	6	561	281	14	89	0.1	0.9	125.1	0.4	-2.7	ABCN	4341
4342		1/0ACSR	21.2	24.9	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.9	125.1	0.0	-0.4	ABCN	4342
427		4ACSR	24.9	24.9	0.0	A N	112	59	8	26	485	245	36	89	0.7	1.7	124.3	2.4	0.4	A N	427
430		4ACSR	27.2	24.9	0.0	A N	58	30	4	3	58	30	4	89	0.0	1.7	124.3	0.0	-0.5	A N	430
435		4ACSR	28.4	24.9	0.0	A N	24	12	2	17	313	156	23	90	0.4	2.1	123.9	1.0	-0.2	A N	435
4351		4ACSR	31.7	24.9	0.0	A N	36	19	3	15	288	143	22	90	0.3	2.4	123.6	0.7	-0.3	A N	4351
436		4ACSR	36.9	24.9	0.0	A N	20	11	2	14	251	125	19	90	0.5	2.9	123.1	0.9	-0.5	A N	436
431		4ACSR	44.7	24.9	0.0	A N	44	23	3	2	44	22	3	90	0.1	2.9	123.1	0.0	-1.5	A N	431
437		4ACSR	42.9	24.9	0.0	A N	11	6	1	10	186	93	14	89	0.4	3.3	122.7	0.6	-0.8	A N	437
4371		4ACSR	48.6	24.9	0.0	A N	76	40	6	10	175	89	13	89	0.3	3.6	122.4	0.4	-0.9	A N	4371
4372		4ACSR	54.6	24.9	0.0	A N	75	39	6	4	75	38	6	89	0.1	3.7	122.3	0.1	-1.1	A N	4372
443		4ACSR	51.0	24.9	0.0	A N	23	12	2	1	23	11	2	89	0.0	3.6	122.4	0.0	-0.5	A N	443
440		4ACSR	17.0	24.9	0.0	A N	124	59	9	6	124	57	9	91	0.2	0.7	125.3	0.2	-1.8	A N	440
439		1/0ACSR	4.9	24.9	0.0	ABCN	181	79	4	2	181	77	4	92	0.0	0.2	125.8	0.1	-2.2	ABCN	439
4382		1/0ACSR	2.3	24.9	0.0	ABCN	61	32	2	11	1072	353	25	95	0.1	0.2	125.8	0.4	-0.5	ABCN	4382
4383		1/0ACSR	2.7	24.9	0.0	ABCN	347	3	8	3	347	3	8	100	0.0	0.2	125.8	0.0	-0.3	ABCN	4383
4384		1/0ACSR	4.5	24.9	0.0	ABCN	0	-0	0	7	664	319	16	90	0.1	0.3	125.7	0.4	-1.4	ABCN	4384
43840		1/0ACSR	5.8	24.9	0.0	ABCN	-0	-0	0	7	607	307	15	89	0.0	0.3	125.7	0.2	-0.9	ABCN	43840
43842		1/0ACSR	7.5	24.9	0.0	A N	6	0	0	20	607	308	45	89	0.2	0.6	125.4	0.9	0.5	A N	43842
43843		1/0EPR	10.9	24.9	0.0	A N	6	3	0	22	599	308	45	89	1.8	2.3	123.7	6.9	6.6	A N	43843
43844		1/0ACSR	14.7	24.9	0.0	A N	0	0	0	19	586	298	44	89	0.5	2.8	123.2	1.9	1.2	A N	43844
4512		4ACSR	17.4	24.9	0.0	A N	25	13	2	32	585	297	44	89	0.6	3.4	122.6	2.8	0.9	A N	4512
451		4ACSR	21.8	24.9	0.0	A N	37	19	3	19	344	178	26	89	0.5	4.0	122.0	1.5	-0.1	A N	451
4511		2ACSR	25.9	24.9	0.0	A N	305	159	24	13	305	159	24	89	0.2	4.2	121.8	0.4	-0.5	A N	4511
4513		4ACSR	19.3	24.9	0.0	A N	5	3	0	12	214	105	16	90	0.2	3.6	122.4	0.3	-0.2	A N	4513
450		4ACSR	26.2	24.9	0.0	A N	93	48	7	5	93	47	7	89	0.1	3.7	122.3	0.1	-1.3	A N	450
1201		4ACSR	21.7	24.9	0.0	A N	18	9	1	6	116	56	9	90	0.1	3.7	122.3	0.1	-0.4	A N	1201
446		4ACSR	27.6	24.9	0.0	A N	57	30	4	3	57	29	4	89	0.1	3.7	122.3	0.0	-1.1	A N	446
4461		4ACSR	22.2	24.9	0.0	A N	0	0	0	2	41	18	3	91	0.0	3.7	122.3	0.0	-0.1	A N	4461
445		4ACSR	28.8	24.9	0.0	A N	26	14	2	1	26	11	2	92	0.0	3.7	122.3	0.0	-1.3	A N	445
4431		4ACSR	29.3	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.7	122.3	0.0	-0.1	A N	4431
4432		4ACSR	30.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.7	122.3	0.0	-0.3	A N	4432

A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
444	4ACSR	32.4	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	3.7	122.3	0.0	-0.7	A N	444
447	4ACSR	26.9	24.9	0.0	A N	14	8	1	1	14	7	1	91	0.0	3.7	122.3	0.0	-0.9	A N	447
43841	1/0ACSR	5.4	24.9	0.0	ABCN	32	13	1	1	57	13	1	97	0.0	0.3	125.7	0.0	-0.7	ABCN	43841
4385	1/0ACSR	6.3	24.9	0.0	ABCN	24	2	1	0	24	1	1	100	0.0	0.3	125.7	0.0	-0.7	ABCN	4385
4386	1/0ACSR	2.2	24.9	0.0	ABCN	183	4	4	2	183	2	4	100	0.0	0.0	126.0	0.0	-1.6	ABCN	4386

********** Load Flow Results For Blevins Valley Ckt 1 **********

Blevins Valley Ckt 1							Section Load				Load Into Section				-- 120V Base --			Losses			
		Phase	Dist	Nom	%V	Phs				Ldg					Volt	Accm	Volt			Phs	
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg	Section
	Feeder			12.5	0.0	ABCN					1202	293	55	97			126.0			ABCN	Feeder
	700D	336ACSR	0.0	12.5	0.0	ABCN	-0	-0	0	10	1202	293	55	97	0.0	0.0	126.0	0.0	0.0	ABCN	700D
C	700	6ACWC	2.1	12.5	0.0	A N	19	4	3	117	1202	293	164	97	3.0	3.0	123.0	26.6	15.8	A N	700
C	7006	6ACWC	4.9	12.5	0.0	A N	9	2	1	115	1156	273	161	97	4.1	7.2	118.8	35.8	21.4	A N	7006
	7001	4ACSR	9.1	12.5	0.0	A N	40	8	6	4	41	8	6	98	0.1	7.3	118.7	0.0	-0.2	A N	7001
	Regulator	1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7002																			
		A N : Tap = 9 RAISE																			
C	Regulator		4.9	12.5	0.0	A N				154	1071	242	154	98	-6.7	0.5	125.5	-0.0	0.0	A N	Regulator
C	7002	6ACWC	10.3	12.5	0.0	A N	58	12	8	104	1071	242	146	98	6.8	7.3	118.7	52.3	31.1	A N	7002
L	662	6ACWC	13.0	12.5	0.0	A N	161	33	23	67	650	137	93	98	2.0	9.3	116.7	9.1	5.3	A N	662
L	660	4ACSR	14.5	12.5	0.0	A N	43	9	6	43	417	86	61	98	0.8	10.1	115.9	2.6	1.3	A N	660
L	6601	4ACSR	17.6	12.5	0.0	A N	71	14	10	7	71	14	10	98	0.2	10.2	115.8	0.1	-0.1	A N	6601
L	6602	4ACSR	18.9	12.5	0.0	A N	16	3	2	31	300	62	44	98	1.8	11.9	114.1	4.3	2.1	A N	6602
L	657	6ACWC	25.8	12.5	0.0	A N	131	26	20	30	279	57	42	98	1.9	13.9	112.1	3.7	1.9	A N	657
L	656	4ACSR	27.3	12.5	0.0	A N	55	11	8	14	130	26	20	98	0.2	14.1	111.9	0.2	0.0	A N	656
L	6561	4ACSR	33.7	12.5	0.0	A N	42	8	6	5	42	8	6	98	0.2	14.3	111.7	0.1	-0.2	A N	6561
L	6562	4ACSR	33.0	12.5	0.0	A N	23	5	3	4	34	6	5	98	0.2	14.3	111.7	0.0	-0.2	A N	6562
L	6563	4ACSR	41.7	12.5	0.0	A N	11	2	2	1	11	2	2	99	0.1	14.3	111.7	0.0	-0.3	A N	6563
L	655	4ACSR	33.8	12.5	0.0	A N	15	3	2	2	15	3	2	98	0.1	13.9	112.1	0.0	-0.3	A N	655
L	661	4ACSR	19.3	12.5	0.0	A N	64	13	9	7	64	13	9	98	0.3	9.6	116.4	0.1	-0.2	A N	661
L	664	4ACSR	15.5	12.5	0.0	A N	228	46	33	23	229	47	33	98	0.8	8.1	117.9	1.5	0.6	A N	664
	665	4ACSR	15.8	12.5	0.0	A N	55	11	8	8	81	16	12	98	0.4	7.7	118.3	0.2	-0.1	A N	665
	6651	4ACSR	21.8	12.5	0.0	A N	25	5	4	3	25	5	4	98	0.1	7.8	118.2	0.0	-0.3	A N	6651

********** Load Flow Results For Blevins Valley Ckt 2 **********

Blevins Valley Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1276	-208	57	-99			126.0			ABCN	Feeder
701D	336ACSR	0.0	12.5	0.0	ABCN	-0	-0	0	11	1276	-208	57	-99	0.0	0.0	126.0	0.0	0.0	ABCN	701D
701	1/0CU	4.0	12.5	0.0	ABCN	45	12	2	18	1276	-208	57	-99	0.3	0.3	125.7	4.3	4.5	ABCN	701
7016	4ACSR	10.6	12.5	0.0	A N	78	21	11	8	78	21	11	97	0.3	0.7	125.3	0.2	-0.2	A N	7016
7011	1/0CU	8.5	12.5	0.0	ABCN	33	9	2	17	1149	-246	52	-98	0.3	0.7	125.3	4.1	4.2	ABCN	7011
7012	4ACSR	14.0	12.5	0.0	A N	66	18	9	6	66	18	9	97	0.2	1.0	125.0	0.1	-0.2	A N	7012
7013	1/0CU	12.2	12.5	0.0	ABCN	48	-314	14	15	1045	-277	48	-97	0.3	0.9	125.1	2.7	2.6	ABCN	7013
Capacitor (Wye-Gnd Connected) at Center of Section 7013																				
	ABCN : Nominal = 300 kvar Actual = 327 kvar																			
7014	1/0ACSR	14.6	12.5	0.0	ABCN	167	10	7	3	168	10	7	100	0.0	1.0	125.0	0.2	-0.3	ABCN	7014
7015	1/0CU	16.7	12.5	0.0	ABCN	15	4	1	12	827	24	37	100	0.3	1.2	124.8	2.1	1.6	ABCN	7015
702	4ACSR	22.5	12.5	0.0	AB N	112	31	8	12	239	64	17	97	0.6	1.9	124.1	1.2	-0.1	AB N	702
7021	4ACSR	26.7	12.5	0.0	AB N	63	17	4	6	126	34	9	97	0.2	2.1	123.9	0.2	-0.3	AB N	7021
10376	4ACSR	27.1	12.5	0.0	AB N	6	2	0	0	6	1	0	97	0.0	2.1	123.9	0.0	-0.0	AB N	10376
7022	4ACSR	35.1	12.5	0.0	A N	57	16	8	6	57	15	8	97	0.3	3.0	123.0	0.1	-0.3	A N	7022
667	4ACSR	20.9	12.5	0.0	ABCN	264	-130	13	18	570	-46	25	-100	0.7	1.9	124.1	3.7	0.7	ABCN	667
Capacitor (Wye-Gnd Connected) at Center of Section 667																				
	ABCN : Nominal = 150 kvar Actual = 161 kvar																			
666	4ACSR	22.8	12.5	0.0	AB N	91	25	6	9	178	49	12	96	0.2	2.1	123.9	0.2	-0.1	AB N	666
6661	4ACSR	27.9	12.5	0.0	A N	87	24	12	9	87	24	12	97	0.3	3.1	122.9	0.2	-0.1	A N	6661
6671	4ACSR	25.0	12.5	0.0	A N	91	25	13	9	91	25	13	96	0.3	2.8	123.2	0.2	-0.1	A N	6671
6672	4ACSR	22.0	12.5	0.0	A N	33	9	5	3	33	9	5	96	0.0	2.6	123.4	0.0	-0.0	A N	6672

********** Load-Flow Results For Blevins Valley Ckt 3 **********

Blevins Valley Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					882	-85	39	-100			126.0			ABCN	Feeder
	6771D	336ACSR	0.0	12.5	0.0	ABCN	0	-0	0	7	882	-85	39	-100	0.0	0.0	126.0	0.0	0.0	ABCN	6771D
	6771	1/0CU	4.4	12.5	0.0	ABCN	33	-321	14	13	882	-85	39	-100	0.4	0.4	125.6	2.3	2.0	ABCN	6771
	Capacitor (Wye-Gnd Connected) at Center of Section 6771																				
	ABCN : Nominal = 300 kvar Actual = 330 kvar																				
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 677																				
	ABCN : Tap = 1 RAISE																				
H	Regulator			4.4	12.5	0.0	ABCN				39	847	234	39	96	-0.8	-0.4	126.4	0.0	0.0	ABCN	Regulator
H	677	1/0CU	6.1	12.5	0.0	ABCN	21	6	1	12	847	234	39	96	0.2	-0.3	126.3	0.8	0.7	ABCN	677
H	6751	1/0CU	6.4	12.5	0.0	ABCN	-0	0	0	11	740	206	34	96	0.0	-0.2	126.2	0.1	0.1	ABCN	6751
H	675	1/0CU	8.4	12.5	0.0	ABCN	4	1	0	9	614	172	28	96	0.1	-0.1	126.1	0.5	0.3	ABCN	675
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 674																				
	A N : Tap = -1 LOWER																				
C	Regulator			8.4	12.5	0.0	A	N			84	610	170	84	96	0.8	0.7	125.3	0.0	-0.0	A N	Regulator
	674	4ACSR	13.9	12.5	0.0	A	N	47	13	7	60	610	170	84	96	4.4	5.1	120.9	19.2	9.8	A N	674
	6741	4ACSR	18.7	12.5	0.0	A	N	46	13	7	5	46	12	7	97	0.2	5.2	120.8	0.1	-0.2	A N	6741
	6742	4ACSR	15.0	12.5	0.0	A	N	0	0	0	51	497	135	71	96	0.8	5.9	120.1	3.1	1.6	A N	6742
	6743	4ACSR	20.9	12.5	0.0	A	N	57	15	8	6	57	15	8	97	0.2	6.1	119.9	0.1	-0.2	A N	6743
	6744	4ACSR	17.1	12.5	0.0	A	N	93	25	13	45	437	119	63	97	1.1	7.0	119.0	3.5	1.8	A N	6744
	668	4ACSR	20.2	12.5	0.0	A	N	53	14	8	8	74	20	11	97	0.2	7.2	118.8	0.1	-0.1	A N	668
	6681	4ACSR	24.1	12.5	0.0	A	N	21	6	3	2	21	5	3	97	0.1	7.3	118.7	0.0	-0.2	A N	6681
L	673	4ACSR	21.2	12.5	0.0	A	N	160	43	23	28	266	72	39	97	1.1	8.1	117.9	1.9	0.8	A N	673
L	6731	4ACSR	26.3	12.5	0.0	A	N	105	28	15	11	105	28	15	97	0.4	8.5	117.5	0.3	-0.1	A N	6731
	676	4ACSR	9.6	12.5	0.0	A	N	46	13	6	12	126	34	17	97	0.4	0.2	125.8	0.3	0.0	A N	676
	6761	4ACSR	11.3	12.5	0.0	A	N	31	8	4	3	31	8	4	97	0.0	0.3	125.7	0.0	-0.1	A N	6761
	6762	4ACSR	13.2	12.5	0.0	A	N	48	13	7	5	48	13	7	97	0.1	0.3	125.7	0.0	-0.2	A N	6762
	711	6ACWC	11.7	12.5	0.0	A	N	52	14	7	8	85	22	12	97	0.4	0.2	125.8	0.2	-0.2	A N	711
	7111	6ACWC	17.5	12.5	0.0	A	N	23	6	3	3	32	8	4	97	0.1	0.3	125.7	0.0	-0.3	A N	7111
	7112	6ACWC	21.6	12.5	0.0	A	N	9	2	1	1	9	2	1	97	0.0	0.3	125.7	0.0	-0.2	A N	7112

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********** Load-Flow Results For Bowen Ckt 1 **********
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Bowen Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder		12.5	0.0	ABCN					1879	507	86	97			126.0			ABCN	Feeder
	771	397ACSR 3.2	12.5	0.0	ABCN	19	4	1	15	1879	507	86	97	0.4	0.4	125.6	3.5	7.7	ABCN	771
	7711	397ACSR 4.5	12.5	0.0	ABCN	12	2	1	14	1856	496	85	97	0.1	0.5	125.5	1.4	3.1	ABCN	7711
	77110	1/0EPR 5.6	12.5	0.0	ABCN	0	0	0	31	1391	160	62	99	1.3	1.8	124.2	12.6	12.8	ABCN	77110
	77111	336ACSR 9.0	12.5	0.0	ABCN	4	1	0	12	1379	147	62	99	0.2	2.0	124.0	2.2	4.0	ABCN	77111
	772	1/0ACSR 9.8	12.5	0.0	ABCN	12	2	1	0	12	2	1	98	0.0	2.0	124.0	0.0	-0.1	ABCN	772
	77200	4ACSR 12.4	12.5	0.0	ABCN	18	3	1	44	1361	140	61	99	1.7	3.7	122.3	18.4	5.5	ABCN	77200
	774	4ACSR 16.3	12.5	0.0	ABCN	38	7	2	43	1311	129	60	100	1.9	5.7	120.3	20.1	6.0	ABCN	774
	7741	336ACSR 21.9	12.5	0.0	ABCN	50	9	2	10	1102	88	51	100	0.3	6.0	120.0	2.4	4.0	ABCN	7741
	777	1/0ACSR 26.1	12.5	0.0	ABCN	26	5	1	21	1050	74	49	100	0.7	6.7	119.3	6.1	3.9	ABCN	777
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 777																				
	ABCN : Tap = 9				RAISE															
	Regulator		26.1	12.5	0.0	ABCN				47	1017	65	47	100	-6.7	0.0	126.0	0.0	0.0	ABCN	Regulator
	77701	4ACSR 27.9	12.5	0.0	ABCN	64	5	3	25	787	35	35	100	0.5	0.5	125.5	3.0	0.7	ABCN	77701
	1003	4ACSR 32.1	12.5	0.0	ABCN	97	12	4	23	720	29	32	100	1.0	1.5	124.5	5.6	1.1	ABCN	1003
	1005	6ACWC 33.6	12.5	0.0	ABCN	37	7	2	20	617	15	28	100	0.3	1.8	124.2	1.5	0.3	ABCN	1005
	10053	6ACWC 34.8	12.5	0.0	ABCN	68	3	3	2	68	3	3	100	0.0	1.9	124.1	0.0	-0.2	ABCN	10053
	10054	1/0ACSR 37.4	12.5	0.0	ABCN	13	2	1	10	510	5	23	100	0.3	2.2	123.8	1.2	0.2	ABCN	10054
	10051	4ACSR 39.9	12.5	0.0	ABCN	491	0	22	16	494	1	22	100	0.2	2.4	123.6	3.0	1.1	ABCN	10051
	10052	4ACSR 43.0	12.5	0.0	AB N	0	0	0	0	0	-0	0	0	-0.0	2.5	123.5	0.0	-0.3	AB N	10052
	7771	1/0ACSR 26.5	12.5	0.0	ABCN	52	0	2	4	230	30	10	99	0.0	0.0	126.0	0.0	-0.1	ABCN	7771
	77700	1/0ACSR 28.0	12.5	0.0	ABCN	18	3	1	3	158	27	7	99	0.0	0.1	125.9	0.0	-0.3	ABCN	77700
	1004	2ACSR 36.4	12.5	0.0	A N	3	1	0	10	140	23	19	99	1.1	1.3	124.7	1.1	0.3	A N	1004
	1008	2ACSR 44.3	12.5	0.0	A N	135	23	18	10	136	23	18	99	0.5	1.8	124.2	0.5	-0.1	A N	1008
	77702	2ACSR 30.2	12.5	0.0	A N	20	4	3	1	20	4	3	98	0.0	0.2	125.8	0.0	-0.2	A N	77702
	77400	4ACSR 18.2	12.5	0.0	ABCN	65	12	3	5	151	28	7	98	0.1	5.8	120.2	0.1	-0.3	ABCN	77400
	775	4ACSR 29.1	12.5	0.0	A N	85	16	12	9	85	16	12	98	0.6	6.5	119.5	0.4	-0.3	A N	775
	77201	4ACSR 15.0	12.5	0.0	A N	13	3	2	1	13	2	2	98	0.0	3.8	122.2	0.0	-0.1	A N	77201
	773	4ACSR 9.8	12.5	0.0	A N	30	6	4	53	451	330	74	81	3.7	4.3	121.7	14.6	7.4	A N	773
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 773																				
	A N : Tap = 5				RAISE															
	Regulator		9.8	12.5	0.0	A N				71	406	317	71	79	-3.8	0.5	125.5	0.0	0.0	A N	Regulator
	776	4ACSR 16.5	12.5	0.0	A N	25	5	3	49	406	317	68	79	4.4	4.9	121.1	16.0	8.1	A N	776
	1001	4ACSR 17.8	12.5	0.0	A N	29	5	4	20	197	36	28	98	0.3	5.2	120.8	0.4	0.2	A N	1001
	10011	4ACSR 21.3	12.5	0.0	A N	50	9	7	17	168	31	24	98	0.7	5.9	120.1	0.8	0.2	A N	10011
	10012	4ACSR 25.0	12.5	0.0	A N	9	2	1	11	114	20	16	98	0.5	6.4	119.6	0.5	0.1	A N	10012
	1000	4ACSR 30.8	12.5	0.0	A N	24	5	3	10	104	18	15	98	0.7	7.1	118.9	0.5	0.0	A N	1000
	10001	4ACSR 37.0	12.5	0.0	A N	12	2	2	8	79	14	11	98	0.6	7.7	118.3	0.4	-0.1	A N	10001
	10002	4ACSR 46.8	12.5	0.0	A N	26	5	4	3	26	4	4	99	0.2	7.9	118.1	0.0	-0.4	A N	10002
L	10003	4ACSR 48.4	12.5	0.0	A N	41	8	6	4	41	7	6	98	0.3	8.1	117.9	0.1	-0.5	A N	10003
	10013	4ACSR 27.7	12.5	0.0	A N	4	1	1	0	4	1	1	99	0.0	5.9	120.1	0.0	-0.3	A N	10013
	1002	4ACSR 23.1	12.5	0.0	A N	23	4	3	31	168	268	44	53	2.4	7.2	118.8	6.4	3.0	A N	1002
	1006	4ACSR 27.8	12.5	0.0	A N	15	3	2	1	15	3	2	99	0.0	7.3	118.7	0.0	-0.2	A N	1006
L	1007	4ACSR 29.4	12.5	0.0	A N	16	3	2	29	124	258	40	43	2.0	9.2	116.8	5.3	2.5	A N	1007
L	1009	4ACSR 32.8	12.5	0.0	A N	7	1	1	26	67	246	36	26	0.8	10.0	116.0	2.4	1.1	A N	1009
L	1012	4ACSR 33.3	12.5	0.0	A N	2	11	2	26	57	244	36	23	0.1	10.2	115.8	0.3	0.1	A N	1012
L	10121	4ACSR 36.6	12.5	0.0	A N	2	8	1	25	55	233	34	23	0.7	10.9	115.1	2.0	0.9	A N	10121
L	781	4ACSR 41.0	12.5	0.0	A N	31	139	21	16	34	149	22	22	0.3	11.2	114.8	0.6	0.1	A N	781
L	780	2ACSR 45.5	12.5	0.0	A N	0	0	0	0	0	-0	0	-22	0.0	11.2	114.8	0.0	-0.8	A N	780
L	1014	4ACSR 44.7	12.5	0.0	A N	2	10	2	1	2	10	1	22	0.0	11.2	114.8	0.0	-0.2	A N	1014
L	782	4ACSR 41.6	12.5	0.0	A N	0	1	0	8	17	75	11	23	0.4	11.2	114.8	0.3	-0.0	A N	782
L	7821	4ACSR 46.7	12.5	0.0	A N	1	4	1	8	17	73	11	22	0.4	11.6	114.4	0.3	-0.1	A N	7821
L	7822	4ACSR 54.1	12.5	0.0	A N	13	57	9	6	13	57	9	22	0.2	11.8	114.2	0.1	-0.2	A N	7822
L	7823	4ACSR 52.9	12.5	0.0	A N	3	12	2	1	3	12	2	22	0.0	11.6	114.4	0.0	-0.3	A N	7823
L	10111	4ACSR 30.9	12.5	0.0	A N	2	0	0	4	35	6	5	98	0.1	9.3	116.7	0.0	-0.1	A N	10111
	1011	4ACSR 39.9	12.5	0.0	A N	33	6	5	3	33	6	5	98	0.2	9.5	116.5	0.1	-0.4	A N	1011

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********** Load-Flow Results For Bowen Ckt 2 **********
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Bowen Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Phs Section
Feeder			12.5	0.0	ABCN					883	-581	47	-84			126.0			ABCN	Feeder
768	4ACSR	2.7	12.5	0.0	ABCN	310	-618	31	33	883	-581	47	-84	0.6	0.6	125.4	6.5	1.9	ABCN	768
Capacitor (Wye-Gnd Connected) at Center of Section 768																				
	ABCN : Nominal = 600 kvar Actual = 658 kvar																			
77011	4ACSR	3.3	12.5	0.0	ABCN	534	4	24	18	565	33	25	100	0.1	0.7	125.3	0.8	0.3	ABCN	77011
770	4ACSR	9.7	12.5	0.0	A N	23	23	4	4	31	29	6	72	0.2	1.4	124.6	0.1	-0.3	A N	770
7701	4ACSR	14.7	12.5	0.0	A N	2	2	0	1	8	7	1	74	0.1	1.5	124.5	0.0	-0.2	A N	7701
7702	4ACSR	19.7	12.5	0.0	A N	5	5	1	1	5	4	1	73	0.0	1.5	124.5	0.0	-0.2	A N	7702
7703	4ACSR	19.4	12.5	0.0	A N	1	1	0	0	1	1	0	79	0.0	1.5	124.5	0.0	-0.2	A N	7703

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********** Load-Flow Results For Bowen Ckt 3 **********
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Bowen Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1598	337	72	98			126.0			ABCN	Feeder
	767	4ACSR	6.0	12.5	0.0	ABCN	99	21	5	51	1598	337	72	98	3.5	3.5	122.5	42.7	13.1	ABCN	767
	766	397ACSR	8.4	12.5	0.0	ABCN	0	0	0	9	1121	248	52	98	0.2	3.7	122.3	1.0	1.8	ABCN	766
	753	1/0CU	12.4	12.5	0.0	ABCN	17	4	1	13	897	201	42	98	0.4	4.1	121.9	2.3	2.1	ABCN	753
	765	1/0CU	18.0	12.5	0.0	ABCN	10	2	0	11	732	166	34	98	0.5	4.5	121.5	2.2	1.7	ABCN	765
	760	1/0CU	21.8	12.5	0.0	ABCN	0	-0	0	10	652	149	31	98	0.3	4.8	121.2	1.2	0.8	ABCN	760
	761	4ACSR	25.1	12.5	0.0	A N	19	4	3	66	650	147	92	98	2.9	8.0	118.0	14.4	7.4	A N	761
L	762	4ACSR	25.9	12.5	0.0	A N	21	4	3	64	617	135	89	98	0.7	8.7	117.3	3.2	1.7	A N	762
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 762																				
	A N : Tap = 12 RAISE																				
H	Regulator		25.9	12.5	0.0	A N				86	592	129	86	98	-8.8	-0.1	126.1	0.0	-0.0	A N	Regulator
H	7621	4ACSR	27.7	12.5	0.0	A N	14	3	2	1	14	3	2	98	0.0	-0.1	126.1	0.0	-0.1	A N	7621
	7622	4ACSR	30.7	12.5	0.0	A N	160	34	22	56	579	126	78	98	3.1	3.0	123.0	11.8	6.0	A N	7622
	7624	4ACSR	35.9	12.5	0.0	A N	61	13	8	27	273	58	38	98	1.7	4.6	121.4	3.1	1.4	A N	7624
	7625	4ACSR	41.6	12.5	0.0	A N	142	30	20	21	209	44	29	98	1.1	5.7	120.3	1.4	0.5	A N	7625
	7626	4ACSR	47.5	12.5	0.0	A N	65	14	9	7	66	14	9	98	0.3	6.0	120.0	0.1	-0.2	A N	7626
	7623	4ACSR	33.3	12.5	0.0	A N	134	28	19	13	134	28	19	98	0.2	3.2	122.8	0.2	-0.0	A N	7623
	751	4ACSR	23.6	12.5	0.0	A N	53	11	8	7	67	14	9	98	0.3	5.1	120.9	0.1	-0.2	A N	751
	7511	4ACSR	29.9	12.5	0.0	A N	13	3	2	1	13	3	2	98	0.1	5.2	120.8	0.0	-0.3	A N	7511
	752	1/0CU	18.5	12.5	0.0	ABCN	5	1	0	2	145	29	7	98	0.1	4.2	121.8	0.1	-1.0	ABCN	752
	746	4ACSR	23.9	12.5	0.0	A N	66	14	9	14	139	29	20	98	0.8	5.3	120.7	0.7	0.1	A N	746
	7461	4ACSR	28.4	12.5	0.0	A N	15	3	2	7	72	15	10	98	0.4	5.6	120.4	0.2	-0.1	A N	7461
	7462	4ACSR	34.5	12.5	0.0	A N	57	12	8	6	57	12	8	98	0.2	5.9	120.1	0.1	-0.2	A N	7462
	7531	4ACSR	9.9	12.5	0.0	ABCN	15	3	1	7	223	44	10	98	0.1	3.8	122.2	0.2	-0.2	ABCN	7531
	754	4ACSR	13.2	12.5	0.0	A N	41	9	6	21	207	41	29	98	0.8	4.9	121.1	1.2	0.5	A N	754
	7541	4ACSR	16.7	12.5	0.0	A N	28	6	4	16	164	32	23	98	0.7	5.6	120.4	0.8	0.3	A N	7541
	7542	4ACSR	24.4	12.5	0.0	A N	27	6	4	14	136	26	19	98	1.3	6.9	119.1	1.2	0.3	A N	7542
	7543	2ACSR	28.0	12.5	0.0	A N	14	3	2	8	107	20	15	98	0.4	7.3	118.7	0.3	0.0	A N	7543
	7544	2ACSR	32.8	12.5	0.0	A N	0	0	0	7	93	17	13	98	0.4	7.7	118.3	0.3	-0.0	A N	7544
	755	4ACSR	42.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-6	-0.0	7.7	118.3	0.0	-0.4	A N	755
	756	4ACSR	34.2	12.5	0.0	A N	8	2	1	9	92	17	13	98	0.2	7.9	118.1	0.1	-0.0	A N	756
	7561	4ACSR	41.0	12.5	0.0	A N	18	4	3	2	18	4	3	98	0.1	7.9	118.1	0.0	-0.3	A N	7561
L	7562	4ACSR	42.6	12.5	0.0	A N	2	0	0	7	66	12	9	98	0.7	8.6	117.4	0.4	-0.2	A N	7562
L	7563	2ACSR	49.4	12.5	0.0	A N	7	1	1	5	64	12	9	98	0.4	9.0	117.0	0.2	-0.2	A N	7563
L	7564	2ACSR	53.8	12.5	0.0	A N	0	0	0	5	56	10	8	98	0.2	9.3	116.7	0.1	-0.1	A N	7564
L	7565	4ACSR	59.6	12.5	0.0	A N	0	0	0	6	56	10	8	98	0.4	9.7	116.3	0.2	-0.1	A N	7565
L	11311	4ACSR	64.9	12.5	0.0	A N	29	6	4	3	29	5	4	98	0.1	9.8	116.2	0.0	-0.2	A N	11311
L	1131	4ACSR	72.9	12.5	0.0	A N	0	0	0	0	0	-1	0	-25	-0.0	9.8	116.2	0.0	-0.3	A N	1131
L	11313	4ACSR	82.7	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	9.8	116.2	0.0	-0.4	A N	11313
L	1132	4ACSR	66.5	12.5	0.0	A N	27	6	4	3	27	5	4	98	0.1	9.8	116.2	0.0	-0.3	A N	1132
	764	4ACSR	8.3	12.5	0.0	ABCN	49	10	2	11	335	55	15	99	0.3	3.8	122.2	0.7	-0.2	ABCN	764
	7641	4ACSR	11.1	12.5	0.0	A N	43	9	6	4	43	9	6	98	0.1	4.2	121.8	0.0	-0.1	A N	7641
	7642	2ACSR	12.6	12.5	0.0	ABCN	94	5	4	6	242	36	11	99	0.2	4.0	122.0	0.4	-0.5	ABCN	7642
	7643	6ACWC	14.0	12.5	0.0	ABCN	2	0	0	5	148	31	7	98	0.1	4.1	121.9	0.1	-0.2	ABCN	7643
	763	6ACWC	17.4	12.5	0.0	A N	68	14	10	10	98	20	14	98	0.3	4.8	121.2	0.2	-0.1	A N	763
	7631	6ACWC	22.0	12.5	0.0	A N	30	6	4	3	30	6	4	98	0.1	4.9	121.1	0.0	-0.2	A N	7631
	7644	2ACSR	20.3	12.5	0.0	A N	47	10	7	4	47	10	7	98	0.1	4.7	121.3	0.1	-0.3	A N	7644

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********** Load-Flow Results For Cave Run Ckt 1 **********
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Cave Run Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					897	137	40	99			126.0			ABCN	Feeder
11024	4/0ACSR	0.4	12.5	0.0	ABCN	0	-0	0	12	897	137	40	99	0.0	0.0	126.0	0.2	0.2	ABCN	11024
1024	4/0ACSR	4.1	12.5	0.0	ABCN	164	31	7	12	896	137	40	99	0.3	0.3	125.7	1.8	1.6	ABCN	1024
10241	4/0ACSR	7.6	12.5	0.0	ABCN	176	33	8	10	731	104	33	99	0.2	0.6	125.4	1.1	0.8	ABCN	10241
10291	4/0ACSR	8.6	12.5	0.0	ABCN	58	11	3	7	554	70	25	99	0.0	0.6	125.4	0.2	0.0	ABCN	10291
1029	4/0ACSR	11.2	12.5	0.0	ABCN	38	7	2	5	416	44	19	99	0.1	0.7	125.3	0.3	-0.2	ABCN	1029
1038	4/0ACSR	18.4	12.5	0.0	ABCN	29	6	1	5	378	37	17	100	0.2	0.9	125.1	0.6	-0.6	ABCN	1038
10381	4/0ACSR	27.4	12.5	0.0	ABCN	0	0	0	5	348	32	16	100	0.3	1.2	124.8	0.7	-0.9	ABCN	10381
1039	1/0EPR	30.9	12.5	0.0	ABCN	0	0	0	4	166	22	7	99	0.5	1.7	124.3	0.6	-0.2	ABCN	1039
1027	1/0EPR	35.4	12.5	0.0	ABCN	0	0	0	1	58	5	3	100	0.2	1.9	124.1	0.1	-0.9	ABCN	1027
10271	1/0EPR	39.6	12.5	0.0	ABCN	49	7	2	1	58	6	3	99	0.1	2.1	123.9	0.1	-0.8	ABCN	10271
1025	2XLP	43.0	12.5	0.0	ABCN	9	1	0	0	9	-0	0	-100	0.0	2.1	123.9	0.0	-0.8	ABCN	1025
1032	1/0EPR	34.9	12.5	0.0	ABCN	37	7	2	2	107	17	5	99	0.3	2.0	124.0	0.2	-0.6	ABCN	1032
10321	1/0EPR	47.8	12.5	0.0	ABCN	0	-0	0	2	70	11	3	99	0.8	2.8	123.2	0.4	-2.5	ABCN	10321
10322	1/0EPR	50.4	12.5	0.0	A N	2	0	0	5	69	13	10	98	0.5	3.7	122.3	0.2	0.1	A N	10322
1031	4ACSR	55.7	12.5	0.0	A N	15	3	2	7	67	12	9	98	0.4	4.2	121.8	0.2	-0.2	A N	1031
10311	4ACSR	59.7	12.5	0.0	A N	52	10	7	5	52	10	7	98	0.1	4.3	121.7	0.1	-0.2	A N	10311
10391	1/0EPR	31.1	12.5	0.0	ABCN	97	10	4	4	180	10	8	100	0.4	1.6	124.4	0.7	-0.1	ABCN	10391
10251	2XLP	33.8	12.5	0.0	ABCN	82	0	4	4	82	-0	4	-100	0.1	1.7	124.3	0.2	-0.4	ABCN	10251
10292	4ACSR	10.9	12.5	0.0	A N	80	15	11	8	80	15	11	98	0.1	0.9	125.1	0.1	-0.1	A N	10292
12024	4/0ACSR	0.5	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.0	ABCN	12024

********** Load-Flow Results For Cave Run Ckt 2 **********

Cave Run Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					943	125	42	99			126.0			ABCN	Feeder
11026	4/0ACSR	0.4	12.5	0.0	ABCN	74	14	3	12	943	125	42	99	0.0	0.0	126.0	0.2	0.2	ABCN	11026
1026	4/0ACSR	1.0	12.5	0.0	ABCN	29	6	1	11	870	111	39	99	0.0	0.1	125.9	0.3	0.3	ABCN	1026
10261	4/0ACSR	1.6	12.5	0.0	ABCN	56	10	3	11	840	106	37	99	0.0	0.1	125.9	0.3	0.2	ABCN	10261
10242	4ACSR	4.8	12.5	0.0	A N	304	50	41	29	305	50	41	99	0.6	0.8	125.2	1.4	0.6	A N	10242
10260	4/0ACSR	3.9	12.5	0.0	ABCN	116	20	5	6	478	45	21	100	0.1	0.2	125.8	0.3	-0.1	ABCN	10260
10262	4/0ACSR	4.2	12.5	0.0	ABCN	0	-0	0	5	362	25	16	100	0.0	0.2	125.8	0.0	-0.0	ABCN	10262
1023	1/0ACSR	7.9	12.5	0.0	ABCN	180	3	8	7	362	25	16	100	0.2	0.4	125.6	0.6	-0.2	ABCN	1023
10231	1/0ACSR	10.7	12.5	0.0	ABCN	7	1	0	1	66	4	3	100	0.0	0.4	125.6	0.0	-0.5	ABCN	10231
10232	1/0EPR	15.7	12.5	0.0	ABCN	59	4	3	1	59	3	3	100	0.1	0.5	125.5	0.2	-1.0	ABCN	10232
10233	4ACSR	9.3	12.5	0.0	ABCN	-0	0	0	4	115	18	5	99	0.1	0.5	125.5	0.1	-0.2	ABCN	10233
1018	1/0ACSR	19.5	12.5	0.0	ABCN	0	0	0	0	0	-4	0	0	-0.0	0.5	125.5	0.0	-2.0	ABCN	1018
10181	1/0ACSR	28.2	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.5	125.5	0.0	-1.7	ABCN	10181
1019	4ACSR	14.8	12.5	0.0	A N	115	22	16	11	115	21	16	98	0.4	1.1	124.9	0.4	-0.1	A N	1019

********** Load-Flow Results For Clay City Ckt 1 **********

Clay City Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3088	713	140	97			126.0			ABCN	Feeder
5604	4/0ACSR	1.8	12.5	0.0	ABCN	4	1	0	41	3088	713	140	97	0.6	0.6	125.4	11.5	14.6	ABCN	5604
560	4/0ACSR	4.5	12.5	0.0	ABCN	58	18	3	41	3072	697	140	98	0.9	1.5	124.5	17.4	22.1	ABCN	560
5601	2ACSR	6.5	12.5	0.0	ABCN	456	4	20	11	457	5	20	100	0.1	1.6	124.4	1.4	0.7	ABCN	5601
5602	4/0ACSR	5.1	12.5	0.0	ABCN	17	5	1	34	2539	652	117	97	0.2	1.6	124.4	2.7	3.4	ABCN	5602
556	4/0ACSR	8.7	12.5	0.0	ABCN	188	59	9	17	1273	249	58	98	0.4	2.1	123.9	3.7	4.1	ABCN	556
5561	4/0ACSR	10.8	12.5	0.0	ABCN	115	36	5	14	1081	185	49	99	0.2	2.3	123.7	1.6	1.6	ABCN	5561
5562	4/0ACSR	13.6	12.5	0.0	ABCN	182	58	9	13	964	147	44	99	0.2	2.5	123.5	1.6	1.5	ABCN	5562
553	4ACSR	14.5	12.5	0.0	ABCN	16	-154	7	25	781	88	35	99	0.3	2.8	123.2	1.8	0.4	ABCN	553
Capacitor (Wye-Gnd Connected) at Center of Section 553																				
	ABCN : Nominal = 150 kvar						Actual = 158 kvar													
5531	4ACSR	20.4	12.5	0.0	A N	29	9	4	3	29	9	4	96	0.1	3.3	122.7	0.0	-0.3	A N	5531
5532	4ACSR	15.0	12.5	0.0	ABCN	9	3	0	25	734	232	35	95	0.1	2.9	123.1	0.7	0.2	ABCN	5532
552	4/0ACSR	17.8	12.5	0.0	ABCN	62	19	3	6	407	127	19	95	0.1	3.1	122.9	0.3	-0.1	ABCN	552
5521	4/0ACSR	19.5	12.5	0.0	A N	73	23	10	3	73	23	10	95	0.0	3.5	122.5	0.0	-0.1	A N	5521
5522	4/0ACSR	20.2	12.5	0.0	A N	48	15	7	2	48	15	7	95	0.0	3.5	122.5	0.0	-0.1	A N	5522
5523	4/0ACSR	19.9	12.5	0.0	ABCN	117	37	6	3	223	69	11	96	0.0	3.1	122.9	0.1	-0.3	ABCN	5523
550	4/0ACSR	22.7	12.5	0.0	ABCN	49	15	2	1	97	29	5	96	0.0	3.1	122.9	0.0	-0.5	ABCN	550
541	4/0ACSR	26.3	12.5	0.0	ABCN	33	11	2	0	33	10	2	96	0.0	3.1	122.9	0.0	-0.7	ABCN	541
542	6ACWC	32.2	12.5	0.0	A N	15	5	2	1	15	4	2	96	0.1	3.7	122.3	0.0	-0.5	A N	542
551	4/0ACSR	20.9	12.5	0.0	A N	8	3	1	0	8	3	1	96	0.0	3.5	122.5	0.0	-0.1	A N	551
554	4ACSR	19.1	12.5	0.0	A N	169	53	24	32	317	101	45	95	1.3	4.6	121.4	2.7	1.2	A N	554
555	4/0ACSR	24.1	12.5	0.0	A N	145	46	21	6	145	46	21	95	0.2	4.8	121.2	0.2	-0.0	A N	555
559	4/0ACSR	5.9	12.5	0.0	ABCN	0	-0	0	14	1018	321	48	95	0.1	1.7	124.3	0.6	0.7	ABCN	559
5591	2ACSR	7.5	12.5	0.0	ABCN	54	14	2	26	1017	321	48	95	0.4	2.2	123.8	3.4	1.4	ABCN	5591
558	4/0ACSR	8.9	12.5	0.0	ABCN	108	34	5	9	649	207	31	95	0.1	2.3	123.7	0.4	0.2	ABCN	558
557	336ACSR	12.5	12.5	0.0	ABCN	117	37	6	5	540	172	25	95	0.1	2.4	123.6	0.4	0.0	ABCN	557
9557	6ACWC	17.3	12.5	0.0	A N	173	55	25	43	422	135	60	95	2.1	4.7	121.3	5.7	3.2	A N	9557
95571	6ACWC	19.8	12.5	0.0	A N	86	27	12	25	244	77	35	95	0.7	5.3	120.7	1.1	0.5	A N	95571
95572	4ACSR	20.6	12.5	0.0	A N	0	0	0	16	157	49	23	95	0.2	5.5	120.5	0.2	0.1	A N	95572
9331	4ACSR	26.6	12.5	0.0	A N	64	20	9	8	74	23	11	95	0.4	5.9	120.1	0.2	-0.2	A N	9331
331	2ACSR	29.9	12.5	0.0	A N	10	3	1	1	10	3	1	96	0.0	5.9	120.1	0.0	-0.2	A N	331
95573	4ACSR	23.7	12.5	0.0	A N	83	26	12	9	83	26	12	95	0.2	5.7	120.3	0.1	-0.1	A N	95573
578	4ACSR	10.0	12.5	0.0	A N	101	32	14	31	310	98	44	95	0.9	3.1	122.9	1.9	0.9	A N	578
5781	4ACSR	13.1	12.5	0.0	A N	80	25	11	8	80	25	11	95	0.2	3.3	122.7	0.1	-0.1	A N	5781
5782	4ACSR	11.9	12.5	0.0	A N	72	23	10	13	127	40	18	95	0.2	3.4	122.6	0.2	0.0	A N	5782
5783	4ACSR	14.2	12.5	0.0	A N	54	17	8	6	54	17	8	95	0.1	3.5	122.5	0.0	-0.1	A N	5783
5603	4/0ACSR	7.7	12.5	0.0	A N	138	44	19	9	229	73	32	95	0.2	1.9	124.1	0.2	0.2	A N	5603
5672	4/0ACSR	9.9	12.5	0.0	A N	91	29	13	4	91	29	13	95	0.1	1.9	124.1	0.0	-0.1	A N	5672

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********** Load-Flow Results For Clay City Ckt 2 **********
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Clay City Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3378	765	153	98			126.0			ABCN	Feeder
56701	4/0ACSR	0.1	12.5	0.0	ABCN	0	-0	0	45	3378	765	153	98	0.0	0.0	126.0	1.0	1.3	ABCN	56701
567	4/0ACSR	1.8	12.5	0.0	ABCN	6	2	0	44	3291	737	149	98	0.6	0.6	125.4	12.2	15.5	ABCN	567
5671	4/0ACSR	4.4	12.5	0.0	ABCN	7	2	0	44	3273	720	148	98	0.9	1.6	124.4	19.8	25.3	ABCN	5671
571	4/0ACSR	7.9	12.5	0.0	ABCN	201	-143	11	44	3246	692	148	98	1.2	2.7	123.3	24.4	31.1	ABCN	571
Capacitor (Wye-Gnd Connected) at Center of Section 571																				
	ABCN : Nominal = 150 kvar Actual = 160 kvar																			
5710	4/0ACSR	8.2	12.5	0.0	ABCN	4	1	0	19	1412	320	65	98	0.0	2.8	123.2	0.4	0.5	ABCN	5710
5711	4/0ACSR	8.5	12.5	0.0	ABCN	79	15	4	18	1356	302	63	98	0.1	2.8	123.2	0.4	0.5	ABCN	5711
573	4/0ACSR	10.6	12.5	0.0	ABCN	169	26	8	17	1276	286	59	98	0.3	3.1	122.9	2.2	2.5	ABCN	573
5731	4/0ACSR	11.1	12.5	0.0	ABCN	112	35	5	7	513	155	24	96	0.0	3.1	122.9	0.1	0.0	ABCN	5731
5758	4/0ACSR	11.4	12.5	0.0	ABCN	41	10	2	6	401	121	19	96	0.0	3.1	122.9	0.0	-0.0	ABCN	5758
5755	4/0ACSR	12.1	12.5	0.0	A N	40	12	6	2	40	12	6	96	0.0	3.3	122.7	0.0	-0.0	A N	5755
5757	4/0ACSR	11.8	12.5	0.0	ABCN	5	1	0	3	197	60	9	96	0.0	3.2	122.8	0.0	-0.1	ABCN	5757
5751	6ACWC	12.7	12.5	0.0	A N	39	12	6	4	39	12	6	96	0.0	3.4	122.6	0.0	-0.0	A N	5751
5754	6ACWC	12.3	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	3.1	122.9	0.0	-0.1	BCN	5754
5756	4/0ACSR	12.1	12.5	0.0	ABCN	6	2	0	2	152	47	7	96	0.0	3.2	122.8	0.0	-0.1	ABCN	5756
575	4/0ACSR	13.0	12.5	0.0	ABCN	99	31	5	1	99	30	5	96	0.0	3.2	122.8	0.0	-0.2	ABCN	575
5750	6ACWC	13.0	12.5	0.0	A N	47	15	7	5	47	14	7	96	0.0	3.4	122.6	0.0	-0.0	A N	5750
5753	6ACWC	12.8	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	3.1	122.9	0.0	-0.1	BCN	5753
5752	6ACWC	12.2	12.5	0.0	AB N	123	38	9	6	123	38	9	96	0.0	3.2	122.8	0.1	-0.0	AB N	5752
5732	336ACSR	12.3	12.5	0.0	ABCN	206	15	9	4	457	66	21	99	0.0	3.1	122.9	0.1	-0.1	ABCN	5732
5733	4/0ACSR	13.4	12.5	0.0	A N	57	13	8	2	57	13	8	97	0.0	3.4	122.6	0.0	-0.1	A N	5733
5734	336ACSR	14.0	12.5	0.0	ABCN	194	38	9	2	194	38	9	98	0.0	3.1	122.9	0.1	-0.2	ABCN	5734
5735	4/0ACSR	11.6	12.5	0.0	A N	134	36	19	6	134	36	19	97	0.0	3.3	122.7	0.0	-0.0	A N	5735
5691	4ACSR	10.0	12.5	0.0	A N	51	16	7	5	51	16	7	96	0.1	3.0	123.0	0.0	-0.1	A N	5691
605	6ACWC	9.2	12.5	0.0	ABCN	24	7	1	54	1608	484	76	96	0.8	3.5	122.5	10.0	3.2	ABCN	605
6053	6ACWC	11.2	12.5	0.0	ABCN	13	4	1	49	1445	434	68	96	1.1	4.7	121.3	13.3	4.2	ABCN	6053
568	6ACWC	11.7	12.5	0.0	ABCN	1	0	0	20	598	179	29	96	0.1	4.8	121.2	0.5	0.1	ABCN	568
6052	6ACWC	12.8	12.5	0.0	ABCN	111	25	5	4	112	25	5	98	0.0	4.8	121.2	0.1	-0.1	ABCN	6052
566	1/0ACSR	13.4	12.5	0.0	A N	66	20	10	30	484	153	70	95	0.6	5.5	120.5	1.9	1.9	A N	566
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 566																				
	A N : Tap = 7 RAISE																			
Regulator			13.4	12.5	0.0	A N				60	416	131	60	95	-5.3	0.2	125.7	-0.0	0.0	A N	Regulator
5663	1/0ACSR	17.8	12.5	0.0	A N	57	17	8	25	416	131	58	95	1.3	1.5	124.5	3.3	3.1	A N	5663
5662	1/0ACSR	19.8	12.5	0.0	A N	27	8	4	19	311	96	44	96	0.5	2.0	124.0	0.9	0.8	A N	5662
368	1/0ACSR	27.3	12.5	0.0	A N	24	7	3	14	229	71	32	96	1.2	3.2	122.8	1.8	1.5	A N	368
354	4ACSR	30.0	12.5	0.0	A N	48	15	7	12	118	36	17	96	0.4	3.6	122.4	0.3	0.0	A N	354
3541	4ACSR	35.5	12.5	0.0	A N	60	18	9	7	69	21	10	96	0.3	3.9	122.1	0.1	-0.2	A N	3541
3542	4ACSR	38.1	12.5	0.0	A N	9	3	1	1	9	3	1	96	0.0	3.9	122.1	0.0	-0.1	A N	3542
565	4ACSR	33.4	12.5	0.0	A N	85	26	12	9	86	26	12	96	0.4	3.6	122.4	0.2	-0.2	A N	565
569	4ACSR	24.9	12.5	0.0	A N	55	17	8	5	55	17	8	96	0.2	2.2	123.8	0.1	-0.2	A N	569
5661	6ACWC	20.3	12.5	0.0	A N	45	14	6	5	45	14	6	96	0.1	1.6	124.4	0.0	-0.1	A N	5661
604	6ACWC	11.9	12.5	0.0	ABCN	16	5	1	28	820	246	39	96	0.2	4.9	121.1	1.4	0.4	ABCN	604
6043	1/0ACSR	14.0	12.5	0.0	ABCN	98	30	5	15	730	218	35	96	0.3	5.2	120.8	1.5	0.7	ABCN	6043
6042	1/0ACSR	17.2	12.5	0.0	A N	101	23	14	6	101	23	14	97	0.1	5.5	120.5	0.1	-0.1	A N	6042
606	4ACSR	15.3	12.5	0.0	A N	23	7	3	27	258	79	37	96	0.5	5.8	120.2	0.9	0.4	A N	606
6061	4ACSR	17.1	12.5	0.0	A N	96	30	14	10	96	30	14	96	0.1	5.9	120.1	0.1	-0.0	A N	6061
6062	4ACSR	18.9	12.5	0.0	A N	87	27	13	14	138	42	20	96	0.5	6.3	119.7	0.4	0.1	A N	6062
60621	2ACSR	22.6	12.5	0.0	A N	50	15	7	4	50	15	7	96	0.1	6.4	119.6	0.0	-0.2	A N	60621
607	4ACSR	16.3	12.5	0.0	A N	51	16	7	28	271	83	39	96	0.8	6.2	119.8	1.6	0.7	A N	607
6071	4ACSR	23.1	12.5	0.0	A N	72	22	10	7	72	22	10	96	0.4	6.5	119.5	0.2	-0.2	A N	6071
6072	4ACSR	23.1	12.5	0.0	A N	146	45	21	15	147	45	21	96	0.7	6.9	119.1	0.8	0.1	A N	6072
6041	1/0ACSR	14.0	12.5	0.0	A N	73	22	10	5	73	22	10	96	0.1	5.1	120.9	0.0	-0.1	A N	6041
6051	6ACWC	12.3	12.5	0.0	A N	129	40	18	13	129	40	18	96	0.3	3.9	122.1	0.3	0.0	A N	6051
561	6ACWC	3.5	12.5	0.0	A N	86	26	12	9	86	26	12	96	0.2	0.2	125.8	0.1	-0.1	A N	561

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********** Load-Flow Results For Clay City Ckt 3 **********
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Clay City Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					318	-300	19	-73			126.0			ABCN	Feeder
H	58001	336ACSR	1.3	12.5	0.0	ABCN	318	-300	19	4	318	-300	19	-73	-0.0	-0.0	126.0	0.1	-0.0	ABCN	58001

Capacitor (Wye-Gnd Connected) at Center of Section 58001
ABCN : Nominal = 300 kvar Actual = 331 kvar

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********** Load-Flow Results For Clay City Ckt 4 **********
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Clay City Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					4876	1192	221	97			126.0			ABCN	Feeder
	580	336ACSR	2.8	12.5	0.0	ABCN	-0	-0	0	42	4876	1192	221	97	0.9	0.9	125.1	24.2	50.1	ABCN	580
	5801	336ACSR	5.4	12.5	0.0	ABCN	7	2	0	40	4621	1080	211	97	0.8	1.6	124.4	19.9	41.3	ABCN	5801
	528	336ACSR	6.8	12.5	0.0	ABCN	14	4	1	5	589	161	27	96	0.1	1.7	124.3	0.2	0.1	ABCN	528
	525	6ACWC	9.5	12.5	0.0	A N	32	9	4	45	452	124	63	96	1.5	3.2	122.8	5.0	2.8	A N	525
	5251	6ACWC	10.5	12.5	0.0	A N	90	24	13	9	90	24	13	97	0.1	3.3	122.7	0.0	-0.0	A N	5251
	5252	6ACWC	15.3	12.5	0.0	A N	180	49	26	33	325	88	46	96	1.7	5.0	121.0	3.5	1.8	A N	5252
	5253	6ACWC	20.5	12.5	0.0	A N	89	24	13	14	142	38	20	97	0.7	5.6	120.4	0.6	0.1	A N	5253
	5254	6ACWC	25.4	12.5	0.0	A N	52	14	8	5	53	14	8	97	0.2	5.8	120.2	0.1	-0.2	A N	5254
	9525	6ACWC	10.2	12.5	0.0	A N	122	33	17	12	122	33	17	97	0.3	2.0	124.0	0.2	-0.0	A N	9525
	574	336ACSR	7.7	12.5	0.0	ABCN	38	10	2	35	4005	876	183	98	0.6	2.2	123.8	13.2	27.1	ABCN	574
	5759	4/0ACSR	7.8	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.0	ABCN	5759
	576	4/0ACSR	12.1	12.5	0.0	ABCN	60	16	3	53	3953	839	181	98	1.8	4.0	122.0	47.8	61.4	ABCN	576
	5761	4/0ACSR	14.5	12.5	0.0	ABCN	26	7	1	51	3703	723	172	98	0.9	5.0	121.0	23.6	30.3	ABCN	5761
	5763	336ACSR	16.8	12.5	0.0	ABCN	47	13	2	28	3227	602	151	98	0.5	5.4	120.6	8.9	18.3	ABCN	5763
	57631	336ACSR	16.8	12.5	0.0	ABCN	13	3	1	28	3171	571	148	98	0.0	5.4	120.6	0.2	0.4	ABCN	57631
	5764	336ACSR	17.2	12.5	0.0	ABCN	10	3	0	0	10	3	0	97	0.0	5.4	120.6	0.0	-0.1	ABCN	5764
	5765	336ACSR	18.1	12.5	0.0	ABCN	213	49	10	28	3148	564	147	98	0.2	5.7	120.3	4.5	9.1	ABCN	5765
	5766	336ACSR	19.3	12.5	0.0	ABCN	130	34	6	26	2931	506	137	99	0.2	5.9	120.1	3.9	8.0	ABCN	5766
	5767	336ACSR	21.5	12.5	0.0	ABCN	89	18	4	1	89	18	4	98	0.0	5.9	120.1	0.0	-0.4	ABCN	5767
	57661	336ACSR	19.7	12.5	0.0	ABCN	17	5	1	0	17	5	1	97	0.0	5.9	120.1	0.0	-0.1	ABCN	57661
	602	1/0ACSR	22.3	12.5	0.0	ABCN	279	57	13	55	2690	441	126	99	1.4	7.3	118.7	27.3	20.3	ABCN	602
L	610	1/0ACSR	24.3	12.5	0.0	ABCN	7	2	0	49	2384	364	113	99	0.9	8.2	117.8	16.7	12.3	ABCN	610
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 610																				
	ABCN : Tap = 10 RAISE																				
C	Regulator		24.3	12.5	0.0	ABCN				113	2361	350	113	99	-7.6	0.6	125.4	0.0	0.0	ABCN	Regulator
	6101	1/0ACSR	28.9	12.5	0.0	ABCN	128	35	6	46	2361	349	106	99	1.8	2.4	123.6	31.1	22.7	ABCN	6101
	6102	1/0ACSR	31.5	12.5	0.0	ABCN	40	11	2	43	2201	292	100	99	1.0	3.4	122.6	15.9	11.5	ABCN	6102
	635	1/0ACSR	35.4	12.5	0.0	ABCN	110	-281	14	36	1799	173	82	100	1.2	4.6	121.4	16.2	11.5	ABCN	635
	Capacitor (Wye-Gnd Connected) at Center of Section 635																				
	ABCN : Nominal = 300 kvar Actual = 310 kvar																				
	6361	1/0ACSR	36.4	12.5	0.0	ABCN	3	1	0	26	1241	322	59	97	0.2	4.8	121.2	2.2	1.5	ABCN	6361
	636	1/0ACSR	39.5	12.5	0.0	ABCN	75	20	4	25	1236	319	59	97	0.7	5.6	120.4	6.5	4.3	ABCN	636
	637	1/0ACSR	42.5	12.5	0.0	ABCN	62	17	3	16	762	195	36	97	0.4	6.0	120.0	2.3	1.3	ABCN	637
	6371	1/0ACSR	45.3	12.5	0.0	A N	147	40	21	9	147	40	21	97	0.2	6.5	119.5	0.2	0.0	A N	6371
	6372	1/0ACSR	46.8	12.5	0.0	ABCN	186	34	9	11	550	135	26	97	0.4	6.4	119.6	1.6	0.6	ABCN	6372
	6373	1/0ACSR	51.2	12.5	0.0	ABCN	166	45	8	8	363	99	17	96	0.2	6.6	119.4	0.8	-0.1	ABCN	6373
	6401	1/0ACSR	54.8	12.5	0.0	A N	99	27	14	6	99	27	14	97	0.1	7.5	118.5	0.1	-0.1	A N	6401
	640	4ACSR	57.9	12.5	0.0	A N	95	26	14	10	95	26	14	97	0.5	7.8	118.2	0.3	-0.1	A N	640
	641	4ACSR	43.3	12.5	0.0	A N	7	2	1	40	392	97	56	97	2.0	7.8	118.2	6.1	3.0	A N	641
L	6411	4ACSR	44.8	12.5	0.0	A N	1	0	0	39	379	92	55	97	0.8	8.7	117.3	2.4	1.2	A N	6411
L	6413	4ACSR	51.6	12.5	0.0	A N	104	28	16	30	282	77	42	97	2.2	10.9	115.1	4.3	2.0	A N	6413
L	6414	4ACSR	55.2	12.5	0.0	A N	141	38	21	19	173	46	26	97	0.5	11.4	114.6	0.7	0.2	A N	6414
L	64141	4ACSR	58.0	12.5	0.0	A N	0	0	0	3	32	8	5	97	0.1	11.6	114.4	0.0	-0.1	A N	64141
L	6415	4ACSR	59.2	12.5	0.0	A N	17	5	3	2	17	5	3	97	0.0	11.6	114.4	0.0	-0.1	A N	6415
L	646	4ACSR	65.2	12.5	0.0	A N	14	4	2	2	14	3	2	97	0.1	11.6	114.4	0.0	-0.3	A N	646
L	6412	4ACSR	51.5	12.5	0.0	A N	93	14	13	10	93	14	13	99	0.4	9.1	116.9	0.3	-0.1	A N	6412
	634	4ACSR	41.1	12.5	0.0	A N	170	46	25	44	432	118	62	96	2.7	7.5	118.5	7.8	3.8	A N	634
L	6341	4ACSR	45.1	12.5	0.0	A N	166	45	24	26	254	68	37	97	1.0	8.5	117.5	1.7	0.7	A N	6341
L	6342	4ACSR	55.6	12.5	0.0	A N	86	23	13	9	86	23	13	97	0.7	9.2	116.8	0.5	-0.2	A N	6342
	633	4ACSR	37.9	12.5	0.0	A N	44	12	6	35	347	95	49	96	2.9	6.3	119.7	7.2	3.5	A N	633
	6331	4ACSR	42.1	12.5	0.0	A N	41	11	6	16	151	41	22	97	0.8	7.1	118.9	0.8	0.2	A N	6331
	6334	4ACSR	44.0	12.5	0.0	A N	31	8	5	3	31	8	5	97	0.0	7.1	118.9	0.0	-0.1	A N	6334
	6335	4ACSR	44.5	12.5	0.0	A N	79	21	11	8	79	21	11	97	0.1	7.2	118.8	0.1	-0.1	A N	6335
	6336	4ACSR	40.9	12.5	0.0	A N	66	18	10	15	145	39	21	97	0.5	6.8	119.2	0.4	0.1	A N	6336
	6332	4ACSR	42.4	12.5	0.0	A N	26	7	4	3	26	7	4	97	0.0	6.8	119.2	0.0	-0.1	A N	6332
	6333	4ACSR	43.3	12.5	0.0	A N	53	14	8	5	53	14	8	97	0.1	6.9	119.1	0.0	-0.1	A N	6333
	6788	336ACSR	23.6	12.5	0.0	ABCN	28	8	1	0	28	6	1	98	0.0	5.0	121.0	0.0	-1.8	ABCN	6788
	678	336ACSR	16.4	12.5	0.0	ABCN	0	0	0	4	399	78	19	98	0.0	5.0	121.0	0.1	-0.1	ABCN	678
	6782	336ACSR	19.4	12.5	0.0	ABCN	27	7	1	2	240	35	11	99	0.0	5.1	120.9	0.1	-0.5	ABCN	6782
	6786	336ACSR	22.0	12.5	0.0	ABCN	111	2	5	1	123	4	6	100	0.0	5.1	120.9	0.0	-0.4	ABCN	6786

Clay City Ckt 4

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6787	4ACSR	23.2	12.5	0.0	AB	N	12	3	1	1	12	3	1	97	0.0	5.1	120.9	0.0	-0.1	AB N	6787
6783	4ACSR	21.0	12.5	0.0	A	N	12	3	2	9	91	24	13	97	0.2	5.3	120.7	0.1	-0.0	A N	6783
6784	4ACSR	23.2	12.5	0.0	A	N	22	6	3	8	79	21	11	97	0.2	5.6	120.4	0.1	-0.0	A N	6784
6785	4ACSR	30.5	12.5	0.0	A	N	57	15	8	6	57	15	8	97	0.3	5.8	120.2	0.1	-0.3	A N	6785
6781	4ACSR	19.4	12.5	0.0	A	N	158	43	23	16	158	43	23	97	0.3	5.4	120.6	0.4	0.1	A N	6781
5762	4/0ACSR	17.1	12.5	0.0	A	N	142	38	20	6	142	38	20	97	0.2	4.3	121.7	0.2	-0.0	A N	5762
5692	6ACWC	7.4	12.5	0.0	A	N	109	29	15	11	109	29	15	97	0.3	1.2	124.8	0.3	-0.1	A N	5692
572	6ACWC	7.5	12.5	0.0	A	N	121	33	17	12	121	33	17	97	0.4	1.2	124.8	0.3	-0.0	A N	572

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********** Load-Flow Results For Frenchburg Ckt 1 **********
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Frenchburg Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1982	510	90	97			126.0			ABCN	Feeder
	1074	1/0CU	0.6	12.5	0.0	ABCN	67	17	3	29	1982	510	90	97	0.1	0.1	125.9	1.7	2.0	ABCN	1074
	1061	6ACWC	3.2	12.5	0.0	ABCN	35	9	2	62	1913	491	87	97	1.8	2.0	124.0	27.0	8.8	ABCN	1061
	10611	336ACSR	6.2	12.5	0.0	ABCN	6	1	0	16	1851	473	86	97	0.4	2.3	123.7	3.8	7.3	ABCN	10611
	10612	6ACWC	12.3	12.5	0.0	ABCN	55	14	3	61	1841	465	85	97	4.2	6.5	119.5	59.7	19.5	ABCN	10612
	10543	6ACWC	14.0	12.5	0.0	ABCN	-0	0	0	56	1638	408	78	97	1.1	7.5	118.5	14.2	4.6	ABCN	10543
	Regulator	1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10543																			
		ABCN : Tap = 9 RAISE																			
C	Regulator			14.0	12.5	0.0	ABCN				78	1624	404	78	97	-6.9	0.6	125.4	-0.0	-0.0	ABCN	Regulator
	1054	6ACWC	17.4	12.5	0.0	ABCN	74	19	3	53	1624	404	74	97	2.0	2.6	123.4	24.7	7.9	ABCN	1054
	10541	4ACSR	21.1	12.5	0.0	ABCN	70	18	3	51	1526	377	71	97	2.2	4.8	121.2	26.1	8.0	ABCN	10541
	1052	4ACSR	22.2	12.5	0.0	ABCN	28	1	1	45	1329	326	63	97	0.6	5.4	120.6	6.5	2.0	ABCN	1052
	10522	4ACSR	26.9	12.5	0.0	ABCN	19	5	1	43	1267	316	60	97	2.4	7.8	118.2	24.2	7.3	ABCN	10522
L	1040	6ACWC	31.5	12.5	0.0	AB N	57	15	4	42	802	207	58	97	2.2	9.9	116.1	13.9	6.2	AB N	1040
L	10375	4ACSR	39.0	12.5	0.0	AB N	89	23	7	29	539	137	40	97	2.5	12.4	113.6	10.5	3.9	AB N	10375
L	10372	4ACSR	40.3	12.5	0.0	AB N	20	5	2	17	312	79	24	97	0.3	12.7	113.3	0.7	0.2	AB N	10372
L	1037	4ACSR	42.5	12.5	0.0	AB N	31	8	2	15	268	68	20	97	0.4	13.1	112.9	0.9	0.2	AB N	1037
L	10224	4ACSR	43.5	12.5	0.0	A N	0	0	0	26	234	60	36	97	0.4	14.9	111.1	0.7	0.3	A N	10224
L	1022	4ACSR	49.1	12.5	0.0	A N	112	29	18	26	233	60	36	97	1.5	16.3	109.7	2.5	1.1	A N	1022
L	10221	4ACSR	53.7	12.5	0.0	A N	50	13	8	13	118	30	19	97	0.7	17.0	109.0	0.6	0.1	A N	10221
L	10222	4ACSR	58.9	12.5	0.0	A N	41	11	6	5	41	10	6	97	0.2	17.2	108.8	0.1	-0.2	A N	10222
L	10223	4ACSR	61.9	12.5	0.0	A N	27	7	4	3	27	7	4	97	0.2	17.2	108.8	0.0	-0.3	A N	10223
L	10371	4ACSR	45.4	12.5	0.0	A N	22	6	3	2	22	5	3	97	0.1	14.1	111.9	0.0	-0.2	A N	10371
L	10373	4ACSR	45.4	12.5	0.0	A N	83	21	13	9	83	21	13	97	0.4	14.1	111.9	0.3	-0.1	A N	10373
L	10374	4ACSR	44.3	12.5	0.0	A N	42	11	6	5	42	11	6	97	0.2	13.9	112.1	0.1	-0.2	A N	10374
L	712	4ACSR	37.1	12.5	0.0	A N	120	31	18	20	190	48	28	97	1.1	11.6	114.4	1.4	0.5	A N	712
L	71200	4ACSR	44.7	12.5	0.0	A N	24	6	4	7	69	17	10	97	0.6	12.3	113.7	0.3	-0.2	A N	71200
L	71201	4ACSR	52.4	12.5	0.0	A N	45	11	7	5	45	11	7	97	0.3	12.5	113.5	0.1	-0.3	A N	71201
L	1041	6ACWC	33.5	12.5	0.0	ABCN	134	34	7	15	423	96	20	97	0.9	8.7	117.3	3.2	0.2	ABCN	1041
L	10413	6ACWC	35.9	12.5	0.0	ABCN	50	9	2	8	219	45	11	98	0.2	8.9	117.1	0.3	-0.2	ABCN	10413
L	1035	4ACSR	41.7	12.5	0.0	ABCN	85	22	4	5	137	27	7	98	0.2	9.1	116.9	0.4	-0.7	ABCN	1035
L	10351	4ACSR	52.4	12.5	0.0	ABCN	51	8	2	2	51	6	2	99	0.1	9.2	116.8	0.2	-1.6	ABCN	10351
L	1036	6ACWC	39.6	12.5	0.0	A N	20	5	3	3	31	8	5	97	0.1	9.5	116.5	0.0	-0.1	A N	1036
L	10361	6ACWC	43.0	12.5	0.0	A N	11	3	2	1	11	3	2	97	0.0	9.5	116.5	0.0	-0.1	A N	10361
L	10411	6ACWC	38.3	12.5	0.0	A N	31	8	5	7	66	16	10	97	0.3	9.4	116.6	0.1	-0.1	A N	10411
L	10412	6ACWC	45.7	12.5	0.0	A N	34	9	5	4	34	8	5	97	0.2	9.6	116.4	0.1	-0.3	A N	10412
	10521	6ACWC	26.5	12.5	0.0	A N	27	7	4	3	27	7	4	97	0.1	5.5	120.5	0.0	-0.2	A N	10521
	1053	6ACWC	24.6	12.5	0.0	A N	8	2	1	10	102	25	14	97	0.4	5.2	120.8	0.3	0.0	A N	1053
	10531	6ACWC	28.6	12.5	0.0	A N	18	5	3	2	18	4	3	97	0.0	5.3	120.7	0.0	-0.2	A N	10531
	10532	6ACWC	34.2	12.5	0.0	A N	0	0	0	0	0	-0	0	-85	0.0	5.3	120.7	0.0	-0.3	A N	10532
	10533	6ACWC	29.8	12.5	0.0	A N	17	4	2	8	75	19	11	97	0.4	5.7	120.3	0.2	-0.1	A N	10533
	10534	6ACWC	35.0	12.5	0.0	A N	58	15	8	6	58	15	8	97	0.2	5.9	120.1	0.1	-0.2	A N	10534
	1060	4ACSR	19.2	12.5	0.0	A N	88	22	13	9	88	22	13	97	0.4	7.1	118.9	0.3	-0.2	A N	1060

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********** Load-Flow Results For Frenchburg Ckt 2 **********
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Frenchburg Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					991	207	45	98			126.0			ABCN	Feeder
1078	397ACSR	3.9	12.5	0.0	ABCN	91	14	4	8	991	207	45	98	0.2	0.2	125.8	1.1	1.7	ABCN	1078
10781	397ACSR	5.9	12.5	0.0	ABCN	73	19	3	7	899	190	41	98	0.1	0.3	125.7	0.5	0.7	ABCN	10781
10782	397ACSR	9.2	12.5	0.0	ABCN	66	11	3	0	66	10	3	99	0.0	0.3	125.7	0.0	-0.7	ABCN	10782
10783	397ACSR	9.7	12.5	0.0	ABCN	33	9	1	6	759	160	34	98	0.2	0.4	125.6	0.6	0.7	ABCN	10783
1072	1/0ACSR	17.2	12.5	0.0	ABCN	78	16	4	14	726	151	33	98	0.9	1.4	124.6	4.7	2.1	ABCN	1072
11101	2ACSR	18.0	12.5	0.0	ABCN	164	43	8	16	643	132	29	98	0.1	1.5	124.5	0.6	0.2	ABCN	11101
11102	2ACSR	25.0	12.5	0.0	A N	61	16	8	5	61	16	8	97	0.2	2.0	124.0	0.1	-0.3	A N	11102
1110	2ACSR	20.7	12.5	0.0	ABCN	53	14	2	11	417	73	19	99	0.3	1.8	124.2	0.8	-0.1	ABCN	1110
1111	4ACSR	23.0	12.5	0.0	ABCN	236	26	11	8	237	26	11	99	0.1	1.9	124.1	0.6	-0.1	ABCN	1111
111101	2ACSR	27.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.4	123.6	0.0	-0.2	A N	111101
11121	4ACSR	21.8	12.5	0.0	A N	2	0	0	12	126	33	17	97	0.2	2.3	123.7	0.2	0.0	A N	11121
1112	4ACSR	29.1	12.5	0.0	A N	123	32	17	12	124	32	17	97	0.6	2.9	123.1	0.6	-0.1	A N	1112

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********** Load-Flow Results For Frenchburg Ckt 3 **********
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Frenchburg Ckt 3

							Section Load				Load Into Section				-- 120V Base --			Losses			
		Phase	Dist	Nom	%V	Phs				Ldg					Volt	Accm	Volt			Phs	
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg	Section
	Feeder			12.5	0.0	ABCN					2341	-127	103	-100			126.0			ABCN	Feeder
	1073	1/0CU	3.4	12.5	0.0	ABCN	59	15	3	33	2341	-127	103	-100	0.6	0.6	125.4	12.1	14.0	ABCN	1073
	10731	1/0CU	8.2	12.5	0.0	A N	35	9	5	2	35	9	5	97	0.0	0.7	125.3	0.0	-0.2	A N	10731
	10732	1/0CU	7.8	12.5	0.0	ABCN	249	-277	17	32	2235	-165	99	-100	0.8	1.4	124.6	13.7	15.9	ABCN	10732
	Capacitor (Wye-Gnd Connected) at Center of Section 10732																				
	ABCN : Nominal = 300 kvar Actual = 326 kvar																				
	1071	2ACSR	10.7	12.5	0.0	ABCN	321	46	15	49	1972	95	88	100	1.3	2.7	123.3	19.6	9.6	ABCN	1071
	10711	2ACSR	11.5	12.5	0.0	ABCN	64	0	3	41	1632	39	74	100	0.3	3.0	123.0	3.9	1.9	ABCN	10711
	1067	2ACSR	15.2	12.5	0.0	ABCN	340	-118	16	38	1506	22	68	100	1.2	4.2	121.8	14.0	6.8	ABCN	1067
	Capacitor (Wye-Gnd Connected) at Center of Section 1067																				
	ABCN : Nominal = 150 kvar Actual = 156 kvar																				
	10661	2ACSR	17.9	12.5	0.0	ABCN	44	11	2	6	241	59	11	97	0.2	4.4	121.6	0.3	-0.3	ABCN	10661
	10662	2ACSR	23.1	12.5	0.0	A N	72	19	10	6	72	18	10	97	0.2	5.5	120.5	0.1	-0.2	A N	10662
	10663	2ACSR	22.2	12.5	0.0	ABCN	41	11	2	3	123	29	6	97	0.1	4.5	121.5	0.1	-0.7	ABCN	10663
	1066	2ACSR	24.2	12.5	0.0	ABCN	31	8	1	2	82	19	4	97	0.0	4.5	121.5	0.0	-0.3	ABCN	1066
	10669	2ACSR	27.2	12.5	0.0	ABCN	11	3	1	1	50	11	2	98	0.0	4.6	121.4	0.0	-0.5	ABCN	10669
	733	2ACSR	31.1	12.5	0.0	ABCN	16	4	1	1	39	8	2	98	0.0	4.6	121.4	0.0	-0.7	ABCN	733
	73300	2ACSR	37.0	12.5	0.0	ABCN	22	6	1	1	22	5	1	98	0.0	4.6	121.4	0.0	-1.0	ABCN	73300
	1113	6ACWC	22.0	12.5	0.0	ABCN	706	10	33	30	905	69	42	100	1.4	5.6	120.4	20.0	10.0	ABCN	1113
L	748	4ACSR	29.1	12.5	0.0	A N	37	10	6	18	176	44	26	97	1.6	10.0	116.0	2.0	0.7	A N	748
L	74800	4ACSR	41.3	12.5	0.0	A N	35	9	5	4	35	9	5	97	0.3	10.3	115.7	0.1	-0.5	A N	74800
L	74801	4ACSR	32.7	12.5	0.0	A N	9	2	1	11	101	25	15	97	0.5	10.5	115.5	0.4	0.1	A N	74801
L	749	6ACWC	39.4	12.5	0.0	A N	4	1	1	10	91	23	14	97	0.8	11.3	114.7	0.6	0.1	A N	749
L	74900	6ACWC	46.5	12.5	0.0	A N	62	16	9	7	62	16	9	97	0.3	11.6	114.4	0.2	-0.2	A N	74900
L	74901	6ACWC	44.8	12.5	0.0	A N	24	6	4	3	24	6	4	97	0.1	11.4	114.6	0.0	-0.2	A N	74901
	1070	4ACSR	17.7	12.5	0.0	A N	56	14	8	6	56	14	8	97	0.2	3.8	122.2	0.1	-0.2	A N	1070

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********** Load-Flow Results For Frenchburg Ckt 4 **********
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Frenchburg Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2707	554	61	98			126.0			ABCN	Feeder
1080	336ACSR	0.8	24.9	0.0	ABCN	0	0	0	12	2707	554	61	98	0.0	0.0	126.0	0.5	0.4	ABCN	1080
1075	336ACSR	6.3	24.9	0.0	ABCN	25	7	1	12	2706	553	61	98	0.2	0.3	125.7	3.5	2.7	ABCN	1075
10751	4ACSR	11.6	24.9	0.0	A N	12	3	1	1	12	2	1	98	0.0	0.3	125.7	0.0	-1.1	A N	10751
10752	336ACSR	7.6	24.9	0.0	ABCN	10	3	0	11	2666	541	60	98	0.1	0.3	125.7	0.8	0.6	ABCN	10752
10753	4ACSR	9.8	24.9	0.0	A N	16	5	1	1	16	4	1	97	0.0	0.3	125.7	0.0	-0.5	A N	10753
10754	336ACSR	11.3	24.9	0.0	ABCN	30	8	1	11	2639	534	60	98	0.1	0.5	125.5	2.3	1.6	ABCN	10754
1077	1/0ACSR	16.6	24.9	0.0	ABCN	19	5	0	25	2557	513	58	98	0.6	1.1	124.9	11.2	4.4	ABCN	1077
10771	1/0ACSR	19.1	24.9	0.0	ABCN	10	3	0	25	2527	503	57	98	0.3	1.4	124.6	5.3	2.1	ABCN	10771
10772	1/0ACSR	22.4	24.9	0.0	ABCN	1	0	0	25	2512	498	57	98	0.4	1.7	124.3	6.8	2.7	ABCN	10772
1063	2ACSR	29.2	24.9	0.0	ABCN	8	2	0	31	2415	473	55	98	1.1	2.8	123.2	19.8	5.2	ABCN	1063
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1063																				
	ABCN : Tap = 3 RAISE																			
Regulator			29.2	24.9	0.0	ABCN				55	2388	465	55	98	-2.3	0.5	125.3	0.0	-0.0	ABCN	Regulator
10632	2ACSR	32.5	24.9	0.0	ABCN	0	-0	0	29	2351	456	53	98	0.5	1.0	125.0	8.9	2.1	ABCN	10632
10641	4ACSR	35.0	24.9	0.0	A N	23	7	2	10	203	52	14	97	0.2	1.2	124.8	0.2	-0.4	A N	10641
1064	4ACSR	39.1	24.9	0.0	A N	1	0	0	9	180	46	12	97	0.2	1.4	124.6	0.3	-0.6	A N	1064
1055	4ACSR	44.3	24.9	0.0	A N	67	19	5	9	178	46	12	97	0.3	1.7	124.3	0.3	-0.9	A N	1055
10551	4ACSR	46.3	24.9	0.0	A N	14	4	1	1	14	3	1	97	0.0	1.7	124.3	0.0	-0.4	A N	10551
10552	4ACSR	46.7	24.9	0.0	A N	22	6	2	5	97	24	7	97	0.1	1.8	124.2	0.0	-0.5	A N	10552
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 10552																				
Transformer			46.7	12.4	0.0	A N				23	76	19	5	97	0.0	1.8	124.2	0.0	0.0	A N	Transformer
1056	4ACSR	55.2	12.4	0.0	A N	10	3	1	7	76	19	10	97	0.8	2.6	123.4	0.4	-0.2	A N	1056
1050	4ACSR	60.7	12.4	0.0	A N	2	1	0	2	20	4	3	98	0.1	2.7	123.3	0.0	-0.3	A N	1050
10501	4ACSR	67.4	12.4	0.0	A N	18	5	3	2	18	5	3	97	0.1	2.8	123.2	0.0	-0.3	A N	10501
10502	4ACSR	63.9	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.7	123.3	0.0	-0.2	A N	10502
105021	4ACSR	66.7	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.7	123.3	0.0	-0.1	A N	105021
10503	4ACSR	73.4	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.7	123.3	0.0	-0.3	A N	10503
10504	4ACSR	81.8	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.7	123.3	0.0	-0.4	A N	10504
1051	4ACSR	60.4	12.4	0.0	A N	7	2	1	4	45	12	6	97	0.3	2.9	123.1	0.1	-0.2	A N	1051
10511	4ACSR	64.6	12.4	0.0	A N	9	3	1	1	9	2	1	97	0.0	2.9	123.1	0.0	-0.2	A N	10511
10512	4ACSR	64.0	12.4	0.0	A N	28	8	4	3	28	8	4	96	0.1	2.9	123.1	0.0	-0.2	A N	10512
1065	1/0ACSR	33.6	24.9	0.0	ABCN	8	2	0	21	2139	402	48	98	0.1	1.1	124.9	1.7	0.4	ABCN	1065
10651	2ACSR	37.4	24.9	0.0	A N	6	2	0	0	6	1	0	99	0.0	1.1	124.9	0.0	-0.8	A N	10651
10652	1/0ACSR	41.3	24.9	0.0	ABCN	30	3	1	21	2123	398	48	98	0.7	1.8	124.2	11.2	2.7	ABCN	10652
10653	4/0ACSR	42.9	24.9	0.0	ABCN	-0	-0	0	14	2082	392	47	98	0.1	1.9	124.1	1.2	0.3	ABCN	10653
1133	2ACSR	45.5	24.9	0.0	ABCN	24	7	1	26	2081	392	47	98	0.4	2.3	123.7	5.5	0.9	ABCN	1133
11331	2ACSR	47.0	24.9	0.0	ABCN	56	16	1	26	2052	385	47	98	0.2	2.5	123.5	3.1	0.5	ABCN	11331
11332	4ACSR	53.5	24.9	0.0	A N	18	5	1	1	18	4	1	98	0.0	2.6	123.4	0.0	-1.3	A N	11332
11333	2ACSR	48.9	24.9	0.0	ABCN	4	-157	4	25	1974	364	45	98	0.2	2.7	123.3	3.7	0.6	ABCN	11333
Capacitor (Wye-Gnd Connected) at Center of Section 11333																				
	ABCN : Nominal = 150 kvar Actual = 159 kvar																			
11341	2ACSR	49.9	24.9	0.0	ABCN	17	5	0	16	1198	314	28	97	0.1	2.8	123.2	0.7	-0.3	ABCN	11341
11343	2ACSR	50.4	24.9	0.0	ABCN	10	3	0	15	1143	300	27	97	0.0	2.8	123.2	0.3	-0.2	ABCN	11343
11345	2ACSR	51.7	24.9	0.0	ABCN	-0	-0	0	12	957	248	22	97	0.1	2.9	123.1	0.6	-0.6	ABCN	11345
11347	2ACSR	54.3	24.9	0.0	ABCN	74	16	2	12	899	233	21	97	0.2	3.1	122.9	1.0	-1.3	ABCN	11347
11349	2ACSR	55.8	24.9	0.0	ABCN	31	3	1	9	721	191	17	97	0.1	3.2	122.8	0.4	-0.9	ABCN	11349
1058	2ACSR	56.6	24.9	0.0	ABCN	3	1	0	9	690	189	16	96	0.0	3.2	122.8	0.2	-0.5	ABCN	1058
10581	4ACSR	59.5	24.9	0.0	A N	65	18	5	3	65	18	5	96	0.0	3.3	122.7	0.0	-0.5	A N	10581
10582	2ACSR	57.1	24.9	0.0	ABCN	63	18	1	8	622	171	15	96	0.0	3.2	122.8	0.1	-0.3	ABCN	10582
1057	4ACSR	62.3	24.9	0.0	A N	37	10	3	21	421	116	30	96	0.7	4.0	122.0	2.2	0.2	A N	1057
10572	4ACSR	62.7	24.9	0.0	A N	5	1	0	15	296	81	21	96	0.0	4.1	121.9	0.1	-0.0	A N	10572
10573	4ACSR	66.2	24.9	0.0	A N	137	39	10	7	137	38	10	96	0.1	4.1	121.9	0.1	-0.6	A N	10573
10574	4ACSR	67.5	24.9	0.0	A N	114	32	8	6	114	31	8	96	0.1	4.1	121.9	0.1	-0.9	A N	10574
10575	4ACSR	64.9	24.9	0.0	A N	40	11	3	2	40	11	3	97	0.0	4.1	121.9	0.0	-0.4	A N	10575
10571	4ACSR	65.4	24.9	0.0	A N	86	24	6	4	86	24	6	96	0.0	4.1	121.9	0.0	-0.6	A N	10571
1136	4ACSR	61.4	24.9	0.0	A N	85	24	6	7	138	37	10	97	0.1	3.4	122.6	0.1	-0.8	A N	1136
11361	4ACSR	65.6	24.9	0.0	A N	53	15	4	3	53	14	4	97	0.0	3.5	122.5	0.0	-0.8	A N	11361
11348	4ACSR	60.6	24.9	0.0	A N	103	29	7	5	103	28	7	97	0.1	3.3	122.7	0.1	-1.2	A N	11348
11346	4ACSR	54.5	24.9	0.0	A N	57	16	4	3	57	15	4	96	0.0	3.0	123.0	0.0	-0.5	A N	11346
11344	4ACSR	54.5	24.9	0.0	A N	175	49	12	9	175	49	12	96	0.1	3.0	123.0	0.2	-0.7	A N	11344

Frenchburg Ckt 4 — Section Load — Load Into Section -- 120V Base — Losses

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
11342	4ACSR	52.8	24.9	0.0	A N	38	11	3	2	38	10	3	97	0.0	2.9	123.1	0.0	-0.6	A N	11342
1135	4ACSR	53.1	24.9	0.0	A N	67	19	5	38	767	206	54	97	1.1	3.8	122.2	6.0	2.3	A N	1135
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1135																				
	A N : Tap = 5			RAISE																
Regulator		53.1	24.9	0.0	A N				49	695	185	49	97	-3.8	0.0	125.8	0.0	0.0	A N	Regulator
11357	4ACSR	54.3	24.9	0.0	A N	10	3	1	32	655	175	45	97	0.3	0.3	125.7	1.3	0.4	A N	11357
11358	4ACSR	55.0	24.9	0.0	A N	9	3	1	24	487	128	33	97	0.1	0.4	125.6	0.4	0.1	A N	11358
11354	4ACSR	58.7	24.9	0.0	A N	60	17	4	20	411	108	28	97	0.5	0.9	125.1	1.3	-0.0	A N	11354
11356	4ACSR	64.0	24.9	0.0	A N	55	15	4	14	277	72	19	97	0.5	1.3	124.7	0.9	-0.6	A N	11356
1140	4ACSR	65.8	24.9	0.0	A N	56	16	4	7	134	36	9	97	0.1	1.4	124.6	0.1	-0.3	A N	1140
11402	4ACSR	68.8	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	1.4	124.6	0.0	-0.6	A N	11402
11401	4ACSR	70.8	24.9	0.0	A N	78	22	5	4	78	21	5	97	0.1	1.5	124.5	0.0	-1.0	A N	11401
1137	4ACSR	67.5	24.9	0.0	A N	33	9	2	4	88	21	6	97	0.1	1.4	124.6	0.0	-0.7	A N	1137
11371	4ACSR	73.4	24.9	0.0	A N	22	6	2	1	22	5	2	97	0.0	1.4	124.6	0.0	-1.2	A N	11371
11372	4ACSR	70.0	24.9	0.0	A N	23	7	2	2	33	8	2	97	0.0	1.4	124.6	0.0	-0.5	A N	11372
11373	4ACSR	73.1	24.9	0.0	A N	4	1	0	0	4	0	0	99	0.0	1.4	124.6	0.0	-0.6	A N	11373
11374	4ACSR	72.9	24.9	0.0	A N	6	2	0	0	6	1	0	98	0.0	1.4	124.6	0.0	-0.6	A N	11374
11355	4ACSR	62.6	24.9	0.0	A N	72	20	5	4	72	20	5	97	0.0	0.9	125.1	0.0	-0.8	A N	11355
11353	4ACSR	62.1	24.9	0.0	A N	67	19	5	3	67	17	5	97	0.1	0.5	125.5	0.0	-1.4	A N	11353
11352	4ACSR	60.0	24.9	0.0	A N	157	44	11	8	157	43	11	96	0.2	0.4	125.6	0.2	-1.1	A N	11352
11351	4ACSR	56.0	24.9	0.0	A N	40	11	3	2	40	11	3	97	0.0	0.0	126.0	0.0	-0.6	A N	11351
10631	2ACSR	34.0	24.9	0.0	A N	37	10	3	1	37	9	3	97	0.0	0.5	125.5	0.0	-1.0	A N	10631
1062	4ACSR	28.8	24.9	0.0	A N	48	14	3	4	88	22	6	97	0.1	1.9	124.1	0.1	-1.2	A N	1062
10621	4ACSR	36.3	24.9	0.0	A N	40	11	3	2	40	10	3	97	0.1	1.9	124.1	0.0	-1.5	A N	10621
1076	4ACSR	13.7	24.9	0.0	A N	8	2	1	2	49	11	3	98	0.0	0.5	125.5	0.0	-0.5	A N	1076
10761	6ACWC	19.4	24.9	0.0	A N	32	9	2	2	32	8	2	97	0.0	0.5	125.5	0.0	-1.1	A N	10761
10762	4ACSR	19.6	24.9	0.0	A N	9	3	1	0	9	1	1	99	0.0	0.5	125.5	0.0	-1.2	A N	10762

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********** Load-Flow Results For Hope Ckt 1 **********
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Hope Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					170	6	7	100			126.0			ABCN	Feeder
710	1/0CU	6.1	12.5	0.0	ABCN	106	5	5	2	170	6	7	100	0.1	0.1	125.9	0.1	-1.0	ABCN	710
7101	1/0CU	11.8	12.5	0.0	ABCN	44	2	2	1	64	1	3	100	0.0	0.1	125.9	0.0	-1.0	ABCN	7101
7102	1/0CU	15.1	12.5	0.0	ABCN	20	1	1	0	20	0	1	100	0.0	0.1	125.9	0.0	-0.6	ABCN	7102

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********** Load-Flow Results For Hope Ckt 2 **********
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Hope Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1754	56	77	100			126.0			ABCN	Feeder
	717	1/0CU	4.9	12.5	0.0	ABCN	316	-1	14	25	1754	56	77	100	0.7	0.7	125.3	8.9	10.1	ABCN	717
	7171	1/0CU	7.9	12.5	0.0	ABCN	84	-0	4	20	1428	46	63	100	0.4	1.1	124.9	3.9	4.2	ABCN	7171
	718	1/0CU	12.1	12.5	0.0	ABCN	50	-0	2	19	1340	42	60	100	0.5	1.5	124.5	5.0	5.3	ABCN	718
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 718																				
		ABCN : Tap = 1 RAISE																			
	Regulator		12.1	12.5	0.0	ABCN				57	1284	37	57	100	-1.0	0.5	125.5	0.0	0.0	ABCN	Regulator
	7181	1/0CU	12.7	12.5	0.0	ABCN	15	-0	1	18	1285	37	57	100	0.1	0.6	125.4	0.7	0.7	ABCN	7181
	7182	6ACWC	20.8	12.5	0.0	A N	66	-0	9	6	66	-1	9	-100	0.3	0.6	125.4	0.1	-0.3	A N	7182
	7183	1/0CU	13.6	12.5	0.0	ABCN	21	-0	1	17	1203	37	53	100	0.1	0.7	125.3	0.9	0.9	ABCN	7183
	722	1/0CU	16.5	12.5	0.0	ABCN	53	-0	2	5	379	1	17	100	0.1	0.8	125.2	0.2	-0.2	ABCN	722
	7221	1/0CU	21.2	12.5	0.0	ABCN	26	-0	1	5	325	1	14	100	0.1	0.9	125.1	0.3	-0.5	ABCN	7221
	7282	1/0CU	24.3	12.5	0.0	ABCN	28	-0	1	0	28	-1	1	-100	0.0	0.9	125.1	0.0	-0.6	ABCN	7282
	723	6ACWC	27.7	12.5	0.0	A N	41	-0	6	26	271	1	36	100	1.8	2.4	123.6	3.5	1.8	A N	723
	7230	6ACWC	35.6	12.5	0.0	A N	65	-0	9	22	226	-0	31	-100	1.7	4.1	121.9	2.7	1.2	A N	7230
	7231	6ACWC	41.7	12.5	0.0	A N	26	-0	4	3	26	-0	4	-100	0.1	4.2	121.8	0.0	-0.3	A N	7231
	7232	6ACWC	45.2	12.5	0.0	A N	132	-1	18	13	132	-1	18	-100	0.7	4.8	121.2	0.8	0.0	A N	7232
C	721	6ACWC	18.6	12.5	0.0	A N	35	-0	5	76	804	32	107	100	4.3	4.7	121.3	26.3	15.5	A N	721
	7211	6ACWC	20.9	12.5	0.0	A N	31	-0	4	73	743	17	102	100	1.9	6.6	119.4	11.1	6.5	A N	7211
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7211																				
		A N : Tap = 9 RAISE																			
H	Regulator		20.9	12.5	0.0	A N				98	701	11	98	100	-6.7	-0.2	126.2	-0.0	0.0	A N	Regulator
	7212	6ACWC	24.5	12.5	0.0	A N	27	-0	4	65	688	11	91	100	2.6	2.5	123.5	14.0	8.2	A N	7212
	7213	6ACWC	28.0	12.5	0.0	A N	139	-1	19	13	139	-1	19	-100	0.3	2.7	123.3	0.3	0.0	A N	7213
	7214	6ACWC	24.8	12.5	0.0	A N	0	0	0	49	508	4	69	100	0.2	2.7	123.3	0.8	0.5	A N	7214
	7215	6ACWC	27.6	12.5	0.0	A N	28	-0	4	3	28	-0	4	-100	0.0	2.7	123.3	0.0	-0.1	A N	7215
	7216	6ACWC	28.6	12.5	0.0	A N	81	-0	11	46	479	3	65	100	1.8	4.5	121.5	6.6	3.8	A N	7216
	7217	6ACWC	31.0	12.5	0.0	A N	6	-0	1	38	391	0	54	100	1.0	5.5	120.5	3.3	1.8	A N	7217
	7218	6ACWC	35.2	12.5	0.0	A N	127	-1	18	13	127	-1	18	-100	0.3	5.8	120.2	0.3	-0.0	A N	7218
	7219	6ACWC	31.8	12.5	0.0	A N	0	0	0	25	255	-1	35	-100	0.2	5.7	120.3	0.4	0.2	A N	7219
	1746	6ACWC	36.0	12.5	0.0	A N	165	-1	23	16	166	-1	23	-100	0.4	6.1	119.9	0.6	0.1	A N	1746
	7145	6ACWC	34.4	12.5	0.0	A N	63	-0	9	9	88	-1	12	-100	0.2	5.9	120.1	0.1	-0.1	A N	7145
	7143	6ACWC	35.5	12.5	0.0	A N	5	-0	1	0	5	-0	1	-100	0.0	5.9	120.1	0.0	-0.1	A N	7143
	7144	6ACWC	37.0	12.5	0.0	A N	21	-0	3	2	21	-0	3	-100	0.0	5.9	120.1	0.0	-0.1	A N	7144
H	7210	6ACWC	26.2	12.5	0.0	A N	14	-0	2	1	14	-0	2	-100	0.0	-0.1	126.1	0.0	-0.3	A N	7210

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********** Load-Flow Results For Hope Ckt 3 **********
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Hope Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2643	-63	117	-100			126.0			ABCN	Feeder
C	707	6ACWC	4.9	12.5	0.0	ABCN	91	-1	4	83	2643	-63	117	-100	4.2	4.2	121.8	88.5	29.6	ABCN	707
C	706	6ACWC	8.6	12.5	0.0	ABCN	17	-0	1	78	2396	-90	109	-100	3.1	7.4	118.6	62.1	20.7	ABCN	706
L	6722	4ACSR	15.3	12.5	0.0	A N	30	-0	4	38	378	3	53	100	3.0	10.6	115.4	9.3	4.6	A N	6722
L	672	6ACWC	22.1	12.5	0.0	A N	85	-1	12	33	318	-1	46	-100	2.2	12.8	113.2	5.4	2.9	A N	672
L	659	4ACSR	23.9	12.5	0.0	A N	17	-0	2	24	228	-3	34	-100	0.5	13.3	112.7	1.0	0.5	A N	659
L	671	4ACSR	29.1	12.5	0.0	A N	21	-0	3	15	142	-2	21	-100	0.9	14.2	111.8	1.0	0.3	A N	671
L	6712	4ACSR	33.0	12.5	0.0	A N	7	-0	1	13	120	-2	18	-100	0.6	14.7	111.3	0.6	0.2	A N	6712
L	6713	4ACSR	37.5	12.5	0.0	A N	29	-0	4	12	113	-2	17	-100	0.6	15.3	110.7	0.5	0.1	A N	6713
L	658	4ACSR	40.2	12.5	0.0	A N	55	-1	8	9	83	-2	13	-100	0.2	15.5	110.5	0.1	-0.0	A N	658
L	654	4ACSR	48.1	12.5	0.0	A N	26	-0	4	3	26	-1	4	-100	0.1	15.7	110.3	0.0	-0.3	A N	654
L	6581	4ACSR	46.9	12.5	0.0	A N	2	-0	0	0	2	-0	0	-99	0.0	15.5	110.5	0.0	-0.3	A N	6581
L	670	4ACSR	29.3	12.5	0.0	A N	56	-1	8	7	68	-1	10	-100	0.3	13.6	112.4	0.1	-0.1	A N	670
L	6701	4ACSR	36.2	12.5	0.0	A N	12	-0	2	1	12	-0	2	-100	0.1	13.6	112.4	0.0	-0.3	A N	6701
L	6721	4ACSR	23.2	12.5	0.0	A N	21	-0	3	2	21	-1	3	-100	0.1	10.7	115.3	0.0	-0.3	A N	6721
L	709	6ACWC	12.1	12.5	0.0	ABCN	28	-0	1	65	1938	-114	91	-100	2.4	9.7	116.3	39.7	13.1	ABCN	709
L	7091	6ACWC	16.5	12.5	0.0	ABCN	54	-1	3	64	1870	-127	90	-100	2.9	12.6	113.4	47.0	15.5	ABCN	7091
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7091																				
	ABCN : Tap = 16 RAISE																				
C	Regulator			16.5	12.5	0.0	ABCN				87	1768	-141	87	-100	-11.3	1.3	124.7	0.0	0.0	ABCN	Regulator
	705	6ACWC	19.8	12.5	0.0	ABCN	71	-160	8	56	1768	-142	79	-100	1.9	3.2	122.8	27.1	8.8	ABCN	705
	Capacitor (Wye-Gnd Connected) at Center of Section 705																				
	ABCN : Nominal = 150 kvar Actual = 160 kvar																				
	704	6ACWC	22.6	12.5	0.0	ABCN	15	-0	1	26	816	-0	37	-100	0.8	4.0	122.0	5.2	1.3	ABCN	704
	7041	6ACWC	23.8	12.5	0.0	ABCN	3	-0	0	10	311	-5	14	-100	0.1	4.1	121.9	0.3	-0.1	ABCN	7041
	4721	6ACWC	26.0	12.5	0.0	ABCN	0	0	0	6	194	-3	9	-100	0.2	4.3	121.7	0.2	-0.3	ABCN	4721
	472	6ACWC	30.5	12.5	0.0	ABCN	87	-1	4	6	193	-3	9	-100	0.2	4.5	121.5	0.4	-0.5	ABCN	472
	471	4ACSR	36.1	12.5	0.0	A N	45	-1	6	10	106	-2	15	-100	0.6	5.7	120.3	0.4	-0.0	A N	471
	4711	4ACSR	42.3	12.5	0.0	A N	60	-1	8	6	60	-1	8	-100	0.2	5.9	120.1	0.1	-0.2	A N	4711
	708	6ACWC	29.0	12.5	0.0	ABCN	58	-1	3	4	114	-2	5	-100	0.2	4.3	121.7	0.2	-0.8	ABCN	708
	703	4ACSR	36.2	12.5	0.0	A N	55	-1	8	5	55	-1	8	-100	0.2	5.1	120.9	0.1	-0.3	A N	703
	473	4ACSR	28.5	12.5	0.0	A N	84	-1	12	47	482	2	66	100	3.1	7.6	118.4	11.5	5.7	A N	473
L	4731	4ACSR	32.7	12.5	0.0	A N	80	-1	11	39	386	-2	54	-100	1.8	9.4	116.6	5.4	2.7	A N	4731
L	4732	4ACSR	33.3	12.5	0.0	A N	14	-0	2	31	301	-4	43	-100	0.2	9.6	116.4	0.5	0.3	A N	4732
L	4733	4ACSR	33.8	12.5	0.0	A N	0	0	0	17	167	-2	24	-100	0.1	9.7	116.3	0.2	0.1	A N	4733
L	474	4ACSR	41.0	12.5	0.0	A N	76	-1	11	8	76	-1	11	-100	0.3	10.1	115.9	0.2	-0.2	A N	474
L	475	4ACSR	41.4	12.5	0.0	A N	90	-1	13	9	90	-1	13	-100	0.4	10.2	115.8	0.3	-0.2	A N	475
L	4734	4ACSR	36.5	12.5	0.0	A N	120	-2	17	12	120	-2	17	-100	0.2	9.9	116.1	0.2	-0.0	A N	4734
C	713	6ACWC	22.7	12.5	0.0	A N	46	-1	6	83	851	8	116	100	2.7	6.3	119.7	18.0	10.7	A N	713
L	715	4ACSR	28.6	12.5	0.0	A N	153	-2	22	39	393	-0	55	-100	2.3	8.6	117.4	6.5	3.1	A N	715
L	7151	4ACSR	33.9	12.5	0.0	A N	33	-0	5	24	234	-2	33	-100	1.4	10.1	115.9	2.7	1.2	A N	7151
L	7153	4ACSR	35.5	12.5	0.0	A N	33	-0	5	8	83	-1	12	-100	0.1	10.2	115.8	0.1	-0.0	A N	7153
L	7154	4ACSR	39.7	12.5	0.0	A N	41	-1	6	4	41	-1	6	-100	0.1	10.3	115.7	0.0	-0.2	A N	7154
L	7155	4ACSR	37.0	12.5	0.0	A N	8	-0	1	1	8	-0	1	-100	0.0	10.2	115.8	0.0	-0.1	A N	7155
L	720	4ACSR	39.4	12.5	0.0	A N	115	-1	17	12	115	-1	17	-100	0.4	10.5	115.5	0.4	-0.0	A N	720
L	714	4ACSR	29.4	12.5	0.0	A N	153	-2	22	39	394	-2	55	-100	2.6	8.9	117.1	7.3	3.6	A N	714
L	7140	4ACSR	33.3	12.5	0.0	A N	80	-1	11	12	121	-2	17	-100	0.4	9.3	116.7	0.3	0.0	A N	7140
L	7142	4ACSR	38.2	12.5	0.0	A N	41	-1	6	4	41	-1	6	-100	0.1	9.4	116.6	0.0	-0.2	A N	7142
L	7141	4ACSR	31.7	12.5	0.0	A N	112	-1	16	11	113	-1	16	-100	0.2	9.1	116.9	0.2	-0.0	A N	7141
	716	4ACSR	8.7	12.5	0.0	A N	17	-0	2	7	68	-1	9	-100	0.3	4.7	121.3	0.1	-0.1	A N	716
	7161	4ACSR	13.5	12.5	0.0	A N	50	-1	7	5	50	-1	7	-100	0.1	4.8	121.2	0.1	-0.2	A N	7161

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********** Load-Flow Results For Hunt Ckt 1 **********
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Hunt Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					4717	550	105	99			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	95	18	2	18	4717	550	105	99	0.3	0.3	125.7	9.5	17.9	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	14	3	0	17	4612	514	103	99	0.1	0.4	125.6	2.7	5.1	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	40	8	1	17	4569	502	102	99	0.3	0.7	125.3	8.1	15.1	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	73	14	2	17	4521	479	101	99	0.3	0.9	125.1	7.3	13.5	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	31	6	1	16	4290	425	96	100	0.1	1.1	124.9	3.0	5.4	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	50	10	3	2	51	9	3	98	0.0	1.1	124.9	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	18	3	0	16	4205	405	94	100	0.1	1.1	124.9	2.3	4.0	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	6	1	0	17	1077	189	24	98	0.2	1.3	124.7	1.8	-0.8	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	46	9	1	17	1069	189	24	98	0.2	1.5	124.5	1.3	-0.7	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	5	1	0	5	112	19	8	99	0.1	1.7	124.3	0.1	-0.5	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	64	12	4	3	64	11	4	99	0.1	1.7	124.3	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	42	8	3	2	42	7	3	99	0.0	1.7	124.3	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	10	2	0	15	910	162	21	98	0.2	1.7	124.3	1.1	-0.9	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	-0	0	0	13	807	144	18	98	0.0	1.7	124.3	0.2	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	140	26	3	4	223	37	5	99	0.0	1.7	124.3	0.1	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	51	10	1	1	82	13	2	99	0.0	1.8	124.2	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	31	6	1	1	31	5	1	99	0.0	1.8	124.2	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	63	12	4	28	584	106	40	98	1.2	2.9	123.1	4.9	1.3	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	37	7	3	2	37	6	3	99	0.0	2.9	123.1	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	51	10	4	7	138	25	9	98	0.1	3.0	123.0	0.1	-0.3	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	87	16	6	4	87	16	6	98	0.1	3.0	123.0	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	191	36	13	17	342	62	24	98	0.5	3.4	122.6	1.0	-0.6	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	87	16	6	4	87	15	6	99	0.1	3.5	122.5	0.1	-1.5	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	62	12	4	3	63	11	4	98	0.0	3.4	122.6	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	92	17	6	5	92	17	6	98	0.0	1.7	124.3	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	8	2	0	12	3108	208	69	100	0.2	1.4	124.6	4.7	5.8	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	142	-296	7	11	3015	188	67	100	0.2	1.6	124.4	4.0	4.5	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
ABCN : Nominal = 300 kvar Actual = 323 kvar																				
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
ABCN : Tap = 1 RAISE																				
Regulator			34.8	24.9	0.0	ABCN				65	2869	480	65	99	-1.3	0.3	125.5	0.0	-0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	6	1	0	9	2472	408	55	99	0.0	0.3	125.7	0.4	0.2	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	40	7	1	6	1508	231	34	99	0.1	0.4	125.6	0.7	-2.0	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	9	2	0	23	1467	225	33	99	0.2	0.6	125.4	2.0	-0.2	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	81	15	2	3	168	25	4	99	0.0	0.6	125.4	0.1	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	41	8	1	1	88	13	2	99	0.0	0.6	125.4	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	2	0	0	0	2	-1	0	-91	0.0	0.6	125.4	0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	44	8	3	2	44	8	3	99	0.0	0.5	125.5	0.0	-0.7	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	54	6	1	21	1288	198	29	99	0.1	0.6	125.4	0.5	-0.1	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	38	7	1	15	1233	193	28	99	0.2	0.8	125.2	1.7	-0.9	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	7	1	0	14	1127	175	25	99	0.1	0.9	125.1	1.0	-0.7	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	0	0	0	5	1119	174	25	99	0.0	0.9	125.1	0.1	-0.5	ABCN	2373
2375	336ACSR	50.5	24.9	0.0	ABCN	11	2	0	4	1039	160	23	99	0.1	1.0	125.0	0.4	-2.5	ABCN	2375
2376	2ACSR	52.3	24.9	0.0	ABCN	7	1	0	13	1028	161	23	99	0.1	1.1	124.9	0.9	-0.8	ABCN	2376
231	2ACSR	52.6	24.9	0.0	ABCN	9	2	0	2	146	19	3	99	0.0	1.1	124.9	0.0	-0.3	ABCN	231
2311	4ACSR	60.3	24.9	0.0	A N	97	18	7	5	97	17	7	99	0.1	1.0	125.0	0.1	-1.5	A N	2311
2312	2ACSR	62.6	24.9	0.0	ABCN	40	8	1	0	40	0	1	100	0.0	1.1	124.9	0.0	-7.2	ABCN	2312
241	1/0ACSR	57.0	24.9	0.0	ABCN	143	27	3	9	874	141	20	99	0.2	1.3	124.7	1.0	-2.8	ABCN	241
242	4ACSR	58.6	24.9	0.0	A N	36	7	2	8	158	25	11	99	0.1	1.2	124.8	0.1	-0.3	A N	242
2421	4ACSR	61.4	24.9	0.0	A N	8	2	1	6	122	19	8	99	0.1	1.3	124.7	0.1	-0.5	A N	2421
2422	4ACSR	67.1	24.9	0.0	A N	13	2	1	1	13	1	1	99	0.0	1.3	124.7	0.0	-1.1	A N	2422
2423	4ACSR	67.9	24.9	0.0	A N	34	6	2	5	100	17	7	99	0.2	1.5	124.5	0.1	-1.2	A N	2423
2424	4ACSR	74.1	24.9	0.0	A N	66	12	4	3	66	11	4	99	0.1	1.5	124.5	0.0	-1.2	A N	2424
253	1/0ACSR	59.3	24.9	0.0	ABCN	4	1	0	6	573	92	13	99	0.1	1.3	124.7	0.2	-1.5	ABCN	253
2531	1/0ACSR	60.0	24.9	0.0	ABCN	84	5	2	1	84	4	2	100	0.0	1.3	124.7	0.0	-0.5	ABCN	2531
2532	4ACSR	61.8	24.9	0.0	A N	42	8	3	18	368	67	25	98	0.3	1.5	124.5	0.7	-0.1	A N	2532
254	4ACSR	64.6	24.9	0.0	A N	66	13	5	3	66	12	5	98	0.0	1.5	124.5	0.0	-0.5	A N	254
265	4ACSR	66.1	24.9	0.0	A N	90	17	6	13	259	47	18	98	0.3	1.8	124.2	0.5	-0.6	A N	265
2651	4ACSR	69.0	24.9	0.0	A N	129	24	9	8	168	31	11	98	0.1	1.9	124.1	0.1	-0.5	A N	2651

Hunt Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
276	4ACSR		71.0	24.9	0.0	A N	39	7	3	2	39	7	3	98	0.0	1.9	124.1	0.0	-0.4	A N	276
2761	4ACSR		71.2	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.9	124.1	0.0	-0.0	A N	2761
264	4ACSR		63.9	24.9	0.0	A N	42	8	3	6	118	20	8	99	0.1	1.3	124.7	0.1	-0.9	A N	264
2641	4ACSR		68.8	24.9	0.0	A N	75	14	5	4	75	13	5	98	0.1	1.4	124.6	0.0	-1.0	A N	2641
2374	4ACSR		50.6	24.9	0.0	A N	80	15	5	4	80	14	5	98	0.1	0.8	125.2	0.0	-0.8	A N	2374
2371	4ACSR		49.2	24.9	0.0	A N	67	13	5	3	67	12	5	99	0.1	0.7	125.3	0.0	-1.0	A N	2371
263	4ACSR		42.4	24.9	0.0	A N	130	25	9	46	959	175	65	98	1.9	2.0	124.0	12.8	5.4	A N	263
2631	4ACSR		46.8	24.9	0.0	A N	77	15	5	33	672	121	46	98	0.9	2.9	123.1	4.4	1.5	A N	2631
273	4ACSR		49.3	24.9	0.0	A N	14	3	1	29	591	105	41	98	0.5	3.4	122.6	2.2	0.7	A N	273
3031	4ACSR		51.2	24.9	0.0	A N	3	1	0	21	424	77	29	98	0.3	3.7	122.3	0.8	0.1	A N	3031
303	4ACSR		52.6	24.9	0.0	A N	32	6	2	18	360	65	25	98	0.2	3.8	122.2	0.4	-0.0	A N	303
3034	4ACSR		55.6	24.9	0.0	A N	27	5	2	12	246	45	17	98	0.2	4.0	122.0	0.4	-0.3	A N	3034
304	4ACSR		57.0	24.9	0.0	A N	50	10	3	2	50	9	3	98	0.0	4.1	121.9	0.0	-0.3	A N	304
3041	4ACSR		61.8	24.9	0.0	A N	168	32	12	8	169	31	12	98	0.2	4.2	121.8	0.2	-1.1	A N	3041
3033	4ACSR		57.4	24.9	0.0	A N	81	15	6	4	81	14	6	98	0.1	3.9	122.1	0.0	-0.9	A N	3033
3032	4ACSR		53.9	24.9	0.0	A N	61	12	4	3	61	11	4	98	0.0	3.7	122.3	0.0	-0.5	A N	3032
274	4ACSR		55.4	24.9	0.0	A N	101	19	7	7	150	25	10	99	0.2	3.6	122.4	0.2	-1.1	A N	274
2642	4ACSR		56.0	24.9	0.0	A N	0	0	0	2	49	7	3	99	0.0	3.6	122.4	0.0	-0.1	A N	2642
2643	4ACSR		59.6	24.9	0.0	A N	0	0	0	2	49	7	3	99	0.1	3.7	122.3	0.0	-0.7	A N	2643
2644	4ACSR		63.6	24.9	0.0	A N	25	5	2	1	25	4	2	99	0.0	3.7	122.3	0.0	-0.8	A N	2644
275	4ACSR		65.5	24.9	0.0	A N	23	4	2	1	23	3	2	99	0.0	3.7	122.3	0.0	-1.1	A N	275
272	4ACSR		51.8	24.9	0.0	A N	51	10	3	7	144	24	10	99	0.4	2.4	123.6	0.3	-1.7	A N	272
2721	4ACSR		55.7	24.9	0.0	A N	75	14	5	4	75	13	5	98	0.0	2.4	123.6	0.0	-0.8	A N	2721
2722	4ACSR		54.5	24.9	0.0	A N	18	3	1	1	18	3	1	99	0.0	2.4	123.6	0.0	-0.5	A N	2722
251	4ACSR		38.9	24.9	0.0	A N	89	17	6	19	397	72	27	98	0.5	0.5	125.5	1.2	-0.2	A N	251
2511	4ACSR		41.8	24.9	0.0	A N	140	26	9	15	307	56	21	98	0.2	0.8	125.2	0.4	-0.4	A N	2511
247	4ACSR		45.7	24.9	0.0	A N	65	12	4	6	134	24	9	98	0.1	0.9	125.1	0.1	-0.7	A N	247
2471	4ACSR		47.9	24.9	0.0	A N	69	13	5	3	69	13	5	98	0.0	0.9	125.1	0.0	-0.4	A N	2471
250	4ACSR		46.6	24.9	0.0	A N	33	6	2	2	33	5	2	99	0.0	0.8	125.2	0.0	-1.0	A N	250
2712	4ACSR		29.8	24.9	0.0	A N	1	0	0	4	81	13	5	99	0.0	1.4	124.6	0.0	-0.2	A N	2712
271	4ACSR		38.4	24.9	0.0	A N	52	10	4	3	52	8	4	99	0.1	1.5	124.5	0.0	-1.7	A N	271
2711	4ACSR		32.6	24.9	0.0	A N	28	5	2	1	28	5	2	99	0.0	1.4	124.6	0.0	-0.6	A N	2711
268	4ACSR		23.5	24.9	0.0	A N	42	8	3	7	150	27	10	98	0.2	1.2	124.8	0.2	-1.0	A N	268
26801	4ACSR		27.9	24.9	0.0	A N	108	20	7	5	108	20	7	98	0.1	1.3	124.7	0.1	-0.8	A N	26801
30002	4ACSR		12.7	24.9	0.0	A N	27	5	2	1	27	4	2	99	0.0	0.5	125.5	0.0	-1.0	A N	30002

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********** Load-Flow Results For Hunt Ckt 2 **********
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Hunt Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					578	101	26	99			126.0			ABCN	Feeder
332	1/0ACSR	6.3	12.5	0.0	ABCN	-0	-0	0	11	578	101	26	99	0.6	0.6	125.4	2.7	0.8	ABCN	332
333	1/0ACSR	10.6	12.5	0.0	ABCN	18	3	1	7	344	57	15	99	0.3	0.9	125.1	0.6	-0.3	ABCN	333
320	4ACSR	11.3	12.5	0.0	A N	20	4	3	27	276	52	37	98	0.2	1.2	124.8	0.5	0.2	A N	320
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 320																				
A N : Tap = 1 RAISE																				
Regulator		11.3	12.5	0.0	A N				35	256	48	35	98	-0.8	0.4	125.6	0.0	0.0	A N	Regulator
32000	4ACSR	12.1	12.5	0.0	A N	4	1	1	25	256	48	35	98	0.3	0.6	125.4	0.5	0.2	A N	32000
32001	4ACSR	16.7	12.5	0.0	A N	6	1	1	24	251	47	34	98	1.5	2.1	123.9	2.7	1.2	A N	32001
32002	4ACSR	19.9	12.5	0.0	A N	21	4	3	4	36	6	5	99	0.1	2.2	123.8	0.0	-0.1	A N	32002
32003	4ACSR	25.2	12.5	0.0	A N	9	2	1	1	15	2	2	99	0.1	2.3	123.7	0.0	-0.3	A N	32003
32004	4ACSR	32.6	12.5	0.0	A N	6	1	1	1	6	1	1	99	0.0	2.3	123.7	0.0	-0.4	A N	32004
321	4ACSR	22.6	12.5	0.0	A N	48	9	7	20	206	38	28	98	1.4	3.5	122.5	2.0	0.8	A N	321
310	4ACSR	29.6	12.5	0.0	A N	68	13	9	12	118	22	16	98	0.8	4.3	121.7	0.6	-0.0	A N	310
31000	4ACSR	35.7	12.5	0.0	A N	49	9	7	5	49	9	7	98	0.2	4.5	121.5	0.1	-0.3	A N	31000
31001	4ACSR	28.7	12.5	0.0	A N	39	7	5	4	39	7	5	98	0.2	3.7	122.3	0.0	-0.3	A N	31001
334	1/0ACSR	14.4	12.5	0.0	ABCN	17	3	1	1	49	2	2	100	0.0	0.9	125.1	0.0	-0.7	ABCN	334
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 334																				
ABCN : Tap = 0 NEUTRAL																				
Regulator		14.4	12.5	0.0	ABCN				1	32	-0	1	-100	0.0	0.9	125.1	0.0	0.0	ABCN	Regulator
33400	1/0ACSR	15.8	12.5	0.0	ABCN	0	0	0	1	32	-0	1	-100	0.0	0.9	125.1	0.0	-0.3	ABCN	33400
33401	1/0ACSR	17.7	12.5	0.0	ABCN	0	0	0	1	32	-0	1	-100	0.0	0.9	125.1	0.0	-0.4	ABCN	33401
329	1/0ACSR	20.8	12.5	0.0	ABCN	32	1	1	1	32	0	1	100	0.0	0.9	125.1	0.0	-0.6	ABCN	329
317	4ACSR	12.2	12.5	0.0	A N	49	9	7	22	231	43	31	98	1.6	2.2	123.8	2.5	1.0	A N	317
301	4ACSR	13.6	12.5	0.0	A N	45	8	6	18	180	33	25	98	0.3	2.5	123.5	0.3	0.1	A N	301
30100	4ACSR	19.6	12.5	0.0	A N	54	10	8	13	134	25	18	98	0.8	3.4	122.6	0.7	0.1	A N	30100
30101	4ACSR	27.7	12.5	0.0	A N	79	15	11	8	79	14	11	98	0.4	3.8	122.2	0.3	-0.3	A N	30101
316	4ACSR	16.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.2	A N	316

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********** Load-Flow Results For Hunt Ckt 3 **********
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Hunt Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2831	519	64	98			126.0			ABCN	Feeder
72	1/0ACSR	4.4	24.9	0.0	ABCN	22	4	1	28	2831	519	64	98	0.5	0.5	125.5	11.2	5.1	ABCN	72
72721	1/0ACSR	9.1	24.9	0.0	ABCN	83	15	2	27	2797	510	63	98	0.6	1.1	124.9	11.7	5.2	ABCN	72721
344	4ACSR	17.5	24.9	0.0	A N	5	1	0	0	5	-1	0	-99	0.0	1.2	124.8	0.0	-1.7	A N	344
345	1/0ACSR	14.9	24.9	0.0	ABCN	86	16	2	27	2698	490	61	98	0.7	1.8	124.2	13.4	5.8	ABCN	345
355	1/0ACSR	19.3	24.9	0.0	ABCN	9	2	0	26	2586	468	59	98	0.5	2.3	123.7	9.6	4.0	ABCN	355
3552	1/0ACSR	20.8	24.9	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	2.3	123.7	0.0	-1.1	ABCN	3552
3551	1/0ACSR	20.7	24.9	0.0	ABCN	11	2	0	26	2567	464	59	98	0.2	2.5	123.5	3.0	1.3	ABCN	3551
361	1/0ACSR	27.9	24.9	0.0	ABCN	4	1	0	25	2553	461	58	98	0.8	3.3	122.7	15.7	6.5	ABCN	361
3611	1/0ACSR	34.3	24.9	0.0	ABCN	69	13	2	25	2533	453	58	98	0.7	4.1	121.9	13.5	5.6	ABCN	3611
374	1/0ACSR	40.5	24.9	0.0	ABCN	111	21	3	22	2185	392	51	98	0.6	4.7	121.3	9.6	2.9	ABCN	374
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 374																				
	ABCN : Tap = 6 RAISE																			
Regulator			40.5	24.9	0.0	ABCN				48	2064	368	48	98	-4.5	0.1	125.7	0.0	0.0	ABCN	Regulator
3741	1/0ACSR	40.8	24.9	0.0	ABCN	0	0	0	20	2064	368	46	98	0.0	0.1	125.9	0.5	0.1	ABCN	3741
3742	1/0ACSR	47.4	24.9	0.0	ABCN	119	22	3	20	2063	368	46	98	0.6	0.7	125.3	8.5	1.4	ABCN	3742
376	1/0ACSR	48.6	24.9	0.0	ABCN	6	1	0	18	1827	327	41	98	0.1	0.8	125.2	1.3	0.1	ABCN	376
403	1/0ACSR	52.7	24.9	0.0	ABCN	157	29	4	15	1547	276	35	98	0.3	1.1	124.9	2.9	-0.9	ABCN	403
404	1/0ACSR	56.9	24.9	0.0	ABCN	7	1	0	14	1387	248	31	98	0.3	1.4	124.6	2.7	-1.2	ABCN	404
406	1/0ACSR	61.7	24.9	0.0	ABCN	134	25	3	13	1353	244	31	98	0.3	1.6	124.4	2.6	-1.6	ABCN	406
40600	1/0ACSR	62.3	24.9	0.0	ABCN	54	10	1	11	1148	210	26	98	0.0	1.7	124.3	0.2	-0.3	ABCN	40600
410	4ACSR	65.8	24.9	0.0	A N	206	38	14	28	579	105	40	98	0.5	2.5	123.5	2.0	0.4	A N	410
411	4ACSR	70.4	24.9	0.0	A N	89	17	6	10	197	35	14	98	0.2	2.7	123.3	0.3	-0.8	A N	411
401	6ACWC	76.4	24.9	0.0	A N	108	20	7	5	108	19	7	98	0.1	2.8	123.2	0.1	-1.1	A N	401
4100	4ACSR	67.3	24.9	0.0	A N	173	32	12	9	173	32	12	98	0.0	2.5	123.5	0.1	-0.3	A N	4100
413	4ACSR	68.4	24.9	0.0	A N	129	24	9	25	512	92	35	98	0.9	2.8	123.2	3.1	0.4	A N	413
414	6ACWC	74.3	24.9	0.0	A N	145	27	10	9	176	31	12	98	0.2	3.0	123.0	0.2	-1.0	A N	414
41400	6ACWC	78.5	24.9	0.0	A N	31	6	2	2	31	5	2	99	0.0	3.0	123.0	0.0	-0.8	A N	41400
415	6ACWC	74.9	24.9	0.0	A N	204	38	14	10	204	37	14	98	0.2	3.0	123.0	0.3	-1.1	A N	415
407	6ACWC	66.0	24.9	0.0	A N	62	12	4	3	67	11	5	99	0.0	2.0	124.0	0.0	-0.8	A N	407
40700	6ACWC	71.8	24.9	0.0	A N	5	1	0	0	5	-0	0	-100	0.0	2.0	124.0	0.0	-1.1	A N	40700
405	4ACSR	63.9	24.9	0.0	A N	25	5	2	1	25	3	2	99	0.0	1.6	124.4	0.0	-1.4	A N	405
402	4ACSR	52.6	24.9	0.0	A N	160	30	11	13	271	49	18	98	0.3	1.3	124.7	0.4	-0.6	A N	402
4021	4ACSR	56.7	24.9	0.0	A N	110	20	8	5	110	20	7	98	0.1	1.3	124.7	0.1	-0.8	A N	4021
377	6ACWC	54.1	24.9	0.0	A N	50	9	3	5	110	18	7	99	0.2	1.1	124.9	0.1	-1.3	A N	377
400	4ACSR	61.1	24.9	0.0	A N	60	11	4	3	60	10	4	99	0.1	1.2	124.8	0.0	-1.4	A N	400
358	4ACSR	38.2	24.9	0.0	A N	60	11	4	13	266	43	18	99	0.3	4.5	121.5	0.6	-0.4	A N	358
362	4ACSR	46.3	24.9	0.0	A N	28	5	2	1	28	4	2	99	0.0	4.5	121.5	0.0	-1.5	A N	362
363	4ACSR	44.8	24.9	0.0	A N	119	22	8	9	177	28	12	99	0.3	4.7	121.3	0.3	-1.1	A N	363
356	4ACSR	62.8	24.9	0.0	A N	58	11	4	3	58	7	4	99	0.2	4.9	121.1	0.1	-3.4	A N	356
346	4ACSR	21.0	24.9	0.0	A N	7	1	0	1	12	0	1	100	0.0	1.9	124.1	0.0	-1.2	A N	346
34699	4ACSR	26.4	24.9	0.0	A N	5	1	0	0	5	-0	0	-100	0.0	1.9	124.1	0.0	-1.1	A N	34699

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********** Load-Flow Results For Hunt Ckt 4 **********
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Hunt Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					3427	479	76	99			126.0			ABCN	Feeder
	66	397ACSR	9.0	24.9	0.0	ABCN	34	6	1	13	3427	479	76	99	0.4	0.4	125.6	7.6	10.8	ABCN	66
	6666	397ACSR	10.5	24.9	0.0	ABCN	4	1	0	12	3233	440	72	99	0.1	0.4	125.6	1.2	1.5	ABCN	6666
	63	4ACSR	12.4	24.9	0.0	A N	17	3	1	16	328	58	22	98	0.2	0.6	125.4	0.5	-0.1	A N	63
	63000	4ACSR	19.9	24.9	0.0	A N	149	28	10	15	311	55	21	98	0.6	1.2	124.8	1.1	-0.9	A N	63000
	63001	4ACSR	24.6	24.9	0.0	A N	87	16	6	8	161	28	11	99	0.2	1.4	124.6	0.2	-0.9	A N	63001
	63002	4ACSR	28.9	24.9	0.0	A N	74	14	5	4	74	13	5	99	0.1	1.4	124.6	0.0	-0.8	A N	63002
	65	397ACSR	16.9	24.9	0.0	ABCN	26	5	1	11	2901	380	65	99	0.2	0.7	125.3	3.9	4.0	ABCN	65
	64	397ACSR	21.3	24.9	0.0	ABCN	164	30	4	11	2854	369	64	99	0.1	0.8	125.2	2.5	2.3	ABCN	64
	64000	397ACSR	21.9	24.9	0.0	ABCN	0	0	0	10	2688	337	60	99	0.0	0.8	125.2	0.3	0.3	ABCN	64000
	60	2ACSR	27.4	24.9	0.0	ABCN	100	19	2	29	2353	279	53	99	0.8	1.6	124.4	13.9	3.1	ABCN	60
	60000	2ACSR	29.6	24.9	0.0	ABCN	0	-0	0	28	2239	258	50	99	0.3	1.9	124.1	5.5	1.2	ABCN	60000
	57	2ACSR	35.8	24.9	0.0	ABCN	48	9	1	28	2233	257	50	99	0.9	2.8	123.2	14.7	3.1	ABCN	57
	57000	2ACSR	40.0	24.9	0.0	ABCN	-0	0	0	27	2171	245	49	99	0.6	3.4	122.6	9.8	2.0	ABCN	57000
	57001	2ACSR	40.7	24.9	0.0	ABCN	0	0	0	27	2161	243	49	99	0.1	3.5	122.5	1.8	0.4	ABCN	57001
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 57001																				
	ABCN : Tap = 4 RAISE																				
	Regulator		40.7	24.9	0.0	ABCN				49	2159	242	49	99	-3.1	0.4	125.4	-0.0	-0.0	ABCN	Regulator
	55	2ACSR	49.0	24.9	0.0	ABCN	23	4	1	27	2159	244	48	99	1.1	1.5	124.5	18.3	3.2	ABCN	55
	40	1/0ACSR	50.6	24.9	0.0	ABCN	0	0	0	4	391	62	9	99	0.0	1.6	124.4	0.1	-1.1	ABCN	40
	40000	1/0ACSR	53.6	24.9	0.0	ABCN	6	1	0	4	391	63	9	99	0.1	1.6	124.4	0.1	-2.1	ABCN	40000
	40001	4ACSR	58.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-86	0.0	1.7	124.3	0.0	-1.0	A N	40001
	40002	1/0ACSR	54.3	24.9	0.0	ABCN	68	13	2	4	384	65	9	99	0.0	1.6	124.4	0.0	-0.5	ABCN	40002
	40003	1/0ACSR	61.4	24.9	0.0	ABCN	-0	0	0	3	316	53	7	99	0.1	1.7	124.3	0.2	-5.2	ABCN	40003
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 40003																				
	Transformer		61.4	12.4	0.0	ABCN				32	316	58	7	98	0.0	1.7	124.3	0.0	0.0	ABCN	Transformer
	34	4ACSR	68.1	12.4	0.0	A N	22	4	3	18	181	33	25	98	1.5	3.3	122.7	1.9	0.7	A N	34
	34000	4ACSR	73.3	12.4	0.0	A N	31	6	4	16	157	29	22	98	1.0	4.3	121.7	1.1	0.3	A N	34000
	32	4ACSR	82.2	12.4	0.0	A N	89	16	12	9	89	16	12	98	0.5	4.8	121.2	0.4	-0.2	A N	32
	33	4ACSR	79.4	12.4	0.0	A N	36	7	5	4	36	6	5	98	0.1	4.4	121.6	0.0	-0.3	A N	33
	35	4ACSR	65.9	12.4	0.0	A N	29	5	4	13	135	24	18	98	0.7	2.5	123.5	0.6	0.1	A N	35
	36	1/0ACSR	67.4	12.4	0.0	A N	17	3	2	4	74	13	10	98	0.1	2.6	123.4	0.0	-0.0	A N	36
	36000	4ACSR	72.9	12.4	0.0	A N	57	10	8	6	57	10	8	98	0.2	2.8	123.2	0.1	-0.2	A N	36000
	37	4ACSR	71.9	12.4	0.0	A N	19	4	3	3	31	5	4	99	0.2	2.7	123.3	0.0	-0.3	A N	37
	37000	4ACSR	79.4	12.4	0.0	A N	12	2	2	1	12	2	2	99	0.1	2.8	123.2	0.0	-0.4	A N	37000
	41	1/0ACSR	56.7	24.9	0.0	ABCN	131	24	3	17	1726	174	39	99	0.5	2.1	123.9	6.9	-0.5	ABCN	41
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 41																				
T	Transformer		56.7	12.4	0.0	ABCN				160	1589	151	36	100	0.0	2.1	123.9	0.0	0.0	ABCN	Transformer
	42	4ACSR	61.3	12.4	0.0	A N	59	11	8	6	59	11	8	98	0.2	2.4	123.6	0.1	-0.2	A N	42
	43	1/0ACSR	59.4	12.4	0.0	ABCN	36	7	2	30	1530	140	69	100	0.7	2.8	123.2	8.1	5.6	ABCN	43
	44	4ACSR	61.4	12.4	0.0	A N	2	0	0	23	228	43	32	98	0.6	3.5	122.5	1.0	0.4	A N	44
	44000	4ACSR	71.3	12.4	0.0	A N	223	41	31	22	226	42	31	98	1.5	5.0	121.0	2.6	0.9	A N	44000
	45	1/0ACSR	61.2	12.4	0.0	ABCN	20	-154	7	25	1257	84	57	100	0.4	3.1	122.9	3.5	2.4	ABCN	45
	Capacitor (Wye-Gnd Connected) at Center of Section 45																				
	ABCN : Nominal = 150 kvar Actual = 158 kvar																				
	46	1/0ACSR	61.7	12.4	0.0	ABCN	19	4	1	9	457	86	21	98	0.0	3.2	122.8	0.1	0.0	ABCN	46
	46000	1/0ACSR	68.4	12.4	0.0	ABCN	161	30	7	9	437	82	20	98	0.4	3.6	122.4	1.5	0.0	ABCN	46000
	50	4ACSR	71.8	12.4	0.0	A N	30	6	4	3	30	5	4	98	0.1	4.2	121.8	0.0	-0.2	A N	50
	38	6ACWC	72.1	12.4	0.0	A N	99	18	14	24	244	45	34	98	0.9	5.0	121.0	1.4	0.7	A N	38
	38000	6ACWC	78.9	12.4	0.0	A N	85	16	12	14	143	26	20	98	0.9	5.9	120.1	0.8	0.2	A N	38000
	38001	6ACWC	84.3	12.4	0.0	A N	57	11	8	6	57	10	8	98	0.2	6.1	119.9	0.1	-0.2	A N	38001
	45000	1/0ACSR	67.1	12.4	0.0	ABCN	103	19	5	16	776	150	36	98	0.8	3.9	122.1	4.4	2.3	ABCN	45000
	45001	4ACSR	68.1	12.4	0.0	A N	0	0	0	18	183	33	25	98	0.3	4.6	121.4	0.4	0.1	A N	45001
	53	4ACSR	77.5	12.4	0.0	A N	121	22	17	12	122	22	17	98	0.8	5.3	120.7	0.7	-0.1	A N	53
	54	4ACSR	72.1	12.4	0.0	A N	52	10	7	6	60	11	8	98	0.2	4.7	121.3	0.1	-0.1	A N	54
	54002	4ACSR	74.1	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	4.7	121.3	0.0	-0.1	A N	54002
	54003	4ACSR	79.0	12.4	0.0	A N	8	2	1	1	8	1	1	99	0.0	4.8	121.2	0.0	-0.3	A N	54003
L	52	4ACSR	76.3	12.4	0.0	A N	261	48	37	48	485	94	68	98	4.3	8.6	117.4	13.5	6.7	A N	52
L	51	4ACSR	82.6	12.4	0.0	A N	97	18	14	10	97	18	14	98	0.4	9.1	116.9	0.3	-0.1	A N	51
L	52000	4ACSR	76.7	12.4	0.0	A N	22	4	3	12	113	21	16	98	0.1	8.7	117.3	0.0	0.0	A N	52000
L	52001	4ACSR	80.2	12.4	0.0	A N	91	17	13	9	91	17	13	98	0.2	8.9	117.1	0.2	-0.1	A N	52001

Hunt Ckt 4

		Phase	Dist	Nom	%V	Phs		Section Load			Ldg	Load Into Section -- 120V Bas				Volt Accm	Volt	Losses		Phs		
	Section	Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg	Section
L		52002	4ACSR	77.1	12.4	0.0	A	N	0	0	0	0	0	-0	0	0	-0.0	8.7	117.3	0.0	-0.0	A N 52002
		56	4ACSR	47.4	24.9	0.0	A	N	0	0	0	0	0	-1	0	-15	-0.0	0.5	125.5	0.0	-1.4	A N 56
		6000	397ACSR	24.1	24.9	0.0	ABC	N	0	0	0	0	0	-2	0	0	-0.0	0.8	125.2	0.0	-1.9	ABCN 6000
		61	4ACSR	27.9	24.9	0.0	A	N	7	1	0	16	335	59	23	98	0.6	1.5	124.5	1.6	-0.4	A N 61
		61000	4ACSR	31.6	24.9	0.0	A	N	98	18	7	16	326	58	22	98	0.3	1.8	124.2	0.7	-0.4	A N 61000
		61001	4ACSR	35.3	24.9	0.0	A	N	89	17	6	4	89	16	6	98	0.1	1.9	124.1	0.0	-0.7	A N 61001
		61002	4ACSR	38.2	24.9	0.0	A	N	138	25	9	7	138	24	9	98	0.1	2.0	124.0	0.2	-1.2	A N 61002
		70	6ACWC	24.4	24.9	0.0	A	N	17	3	1	1	17	2	1	100	0.0	0.7	125.3	0.0	-1.5	A N 70
		71	4ACSR	10.8	24.9	0.0	A	N	8	1	1	7	152	22	10	99	0.1	0.5	125.5	0.1	-0.3	A N 71
		71099	4ACSR	18.8	24.9	0.0	A	N	97	18	7	6	131	21	9	99	0.2	0.7	125.3	0.2	-1.5	A N 71099
		71098	4ACSR	26.1	24.9	0.0	A	N	33	6	2	2	33	5	2	99	0.0	0.7	125.3	0.0	-1.5	A N 71098
		77	6ACWC	18.5	24.9	0.0	A	N	13	2	1	1	13	-1	1	-100	0.0	0.5	125.5	0.0	-1.6	A N 77
		77000	4ACSR	25.7	24.9	0.0	A	N	0	0	0	0	0	-1	0	0	-0.0	0.5	125.5	0.0	-1.5	A N 77000

********** Load Flow Results For Jeffersonville Ckt 1 **********

Jeffersonville Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					3434	607	77	98			126.0			ABCN	Feeder
	536	336ACSR	1.8	24.9	0.0	ABCN	41	7	1	15	3434	607	77	98	0.1	0.1	125.9	1.8	2.3	ABCN	536
	5362	336ACSR	4.8	24.9	0.0	ABCN	68	12	2	14	3245	572	73	98	0.1	0.2	125.8	2.8	3.2	ABCN	5362
	5363	336ACSR	8.1	24.9	0.0	ABCN	17	3	0	12	2887	506	65	98	0.1	0.4	125.6	2.4	2.2	ABCN	5363
	5364	336ACSR	9.4	24.9	0.0	ABCN	14	3	0	11	2665	469	60	98	0.0	0.4	125.6	0.8	0.6	ABCN	5364
	5365	336ACSR	10.7	24.9	0.0	ABCN	47	9	1	11	2650	466	60	98	0.1	0.5	125.5	0.8	0.6	ABCN	5365
	5366	336ACSR	12.5	24.9	0.0	ABCN	0	0	0	11	2491	437	56	98	0.1	0.5	125.5	1.0	0.5	ABCN	5366
	5368	1/0ACSR	12.9	24.9	0.0	ABCN	-0	-0	0	21	2164	378	49	99	0.0	0.6	125.4	0.5	0.1	ABCN	5368
	5367	1/0ACSR	14.3	24.9	0.0	ABCN	22	4	1	20	2073	363	47	99	0.1	0.7	125.3	1.9	0.4	ABCN	5367
	533	1/0ACSR	19.1	24.9	0.0	ABCN	15	3	0	19	1918	335	43	99	0.4	1.1	124.9	5.7	0.6	ABCN	533
	5331	1/0ACSR	19.4	24.9	0.0	ABCN	10	2	0	13	1363	230	31	99	0.0	1.1	124.9	0.2	-0.1	ABCN	5331
	530	1/0ACSR	22.3	24.9	0.0	ABCN	14	2	0	11	1135	191	26	99	0.1	1.3	124.7	1.2	-1.3	ABCN	530
	5301	4ACSR	27.0	24.9	0.0	A N	77	14	5	4	77	13	5	99	0.1	1.4	124.6	0.0	-0.9	A N	5301
	5302	1/0ACSR	25.1	24.9	0.0	ABCN	59	11	1	10	1042	177	24	99	0.1	1.4	124.6	0.9	-1.4	ABCN	5302
	526	1/0ACSR	30.4	24.9	0.0	ABCN	128	23	3	7	755	128	17	99	0.2	1.6	124.4	0.9	-3.3	ABCN	526
	5230	1/0ACSR	32.2	24.9	0.0	ABCN	122	20	3	1	122	19	3	99	0.0	1.6	124.4	0.0	-1.3	ABCN	5230
	524	4ACSR	34.5	24.9	0.0	A N	101	18	7	25	503	88	34	98	0.6	2.2	123.8	2.1	0.3	A N	524
	5240	4ACSR	39.3	24.9	0.0	A N	136	25	9	20	400	70	27	99	0.5	2.8	123.2	1.4	-0.2	A N	5240
	544	4ACSR	43.4	24.9	0.0	A N	148	27	10	13	263	45	18	99	0.3	3.0	123.0	0.4	-0.6	A N	544
	5440	4ACSR	50.7	24.9	0.0	A N	102	19	7	5	102	17	7	99	0.1	3.1	122.9	0.1	-1.4	A N	5440
	5441	4ACSR	44.9	24.9	0.0	A N	11	2	1	1	11	2	1	99	0.0	3.0	123.0	0.0	-0.3	A N	5441
	5272	4ACSR	25.9	24.9	0.0	A N	133	24	9	11	228	40	15	99	0.0	1.5	124.5	0.1	-0.1	A N	5272
	527	4ACSR	28.9	24.9	0.0	A N	55	10	4	3	55	9	4	99	0.0	1.5	124.5	0.0	-0.6	A N	527
	5271	4ACSR	29.8	24.9	0.0	A N	40	7	3	2	40	6	3	99	0.0	1.5	124.5	0.0	-0.8	A N	5271
	531	6ACWC	23.7	24.9	0.0	A N	15	3	1	11	218	37	15	99	0.3	1.4	124.6	0.4	-0.6	A N	531
	5311	6ACWC	28.2	24.9	0.0	A N	114	21	8	6	114	20	8	99	0.1	1.5	124.5	0.1	-0.9	A N	5311
	9531	6ACWC	26.5	24.9	0.0	A N	89	16	6	4	89	16	6	98	0.0	1.5	124.5	0.0	-0.5	A N	9531
	Transformer	AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 532																			
T	Transformer			19.1	12.4	0.0	A N				163	534	101	36	98	0.0	1.1	124.9	0.0	0.0	A N	Transformer
	532	6ACWC	23.9	12.4	0.0	A N	187	34	26	52	534	101	73	98	2.5	3.7	122.3	8.7	5.0	A N	532
	5321	6ACWC	29.2	12.4	0.0	A N	94	17	13	34	338	63	47	98	1.9	5.6	120.4	4.3	2.3	A N	5321
	546	4ACSR	30.8	12.4	0.0	A N	18	3	3	23	231	42	33	98	0.5	6.0	120.0	0.8	0.4	A N	546
	5461	4ACSR	38.0	12.4	0.0	A N	60	11	8	6	60	11	8	98	0.3	6.3	119.7	0.1	-0.3	A N	5461
	547	4ACSR	41.7	12.4	0.0	A N	151	27	22	15	153	28	22	98	1.1	7.2	118.8	1.4	0.2	A N	547
	548	4ACSR	35.5	12.4	0.0	A N	8	2	1	1	8	1	1	99	0.0	5.6	120.4	0.0	-0.3	A N	548
	535	4ACSR	19.0	24.9	0.0	A N	131	24	9	6	131	23	9	99	0.1	0.8	125.2	0.1	-0.9	A N	535
	5369	1/0ACSR	15.9	24.9	0.0	A N	90	16	6	3	90	16	6	99	0.0	0.6	125.4	0.0	-0.6	A N	5369
	9534	4ACSR	16.6	24.9	0.0	A N	107	19	7	16	326	58	22	98	0.4	0.9	125.1	0.8	-0.4	A N	9534
	534	6ACWC	21.6	24.9	0.0	A N	218	40	15	11	219	39	15	98	0.2	1.1	124.9	0.3	-0.8	A N	534
	53651	4ACSR	13.4	24.9	0.0	A N	110	20	7	5	110	19	7	98	0.0	0.5	125.5	0.0	-0.5	A N	53651
	734	4ACSR	15.3	24.9	0.0	A N	75	14	5	10	203	32	14	99	0.4	0.8	125.2	0.5	-1.2	A N	734
	7341	4ACSR	19.4	24.9	0.0	A N	9	2	1	1	11	1	1	100	0.0	0.8	125.2	0.0	-0.8	A N	7341
	545	6ACWC	21.3	24.9	0.0	A N	2	0	0	0	2	-0	0	-100	0.0	0.8	125.2	0.0	-0.4	A N	545
	735	4ACSR	21.1	24.9	0.0	A N	93	17	6	6	116	19	8	99	0.1	0.9	125.1	0.1	-1.1	A N	735
	7351	4ACSR	27.7	24.9	0.0	A N	24	4	2	1	24	3	2	99	0.0	0.9	125.1	0.0	-1.3	A N	7351
	725	6ACWC	8.0	24.9	0.0	A N	50	9	3	14	287	51	19	98	0.3	0.5	125.5	0.5	-0.4	A N	725
	7251	6ACWC	11.8	24.9	0.0	A N	203	37	14	10	203	36	14	98	0.1	0.6	125.4	0.2	-0.6	A N	7251
	7252	6ACWC	10.0	24.9	0.0	A N	33	6	2	2	33	6	2	99	0.0	0.5	125.5	0.0	-0.4	A N	7252
	5361	4ACSR	7.1	24.9	0.0	A N	147	27	10	7	147	26	10	99	0.1	0.2	125.8	0.1	-1.0	A N	5361

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********** Load Flow Results For Jeffersonville Ckt 2 **********

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Jeffersonville Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					1746	131	39	100			126.0			ABCN	Feeder
	726	336ACSR	1.6	24.9	0.0	ABCN	73	14	2	7	1746	131	39	100	0.0	0.0	126.0	0.4	-0.6	ABCN	726
	7261	336ACSR	8.5	24.9	0.0	ABCN	10	2	0	7	1673	118	37	100	0.1	0.2	125.8	1.6	-2.5	ABCN	7261
	727	336ACSR	10.9	24.9	0.0	ABCN	0	-165	4	7	1565	106	35	100	0.1	0.2	125.8	0.5	-1.0	ABCN	727
	Capacitor (Wye-Gnd Connected) at Center of Section 727																				
	ABCN : Nominal = 150 kvar Actual = 165 kvar																				
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 7302																				
T	Transformer		10.9	12.4	0.0	ABCN				159	1564	272	35	99	0.0	0.2	125.8	0.0	0.0	ABCN	Transformer
	7302	336ACSR	12.1	12.4	0.0	ABCN	56	11	3	13	1564	272	70	99	0.1	0.3	125.7	1.0	1.8	ABCN	7302
	7301	336ACSR	13.9	12.4	0.0	ABCN	42	7	2	13	1507	259	68	99	0.2	0.5	125.5	1.4	2.6	ABCN	7301
	730	336ACSR	15.4	12.4	0.0	ABCN	10	2	0	12	1463	249	66	99	0.1	0.6	125.4	1.1	2.0	ABCN	730
	728	1/0CU	16.7	12.4	0.0	ABCN	59	4	3	4	284	48	13	99	0.0	0.6	125.4	0.1	-0.2	ABCN	728
	7281	6ACWC	20.8	12.4	0.0	A N	224	43	31	22	225	44	31	98	0.6	1.2	124.8	0.9	0.4	A N	7281
	731	2ACSR	16.9	12.4	0.0	ABCN	22	4	1	17	685	109	31	99	0.3	0.9	125.1	1.3	0.4	ABCN	731
	7311	2ACSR	20.4	12.4	0.0	ABCN	38	7	2	17	662	104	30	99	0.6	1.4	124.6	2.8	0.8	ABCN	7311
	732	2ACSR	26.3	12.4	0.0	ABCN	408	56	19	14	565	86	26	99	0.5	2.0	124.0	4.4	1.9	ABCN	732
	7321	2ACSR	30.2	12.4	0.0	ABCN	36	7	2	3	112	21	5	98	0.1	2.1	123.9	0.1	-0.6	ABCN	7321
	724	4ACSR	37.2	12.4	0.0	A N	53	10	7	7	76	14	10	98	0.5	3.5	122.5	0.2	-0.2	A N	724
	7241	4ACSR	45.1	12.4	0.0	A N	22	4	3	2	22	4	3	98	0.1	3.6	122.4	0.0	-0.4	A N	7241
	7320	6ACWC	30.3	12.4	0.0	A N	40	8	6	4	40	8	6	98	0.1	3.0	123.0	0.0	-0.2	A N	7320
	743	6ACWC	29.2	12.4	0.0	A N	36	7	5	5	55	10	8	98	0.4	1.9	124.1	0.1	-0.4	A N	743
	7431	6ACWC	36.5	12.4	0.0	A N	19	4	3	2	19	3	3	99	0.1	2.0	124.0	0.0	-0.3	A N	7431
	744	1/0CU	18.8	12.4	0.0	ABCN	0	0	0	7	483	88	22	98	0.2	0.8	125.2	0.6	0.0	ABCN	744
	7441	1/0CU	24.1	12.4	0.0	ABCN	26	5	1	7	448	82	20	98	0.2	1.0	125.0	0.7	-0.1	ABCN	7441
	737	1/0CU	30.3	12.4	0.0	ABCN	16	3	1	2	134	21	6	99	0.1	1.1	124.9	0.1	-1.1	ABCN	737
	7371	1/0CU	35.8	12.4	0.0	ABCN	10	2	0	2	118	19	5	99	0.1	1.2	124.8	0.1	-1.0	ABCN	7371
	7372	1/0CU	43.1	12.4	0.0	ABCN	15	3	1	2	109	18	5	99	0.1	1.2	124.8	0.1	-1.3	ABCN	7372
	7373	6ACWC	49.7	12.4	0.0	A N	32	6	4	3	32	6	4	98	0.1	1.5	124.5	0.0	-0.3	A N	7373
	7374	1/0CU	47.3	12.4	0.0	ABCN	16	3	1	1	62	10	3	99	0.0	1.3	124.7	0.0	-0.8	ABCN	7374
	7375	6ACWC	50.0	12.4	0.0	A N	27	5	4	3	27	5	4	98	0.0	1.4	124.6	0.0	-0.1	A N	7375
	7376	1/0CU	50.4	12.4	0.0	ABCN	18	4	1	0	18	3	1	99	0.0	1.3	124.7	0.0	-0.6	ABCN	7376
	740	6ACWC	31.1	12.4	0.0	A N	81	16	11	28	287	56	39	98	2.1	3.2	122.8	3.9	2.0	A N	740
	7401	6ACWC	36.2	12.4	0.0	A N	50	10	7	20	202	38	28	98	1.1	4.3	121.7	1.5	0.7	A N	7401
	741	6ACWC	41.4	12.4	0.0	A N	40	8	6	4	40	7	6	98	0.1	4.4	121.6	0.0	-0.2	A N	741
	742	6ACWC	40.2	12.4	0.0	A N	45	9	6	11	111	21	15	98	0.4	4.7	121.3	0.3	-0.0	A N	742
	7421	6ACWC	51.0	12.4	0.0	A N	65	12	9	7	65	12	9	98	0.4	5.1	120.9	0.2	-0.4	A N	7421
	7442	4ACSR	22.2	12.4	0.0	A N	34	6	5	3	34	6	5	98	0.1	0.9	125.1	0.0	-0.2	A N	7442
	736	4ACSR	15.5	24.9	0.0	A N	11	2	1	5	96	12	6	99	0.2	0.4	125.6	0.1	-1.4	A N	736
	7361	4ACSR	18.4	24.9	0.0	A N	23	4	2	4	85	12	6	99	0.1	0.4	125.6	0.0	-0.6	A N	7361
	7362	4ACSR	28.0	24.9	0.0	A N	4	1	0	2	48	6	3	99	0.1	0.6	125.4	0.0	-1.9	A N	7362
	7363	4ACSR	34.6	24.9	0.0	A N	45	9	3	2	45	7	3	99	0.0	0.6	125.4	0.0	-1.3	A N	7363
	73612	4ACSR	22.5	24.9	0.0	A N	14	3	1	1	14	2	1	99	0.0	0.5	125.5	0.0	-0.8	A N	73612

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********** Load-Flow Results For Mariba Ckt 1 **********
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Mariba Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					808	24	36	100			126.0			ABCN	Feeder
1105	1/0ACSR	3.3	12.5	0.0	ABCN	25	8	1	15	808	24	36	100	0.4	0.4	125.6	2.6	1.3	ABCN	1105
1106	1/0ACSR	8.2	12.5	0.0	ABCN	365	-122	17	15	780	15	34	100	0.5	0.9	125.1	3.5	2.1	ABCN	1106
Capacitor (Wye-Gnd Connected) at Center of Section 1106																				
	ABCN : Nominal = 150 kvar						Actual = 164 kvar													
11063	1/0ACSR	11.9	12.5	0.0	ABCN	154	50	7	6	282	92	13	95	0.1	1.1	124.9	0.4	-0.3	ABCN	11063
11064	4ACSR	13.6	12.5	0.0	A N	103	33	14	10	103	33	14	95	0.1	1.8	124.2	0.1	-0.0	A N	11064
11065	1/0ACSR	12.9	12.5	0.0	ABCN	24	8	1	0	24	8	1	95	0.0	1.1	124.9	0.0	-0.2	ABCN	11065
11061	2ACSR	11.2	12.5	0.0	A N	121	40	17	10	129	42	18	95	0.2	1.6	124.4	0.2	-0.0	A N	11061
11062	2ACSR	15.5	12.5	0.0	A N	8	2	1	1	8	2	1	96	0.0	1.6	124.4	0.0	-0.2	A N	11062

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********** Load-Flow Results For Mariba Ckt 2 **********
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Mariba Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1836	387	83	98			126.0			ABCN	Feeder
	1122	1/0ACSR	6.3	12.5	0.0	ABCN	88	-138	7	36	1836	387	83	98	2.1	2.1	123.9	26.6	19.0	ABCN	1122
	Capacitor (Wye-Gnd Connected) at Center of Section 1122																				
		ABCN : Nominal = 150 kvar					Actual = 163 kvar														
	1124	1/0ACSR	9.5	12.5	0.0	ABCN	40	11	2	34	1655	488	77	96	1.0	3.1	122.9	12.1	8.5	ABCN	1124
	11241	336ACSR	14.7	12.5	0.0	ABCN	107	30	5	14	1603	468	75	96	0.6	3.7	122.3	4.9	9.2	ABCN	11241
	1127	4ACSR	16.8	12.5	0.0	A N	82	7	11	48	474	117	67	97	1.2	5.1	120.9	4.0	2.0	A N	1127
	1125	4ACSR	20.0	12.5	0.0	A N	39	11	6	31	305	85	44	96	1.3	6.4	119.6	2.9	1.4	A N	1125
L	1101	4ACSR	27.4	12.5	0.0	A N	78	22	11	25	241	68	35	96	2.1	8.6	117.4	3.5	1.5	A N	1101
L	11011	6ACWC	35.2	12.5	0.0	A N	34	10	5	4	34	9	5	96	0.2	8.7	117.3	0.0	-0.3	A N	11011
L	11012	6ACWC	31.3	12.5	0.0	A N	73	21	11	13	125	35	18	96	0.5	9.0	117.0	0.4	0.1	A N	11012
L	11013	6ACWC	38.2	12.5	0.0	A N	40	11	6	5	52	14	8	96	0.3	9.3	116.7	0.1	-0.2	A N	11013
L	1100	6ACWC	44.0	12.5	0.0	A N	12	3	2	1	12	3	2	97	0.0	9.4	116.6	0.0	-0.3	A N	1100
	1128	4ACSR	27.4	12.5	0.0	A N	21	6	3	2	22	5	3	97	0.1	6.6	119.4	0.0	-0.3	A N	1128
	11281	4ACSR	32.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-33	-0.0	6.6	119.4	0.0	-0.2	A N	11281
	1126	4ACSR	22.0	12.5	0.0	A N	34	9	5	8	83	23	12	96	0.5	5.6	120.4	0.3	-0.1	A N	1126
	11261	4ACSR	30.1	12.5	0.0	A N	49	14	7	5	49	13	7	96	0.3	5.9	120.1	0.1	-0.3	A N	11261
L	1130	6ACWC	22.0	12.5	0.0	A N	181	47	27	103	1015	308	145	96	8.8	12.7	113.3	62.0	36.9	A N	1130
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1130																				
		A N : Tap = 16 RAISE																			
C	Regulator			22.0	12.5	0.0	A N				118	773	224	118	96	-11.3	1.4	124.6	0.0	-0.0	A N	Regulator
	11302	6ACWC	24.9	12.5	0.0	A N	48	11	7	65	655	191	91	96	2.3	3.7	122.3	10.9	6.4	A N	11302
L	1145	6ACWC	32.6	12.5	0.0	A N	73	21	11	56	554	162	79	96	5.2	8.9	117.1	20.3	11.8	A N	1145
L	11456	6ACWC	37.8	12.5	0.0	A N	94	27	14	42	396	112	59	96	2.4	11.3	114.7	6.8	3.8	A N	11456
L	11457	6ACWC	38.7	12.5	0.0	A N	0	0	0	21	197	55	30	96	0.3	11.6	114.4	0.4	0.2	A N	11457
L	11450	4ACSR	39.6	12.5	0.0	A N	6	2	1	1	6	2	1	96	0.0	11.6	114.4	0.0	-0.0	A N	11450
	1141	4ACSR	42.7	12.5	0.0	A N	78	22	12	21	191	53	29	96	0.9	12.5	113.5	1.2	0.5	A N	1141
L	11411	6ACWC	48.9	12.5	0.0	A N	56	16	9	6	56	16	9	96	0.2	12.7	113.3	0.1	-0.2	A N	11411
L	11412	4ACSR	46.1	12.5	0.0	A N	21	6	3	6	55	15	8	97	0.2	12.7	113.3	0.1	-0.1	A N	11412
L	11413	6ACWC	49.6	12.5	0.0	A N	7	2	1	1	7	2	1	97	0.0	12.7	113.3	0.0	-0.1	A N	11413
L	11414	6ACWC	50.0	12.5	0.0	A N	16	5	2	3	28	8	4	97	0.1	12.8	113.2	0.0	-0.2	A N	11414
L	11415	6ACWC	55.5	12.5	0.0	A N	12	3	2	1	12	3	2	97	0.0	12.8	113.2	0.0	-0.2	A N	11415
L	1142	6ACWC	42.4	12.5	0.0	A N	31	9	5	11	99	27	15	96	0.5	11.8	114.2	0.4	0.0	A N	1142
L	1143	4ACSR	47.3	12.5	0.0	A N	16	4	2	2	16	4	2	97	0.1	11.9	114.1	0.0	-0.2	A N	1143
L	1144	6ACWC	45.2	12.5	0.0	A N	20	6	3	6	51	14	8	97	0.2	12.0	114.0	0.1	-0.1	A N	1144
L	11441	6ACWC	47.0	12.5	0.0	A N	0	0	0	3	31	9	5	96	0.1	12.1	113.9	0.0	-0.1	A N	11441
L	11442	6ACWC	52.9	12.5	0.0	A N	31	9	5	3	31	9	5	96	0.1	12.2	113.8	0.0	-0.2	A N	11442
L	11443	2ACSR	48.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	12.0	114.0	0.0	-0.2	A N	11443
L	11451	2ACSR	39.5	12.5	0.0	A N	64	18	9	5	64	18	9	96	0.2	9.1	116.9	0.1	-0.2	A N	11451
	1146	4ACSR	31.9	12.5	0.0	A N	42	12	6	4	42	12	6	96	0.2	3.9	122.1	0.1	-0.3	A N	1146
	11301	4ACSR	28.5	12.5	0.0	A N	117	33	16	12	117	33	16	96	0.5	1.9	124.1	0.5	-0.1	A N	11301
	1123	4ACSR	13.3	12.5	0.0	A N	66	19	9	7	67	18	9	96	0.3	2.6	123.4	0.2	-0.3	A N	1123

********** Load-Flow Results For Mariba Ckt 3 **********

Mariba Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1536	106	68	100			126.0			ABCN	Feeder
1120	336ACSR	1.9	12.5	0.0	ABCN	26	8	1	13	1536	106	68	100	0.1	0.1	125.9	1.5	2.8	ABCN	1120
11201	336ACSR	3.0	12.5	0.0	ABCN	11	3	1	13	1509	94	67	100	0.1	0.2	125.8	0.8	1.5	ABCN	11201
1117	4ACSR	8.1	12.5	0.0	ABCN	72	23	3	46	1456	77	64	100	2.6	2.9	123.1	29.5	8.9	ABCN	1117
11171	4ACSR	11.5	12.5	0.0	A N	22	7	3	2	22	7	3	95	0.1	3.1	122.9	0.0	-0.2	A N	11171
11172	4ACSR	8.5	12.5	0.0	ABCN	1	0	0	43	1332	38	60	100	0.2	3.0	123.0	1.9	0.6	ABCN	11172
1116	6ACWC	13.4	12.5	0.0	ABCN	104	33	5	42	1312	32	59	100	2.2	5.2	120.8	22.3	6.9	ABCN	1116
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1116																				
	ABCN : Tap = 6 RAISE																			
Regulator			13.4	12.5	0.0	ABCN				55	1186	-8	55	-100	-4.8	0.4	125.6	0.0	0.0	ABCN	Regulator
11162	6ACWC	14.6	12.5	0.0	ABCN	-0	-164	7	35	1103	-35	49	-100	0.5	0.9	125.1	4.0	1.2	ABCN	11162
Capacitor (Wye-Gnd Connected) at Center of Section 11162																				
	ABCN : Nominal = 150 kvar Actual = 164 kvar																			
1114	4ACSR	20.0	12.5	0.0	ABCN	78	25	4	33	1032	107	46	99	2.0	2.9	123.1	15.7	4.3	ABCN	1114
11141	4ACSR	23.9	12.5	0.0	ABCN	122	13	6	30	938	77	42	100	1.3	4.1	121.9	9.1	2.4	ABCN	11141
11142	6ACWC	27.6	12.5	0.0	A N	18	6	3	2	18	6	3	96	0.0	4.5	121.5	0.0	-0.2	A N	11142
11143	6ACWC	29.2	12.5	0.0	ABCN	95	30	5	26	789	56	36	100	1.4	5.5	120.5	8.6	2.2	ABCN	11143
11144	6ACWC	31.7	12.5	0.0	ABCN	5	2	0	23	686	23	32	100	0.6	6.1	119.9	3.5	0.8	ABCN	11144
11145	6ACWC	35.3	12.5	0.0	ABCN	666	15	31	22	674	19	31	100	0.4	6.6	119.4	7.8	4.1	ABCN	11145
1115	6ACWC	19.2	12.5	0.0	A N	67	21	9	7	67	21	9	95	0.2	1.0	125.0	0.1	-0.2	A N	1115
11161	6ACWC	19.7	12.5	0.0	A N	83	26	12	8	83	26	12	95	0.3	0.7	125.3	0.2	-0.2	A N	11161
11173	4ACSR	12.6	12.5	0.0	A N	18	6	3	2	18	6	3	96	0.1	3.3	122.7	0.0	-0.2	A N	11173
1121	4ACSR	8.5	12.5	0.0	A N	12	4	2	4	41	13	6	96	0.3	0.5	125.5	0.1	-0.2	A N	1121
11211	4ACSR	14.1	12.5	0.0	A N	29	9	4	3	29	9	4	96	0.1	0.6	125.4	0.0	-0.3	A N	11211

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********** Load-Flow Results For Mariba Ckt 4 **********
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Mariba Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					481	147	22	96			126.0			ABCN	Feeder
1104	4ACSR	3.0	12.5	0.0	A N	37	11	5	48	481	147	67	96	1.9	1.9	124.1	6.6	3.3	A N	1104
11042	4ACSR	7.5	12.5	0.0	A N	69	21	10	38	378	115	53	96	2.1	4.0	122.0	5.5	2.7	A N	11042
11043	4ACSR	12.3	12.5	0.0	A N	53	16	8	31	304	92	43	96	1.9	5.9	120.1	4.1	1.9	A N	11043
1102	4ACSR	16.8	12.5	0.0	A N	151	45	22	19	188	56	27	96	0.7	6.6	119.4	0.9	0.3	A N	1102
11021	4ACSR	22.2	12.5	0.0	A N	37	11	5	4	37	11	5	96	0.1	6.8	119.2	0.0	-0.2	A N	11021
1103	4ACSR	16.5	12.5	0.0	A N	58	18	8	6	58	17	8	96	0.2	6.1	119.9	0.1	-0.2	A N	1103
11041	4ACSR	6.7	12.5	0.0	A N	59	18	8	6	59	17	8	96	0.1	2.1	123.9	0.1	-0.1	A N	11041

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********** Load-Flow Results For Mt. Sterling Ckt 1 **********
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Mt. Sterling Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1281	-34	56	-100			126.0			ABCN	Feeder
	46300	4/0ACSR	0.9	12.5	0.0	ABCN	12	1	1	17	1281	-34	56	-100	0.1	0.1	125.9	1.0	1.1	ABCN	46300
	463	4/0ACSR	7.7	12.5	0.0	ABCN	149	14	7	11	861	-80	38	-100	0.4	0.5	125.5	2.9	2.5	ABCN	463
	4631	4/0ACSR	8.0	12.5	0.0	ABCN	2	-164	7	9	691	-99	31	-99	0.0	0.5	125.5	0.1	0.1	ABCN	4631
	Capacitor (Wye-Gnd Connected) at Center of Section 4631																				
	ABCN : Nominal = 150 kvar Actual = 164 kvar																				
	4635	4/0ACSR	8.8	12.5	0.0	ABCN	68	7	3	9	685	65	30	100	0.1	0.5	125.5	0.2	0.1	ABCN	4635
	4638	4/0ACSR	10.8	12.5	0.0	ABCN	91	9	4	6	481	45	21	100	0.1	0.6	125.4	0.3	-0.0	ABCN	4638
	4640	1/0EPR	11.4	12.5	0.0	A N	74	7	10	5	74	7	10	100	0.1	0.9	125.1	0.0	-0.0	A N	4640
	4642	4/0ACSR	11.3	12.5	0.0	ABCN	31	3	1	4	315	29	14	100	0.0	0.6	125.4	0.0	-0.1	ABCN	4642
	4641	1/0EPR	12.6	12.5	0.0	A N	100	10	13	7	100	10	13	100	0.2	1.0	125.0	0.1	0.0	A N	4641
	4643	4/0ACSR	11.7	12.5	0.0	ABCN	42	4	2	2	184	16	8	100	0.0	0.6	125.4	0.0	-0.1	ABCN	4643
	4644	1/0ACSR	12.3	12.5	0.0	ABCN	94	9	4	3	142	12	6	100	0.0	0.6	125.4	0.0	-0.1	ABCN	4644
	4645	1/0ACSR	14.1	12.5	0.0	ABCN	0	0	0	1	48	3	2	100	0.0	0.7	125.3	0.0	-0.3	ABCN	4645
	461	1/0ACSR	18.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.7	125.3	0.0	-0.8	ABCN	461
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 461																				
	ABCN : Tap = 0 NEUTRAL																				
	Regulator		18.3	12.5	0.0	ABCN				0	0	0	0	0	0.0	0.7	125.3	0.0	0.0	ABCN	Regulator
	462	4ACSR	19.2	12.5	0.0	A N	48	5	6	5	48	4	6	100	0.2	1.0	125.0	0.1	-0.2	A N	462
	4637	4ACSR	13.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.8	125.2	0.0	-0.1	A N	4637
	4639	1/0EPR	10.0	12.5	0.0	A N	135	13	18	9	135	13	18	100	0.2	0.9	125.1	0.2	0.1	A N	4639
	4633	4ACSR	9.2	12.5	0.0	A N	3	0	0	0	3	0	0	100	0.0	0.6	125.4	0.0	-0.1	A N	4633
	4632	4ACSR	8.8	12.5	0.0	A N	17	2	2	2	17	2	2	100	0.0	0.6	125.4	0.0	-0.1	A N	4632
	46430	4ACSR	2.2	12.5	0.0	A N	29	3	4	3	29	3	4	100	0.0	0.1	125.9	0.0	-0.1	A N	46430
	464	4ACSR	2.2	12.5	0.0	A N	4	0	0	36	378	41	50	99	0.6	0.7	125.3	1.7	0.8	A N	464
	46431	4ACSR	10.3	12.5	0.0	A N	81	8	11	36	373	40	50	99	3.3	4.0	122.0	8.6	4.1	A N	46431
	46432	4ACSR	18.4	12.5	0.0	A N	64	6	9	28	283	28	39	100	2.6	6.6	119.4	5.2	2.4	A N	46432
	465	4ACSR	25.2	12.5	0.0	A N	35	3	5	4	35	3	5	100	0.2	6.8	119.2	0.0	-0.3	A N	465
	466	4ACSR	22.5	12.5	0.0	A N	12	1	2	18	179	17	25	100	0.9	7.5	118.5	1.3	0.5	A N	466
	4661	4ACSR	28.4	12.5	0.0	A N	6	1	1	1	6	0	1	100	0.0	7.6	118.4	0.0	-0.3	A N	4661
L	4662	4ACSR	28.1	12.5	0.0	A N	123	12	17	16	160	15	23	100	0.7	8.3	117.7	0.8	0.2	A N	4662
L	4663	4ACSR	32.5	12.5	0.0	A N	5	0	1	0	5	0	1	100	0.0	8.3	117.7	0.0	-0.2	A N	4663
L	4664	4ACSR	32.8	12.5	0.0	A N	32	3	5	3	32	3	5	100	0.1	8.4	117.6	0.0	-0.2	A N	4664

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********** Load Flow Results For Mt. Sterling Ckt 2 **********
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Mt. Sterling Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2088	-115	46	-100			126.0			ABCN	Feeder
477	336ACSR	1.3	24.9	0.0	ABCN	13	2	0	9	2088	-115	46	-100	0.0	0.0	126.0	0.5	-0.1	ABCN	477
4770	4/0ACSR	5.3	24.9	0.0	ABCN	31	4	1	13	2044	-119	45	-100	0.2	0.2	125.8	2.8	0.3	ABCN	4770
503	4/0ACSR	11.4	24.9	0.0	ABCN	64	8	1	13	1945	-127	43	-100	0.2	0.4	125.6	3.7	-0.2	ABCN	503
5031	4/0ACSR	16.8	24.9	0.0	ABCN	49	-322	7	12	1877	-135	42	-100	0.2	0.6	125.4	3.1	-0.4	ABCN	5031
Capacitor (Wye-Gnd Connected) at Center of Section 5031																				
	ABCN : Nominal = 300 kvar					Actual = 328 kvar														
512	1/0ACSR	17.8	24.9	0.0	ABCN	39	5	1	15	1570	169	35	99	0.1	0.7	125.3	0.8	-0.2	ABCN	512
5122	1/0ACSR	19.7	24.9	0.0	ABCN	4	0	0	7	772	84	17	99	0.1	0.7	125.3	0.3	-1.1	ABCN	5122
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 5121																				
	A N : Tap = 1 RAISE																			
Regulator			19.7	24.9	0.0	A N				51	767	85	51	99	-0.8	-0.0	125.8	0.0	0.0	A N	Regulator
5121	4ACSR	22.3	24.9	0.0	A N	117	14	8	37	767	85	51	99	0.6	0.6	125.4	3.2	1.1	A N	5121
511	4ACSR	27.7	24.9	0.0	A N	123	15	8	30	631	69	42	99	0.9	1.5	124.5	4.2	1.1	A N	511
5100	6ACWC	30.4	24.9	0.0	A N	147	17	10	9	189	20	13	99	0.1	1.6	124.4	0.1	-0.5	A N	5100
510	6ACWC	31.9	24.9	0.0	A N	0	0	0	2	42	3	3	100	0.0	1.6	124.4	0.0	-0.3	A N	510
507	6ACWC	37.2	24.9	0.0	A N	15	2	1	1	15	1	1	100	0.0	1.6	124.4	0.0	-1.1	A N	507
517	6ACWC	37.4	24.9	0.0	A N	27	3	2	1	27	2	2	100	0.0	1.7	124.3	0.0	-1.1	A N	517
520	6ACWC	33.0	24.9	0.0	A N	134	16	9	15	315	34	21	99	0.4	1.9	124.1	0.8	-0.6	A N	520
5200	6ACWC	37.2	24.9	0.0	A N	48	6	3	2	48	5	3	99	0.0	1.9	124.1	0.0	-0.8	A N	5200
5201	6ACWC	39.5	24.9	0.0	A N	131	15	9	6	132	13	9	99	0.1	2.0	124.0	0.1	-1.2	A N	5201
5123	4ACSR	28.3	24.9	0.0	A N	16	2	1	1	16	1	1	100	0.0	0.6	125.4	0.0	-1.2	A N	5123
5216	336ACSR	18.5	24.9	0.0	A N	0	0	0	10	758	80	51	99	0.0	0.7	125.3	0.1	0.2	A N	5216
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5216																				
	A N : Tap = 0 NEUTRAL																			
Regulator			18.5	24.9	0.0	A N				51	758	80	51	99	0.0	0.7	125.0	0.0	0.0	A N	Regulator
5120	4ACSR	23.2	24.9	0.0	A N	92	11	6	4	92	10	6	99	0.1	0.8	125.2	0.0	-0.9	A N	5120
521	336ACSR	23.4	24.9	0.0	A N	133	12	9	8	665	70	45	99	0.2	0.9	125.1	0.7	0.4	A N	521
5211	6ACWC	24.6	24.9	0.0	A N	14	2	1	22	466	50	31	99	0.2	1.1	124.9	0.5	0.1	A N	5211
5213	6ACWC	26.6	24.9	0.0	A N	38	4	3	21	428	46	29	99	0.2	1.3	124.7	0.8	0.0	A N	5213
5215	6ACWC	30.4	24.9	0.0	A N	128	15	9	15	319	34	21	99	0.3	1.6	124.4	0.6	-0.4	A N	5215
543	4ACSR	33.8	24.9	0.0	A N	32	3	2	2	32	2	2	100	0.0	1.6	124.4	0.0	-0.7	A N	543
5433	4ACSR	31.1	24.9	0.0	A N	0	0	0	8	159	17	11	99	0.0	1.6	124.4	0.0	-0.1	A N	5433
5430	4ACSR	34.9	24.9	0.0	A N	48	6	3	2	48	5	3	99	0.0	1.7	124.3	0.0	-0.7	A N	5430
5431	4ACSR	37.6	24.9	0.0	A N	111	13	8	5	111	12	8	99	0.1	1.7	124.3	0.1	-1.2	A N	5431
5432	4ACSR	37.7	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.7	124.3	0.0	-0.0	A N	5432
5214	4ACSR	28.9	24.9	0.0	A N	70	8	5	3	70	8	5	99	0.0	1.3	124.7	0.0	-0.5	A N	5214
5212	6ACWC	26.5	24.9	0.0	A N	23	3	2	1	23	2	2	99	0.0	1.1	124.9	0.0	-0.4	A N	5212
5210	6ACWC	26.1	24.9	0.0	A N	66	8	4	3	66	7	4	99	0.0	0.9	125.1	0.0	-0.5	A N	5210
513	1/0ACSR	21.6	24.9	0.0	ABCN	50	6	1	2	255	19	6	100	0.0	0.7	125.3	0.1	-3.6	ABCN	513
523	1/0ACSR	27.6	24.9	0.0	ABCN	113	13	3	1	113	9	3	100	0.0	0.7	125.3	0.0	-4.5	ABCN	523
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 523																				
	ABCN : Tap = 0 NEUTRAL																			
Regulator			27.6	24.9	0.0	ABCN				0	0	0	0	0	0.0	0.7	125.1	0.0	0.0	ABCN	Regulator
514	4ACSR	27.0	24.9	0.0	A N	41	5	3	4	92	7	6	100	0.1	0.8	125.2	0.1	-1.1	A N	514
515	4ACSR	32.3	24.9	0.0	A N	29	3	2	1	29	2	2	100	0.0	0.8	125.2	0.0	-1.1	A N	515
516	4ACSR	33.7	24.9	0.0	A N	22	3	2	1	22	1	1	100	0.0	0.8	125.2	0.0	-1.3	A N	516
500	4ACSR	10.0	24.9	0.0	A N	0	0	0	3	65	4	4	100	0.1	0.3	125.7	0.0	-0.9	A N	500
5002	4ACSR	15.5	24.9	0.0	A N	16	2	1	1	16	1	1	100	0.0	0.3	125.7	0.0	-1.1	A N	5002
5001	4ACSR	16.2	24.9	0.0	A N	49	6	3	2	49	5	3	100	0.0	0.3	125.7	0.0	-1.3	A N	5001
478	4ACSR	5.6	24.9	0.0	A N	31	4	2	1	31	3	2	100	0.0	0.0	126.0	0.0	-0.9	A N	478

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********** Load-Flow Results For Mt. Sterling Ckt 3 **********
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Mt. Sterling Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1691	149	75	100			126.0			ABCN	Feeder
	476	336ACSR	1.3	12.5	0.0	ABCN	54	3	2	14	1691	149	75	100	0.1	0.1	125.9	1.2	2.3	ABCN	476
	47600	1/0ACSR	6.1	12.5	0.0	ABCN	101	6	4	32	1636	143	72	100	1.3	1.4	124.6	15.2	10.6	ABCN	47600
	47601	1/0ACSR	9.6	12.5	0.0	ABCN	21	1	1	30	1519	126	68	100	0.9	2.2	123.8	10.0	6.9	ABCN	47601
	501	1/0ACSR	14.2	12.5	0.0	ABCN	3	0	0	29	1461	116	66	100	1.1	3.4	122.6	12.7	8.8	ABCN	501
	504	1/0ACSR	19.6	12.5	0.0	ABCN	25	2	1	22	1136	85	52	100	1.0	4.4	121.6	8.9	5.8	ABCN	504
	50400	1/0ACSR	24.5	12.5	0.0	ABCN	59	4	3	22	1102	78	50	100	0.9	5.3	120.7	7.6	4.8	ABCN	50400
	506	1/0ACSR	26.4	12.5	0.0	ABCN	18	1	1	17	852	57	39	100	0.3	5.6	120.4	1.8	1.0	ABCN	506
	50600	1/0ACSR	27.7	12.5	0.0	ABCN	18	1	1	17	832	55	38	100	0.2	5.8	120.2	1.2	0.7	ABCN	50600
	540	1/0ACSR	31.0	12.5	0.0	ABCN	17	1	1	16	813	53	38	100	0.5	6.2	119.8	2.9	1.6	ABCN	540
	54000	4ACSR	34.3	12.5	0.0	A N	119	7	17	12	120	7	17	100	0.3	6.7	119.3	0.2	-0.0	A N	54000
	54001	1/0ACSR	36.5	12.5	0.0	ABCN	165	10	8	14	673	42	31	100	0.6	6.8	119.2	3.0	1.4	ABCN	54001
	537	1/0ACSR	41.0	12.5	0.0	ABCN	176	8	8	10	505	30	24	100	0.3	7.1	118.9	1.4	0.4	ABCN	537
L	307	4ACSR	45.8	12.5	0.0	A N	36	2	5	11	108	6	15	100	0.6	8.3	117.7	0.4	0.0	A N	307
L	30700	4ACSR	50.3	12.5	0.0	A N	29	2	4	7	72	4	10	100	0.3	8.6	117.4	0.2	-0.1	A N	30700
L	277	6ACWC	56.0	12.5	0.0	A N	43	3	6	4	43	2	6	100	0.1	8.8	117.2	0.1	-0.2	A N	277
L	31400	4ACSR	44.2	12.5	0.0	A N	45	3	6	22	218	14	31	100	0.8	8.6	117.4	1.3	0.6	A N	31400
L	314	4ACSR	46.7	12.5	0.0	A N	61	4	9	11	108	6	15	100	0.3	8.8	117.2	0.2	-0.0	A N	314
L	3141	4ACSR	47.1	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	8.8	117.2	0.0	-0.0	A N	3141
L	330	4ACSR	55.0	12.5	0.0	A N	47	3	7	5	47	3	7	100	0.3	9.1	116.9	0.1	-0.3	A N	330
L	31401	4ACSR	48.9	12.5	0.0	A N	64	4	9	6	64	4	9	100	0.2	8.8	117.2	0.1	-0.2	A N	31401
	505	4ACSR	27.4	12.5	0.0	A N	46	3	6	18	183	11	25	100	0.6	6.1	119.9	0.8	0.3	A N	505
	246	4ACSR	33.1	12.5	0.0	A N	113	7	16	14	137	8	19	100	0.6	6.7	119.3	0.6	0.0	A N	246
	24600	4ACSR	38.5	12.5	0.0	A N	23	1	3	2	23	1	3	100	0.1	6.8	119.2	0.0	-0.2	A N	24600
	2451	4ACSR	19.8	12.5	0.0	A N	40	2	5	30	309	22	42	100	2.0	5.6	120.4	4.7	2.2	A N	2451
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2451																				
	A N : Tap = 8 RAISE																				
H	Regulator			19.8	12.5	0.0	A N				37	264	17	37	100	-6.0	-0.5	126.5	-0.0	-0.0	A N	Regulator
	24500	4ACSR	27.4	12.5	0.0	A N	76	5	10	25	264	17	35	100	2.1	1.6	124.4	3.7	1.6	A N	24500
	244	4ACSR	34.1	12.5	0.0	A N	48	3	6	18	184	11	25	100	1.3	2.9	123.1	1.7	0.6	A N	244
	255	4ACSR	41.3	12.5	0.0	A N	58	4	8	8	88	5	12	100	0.5	3.4	122.6	0.3	-0.2	A N	255
	256	4ACSR	46.1	12.5	0.0	A N	20	1	3	3	29	1	4	100	0.1	3.5	122.5	0.0	-0.2	A N	256
	25600	4ACSR	51.6	12.5	0.0	A N	9	1	1	1	9	0	1	100	0.0	3.6	122.4	0.0	-0.3	A N	25600
	243	4ACSR	40.7	12.5	0.0	A N	47	3	6	5	48	3	6	100	0.2	3.1	122.9	0.1	-0.3	A N	243
	502	4ACSR	17.1	12.5	0.0	A N	27	2	4	3	27	1	4	100	0.1	2.5	123.5	0.0	-0.4	A N	502

********** Load-Flow Results For Reid Village Ckt 1 **********

Reid Village Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1919	447	87	97			126.0			ABCN	Feeder
	46043	336ACSR	0.2	12.5	0.0	ABCN	0	-0	0	16	1919	447	87	97	0.0	0.0	126.0	0.3	0.6	ABCN	46043
	46042	4ACSR	0.3	12.5	0.0	ABCN	-0	0	0	62	1918	446	87	97	0.1	0.1	125.9	1.3	0.4	ABCN	46042
	227	4ACSR	3.0	12.5	0.0	ABCN	8	2	0	52	1614	376	73	97	1.6	1.7	124.3	20.4	6.3	ABCN	227
	2272	4ACSR	6.8	12.5	0.0	ABCN	72	17	3	45	1364	316	63	97	2.0	3.7	122.3	20.6	6.2	ABCN	2272
	2273	4ACSR	9.1	12.5	0.0	ABCN	145	34	7	42	1270	292	59	97	1.1	4.8	121.2	10.9	3.3	ABCN	2273
	226	4ACSR	11.6	12.5	0.0	ABCN	4	1	0	36	1060	244	50	97	1.0	5.9	120.1	8.8	2.5	ABCN	226
	2261	4ACSR	13.1	12.5	0.0	ABCN	20	5	1	32	948	218	45	97	0.6	6.5	119.5	4.6	1.3	ABCN	2261
	225	4ACSR	13.9	12.5	0.0	AB N	26	6	2	37	718	163	51	98	0.4	6.9	119.1	2.1	0.8	AB N	225
L	2252	4ACSR	17.8	12.5	0.0	AB N	39	9	3	33	635	144	46	98	1.5	8.4	117.6	7.7	3.0	AB N	2252
L	2253	4ACSR	21.5	12.5	0.0	AB N	59	14	4	31	588	132	43	98	1.3	9.8	116.2	6.2	2.4	AB N	2253
L	222	4ACSR	24.5	12.5	0.0	AB N	57	9	4	18	343	74	25	98	0.6	10.4	115.6	1.6	0.4	AB N	222
L	2221	4ACSR	31.9	12.5	0.0	A N	153	36	23	17	154	36	23	97	0.8	12.4	113.6	1.1	0.2	A N	2221
L	2222	4ACSR	27.5	12.5	0.0	AB N	0	0	0	7	128	29	9	98	0.3	10.6	115.4	0.3	-0.2	AB N	2222
L	230	4ACSR	32.7	12.5	0.0	AB N	44	10	3	7	127	29	9	98	0.4	11.0	115.0	0.4	-0.3	AB N	230
L	2301	4ACSR	37.2	12.5	0.0	AB N	82	19	6	4	82	19	6	97	0.1	11.1	114.9	0.2	-0.3	AB N	2301
L	223	4ACSR	26.5	12.5	0.0	A N	92	22	14	19	177	41	26	97	0.9	11.7	114.3	1.1	0.4	A N	223
L	2231	2ACSR	33.3	12.5	0.0	A N	84	20	13	7	84	19	13	97	0.3	12.0	114.0	0.2	-0.2	A N	2231
	2251	4ACSR	22.1	12.5	0.0	A N	54	13	8	6	54	12	8	97	0.3	7.5	118.5	0.1	-0.3	A N	2251
	224	4ACSR	18.2	12.5	0.0	A N	124	29	18	21	205	48	29	97	1.0	7.8	118.2	1.3	0.5	A N	224
L	2241	4ACSR	25.2	12.5	0.0	A N	80	19	12	8	80	18	12	97	0.4	8.2	117.8	0.2	-0.2	A N	2241
	2262	4ACSR	16.2	12.5	0.0	A N	99	23	14	10	99	23	14	97	0.3	6.5	119.5	0.2	-0.1	A N	2262
	212	4ACSR	14.1	12.5	0.0	ABCN	36	8	2	2	54	11	3	98	0.1	4.9	121.1	0.1	-0.8	ABCN	212
	2121	4ACSR	20.7	12.5	0.0	ABCN	18	4	1	1	18	3	1	99	0.0	4.9	121.1	0.0	-1.1	ABCN	2121
	2271	4ACSR	8.4	12.5	0.0	A N	221	52	31	22	223	52	31	97	0.8	2.6	123.4	1.4	0.5	A N	2271
	455	4ACSR	4.8	12.5	0.0	A N	70	14	10	29	303	70	41	97	1.6	1.7	124.3	3.2	1.4	A N	455
	4551	4ACSR	8.7	12.5	0.0	A N	5	1	1	23	229	54	32	97	1.2	2.9	123.1	2.0	0.9	A N	4551
	4553	4ACSR	11.1	12.5	0.0	A N	3	1	0	0	3	1	0	98	0.0	2.9	123.1	0.0	-0.1	A N	4553
	4552	4ACSR	15.0	12.5	0.0	A N	218	51	30	22	219	51	30	97	0.9	3.8	122.2	1.6	0.5	A N	4552

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********** Load-Flow Results For Reid Village Ckt 2 **********
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Reid Village Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1471	36	65	100			126.0			ABCN	Feeder
46044	336ACSR	0.2	12.5	0.0	ABCN	0	0	0	12	1471	36	65	100	0.0	0.0	126.0	0.2	0.3	ABCN	46044
46045	336ACSR	0.4	12.5	0.0	ABCN	-0	0	0	12	1471	36	65	100	0.0	0.0	126.0	0.1	0.2	ABCN	46045
4604	4ACSR	2.1	12.5	0.0	ABCN	131	33	6	46	1471	35	65	100	0.9	0.9	125.1	9.6	2.9	ABCN	4604
4601	4ACSR	2.8	12.5	0.0	ABCN	29	7	1	39	1218	-29	54	-100	0.3	1.2	124.8	3.1	0.9	ABCN	4601
460	4ACSR	3.5	12.5	0.0	ABCN	85	11	4	23	701	-161	32	-97	0.1	1.3	124.7	0.9	0.2	ABCN	460
4615	1/0ACSR	3.6	12.5	0.0	ABCN	3	1	0	7	259	-259	16	-71	0.0	1.3	124.7	0.0	-0.0	ABCN	4615
46146	1/0ACSR	5.6	12.5	0.0	ABCN	0	-324	14	7	241	-264	16	-67	0.1	1.4	124.6	0.2	-0.2	ABCN	46146
Capacitor (Wye-Gnd Connected) at Center of Section 46146																				
ABCN : Nominal = 300 kvar Actual = 324 kvar																				
4614	1/0ACSR	7.5	12.5	0.0	ABCN	37	9	2	3	160	40	7	97	0.0	1.4	124.6	0.1	-0.3	ABCN	4614
46142	336ACSR	8.2	12.5	0.0	ABCN	0	0	0	1	123	31	6	97	0.0	1.5	124.5	0.0	-0.1	ABCN	46142
4612	1/0EPR	10.9	12.5	0.0	A N	82	21	11	7	106	27	15	97	0.5	2.1	123.9	0.3	0.2	A N	4612
4613	1/0EPR	12.1	12.5	0.0	A N	24	6	3	2	24	6	3	97	0.0	2.2	123.8	0.0	-0.1	A N	4613
46141	336ACSR	8.5	12.5	0.0	ABCN	17	4	1	0	17	4	1	97	0.0	1.5	124.5	0.0	-0.1	ABCN	46141
46143	1/0ACSR	7.3	12.5	0.0	ABCN	9	2	0	2	80	20	4	97	0.0	1.4	124.6	0.0	-0.3	ABCN	46143
46144	1/0EPR	7.4	12.5	0.0	ABCN	0	0	0	2	71	18	3	97	0.0	1.4	124.6	0.0	-0.0	ABCN	46144
46145	1/0ACSR	8.1	12.5	0.0	ABCN	71	18	3	1	71	18	3	97	0.0	1.4	124.6	0.0	-0.1	ABCN	46145
4616	1/0EPR	5.3	12.5	0.0	A N	15	4	2	1	15	4	2	97	0.0	1.5	124.5	0.0	-0.1	A N	4616
457	4ACSR	6.1	12.5	0.0	ABCN	51	13	2	12	357	87	16	97	0.3	1.7	124.3	0.9	-0.1	ABCN	457
4571	4ACSR	7.4	12.5	0.0	ABCN	7	2	0	8	246	59	11	97	0.1	1.8	124.2	0.2	-0.1	ABCN	4571
4579	4ACSR	7.6	12.5	0.0	ABCN	10	2	0	4	136	34	6	97	0.0	1.8	124.2	0.0	-0.0	ABCN	4579
45792	1/0EPR	10.0	12.5	0.0	A N	8	2	1	1	8	2	1	97	0.0	2.0	124.0	0.0	-0.1	A N	45792
45793	4ACSR	7.9	12.5	0.0	ABCN	-0	0	0	4	119	30	5	97	0.0	1.8	124.2	0.0	-0.0	ABCN	45793
4575	4ACSR	8.1	12.5	0.0	A N	0	0	0	11	112	28	15	97	0.0	2.1	123.9	0.0	0.0	A N	4575
4574	4ACSR	9.9	12.5	0.0	A N	45	11	6	4	45	11	6	97	0.1	2.1	123.9	0.0	-0.1	A N	4574
4576	4ACSR	8.7	12.5	0.0	A N	0	0	0	7	66	17	9	97	0.0	2.1	123.9	0.0	-0.0	A N	4576
4577	1/0EPR	10.6	12.5	0.0	A N	29	7	4	2	29	7	4	97	0.1	2.2	123.8	0.0	-0.1	A N	4577
4578	1/0EPR	10.6	12.5	0.0	A N	37	9	5	3	37	9	5	97	0.1	2.2	123.8	0.0	-0.1	A N	4578
45791	1/0EPR	10.9	12.5	0.0	A N	7	2	1	0	7	1	1	98	0.0	2.1	123.9	0.0	-0.2	A N	45791
4573	4ACSR	9.5	12.5	0.0	A N	102	23	14	10	102	23	14	97	0.1	2.2	123.8	0.1	-0.0	A N	4573
4572	4ACSR	9.0	12.5	0.0	A N	59	15	8	6	59	15	8	97	0.1	2.0	124.0	0.1	-0.1	A N	4572
4602	4ACSR	4.4	12.5	0.0	ABCN	134	34	6	16	485	123	22	97	0.3	1.4	124.6	1.0	0.1	ABCN	4602
4608	4ACSR	6.6	12.5	0.0	ABCN	-0	-0	0	11	350	89	16	97	0.3	1.8	124.2	0.8	-0.1	ABCN	4608
4605	4ACSR	8.4	12.5	0.0	A N	106	27	15	10	106	27	15	97	0.1	2.1	123.9	0.1	-0.0	A N	4605
4606	4ACSR	7.9	12.5	0.0	A N	120	30	17	24	242	62	34	97	0.3	2.3	123.7	0.5	0.2	A N	4606
4607	4ACSR	10.9	12.5	0.0	A N	122	31	17	12	122	31	17	97	0.2	2.5	123.5	0.2	-0.0	A N	4607
4603	4ACSR	4.0	12.5	0.0	A N	112	28	15	11	112	28	15	97	0.1	1.1	124.9	0.1	-0.0	A N	4603

********** Load-Flow Results For Rockwell Ckt 1 **********

Rockwell Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	-- 120V Base -- Accm Volt Drop	-- 120V Base -- Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1156	16	51	100			126.0			ABCN	Feeder
13131D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	10	1156	16	51	100	0.0	0.0	126.0	0.0	0.0	ABCN	13131D
13131	1/0ACSR	0.4	12.5	0.0	ABCN	0	-0	0	22	1156	16	51	100	0.1	0.1	125.9	0.6	0.4	ABCN	13131
1309	1/0ACSR	0.5	12.5	0.0	ABCN	21	26	1	8	275	341	19	63	0.0	0.1	125.9	0.0	-0.0	ABCN	1309
1308	1/0ACSR	2.6	12.5	0.0	A N	253	314	54	23	254	315	54	63	0.3	0.4	125.6	0.8	0.7	A N	1308
1329	1/0ACSR	3.2	12.5	0.0	ABCN	292	-329	19	18	881	-325	41	-94	0.3	0.3	125.7	2.6	1.5	ABCN	1329
Capacitor (Wye-Gnd Connected) at Center of Section 1329																				
ABCN : Nominal = 300 kvar Actual = 330 kvar																				
1330	1/0EPR	3.7	12.5	0.0	ABCN	584	-0	26	13	586	2	26	100	0.1	0.4	125.6	1.5	1.5	ABCN	1330

********** Load-Flow Results For Rockwell Ckt 2 **********

Rockwell Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1450	-967	77	-83			126.0			ABCN	Feeder
H	13142D	336ACSR	0.0	12.5	0.0	ABCN	-0	0	0	14	1450	-967	77	-83	-0.0	-0.0	126.0	0.0	0.0	ABCN	13142D
	13142	1/0ACSR	0.8	12.5	0.0	ABCN	7	-0	0	33	1450	-967	77	-83	0.1	0.1	125.9	3.2	2.2	ABCN	13142
	131421	1/0ACSR	1.1	12.5	0.0	ABCN	-0	-660	29	33	1404	-969	75	-82	0.0	0.1	125.9	0.7	0.5	ABCN	131421
	Capacitor (Wye-Gnd Connected) at Center of Section 131421																				
	ABCN : Nominal = 600 kvar Actual = 660 kvar																				
	13261	1/0ACSR	1.6	12.5	0.0	ABCN	51	-570	25	28	1403	-310	63	-98	0.1	0.2	125.8	1.3	0.9	ABCN	13261
	Capacitor (Wye-Gnd Connected) at Center of Section 13261																				
	ABCN : Nominal = 600 kvar Actual = 660 kvar																				
	13241	1/0ACSR	1.9	12.5	0.0	ABCN	31	54	3	9	369	253	20	82	0.0	0.3	125.7	0.1	-0.0	ABCN	13241
	13231	1/0ACSR	2.0	12.5	0.0	ABCN	224	0	10	8	338	199	17	86	0.0	0.3	125.7	0.0	-0.0	ABCN	13231
	13222	1/0EPR	3.1	12.5	0.0	A N	79	139	21	11	80	139	21	50	0.3	0.6	125.4	0.2	0.2	A N	13222
	13232	4ACSR	2.5	12.5	0.0	A N	34	60	9	7	34	60	9	50	0.0	0.3	125.7	0.0	-0.0	A N	13232
	13251	1/0ACSR	2.9	12.5	0.0	ABCN	978	4	43	19	981	7	43	100	0.1	0.3	125.7	2.9	2.7	ABCN	13251
	13281	1/0ACSR	1.3	12.5	0.0	ABCN	36	0	2	1	36	-0	2	-100	0.0	0.1	125.9	0.0	-0.1	ABCN	13281

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********** Load-Flow Results For Rockwell Ckt 3 **********
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Rockwell Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1604	1806	107	66			126.0			ABCN	Feeder
13143D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	20	1604	1806	107	66	0.0	0.0	126.0	0.0	0.0	ABCN	13143D
13143	1/0ACSR	0.3	12.5	0.0	ABCN	-0	-0	0	46	1604	1806	107	66	0.1	0.1	125.9	2.0	1.4	ABCN	13143
13141	1/0ACSR	1.4	12.5	0.0	ABCN	82	93	5	46	1602	1805	107	66	0.5	0.6	125.4	7.5	5.5	ABCN	13141
13181	1/0ACSR	1.5	12.5	0.0	ABCN	0	-0	0	40	1393	1571	93	66	0.1	0.7	125.3	1.0	0.7	ABCN	13181
13171	1/0ACSR	1.8	12.5	0.0	ABCN	18	20	1	40	1392	1570	93	66	0.1	0.8	125.2	1.3	0.9	ABCN	13171
13161	1/0ACSR	2.2	12.5	0.0	ABCN	45	51	3	30	1033	1166	69	66	0.1	0.9	125.1	1.2	0.8	ABCN	13161
13151	1/0ACSR	2.5	12.5	0.0	ABCN	-0	0	0	20	678	765	45	66	0.1	1.0	125.0	0.4	0.3	ABCN	13151
13012	1/0ACSR	2.9	12.5	0.0	ABCN	-0	0	0	14	464	523	31	66	0.1	1.0	125.0	0.2	0.1	ABCN	13012
13011	1/0ACSR	3.3	12.5	0.0	ABCN	61	68	4	14	463	523	31	66	0.1	1.1	124.9	0.2	0.1	ABCN	13011
1302	1/0ACSR	4.1	12.5	0.0	AB N	178	202	18	18	402	454	40	66	0.1	1.2	124.8	0.5	0.3	AB N	1302
1303	1/0ACSR	5.5	12.5	0.0	A N	223	252	45	20	223	252	45	66	0.2	1.5	124.5	0.4	0.3	A N	1303
1305	1/0EPR	3.2	12.5	0.0	A N	134	151	27	21	213	241	43	66	0.5	1.5	124.5	0.8	0.8	A N	1305
1304	1/0EPR	3.5	12.5	0.0	A N	79	89	16	8	79	89	16	66	0.1	1.6	124.4	0.0	0.0	A N	1304
1306	1/0EPR	2.4	12.5	0.0	A N	29	33	6	31	310	350	62	66	0.4	1.3	124.7	1.0	1.0	A N	1306
1307	1/0EPR	2.8	12.5	0.0	A N	85	96	17	17	169	191	34	66	0.3	1.6	124.4	0.3	0.3	A N	1307
1310	1/0EPR	3.3	12.5	0.0	A N	84	95	17	9	84	95	17	66	0.1	1.7	124.3	0.1	0.0	A N	1310
1332	1/0EPR	2.9	12.5	0.0	A N	110	124	22	11	110	124	22	66	0.1	1.5	124.5	0.1	0.1	A N	1332
1333	1/0EPR	2.0	12.5	0.0	ABCN	-0	0	0	11	339	383	23	66	0.1	0.9	125.1	0.4	0.3	ABCN	1333
1334	1/0EPR	2.4	12.5	0.0	ABCN	82	93	6	11	339	383	23	66	0.2	1.1	124.9	0.5	0.4	ABCN	1334
1312	1/0EPR	3.1	12.5	0.0	ABCN	255	288	17	9	256	289	17	66	0.1	1.2	124.8	1.0	0.9	ABCN	1312
1335	1/0EPR	2.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.2	124.8	0.0	-0.0	A N	1335
13191	2ACSR	2.2	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.7	125.3	0.0	-0.0	A N	13191
13201	1/0EPR	2.1	12.5	0.0	A N	120	135	24	12	120	136	24	66	0.2	0.9	125.1	0.2	0.2	A N	13201

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********** Load-Flow Results For Sand Lick Ckt 1 **********
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Sand Lick Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					0	-3	0	0			126.0			ABCN	Feeder
H	1016	4ACSR	7.1	12.5	0.0	ABCN	0	0	0	0	0	-3	0	0	-0.0	-0.0	126.0	0.0	-1.3	ABCN	1016
H	10161	2ACSR	12.3	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	-0.0	126.0	0.0	-1.0	ABCN	10161
H	778	2ACSR	16.5	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.8	ABCN	778

********** Load-Flow Results For Sand Lick Ckt 2 **********

Sand Lick Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					3	10	0	26			126.0			ABCN	Feeder
1015	2ACSR	3.6	12.5	0.0	ABCN	-0	0	0	0	3	10	0	26	0.0	0.0	126.0	0.0	-0.7	ABCN	1015
10151	2ACSR	9.2	12.5	0.0	ABCN	0	0	0	0	3	11	1	25	0.0	0.0	126.0	0.0	-1.0	ABCN	10151
783	2ACSR	12.5	12.5	0.0	ABCN	3	13	1	0	3	12	1	23	0.0	0.0	126.0	0.0	-0.6	ABCN	783

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********** Load-Flow Results For Sideview Ckt 1 **********
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	Sideview Ckt 1						Section Load				Load Into Section			-- 120V Base --			Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
	Feeder			24.9	0.0	ABCN					1875	382	42	98			126.0			ABCN Feeder
	162	1/0ACSR	7.7	24.9	0.0	ABCN	62	14	1	18	1875	382	42	98	0.6	0.6	125.4	8.5	0.5	ABCN 162
	157	1/0ACSR	11.2	24.9	0.0	ABCN	25	6	1	16	1621	332	37	98	0.3	0.9	125.1	3.0	-0.4	ABCN 157
	160	1/0ACSR	15.5	24.9	0.0	ABCN	26	6	1	14	1467	300	33	98	0.3	1.2	124.8	3.0	-1.0	ABCN 160
	133	1/0ACSR	20.4	24.9	0.0	ABCN	50	11	1	12	1258	257	29	98	0.3	1.5	124.5	2.5	-1.9	ABCN 133
	1331	1/0ACSR	25.3	24.9	0.0	ABCN	81	19	2	12	1206	248	28	98	0.3	1.7	124.3	2.2	-2.0	ABCN 1331
	145	4ACSR	30.4	24.9	0.0	A N	36	8	2	30	616	125	42	98	1.0	2.8	123.2	4.6	1.4	A N 145
	1451	4ACSR	33.3	24.9	0.0	A N	16	4	1	28	576	116	40	98	0.6	3.4	122.6	2.4	0.7	A N 1451
	144	4ACSR	39.6	24.9	0.0	A N	22	5	2	28	558	111	39	98	1.2	4.5	121.5	4.8	1.3	A N 144
	142	4ACSR	46.3	24.9	0.0	A N	13	3	1	24	480	95	34	98	1.1	5.6	120.4	3.9	0.8	A N 142
	1412	4ACSR	50.7	24.9	0.0	A N	16	4	1	1	16	3	1	98	0.0	5.6	120.4	0.0	-0.8	A N 1412
	141	4ACSR	51.8	24.9	0.0	A N	79	18	6	23	447	88	32	98	0.8	6.3	119.7	2.4	0.3	A N 141
	1411	4ACSR	56.8	24.9	0.0	A N	44	10	3	19	365	70	26	98	0.6	6.9	119.1	1.6	-0.1	A N 1411
	137	4ACSR	58.9	24.9	0.0	A N	27	6	2	14	274	51	20	98	0.2	7.1	118.9	0.4	-0.2	A N 137
	1378	4ACSR	67.7	24.9	0.0	A N	68	16	5	3	68	14	5	98	0.1	7.2	118.8	0.1	-1.6	A N 1378
	1379	4ACSR	66.3	24.9	0.0	A N	16	4	1	9	179	30	13	99	0.4	7.5	118.5	0.6	-1.0	A N 1379
	1371	4ACSR	71.2	24.9	0.0	A N	21	1	1	1	21	-0	1	-100	0.0	7.6	118.4	0.0	-0.9	A N 1371
	1372	4ACSR	71.2	24.9	0.0	A N	13	3	1	7	142	28	10	98	0.2	7.8	118.2	0.2	-0.7	A N 1372
	1373	4ACSR	75.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-40	-0.0	7.8	118.2	0.0	-0.8	A N 1373
	1374	4ACSR	76.1	24.9	0.0	A N	26	6	2	7	128	26	9	98	0.2	8.0	118.0	0.2	-0.8	A N 1374
L	1375	4ACSR	79.2	24.9	0.0	A N	42	10	3	5	102	21	7	98	0.1	8.1	117.9	0.1	-0.5	A N 1375
L	1376	4ACSR	83.9	24.9	0.0	A N	15	3	1	1	15	3	1	99	0.0	8.1	117.9	0.0	-0.8	A N 1376
L	1377	4ACSR	83.3	24.9	0.0	A N	45	10	3	2	45	10	3	98	0.0	8.1	117.9	0.0	-0.7	A N 1377
	140	4ACSR	65.0	24.9	0.0	A N	46	11	3	2	46	9	3	98	0.1	7.0	119.0	0.0	-1.5	A N 140
	143	6ACWC	47.8	24.9	0.0	A N	51	12	4	3	51	10	4	98	0.1	4.6	121.4	0.0	-1.5	A N 143
	146	4ACSR	28.7	24.9	0.0	A N	24	5	2	25	506	105	35	98	0.6	2.4	123.6	2.1	0.4	A N 146
	147	4ACSR	32.4	24.9	0.0	A N	9	2	1	19	379	82	26	98	0.5	2.8	123.2	1.3	-0.0	A N 147
	1471	4ACSR	38.1	24.9	0.0	A N	49	11	3	2	49	10	3	98	0.0	2.9	123.1	0.0	-1.1	A N 1471
	1472	4ACSR	35.5	24.9	0.0	A N	46	11	3	16	320	70	22	98	0.3	3.1	122.9	0.7	-0.2	A N 1472
	1501	4ACSR	37.0	24.9	0.0	A N	0	0	0	3	63	13	4	98	0.0	3.2	122.8	0.0	-0.3	A N 1501
	150	4ACSR	42.1	24.9	0.0	A N	63	14	4	3	63	13	4	98	0.1	3.2	122.8	0.0	-1.0	A N 150
	151	4ACSR	42.8	24.9	0.0	A N	145	33	10	10	211	46	15	98	0.3	3.5	122.5	0.5	-1.2	A N 151
	1511	4ACSR	48.6	24.9	0.0	A N	66	15	5	3	66	14	5	98	0.1	3.5	122.5	0.0	-1.1	A N 1511
	148	4ACSR	35.2	24.9	0.0	A N	4	1	0	5	101	17	7	99	0.2	2.6	123.4	0.2	-1.2	A N 148
	1481	4ACSR	40.8	24.9	0.0	A N	31	7	2	5	97	17	7	98	0.1	2.7	123.3	0.1	-1.1	A N 1481
	4222	4ACSR	41.1	24.9	0.0	A N	0	0	0	3	65	11	4	99	0.0	2.7	123.3	0.0	-0.1	A N 4222
	422	4ACSR	45.2	24.9	0.0	A N	20	5	1	2	37	7	3	98	0.0	2.8	123.2	0.0	-0.8	A N 422
	4221	4ACSR	49.2	24.9	0.0	A N	17	4	1	1	17	3	1	98	0.0	2.8	123.2	0.0	-0.8	A N 4221
	417	4ACSR	47.1	24.9	0.0	A N	4	1	0	1	28	4	2	99	0.1	2.8	123.2	0.0	-1.2	A N 417
	4171	4ACSR	52.9	24.9	0.0	A N	24	6	2	1	24	4	2	98	0.0	2.8	123.2	0.0	-1.1	A N 4171
	152	4ACSR	18.4	24.9	0.0	A N	26	6	2	9	180	37	12	98	0.2	1.4	124.6	0.2	-0.5	A N 152
	1521	4ACSR	22.3	24.9	0.0	A N	26	6	2	5	107	23	7	98	0.1	1.5	124.5	0.1	-0.7	A N 1521
	1522	4ACSR	27.6	24.9	0.0	A N	80	19	6	4	80	17	6	98	0.1	1.6	124.4	0.0	-1.0	A N 1522
	1523	4ACSR	23.6	24.9	0.0	A N	43	10	3	2	48	9	3	98	0.0	1.4	124.6	0.0	-1.0	A N 1523
	1524	4ACSR	29.3	24.9	0.0	A N	5	1	0	0	5	-0	0	-100	0.0	1.4	124.6	0.0	-1.1	A N 1524
	171	4ACSR	16.2	24.9	0.0	A N	68	16	5	6	125	27	9	98	0.1	1.1	124.9	0.1	-0.9	A N 171
	1711	4ACSR	21.5	24.9	0.0	A N	57	13	4	3	57	12	4	98	0.1	1.1	124.9	0.0	-1.1	A N 1711
	156	4ACSR	10.5	24.9	0.0	A N	90	21	6	9	184	35	12	98	0.1	0.8	125.2	0.1	-0.5	A N 156
	1561	4ACSR	14.9	24.9	0.0	A N	14	3	1	5	94	15	6	99	0.1	0.9	125.1	0.1	-0.9	A N 1561
	154	4ACSR	22.2	24.9	0.0	A N	26	6	2	2	36	5	2	99	0.1	1.0	125.0	0.0	-1.5	A N 154
	1541	4ACSR	26.3	24.9	0.0	A N	8	2	1	0	8	1	1	99	0.0	1.0	125.0	0.0	-0.8	A N 1541
	1542	4ACSR	27.7	24.9	0.0	A N	3	1	0	0	3	-0	0	-99	0.0	1.0	125.0	0.0	-1.1	A N 1542
	155	4ACSR	20.2	24.9	0.0	A N	24	6	2	2	43	7	3	99	0.1	1.0	125.0	0.0	-1.0	A N 155
	1551	4ACSR	23.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-33	-0.0	1.0	125.0	0.0	-0.7	A N 1551
	1552	4ACSR	23.8	24.9	0.0	A N	19	4	1	1	19	4	1	98	0.0	1.0	125.0	0.0	-0.7	A N 1552

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********** Load-Flow Results For Sideview Ckt 2 **********
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Sideview Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1361	277	61	98			126.0			ABCN	Feeder
168	4/0ACSR	3.0	12.5	0.0	ABCN	11	0	0	18	1361	277	61	98	0.4	0.4	125.6	3.8	4.3	ABCN	168
170	4/0ACSR	6.9	12.5	0.0	ABCN	95	18	4	18	1346	273	61	98	0.5	1.0	125.0	4.6	5.2	ABCN	170
1701	4/0ACSR	13.7	12.5	0.0	ABCN	72	14	3	17	1246	250	56	98	0.9	1.8	124.2	6.9	7.6	ABCN	1701
169	4/0ACSR	15.2	12.5	0.0	ABCN	13	2	1	10	753	147	34	98	0.1	1.9	124.1	0.6	0.5	ABCN	169
161	1/0ACSR	20.5	12.5	0.0	ABCN	78	15	4	15	740	144	34	98	0.7	2.6	123.4	3.5	1.7	ABCN	161
1611	1/0ACSR	26.5	12.5	0.0	ABCN	27	5	1	13	658	128	30	98	0.7	3.3	122.7	3.4	1.4	ABCN	1611
1612	1/0ACSR	31.6	12.5	0.0	ABCN	14	3	1	13	628	121	29	98	0.6	3.9	122.1	2.6	1.1	ABCN	1612
432	4ACSR	37.9	12.5	0.0	A N	28	5	4	5	55	10	8	98	0.3	4.5	121.5	0.1	-0.2	A N	432
4321	4ACSR	43.2	12.5	0.0	A N	27	5	4	3	27	5	4	98	0.1	4.6	121.4	0.0	-0.2	A N	4321
423	1/0ACSR	35.9	12.5	0.0	ABCN	27	5	1	11	557	107	26	98	0.4	4.3	121.7	1.7	0.5	ABCN	423
424	1/0ACSR	40.3	12.5	0.0	ABCN	64	12	3	11	527	101	25	98	0.4	4.7	121.3	1.5	0.4	ABCN	424
4241	1/0ACSR	45.6	12.5	0.0	ABCN	56	11	3	9	462	88	22	98	0.4	5.2	120.8	1.4	0.1	ABCN	4241
420	4ACSR	53.4	12.5	0.0	A N	108	21	15	11	109	21	15	98	0.6	6.2	119.8	0.5	-0.1	A N	420
425	1/0ACSR	52.0	12.5	0.0	ABCN	73	14	3	6	295	55	14	98	0.3	5.5	120.5	0.7	-0.6	ABCN	425
426	1/0ACSR	58.8	12.5	0.0	ABCN	111	21	5	2	112	20	5	98	0.1	5.5	120.5	0.2	-1.0	ABCN	426
421	2ACSR	59.1	12.5	0.0	A N	106	20	15	9	109	20	15	98	0.4	6.5	119.5	0.3	-0.1	A N	421
4211	4ACSR	66.6	12.5	0.0	A N	2	0	0	0	2	0	0	100	0.0	6.5	119.5	0.0	-0.3	A N	4211
172	4ACSR	16.2	12.5	0.0	A N	141	27	19	40	414	80	57	98	1.1	3.1	122.9	3.1	1.5	A N	172
1721	4ACSR	18.6	12.5	0.0	A N	0	0	0	27	270	51	37	98	0.8	3.9	122.1	1.7	0.8	A N	1721
173	4ACSR	23.8	12.5	0.0	A N	31	6	4	18	186	35	26	98	1.2	5.1	120.9	1.6	0.6	A N	173
1731	4ACSR	27.7	12.5	0.0	A N	88	17	12	9	88	17	12	98	0.2	5.4	120.6	0.2	-0.1	A N	1731
1732	4ACSR	27.7	12.5	0.0	A N	62	12	9	7	65	12	9	98	0.2	5.3	120.7	0.1	-0.1	A N	1732
1733	4ACSR	38.1	12.5	0.0	A N	3	1	0	0	3	0	0	100	0.0	5.3	120.7	0.0	-0.5	A N	1733
177	4ACSR	23.2	12.5	0.0	A N	52	10	7	8	82	15	11	98	0.3	4.3	121.7	0.2	-0.1	A N	177
1771	4ACSR	27.7	12.5	0.0	A N	30	6	4	3	30	6	4	98	0.1	4.4	121.6	0.0	-0.2	A N	1771

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1659	331	75	98			126.0			ABCN	Feeder
	167	4/0ACSR	2.7	12.5	0.0	ABCN	36	7	2	22	1659	331	75	98	0.5	0.5	125.5	5.0	6.0	ABCN	167
	176	6ACWC	8.6	12.5	0.0	ABCN	137	26	6	52	1619	318	73	98	3.3	3.8	122.2	40.2	12.9	ABCN	176
	202	6ACWC	11.3	12.5	0.0	ABCN	53	10	2	40	1209	236	56	98	1.2	5.0	121.0	11.4	3.5	ABCN	202
	Regulator	1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 202																			
		ABCN : Tap = 6 RAISE																			
	Regulator		11.3	12.5	0.0	ABCN				54	1144	222	54	98	-4.5	0.4	125.5	0.0	0.0	ABCN	Regulator
	2021	4ACSR	16.1	12.5	0.0	A N	66	13	9	6	66	13	9	98	0.2	1.1	124.9	0.1	-0.2	A N	2021
	2022	6ACWC	15.6	12.5	0.0	ABCN	60	12	3	35	1077	209	49	98	1.6	2.1	123.9	13.3	3.8	ABCN	2022
	2023	6ACWC	21.5	12.5	0.0	ABCN	61	12	3	33	1004	194	46	98	2.1	4.2	121.8	16.1	4.6	ABCN	2023
	203	6ACWC	23.9	12.5	0.0	ABCN	68	13	3	13	407	74	19	98	0.3	4.5	121.5	1.1	-0.0	ABCN	203
	204	4ACSR	28.7	12.5	0.0	A N	74	14	10	34	336	59	47	98	1.9	7.2	118.8	4.6	2.2	A N	204
L	2041	4ACSR	32.0	12.5	0.0	A N	84	16	12	26	258	43	37	99	1.0	8.2	117.8	1.7	0.8	A N	2041
L	453	4ACSR	34.4	12.5	0.0	A N	172	26	25	18	173	26	25	99	0.3	8.4	117.6	0.4	0.1	A N	453
	211	6ACWC	26.0	12.5	0.0	ABCN	82	16	4	17	519	103	24	98	0.8	5.0	121.0	3.2	0.4	ABCN	211
	2111	6ACWC	29.9	12.5	0.0	ABCN	120	23	6	15	433	86	20	98	0.6	5.5	120.5	1.9	0.1	ABCN	2111
L	208	4ACSR	34.5	12.5	0.0	A N	52	10	7	31	309	61	44	98	1.8	8.4	117.6	4.0	1.9	A N	208
L	2081	4ACSR	38.9	12.5	0.0	A N	252	49	37	26	253	49	37	98	0.8	9.2	116.8	1.6	0.6	A N	2081
	201	4ACSR	14.2	12.5	0.0	A N	92	18	13	23	232	42	32	98	1.4	5.5	120.5	2.1	0.8	A N	201
	2011	4ACSR	17.6	12.5	0.0	A N	4	1	1	14	138	23	19	99	0.6	6.1	119.9	0.6	0.2	A N	2011
	2012	4ACSR	20.7	12.5	0.0	A N	60	9	8	6	60	9	8	99	0.1	6.2	119.8	0.1	-0.1	A N	2012
	2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	7	72	13	10	98	0.3	6.4	119.6	0.2	-0.0	A N	2013
	207	4ACSR	28.3	12.5	0.0	A N	43	8	6	7	72	13	10	98	0.5	6.9	119.1	0.3	-0.2	A N	207
	210	4ACSR	35.4	12.5	0.0	A N	29	6	4	3	29	5	4	98	0.1	7.1	118.9	0.0	-0.3	A N	210

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********** Load-Flow Results For Sideview Ckt 4 **********
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Sideview Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1590	327	72	98			126.0			ABCN	Feeder
	166	4/0ACSR	5.6	12.5	0.0	ABCN	13	2	1	21	1590	327	72	98	0.9	0.9	125.1	9.7	11.4	ABCN	166
	1661	4/0ACSR	10.2	12.5	0.0	ABCN	38	7	2	21	1567	313	71	98	0.7	1.7	124.3	7.5	8.9	ABCN	1661
	165	4/0ACSR	15.3	12.5	0.0	ABCN	30	6	1	14	1072	207	49	98	0.6	2.2	123.8	3.9	4.1	ABCN	165
	1651	4/0ACSR	19.0	12.5	0.0	ABCN	5	1	0	14	1038	197	47	98	0.4	2.6	123.4	2.8	2.9	ABCN	1651
	164	1/0ACSR	23.0	12.5	0.0	ABCN	8	2	0	7	362	66	17	98	0.3	2.9	123.1	0.7	-0.2	ABCN	164
	158	4ACSR	29.3	12.5	0.0	A N	18	3	2	2	18	3	2	99	0.1	3.0	123.0	0.0	-0.3	A N	158
	163	1/0ACSR	29.9	12.5	0.0	ABCN	48	9	2	7	336	62	15	98	0.4	3.3	122.7	0.9	-0.5	ABCN	163
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 163																				
	ABCN : Tap = 4 RAISE																				
	Regulator			29.9	12.5	0.0	ABCN				13	287	53	13	98	-3.1	0.2	125.8	-0.0	0.0	ABCN	Regulator
	1631	1/0ACSR	31.2	12.5	0.0	ABCN	5	1	0	6	287	53	13	98	0.1	0.3	125.7	0.1	-0.2	ABCN	1631
	24	6ACWC	34.7	12.5	0.0	ABCN	3	0	0	0	3	-0	0	-100	0.0	0.3	125.7	0.0	-0.6	ABCN	24
	5	4ACSR	39.0	12.5	0.0	A N	82	15	11	27	279	52	38	98	2.4	2.8	123.2	4.4	1.9	A N	5
	4	4ACSR	41.1	12.5	0.0	A N	47	9	6	15	148	27	20	98	0.3	3.2	122.8	0.3	0.1	A N	4
	2	4ACSR	45.8	12.5	0.0	A N	25	5	3	7	68	12	9	98	0.4	3.5	122.5	0.2	-0.1	A N	2
	2112	4ACSR	51.5	12.5	0.0	A N	43	8	6	4	43	8	6	98	0.2	3.7	122.3	0.1	-0.2	A N	2112
	6	4ACSR	45.8	12.5	0.0	A N	33	6	5	3	33	6	5	98	0.1	3.3	122.7	0.0	-0.2	A N	6
	3	2ACSR	43.6	12.5	0.0	A N	18	3	2	3	44	8	6	99	0.2	3.0	123.0	0.0	-0.2	A N	3
	3111	2ACSR	48.3	12.5	0.0	A N	21	4	3	2	27	5	4	99	0.1	3.0	123.0	0.0	-0.2	A N	3111
	3112	4ACSR	52.8	12.5	0.0	A N	6	1	1	1	6	1	1	99	0.0	3.1	122.9	0.0	-0.2	A N	3112
	174	4ACSR	25.0	12.5	0.0	ABCN	41	8	2	22	668	127	31	98	1.5	4.1	121.9	7.8	1.6	ABCN	174
	1741	4ACSR	31.0	12.5	0.0	ABCN	69	13	3	21	619	118	29	98	1.4	5.5	120.5	6.5	1.2	ABCN	1741
	17411	336ACSR	33.6	12.5	0.0	ABCN	66	12	3	4	425	82	20	98	0.1	5.6	120.4	0.2	-0.2	ABCN	17411
	1743	4ACSR	37.0	12.5	0.0	ABCN	16	3	1	12	358	70	17	98	0.5	6.1	119.9	1.4	-0.1	ABCN	1743
	213	4ACSR	39.1	12.5	0.0	ABCN	33	6	2	11	336	66	16	98	0.3	6.3	119.7	0.7	-0.1	ABCN	213
	2131	4ACSR	39.9	12.5	0.0	ABCN	2	0	0	10	289	58	14	98	0.1	6.4	119.6	0.2	-0.1	ABCN	2131
L	215	4ACSR	45.1	12.5	0.0	A N	30	6	4	29	286	57	41	98	1.9	8.8	117.2	4.1	1.9	A N	215
L	217	4ACSR	52.0	12.5	0.0	A N	19	4	3	26	252	49	37	98	2.3	11.1	114.9	4.6	2.1	A N	217
L	2171	4ACSR	57.8	12.5	0.0	A N	32	6	5	24	228	43	34	98	1.8	12.9	113.1	3.1	1.4	A N	2171
L	220	4ACSR	63.7	12.5	0.0	A N	130	24	20	14	131	25	20	98	0.6	13.4	112.6	0.6	0.1	A N	220
L	221	4ACSR	62.2	12.5	0.0	A N	51	10	8	7	63	11	9	98	0.2	13.1	112.9	0.1	-0.1	A N	221
L	2211	4ACSR	66.3	12.5	0.0	A N	12	2	2	1	12	2	2	99	0.0	13.1	112.9	0.0	-0.2	A N	2211
	214	4ACSR	44.5	12.5	0.0	A N	14	3	2	1	14	2	2	99	0.1	6.8	119.2	0.0	-0.2	A N	214
	218	4ACSR	42.4	12.5	0.0	A N	5	1	1	0	5	1	1	99	0.0	6.5	119.5	0.0	-0.2	A N	218
	1742	4ACSR	38.2	12.5	0.0	ABCN	117	22	6	4	118	21	6	98	0.2	5.7	120.3	0.5	-0.9	ABCN	1742
	175	4ACSR	15.7	12.5	0.0	A N	60	11	8	44	449	90	61	98	3.0	4.7	121.3	9.6	4.8	A N	175
	200	4ACSR	22.3	12.5	0.0	A N	51	10	7	38	380	74	53	98	3.1	7.9	118.1	8.7	4.2	A N	200
L	2001	4ACSR	29.3	12.5	0.0	A N	121	23	17	12	122	23	17	98	0.6	8.5	117.5	0.6	-0.0	A N	2001
L	2002	4ACSR	23.3	12.5	0.0	A N	6	1	1	20	198	37	28	98	0.3	8.1	117.9	0.4	0.2	A N	2002
L	206	4ACSR	27.1	12.5	0.0	A N	29	5	4	4	34	6	5	98	0.1	8.2	117.8	0.0	-0.2	A N	206
L	2061	4ACSR	32.9	12.5	0.0	A N	6	1	1	1	6	1	1	99	0.0	8.3	117.7	0.0	-0.3	A N	2061
L	2162	4ACSR	27.8	12.5	0.0	A N	22	4	3	16	157	30	23	98	0.9	9.0	117.0	1.1	0.4	A N	2162
L	2161	4ACSR	31.3	12.5	0.0	A N	84	16	12	14	134	25	19	98	0.4	9.5	116.5	0.4	0.1	A N	2161
L	216	4ACSR	34.3	12.5	0.0	A N	50	9	7	5	50	9	7	98	0.1	9.6	116.4	0.0	-0.1	A N	216

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********** Load-Flow Results For Stanton Ckt 1 **********
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Stanton Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					2240	285	100	99			126.0			ABCN	Feeder
620	336ACSR	0.4	12.5	0.0	ABCN	3	2	0	19	2240	285	100	99	0.1	0.1	125.9	0.7	1.5	ABCN	620
62098	336ACSR	1.2	12.5	0.0	ABCN	9	5	0	18	2184	252	97	99	0.1	0.1	125.9	1.3	2.5	ABCN	62098
62096	336ACSR	1.7	12.5	0.0	ABCN	0	0	0	18	2164	240	96	99	0.1	0.2	125.8	0.8	1.7	ABCN	62096
62094	336ACSR	2.6	12.5	0.0	ABCN	22	12	1	18	2114	211	94	100	0.1	0.3	125.7	1.3	2.6	ABCN	62094
62092	336ACSR	3.1	12.5	0.0	ABCN	10	-324	14	17	2025	159	90	100	0.1	0.3	125.7	0.7	1.3	ABCN	62092
Capacitor (Wye-Gnd Connected) at Center of Section 62092																					
	ABCN : Nominal = 300 kvar Actual = 329 kvar																				
622	336ACSR	3.5	12.5	0.0	ABCN	10	5	0	12	1462	280	66	98	0.0	0.4	125.6	0.3	0.6	ABCN	622	
6220	4ACSR	3.9	12.5	0.0	ABCN	70	-146	7	16	496	-48	22	-100	0.1	0.5	125.5	0.3	0.0	ABCN	6220	
Capacitor (Wye-Gnd Connected) at Center of Section 6220																					
	ABCN : Nominal = 150 kvar Actual = 164 kvar																				
6221	4ACSR	4.4	12.5	0.0	ABCN	251	9	11	8	251	9	11	100	0.0	0.5	125.5	0.2	-0.0	ABCN	6221	
623	397ACSR	4.2	12.5	0.0	ABCN	5	3	0	1	175	89	9	89	0.0	0.5	125.5	0.0	-0.1	ABCN	623	
6223	2ACSR	4.7	12.5	0.0	A N	19	11	3	2	19	11	3	87	0.0	0.5	125.5	0.0	-0.0	A N	6223	
6231	397ACSR	4.8	12.5	0.0	ABCN	-0	-0	0	1	151	75	7	89	0.0	0.5	125.5	0.0	-0.1	ABCN	6231	
6215	4ACSR	5.2	12.5	0.0	A N	17	9	3	2	17	9	3	87	0.0	0.5	125.5	0.0	-0.0	A N	6215	
6232	397ACSR	5.7	12.5	0.0	ABCN	56	23	3	1	134	66	7	90	0.0	0.5	125.5	0.0	-0.2	ABCN	6232	
6218	4ACSR	6.2	12.5	0.0	A N	67	38	10	7	67	38	10	87	0.0	0.5	125.5	0.0	-0.0	A N	6218	
62321	336ACSR	5.9	12.5	0.0	ABCN	10	6	1	0	10	6	1	87	0.0	0.5	125.5	0.0	-0.0	ABCN	62321	
625	336ACSR	4.3	12.5	0.0	ABCN	24	13	1	8	957	322	45	95	0.1	0.4	125.6	0.3	0.4	ABCN	625	
6252	336ACSR	4.6	12.5	0.0	ABCN	21	12	1	2	276	86	13	95	0.0	0.4	125.6	0.0	-0.1	ABCN	6252	
6250	4ACSR	6.5	12.5	0.0	A N	82	46	12	9	82	46	12	87	0.1	0.6	125.4	0.1	-0.1	A N	6250	
6253	336ACSR	5.1	12.5	0.0	ABCN	43	24	2	0	52	29	3	87	0.0	0.4	125.6	0.0	-0.1	ABCN	6253	
6254	4ACSR	5.6	12.5	0.0	A N	8	5	1	1	8	5	1	87	0.0	0.5	125.5	0.0	-0.0	A N	6254	
6255	336ACSR	5.5	12.5	0.0	ABCN	122	-0	5	1	122	-0	5	-100	0.0	0.4	125.6	0.0	-0.2	ABCN	6255	
6251	4ACSR	5.6	12.5	0.0	A N	81	40	12	9	81	40	12	90	0.1	0.5	125.5	0.1	-0.0	A N	6251	
6256	336ACSR	4.6	12.5	0.0	ABCN	70	11	3	5	576	182	27	95	0.0	0.5	125.5	0.0	0.0	ABCN	6256	
62561	336ACSR	5.0	12.5	0.0	ABCN	46	14	2	3	330	73	15	98	0.0	0.5	125.5	0.0	-0.1	ABCN	62561	
6257	4ACSR	5.8	12.5	0.0	A N	50	20	7	5	50	20	7	93	0.0	0.5	125.5	0.0	-0.0	A N	6257	
6258	336ACSR	5.4	12.5	0.0	ABCN	13	2	1	2	234	40	11	99	0.0	0.5	125.5	0.0	-0.1	ABCN	6258	
62513	336ACSR	5.9	12.5	0.0	ABCN	198	26	9	2	198	26	9	99	0.0	0.5	125.5	0.0	-0.1	ABCN	62513	
62510	6ACWC	5.7	12.5	0.0	A N	23	13	3	2	23	13	3	87	0.0	0.5	125.5	0.0	-0.0	A N	62510	
6259	2ACSR	5.6	12.5	0.0	A N	72	40	11	15	176	98	27	87	0.2	0.6	125.4	0.2	0.1	A N	6259	
62511	4ACSR	6.6	12.5	0.0	A N	8	5	1	11	103	58	16	87	0.1	0.8	125.2	0.1	0.0	A N	62511	
62512	4ACSR	7.7	12.5	0.0	A N	95	53	14	10	95	53	14	87	0.1	0.8	125.2	0.1	-0.0	A N	62512	
6222	336ACSR	3.4	12.5	0.0	ABCN	48	27	2	5	552	201	26	94	0.0	0.4	125.6	0.0	0.0	ABCN	6222	
621	336ACSR	3.8	12.5	0.0	ABCN	22	13	1	4	479	161	22	95	0.0	0.4	125.6	0.0	-0.0	ABCN	621	
6210	4ACSR	4.2	12.5	0.0	A N	21	11	3	2	21	11	3	87	0.0	0.4	125.6	0.0	-0.0	A N	6210	
6213	336ACSR	4.1	12.5	0.0	ABCN	93	19	4	3	292	87	13	96	0.0	0.4	125.6	0.0	-0.0	ABCN	6213	
6212	4ACSR	4.9	12.5	0.0	A N	90	50	14	10	90	50	14	87	0.1	0.4	125.6	0.0	-0.0	A N	6212	
6214	336ACSR	4.7	12.5	0.0	ABCN	101	16	5	1	108	19	5	99	0.0	0.4	125.6	0.0	-0.1	ABCN	6214	
6216	4ACSR	5.1	12.5	0.0	A N	8	3	1	1	8	3	1	93	0.0	0.4	125.6	0.0	-0.0	A N	6216	
6217	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.4	125.6	0.0	-0.0	ABCN	6217	
62171	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.4	125.6	0.0	-0.0	ABCN	62171	
6211	4ACSR	5.1	12.5	0.0	A N	145	49	20	14	145	49	20	95	0.1	0.5	125.5	0.1	0.0	A N	6211	
6219	2ACSR	3.8	12.5	0.0	A N	24	13	4	2	24	13	4	87	0.0	0.4	125.6	0.0	-0.0	A N	6219	
62093	4ACSR	3.4	12.5	0.0	A N	67	37	10	7	67	37	10	87	0.0	0.3	125.7	0.0	-0.0	A N	62093	
62095	4ACSR	2.9	12.5	0.0	A N	49	27	7	5	49	27	7	87	0.0	0.2	125.8	0.0	-0.1	A N	62095	
62097	4ACSR	1.9	12.5	0.0	A N	10	6	2	1	10	6	2	87	0.0	0.1	125.9	0.0	-0.0	A N	62097	
62099	4ACSR	2.5	12.5	0.0	A N	52	29	8	6	52	29	8	87	0.1	0.1	125.9	0.0	-0.1	A N	62099	

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********** Load-Flow Results For Stanton Ckt 2 **********
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Stanton Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg Section
Feeder			12.5	0.0	ABCN					2417	510	109	98			126.0			ABCN Feeder
609	336ACSR	0.4	12.5	0.0	ABCN	0	0	0	21	2417	510	109	98	0.1	0.1	125.9	0.9	1.7	ABCN 609
6090	336ACSR	2.6	12.5	0.0	ABCN	0	0	0	21	2416	508	109	98	0.3	0.4	125.6	4.5	8.9	ABCN 6090
60900	336ACSR	3.0	12.5	0.0	ABCN	0	0	0	21	2412	500	109	98	0.1	0.4	125.6	0.9	1.9	ABCN 60900
6091	336ACSR	3.4	12.5	0.0	ABCN	0	0	0	21	2411	498	109	98	0.1	0.5	125.5	0.8	1.7	ABCN 6091
60921	336ACSR	3.6	12.5	0.0	ABCN	0	-0	0	21	2410	496	109	98	0.0	0.5	125.5	0.3	0.6	ABCN 60921
6092	336ACSR	3.9	12.5	0.0	ABCN	3	2	0	21	2409	495	109	98	0.0	0.6	125.4	0.6	1.1	ABCN 6092
624	336ACSR	6.1	12.5	0.0	ABCN	121	-139	8	21	2406	493	109	98	0.3	0.9	125.1	4.5	9.0	ABCN 624
Capacitor (Wye-Gnd Connected) at Center of Section 624																			
	ABCN :	Nominal =	150 kvar			Actual =	163 kvar												
648	4/0ACSR	6.6	12.5	0.0	ABCN	94	28	4	13	1010	94	45	100	0.0	1.0	125.0	0.3	0.3	ABCN 648
6480	4ACSR	8.0	12.5	0.0	ABCN	180	18	8	6	180	18	8	99	0.0	1.0	125.0	0.2	-0.1	ABCN 6480
6483	1/0ACSR	6.9	12.5	0.0	ABCN	2	1	0	14	736	48	33	100	0.0	1.0	125.0	0.2	0.1	ABCN 6483
6481	1/0ACSR	7.8	12.5	0.0	ABCN	287	15	13	14	706	32	31	100	0.1	1.1	124.9	0.5	0.3	ABCN 6481
649	1/0ACSR	8.1	12.5	0.0	ABCN	125	3	6	8	419	17	19	100	0.0	1.1	124.9	0.1	-0.0	ABCN 649
6493	1/0ACSR	8.4	12.5	0.0	ABCN	0	0	0	6	294	14	13	100	0.0	1.1	124.9	0.0	-0.0	ABCN 6493
6490	1/0ACSR	8.7	12.5	0.0	ABCN	124	5	6	4	228	9	10	100	0.0	1.1	124.9	0.0	-0.0	ABCN 6490
6491	1/0ACSR	9.4	12.5	0.0	ABCN	104	4	5	2	104	3	5	100	0.0	1.1	124.9	0.0	-0.1	ABCN 6491
6492	1/0ACSR	9.2	12.5	0.0	ABCN	66	5	3	1	66	5	3	100	0.0	1.1	124.9	0.0	-0.2	ABCN 6492
6482	4ACSR	7.6	12.5	0.0	A N	27	14	4	3	27	14	4	88	0.0	1.0	125.0	0.0	-0.0	A N 6482
627	1/0CU	6.7	12.5	0.0	ABCN	-0	0	0	20	1270	529	61	92	0.1	1.0	125.0	0.7	0.8	ABCN 627
6270	1/0CU	7.2	12.5	0.0	ABCN	9	5	0	19	1226	505	59	92	0.1	1.1	124.9	0.6	0.6	ABCN 6270
6271	1/0CU	7.6	12.5	0.0	ABCN	11	6	1	17	1060	462	51	92	0.1	1.1	124.9	0.3	0.3	ABCN 6271
6278	1/0CU	9.0	12.5	0.0	ABCN	64	34	3	14	897	379	43	92	0.2	1.3	124.7	0.9	0.8	ABCN 6278
6279	1/0CU	9.7	12.5	0.0	ABCN	8	4	0	2	169	20	8	99	0.0	1.3	124.7	0.0	-0.1	ABCN 6279
6280	4ACSR	10.9	12.5	0.0	A N	23	12	3	2	23	12	3	89	0.0	1.4	124.6	0.0	-0.1	A N 6280
6281	1/0CU	10.3	12.5	0.0	ABCN	139	4	6	2	139	4	6	100	0.0	1.3	124.7	0.0	-0.1	ABCN 6281
6282	1/0CU	9.8	12.5	0.0	ABCN	4	2	0	11	662	325	33	90	0.1	1.4	124.6	0.3	0.2	ABCN 6282
747	1/0CU	10.5	12.5	0.0	ABCN	6	3	0	10	599	292	30	90	0.1	1.4	124.6	0.2	0.1	ABCN 747
7472	1/0CU	11.3	12.5	0.0	ABCN	-0	0	0	8	478	239	24	89	0.1	1.5	124.5	0.2	0.0	ABCN 7472
7473	1/0CU	12.3	12.5	0.0	ABCN	60	26	3	1	60	26	3	92	0.0	1.5	124.5	0.0	-0.2	ABCN 7473
7475	1/0CU	11.7	12.5	0.0	ABCN	-0	0	0	7	418	214	21	89	0.0	1.5	124.5	0.1	-0.0	ABCN 7475
7474	1/0EPR	12.1	12.5	0.0	A N	119	63	18	9	119	63	18	88	0.1	1.6	124.4	0.1	0.0	A N 7474
7476	1/0CU	16.0	12.5	0.0	ABCN	26	14	1	5	299	151	15	89	0.2	1.7	124.3	0.3	-0.4	ABCN 7476
750	4ACSR	18.9	12.5	0.0	ABCN	42	17	2	1	42	16	2	93	0.0	1.7	124.3	0.0	-0.5	ABCN 750
757	6ACWC	20.0	12.5	0.0	A N	153	81	23	25	230	121	35	89	0.9	2.6	123.4	1.3	0.6	A N 757
7571	2ACSR	21.9	12.5	0.0	A N	51	27	8	4	51	27	8	88	0.1	2.7	123.3	0.0	-0.1	A N 7571
7572	4ACSR	32.0	12.5	0.0	A N	24	13	4	3	25	12	4	89	0.2	2.9	123.1	0.0	-0.6	A N 7572
7470	1/0CU	11.4	12.5	0.0	ABCN	77	29	4	2	115	49	6	92	0.0	1.4	124.6	0.0	-0.2	ABCN 7470
7471	1/0CU	14.3	12.5	0.0	A N	38	20	6	2	38	20	6	89	0.0	1.5	124.5	0.0	-0.1	A N 7471
630	4ACSR	12.2	12.5	0.0	A N	9	5	1	6	59	31	9	89	0.2	1.6	124.4	0.1	-0.1	A N 630
6300	4ACSR	14.0	12.5	0.0	A N	16	9	2	2	16	9	2	89	0.0	1.6	124.4	0.0	-0.1	A N 6300
6301	4ACSR	13.2	12.5	0.0	A N	34	18	5	4	34	18	5	88	0.0	1.6	124.4	0.0	-0.0	A N 6301
6272	1/0CU	7.9	12.5	0.0	AB N	32	17	2	4	152	77	11	89	0.0	1.1	124.9	0.0	-0.0	AB N 6272
6274	1/0CU	8.3	12.5	0.0	AB N	11	2	1	3	120	60	9	90	0.0	1.2	124.8	0.0	-0.0	AB N 6274
6275	6ACWC	9.7	12.5	0.0	A N	110	58	17	12	110	58	17	88	0.1	1.3	124.7	0.1	-0.0	A N 6275
6276	1/0CU	8.1	12.5	0.0	AB N	105	11	7	3	156	38	11	97	0.0	1.1	124.9	0.0	-0.1	AB N 6276
6277	6ACWC	11.7	12.5	0.0	A N	50	27	8	5	50	26	8	89	0.1	1.3	124.7	0.1	-0.2	A N 6277
6273	6ACWC	7.9	12.5	0.0	A N	44	23	7	5	44	23	7	88	0.0	1.1	124.9	0.0	-0.1	A N 6273

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********** Load-Flow Results For Stanton Ckt 3 **********
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Stanton Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Phs Section
Feeder			12.5	0.0	ABCN					2091	270	93	99			126.0			ABCN	Feeder
631	397ACSR	1.7	12.5	0.0	ABCN	243	-141	12	16	2091	270	93	99	0.2	0.2	125.8	2.0	4.6	ABCN	631
Capacitor (Wye-Gnd Connected) at Center of Section 631																				
	ABCN : Nominal = 150 kvar					Actual = 165 kvar														
6312	397ACSR	4.3	12.5	0.0	ABCN	4	2	0	14	1846	406	83	98	0.3	0.4	125.6	2.7	5.9	ABCN	6312
618	1/0ACSR	5.1	12.5	0.0	ABCN	26	14	1	25	1190	519	57	92	0.2	0.6	125.4	1.7	1.1	ABCN	618
6180	4ACSR	6.6	12.5	0.0	A N	50	28	8	5	50	28	8	88	0.1	0.7	125.3	0.0	-0.1	A N	6180
6181	1/0ACSR	5.6	12.5	0.0	ABCN	46	25	2	23	1112	476	54	92	0.1	0.7	125.3	0.8	0.5	ABCN	6181
6182	1/0ACSR	6.3	12.5	0.0	ABCN	0	0	0	22	1066	450	51	92	0.2	0.9	125.1	1.2	0.8	ABCN	6182
629	1/0ACSR	9.7	12.5	0.0	ABCN	34	19	2	16	778	291	37	94	0.5	1.4	124.6	2.8	1.5	ABCN	629
6291	1/0ACSR	11.4	12.5	0.0	ABCN	0	0	0	14	704	251	33	94	0.2	1.7	124.3	1.2	0.6	ABCN	6291
62911	1/0ACSR	11.4	12.5	0.0	ABCN	-0	0	0	14	703	250	33	94	0.0	1.7	124.3	0.0	0.0	ABCN	62911
6292	1/0ACSR	12.3	12.5	0.0	ABCN	124	1	6	2	124	1	6	100	0.0	1.7	124.3	0.0	-0.1	ABCN	6292
6293	1/0ACSR	12.6	12.5	0.0	ABCN	93	13	4	12	579	249	28	92	0.1	1.8	124.2	0.5	0.2	ABCN	6293
626	4ACSR	13.5	12.5	0.0	ABCN	21	11	1	17	482	235	24	90	0.2	2.0	124.0	0.7	0.1	ABCN	626
6261	4ACSR	14.3	12.5	0.0	ABCN	21	1	1	4	114	52	6	91	0.0	2.0	124.0	0.0	-0.1	ABCN	6261
6263	4ACSR	15.5	12.5	0.0	A N	12	7	2	10	93	51	14	88	0.2	2.3	123.7	0.1	0.0	A N	6263
6264	2ACSR	17.5	12.5	0.0	A N	37	20	6	3	37	20	6	88	0.0	2.3	123.7	0.0	-0.1	A N	6264
6265	4ACSR	16.6	12.5	0.0	A N	15	8	2	5	44	24	7	88	0.1	2.4	123.6	0.0	-0.0	A N	6265
6266	4ACSR	17.9	12.5	0.0	A N	12	6	2	1	12	6	2	88	0.0	2.4	123.6	0.0	-0.1	A N	6266
6267	4ACSR	19.4	12.5	0.0	A N	18	10	3	2	18	10	3	88	0.0	2.4	123.6	0.0	-0.1	A N	6267
6262	4ACSR	14.5	12.5	0.0	ABCN	30	5	1	12	347	171	17	90	0.1	2.1	123.9	0.4	-0.0	ABCN	6262
651	6ACWC	19.8	12.5	0.0	A N	71	39	11	34	316	165	48	89	2.1	4.4	121.6	4.7	2.6	A N	651
6510	6ACWC	24.5	12.5	0.0	A N	47	18	7	26	240	123	37	89	1.5	5.8	120.2	2.6	1.3	A N	6510
643	4ACSR	29.4	12.5	0.0	A N	32	18	5	22	191	104	30	88	1.4	7.2	118.8	2.0	0.8	A N	643
6431	4ACSR	32.4	12.5	0.0	A N	26	15	4	18	157	86	25	88	0.7	7.9	118.1	0.8	0.3	A N	6431
6421	4ACSR	34.7	12.5	0.0	A N	13	7	2	2	13	7	2	88	0.0	7.9	118.1	0.0	-0.1	A N	6421
L 644	6ACWC	37.4	12.5	0.0	A N	57	32	9	13	116	63	19	88	0.7	8.6	117.4	0.5	0.1	A N	644
L 645	4ACSR	39.9	12.5	0.0	A N	8	4	1	1	8	4	1	88	0.0	8.6	117.4	0.0	-0.1	A N	645
L 6530	4ACSR	39.5	12.5	0.0	A N	7	4	1	6	50	27	8	88	0.2	8.7	117.3	0.1	-0.1	A N	6530
L 6531	4ACSR	47.5	12.5	0.0	A N	30	17	5	4	30	16	5	88	0.2	8.9	117.1	0.1	-0.3	A N	6531
L 653	4ACSR	43.2	12.5	0.0	A N	13	7	2	2	13	7	2	88	0.0	8.8	117.2	0.0	-0.2	A N	653
6294	1/0ACSR	12.9	12.5	0.0	ABCN	3	2	0	0	3	2	0	88	0.0	1.8	124.2	0.0	-0.1	ABCN	6294
6290	1/0ACSR	11.3	12.5	0.0	A N	37	21	6	2	37	21	6	88	0.0	1.5	124.5	0.0	-0.1	A N	6290
632	4ACSR	7.6	12.5	0.0	A N	2	1	0	31	287	157	44	88	0.6	1.5	124.5	1.3	0.6	A N	632
6321	4ACSR	11.1	12.5	0.0	A N	62	34	9	31	284	156	43	88	1.3	2.9	123.1	2.8	1.3	A N	6321
6323	4ACSR	14.4	12.5	0.0	A N	79	44	12	17	157	86	24	88	0.6	3.5	122.5	0.6	0.2	A N	6323
642	4ACSR	21.9	12.5	0.0	A N	37	21	6	5	44	24	7	88	0.3	3.8	122.2	0.1	-0.3	A N	642
6422	4ACSR	25.4	12.5	0.0	A N	7	4	1	1	7	4	1	88	0.0	3.8	122.2	0.0	-0.2	A N	6422
652	4ACSR	18.8	12.5	0.0	A N	33	18	5	4	33	18	5	88	0.1	3.6	122.4	0.0	-0.2	A N	652
6322	4ACSR	16.8	12.5	0.0	A N	63	35	10	7	63	34	10	88	0.3	3.1	122.9	0.1	-0.2	A N	6322
616	336ACSR	9.4	12.5	0.0	ABCN	0	-0	0	6	650	-120	29	-98	0.1	0.5	125.5	0.8	0.5	ABCN	616
6161	336ACSR	11.7	12.5	0.0	ABCN	639	-127	29	6	649	-121	29	-98	0.0	0.5	125.5	0.7	1.2	ABCN	6161
Capacitor (Wye-Gnd Connected) at Center of Section 6161																				
	ABCN : Nominal = 150 kvar					Actual = 164 kvar														
6162	336ACSR	13.0	12.5	0.0	ABCN	9	5	0	0	9	4	0	91	0.0	0.5	125.5	0.0	-0.3	ABCN	6162
6163	4ACSR	15.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-98	0.0	0.7	125.3	0.0	-0.1	A N	6163
6164	336ACSR	15.8	12.5	0.0	ABCN	1	0	0	0	1	-0	0	-92	0.0	0.5	125.5	0.0	-0.6	ABCN	6164

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********** Load-Flow Results For Stanton Ckt 4 **********

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Stanton Ckt 4

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					4942	1308	225	97			126.0			ABCN	Feeder
	619	397ACSR	0.4	12.5	0.0	ABCN	5	2	0	38	4942	1308	225	97	0.1	0.1	125.9	2.7	6.4	ABCN	619
	6190	397ACSR	1.2	12.5	0.0	ABCN	326	5	14	2	327	5	14	100	0.0	0.1	125.9	0.1	-0.0	ABCN	6190
	6191	397ACSR	1.5	12.5	0.0	ABCN	8	4	0	36	4608	1295	211	96	0.3	0.4	125.6	7.2	17.3	ABCN	6191
	6192	4ACSR	3.4	12.5	0.0	A N	209	89	30	22	209	89	30	92	0.3	0.7	125.3	0.5	0.1	A N	6192
	6193	397ACSR	2.2	12.5	0.0	ABCN	3	-326	14	34	4383	1185	201	97	0.2	0.6	125.4	4.5	10.9	ABCN	6193
	Capacitor (Wye-Gnd Connected) at Center of Section 6193																				
	ABCN : Nominal = 300 kvar Actual = 328 kvar																				
	612	336ACSR	3.0	12.5	0.0	ABCN	4	2	0	36	4117	1387	193	95	0.2	0.9	125.1	5.3	10.9	ABCN	612
	6125	336ACSR	3.7	12.5	0.0	ABCN	27	14	1	34	3849	1244	180	95	0.2	1.0	125.0	3.6	7.4	ABCN	6125
	6126	4ACSR	4.4	12.5	0.0	A N	42	21	6	4	42	21	6	89	0.0	1.1	124.9	0.0	-0.0	A N	6126
	6127	336ACSR	4.0	12.5	0.0	ABCN	34	17	2	33	3776	1202	176	95	0.1	1.1	124.9	1.6	3.2	ABCN	6127
	6131	336ACSR	5.8	12.5	0.0	ABCN	135	61	7	32	3627	1153	169	95	0.5	1.6	124.4	8.8	18.2	ABCN	6131
	6132	336ACSR	6.7	12.5	0.0	ABCN	23	12	1	31	3483	1075	163	96	0.2	1.8	124.2	3.9	8.0	ABCN	6132
	61321	336ACSR	6.7	12.5	0.0	ABCN	-0	0	0	30	3456	1055	162	96	0.0	1.8	124.2	0.3	0.7	ABCN	61321
	6133	397ACSR	6.9	12.5	0.0	ABCN	65	28	3	27	3456	1054	162	96	0.0	1.9	124.1	0.8	2.0	ABCN	6133
	6134	397ACSR	7.7	12.5	0.0	ABCN	19	10	1	27	3390	1024	158	96	0.2	2.0	124.0	2.8	6.6	ABCN	6134
	6136	397ACSR	8.6	12.5	0.0	ABCN	5	3	0	25	3135	890	146	96	0.2	2.2	123.8	2.8	6.6	ABCN	6136
	614	397ACSR	12.6	12.5	0.0	ABCN	19	10	1	25	3127	881	146	96	0.8	3.0	123.0	12.4	29.4	ABCN	614
	564	397ACSR	12.8	12.5	0.0	ABCN	14	7	1	18	2347	465	108	98	0.0	3.0	123.0	0.4	0.9	ABCN	564
	5642	397ACSR	15.7	12.5	0.0	ABCN	827	15	37	17	2141	360	98	99	0.3	3.3	122.7	3.9	9.0	ABCN	5642
	5643	6ACWC	17.3	12.5	0.0	ABCN	37	19	2	44	1310	336	61	97	0.8	4.1	121.9	8.4	2.6	ABCN	5643
	5645	6ACWC	19.3	12.5	0.0	ABCN	58	29	3	41	1214	288	57	97	0.9	4.9	121.1	8.3	2.5	ABCN	5645
	5646	6ACWC	21.8	12.5	0.0	A N	59	30	9	24	217	110	34	89	0.7	6.0	120.0	1.1	0.5	A N	5646
	5648	2ACSR	23.8	12.5	0.0	A N	33	17	5	3	33	17	5	89	0.0	6.0	120.0	0.0	-0.1	A N	5648
	5647	6ACWC	24.2	12.5	0.0	A N	123	62	19	14	124	62	19	89	0.2	6.2	119.8	0.2	0.0	A N	5647
	5649	1/0ACSR	21.5	12.5	0.0	ABCN	212	23	10	19	929	145	43	99	0.3	5.3	120.7	2.4	1.4	ABCN	5649
	56491	2ACSR	25.6	12.5	0.0	A N	99	50	15	9	99	50	15	89	0.2	6.0	120.0	0.2	-0.1	A N	56491
	5650	1/0ACSR	23.8	12.5	0.0	ABCN	81	41	4	12	616	69	29	99	0.2	5.5	120.5	1.0	0.4	ABCN	5650
	5652	1/0ACSR	25.9	12.5	0.0	ABCN	138	16	6	11	534	27	25	100	0.2	5.7	120.3	0.7	0.2	ABCN	5652
	5653	1/0ACSR	29.2	12.5	0.0	ABCN	392	8	18	8	393	9	18	100	0.1	5.8	120.2	1.3	0.7	ABCN	5653
	5644	6ACWC	19.6	12.5	0.0	A N	51	26	8	6	51	26	8	89	0.1	4.4	121.6	0.0	-0.1	A N	5644
	5640	4ACSR	15.5	12.5	0.0	A N	83	42	13	21	191	96	29	89	0.6	3.7	122.3	0.8	0.3	A N	5640
	5641	4ACSR	19.2	12.5	0.0	A N	107	54	16	12	107	54	16	89	0.3	4.0	122.0	0.3	-0.0	A N	5641
	562	4ACSR	14.2	12.5	0.0	A N	12	6	2	35	327	165	50	89	0.8	3.8	122.2	2.0	1.0	A N	562
	5621	4ACSR	17.8	12.5	0.0	A N	32	16	5	29	263	132	40	89	1.4	5.2	120.8	2.7	1.3	A N	5621
	56225	4ACSR	19.5	12.5	0.0	A N	4	2	1	25	228	115	35	89	0.6	5.8	120.2	1.1	0.5	A N	56225
	5622	6ACWC	20.5	12.5	0.0	A N	55	28	9	25	223	112	35	89	0.3	6.1	119.9	0.5	0.2	A N	5622
	5623	4ACSR	26.3	12.5	0.0	A N	49	25	8	19	167	84	26	89	1.3	7.3	118.7	1.5	0.5	A N	5623
	5624	4ACSR	29.6	12.5	0.0	A N	79	40	12	9	79	40	12	89	0.2	7.5	118.5	0.1	-0.1	A N	5624
	5625	4ACSR	28.1	12.5	0.0	A N	37	19	6	4	37	19	6	89	0.1	7.4	118.6	0.0	-0.1	A N	5625
	5620	4ACSR	17.9	12.5	0.0	A N	50	25	8	5	50	25	8	89	0.1	3.9	122.1	0.1	-0.1	A N	5620
	615	4ACSR	15.9	12.5	0.0	A N	28	14	4	46	421	212	64	89	2.1	5.1	120.9	6.8	3.4	A N	615
	6151	4ACSR	18.4	12.5	0.0	A N	18	9	3	31	286	143	44	89	1.0	6.1	119.9	2.4	1.1	A N	6151
	745	4ACSR	22.7	12.5	0.0	A N	27	14	4	23	207	104	32	89	1.3	7.5	118.5	2.1	0.9	A N	745
L	7450	4ACSR	30.3	12.5	0.0	A N	115	58	18	13	116	58	18	89	0.7	8.2	117.8	0.7	0.0	A N	7450
	7451	4ACSR	33.5	12.5	0.0	A N	62	31	10	7	62	31	10	90	0.5	8.0	118.0	0.3	-0.3	A N	7451
	758	4ACSR	23.1	12.5	0.0	A N	58	29	9	6	59	29	9	89	0.2	6.4	119.6	0.1	-0.2	A N	758
	7580	4ACSR	26.4	12.5	0.0	A N	1	0	0	0	1	0	0	97	0.0	6.4	119.6	0.0	-0.2	A N	7580
	6150	4ACSR	21.1	12.5	0.0	A N	101	51	16	11	101	51	16	89	0.4	5.5	120.5	0.3	-0.1	A N	6150
	6135	4ACSR	11.9	12.5	0.0	A N	232	117	35	25	233	118	35	89	0.7	2.8	123.2	1.4	0.5	A N	6135
	6128	4ACSR	5.0	12.5	0.0	ABCN	91	17	4	4	114	28	5	97	0.0	1.1	124.9	0.1	-0.2	ABCN	6128
	6129	4ACSR	6.9	12.5	0.0	A N	22	11	3	2	22	11	3	89	0.0	1.2	124.8	0.0	-0.1	A N	6129
	6120	6ACWC	3.9	12.5	0.0	ABCN	17	9	1	9	259	130	13	89	0.1	1.0	125.0	0.2	-0.1	ABCN	6120
	6121	6ACWC	5.1	12.5	0.0	A N	77	39	11	8	77	39	11	89	0.1	1.0	125.0	0.0	-0.0	A N	6121
	6122	6ACWC	4.8	12.5	0.0	ABCN	11	6	1	6	165	83	8	89	0.1	1.0	125.0	0.1	-0.1	ABCN	6122
	61221	6ACWC	5.2	12.5	0.0	ABCN	9	5	0	4	101	51	5	89	0.0	1.0	125.0	0.0	-0.1	ABCN	61221
	6123	6ACWC	7.3	12.5	0.0	A N	48	24	7	5	48	24	7	89	0.1	1.1	124.9	0.0	-0.1	A N	6123
	6124	6ACWC	8.1	12.5	0.0	A N	44	22	7	5	44	22	7	89	0.1	1.1	124.9	0.0	-0.1	A N	6124
	6138	6ACWC	6.1	12.5	0.0	ABCN	53	27	3	2	53	26	3	89	0.0	1.0	125.0	0.0	-0.2	ABCN	6138
	6130	4ACSR	3.5	12.5	0.0	A N	246	108	36	26	247	108	36	92	0.2	0.9	125.1	0.5	0.2	A N	6130

Stanton Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Bas Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6137	397ACSR	4.1	12.5	0.0	ABCN	10	5	0	0	11	4	1	94	0.0	0.6	125.4	0.0	-0.4	ABCN	6137
6789	336ACSR	9.3	12.5	0.0	ABCN	1	1	0	0	1	-0	0	-97	0.0	0.6	125.4	0.0	-1.1	ABCN	6789

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********** Load-Flow Results For Three Forks Ckt 1 **********
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Three Forks Ckt 1

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				24.9	0.0	ABCN					2303	331	51	99			126.0			ABCN	Feeder
111	1/0ACSR	7.8	24.9	0.0	ABCN	56	9	1	22	2303	331	51	99	0.8	0.8	125.2	12.8	3.7	ABCN	111
11111	1/0ACSR	12.8	24.9	0.0	ABCN	27	4	1	22	2234	319	50	99	0.5	1.3	124.7	7.9	2.2	ABCN	11111
106	1/0ACSR	19.6	24.9	0.0	ABCN	23	4	1	20	2016	285	45	99	0.6	1.9	124.1	8.8	1.6	ABCN	106
10619	1/0ACSR	22.7	24.9	0.0	ABCN	-0	-0	0	16	1613	227	37	99	0.2	2.1	123.9	2.6	-0.3	ABCN	10619
102	6ACWC	30.2	24.9	0.0	A N	63	10	4	3	63	9	4	99	0.1	2.2	123.8	0.0	-1.4	A N	102
108	1/0ACSR	24.9	24.9	0.0	ABCN	10	2	0	15	1547	219	35	99	0.1	2.2	123.8	1.7	-0.3	ABCN	108
103	4ACSR	31.1	24.9	0.0	A N	64	10	4	3	64	9	4	99	0.1	2.3	123.7	0.0	-1.2	A N	103
79	1/0ACSR	28.0	24.9	0.0	ABCN	3	0	0	15	1472	209	33	99	0.2	2.4	123.6	2.2	-0.6	ABCN	79
100	1/0ACSR	29.7	24.9	0.0	ABCN	71	11	2	15	1466	209	33	99	0.1	2.5	123.5	1.2	-0.4	ABCN	100
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																					
	ABCN : Tap = 3 RAISE																				
Regulator			29.7	24.9	0.0	ABCN				32	1394	198	32	99	-2.3	0.2	125.6	0.0	0.0	ABCN	Regulator
10099	1/0ACSR	32.5	24.9	0.0	ABCN	-0	0	0	14	1394	198	31	99	0.2	0.4	125.6	1.7	-0.8	ABCN	10099
73	397ACSR	35.7	24.9	0.0	ABCN	167	26	4	3	747	102	17	99	0.0	0.4	125.6	0.1	-2.5	ABCN	73
7398	397ACSR	41.3	24.9	0.0	ABCN	226	36	5	2	484	63	11	99	0.0	0.4	125.6	0.1	-4.6	ABCN	7398
67	397ACSR	43.2	24.9	0.0	ABCN	104	16	2	1	205	24	5	99	0.0	0.4	125.6	0.0	-1.6	ABCN	67
6798	397ACSR	49.8	24.9	0.0	ABCN	50	8	1	0	50	2	1	100	0.0	0.4	125.6	0.0	-5.7	ABCN	6798
6799	4ACSR	47.5	24.9	0.0	A N	50	8	3	2	50	7	3	99	0.0	0.6	125.4	0.0	-0.9	A N	6799
7397	4ACSR	45.1	24.9	0.0	A N	52	8	4	2	52	7	3	99	0.0	0.6	125.4	0.0	-0.8	A N	7397
7399	397ACSR	37.0	24.9	0.0	A N	96	15	6	1	96	15	6	99	0.0	0.5	125.5	0.0	-0.3	A N	7399
76	4ACSR	37.4	24.9	0.0	A N	84	13	6	31	645	97	43	99	0.9	1.4	124.6	4.3	1.3	A N	76
7699	4ACSR	43.4	24.9	0.0	A N	84	13	6	27	557	82	38	99	1.0	2.4	123.6	3.9	0.9	A N	7699
101	4ACSR	46.8	24.9	0.0	A N	0	0	0	1	19	2	1	100	0.0	2.4	123.6	0.0	-0.7	A N	101
78	4ACSR	50.0	24.9	0.0	A N	19	3	1	1	19	2	1	99	0.0	2.4	123.6	0.0	-0.6	A N	78
104	4ACSR	48.5	24.9	0.0	A N	72	11	5	22	450	66	31	99	0.7	3.0	123.0	2.2	0.1	A N	104
10498	4ACSR	52.1	24.9	0.0	A N	34	5	2	18	375	55	26	99	0.4	3.5	122.5	1.2	-0.1	A N	10498
10499	4ACSR	53.2	24.9	0.0	A N	138	22	10	17	340	49	23	99	0.1	3.6	122.4	0.2	-0.1	A N	10499
105	6ACWC	55.2	24.9	0.0	A N	22	4	2	10	201	29	14	99	0.1	3.7	122.3	0.2	-0.3	A N	105
10589	6ACWC	59.4	24.9	0.0	A N	19	3	1	9	179	25	12	99	0.2	3.9	122.1	0.3	-0.6	A N	10589
10587	6ACWC	68.2	24.9	0.0	A N	137	22	10	7	138	20	10	99	0.2	4.1	121.9	0.2	-1.6	A N	10587
10588	6ACWC	62.7	24.9	0.0	A N	22	3	2	1	22	3	2	99	0.0	3.9	122.1	0.0	-0.6	A N	10588
11318	4ACSR	57.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-72	0.0	3.6	122.4	0.0	-0.8	A N	11318
107	6ACWC	22.1	24.9	0.0	A N	54	9	4	18	371	52	25	99	0.3	2.1	123.9	0.7	-0.1	A N	107
1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	15	316	44	22	99	0.2	2.4	123.6	0.6	-0.2	A N	1079
10791	6ACWC	30.8	24.9	0.0	A N	102	16	7	15	316	44	22	99	0.5	2.9	123.1	1.0	-0.6	A N	10791
10792	6ACWC	34.7	24.9	0.0	A N	8	1	1	10	213	29	15	99	0.2	3.1	122.9	0.4	-0.5	A N	10792
112	4ACSR	40.5	24.9	0.0	A N	58	9	4	3	58	8	4	99	0.1	3.2	122.8	0.0	-1.1	A N	112
11322	6ACWC	37.9	24.9	0.0	A N	33	5	2	7	146	20	10	99	0.1	3.2	122.8	0.1	-0.5	A N	11322
113	6ACWC	45.8	24.9	0.0	A N	21	3	1	6	113	15	8	99	0.2	3.5	122.5	0.2	-1.4	A N	113
11319	6ACWC	50.8	24.9	0.0	A N	92	15	6	5	92	14	6	99	0.1	3.5	122.5	0.0	-0.9	A N	11319
11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.5	122.5	0.0	-0.4	A N	11320
128	4ACSR	19.0	24.9	0.0	A N	182	29	12	9	183	28	12	99	0.2	1.5	124.5	0.3	-1.1	A N	128

********** Load-Flow Results For Three Forks Ckt 2 **********

Three Forks Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3560	511	79	99			126.0			ABCN	Feeder
10994	1/0ACSR	0.2	24.9	0.0	ABCN	0	0	0	35	3560	511	79	99	0.0	0.0	126.0	0.9	0.5	ABCN	10994
11612	4ACSR	4.7	24.9	0.0	A N	194	28	13	28	591	83	40	99	0.7	0.7	125.3	2.7	0.5	A N	11612
91161	4ACSR	5.6	24.9	0.0	A N	23	3	2	19	395	55	27	99	0.1	0.8	125.2	0.4	-0.0	A N	91161
91162	6ACWC	7.1	24.9	0.0	A N	61	9	4	3	61	8	4	99	0.0	0.9	125.1	0.0	-0.3	A N	91162
71161	4ACSR	7.4	24.9	0.0	A N	76	11	5	7	145	20	10	99	0.1	0.9	125.1	0.1	-0.3	A N	71161
7116	6ACWC	13.4	24.9	0.0	A N	69	10	5	3	69	9	5	99	0.1	1.0	125.0	0.0	-1.2	A N	7116
9116	4ACSR	7.6	24.9	0.0	A N	100	14	7	8	166	23	11	99	0.1	0.9	125.1	0.1	-0.3	A N	9116
91163	4ACSR	9.5	24.9	0.0	A N	66	10	4	3	66	9	4	99	0.0	0.9	125.1	0.0	-0.4	A N	91163
119	1/0ACSR	1.5	24.9	0.0	ABCN	57	8	1	29	2967	427	66	99	0.2	0.2	125.8	3.6	1.7	ABCN	119
109	1/0ACSR	3.6	24.9	0.0	ABCN	0	0	0	27	2789	401	62	99	0.3	0.5	125.5	5.1	2.3	ABCN	109
1099	1/0ACSR	5.3	24.9	0.0	ABCN	0	0	0	27	2755	395	62	99	0.2	0.7	125.3	4.2	1.8	ABCN	1099
10993	4ACSR	6.1	24.9	0.0	A CN	0	0	0	20	839	120	28	99	0.1	0.8	125.2	0.6	-0.1	A CN	10993
9109	4ACSR	7.5	24.9	0.0	A CN	132	19	4	18	746	107	25	99	0.1	0.9	125.1	0.7	-0.3	A CN	9109
81091	6ACWC	8.9	24.9	0.0	A N	188	27	13	9	188	27	13	99	0.0	0.9	125.1	0.1	-0.2	A N	81091
8109	6ACWC	9.3	24.9	0.0	A N	149	22	10	20	425	61	29	99	0.2	1.1	124.9	0.5	-0.1	A N	8109
81092	4ACSR	12.9	24.9	0.0	A N	275	40	19	13	276	39	19	99	0.2	1.2	124.8	0.3	-0.6	A N	81092
10991	2ACSR	9.5	24.9	0.0	A N	93	13	6	3	93	13	6	99	0.0	0.8	125.2	0.0	-0.7	A N	10991
61095	1/0ACSR	6.3	24.9	0.0	ABCN	13	2	0	19	1912	273	43	99	0.1	0.7	125.3	1.1	0.1	ABCN	61095
61092	1/0ACSR	7.1	24.9	0.0	ABCN	184	25	4	16	1602	229	36	99	0.1	0.8	125.2	0.6	-0.2	ABCN	61092
61093	1/0ACSR	8.0	24.9	0.0	ABCN	340	49	8	11	1130	162	25	99	0.0	0.8	125.2	0.3	-0.4	ABCN	61093
61094	1/0ACSR	11.0	24.9	0.0	ABCN	788	114	18	8	789	113	18	99	0.1	0.9	125.1	1.1	-1.2	ABCN	61094
61091	6ACWC	9.8	24.9	0.0	A N	287	42	19	14	287	41	19	99	0.1	0.9	125.1	0.2	-0.4	A N	61091
6109	6ACWC	9.5	24.9	0.0	A N	296	43	20	14	296	42	20	99	0.1	0.9	125.1	0.3	-0.5	A N	6109
10992	2ACSR	5.2	24.9	0.0	A N	28	4	2	1	28	4	2	99	0.0	0.5	125.5	0.0	-0.3	A N	10992
116	4ACSR	5.0	24.9	0.0	A N	118	17	8	6	118	16	8	99	0.1	0.3	125.7	0.1	-0.7	A N	116

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********** Load-Flow Results For Three Forks Ckt 3 **********

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Three Forks Ckt 3

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				24.9	0.0	ABCN					5612	794	125	99			126.0			ABCN	Feeder
118	336ACSR	1.6	24.9	0.0	ABCN	31	4	1	24	5612	794	125	99	0.1	0.1	125.9	4.4	7.9	ABCN	118
1181	336ACSR	6.9	24.9	0.0	ABCN	7	1	0	23	5576	782	124	99	0.4	0.5	125.5	14.1	25.1	ABCN	1181
901	336ACSR	12.4	24.9	0.0	ABCN	85	12	2	22	5198	709	116	99	0.4	0.9	125.1	12.9	22.2	ABCN	901
9011	336ACSR	19.9	24.9	0.0	ABCN	9	1	0	22	5100	675	114	99	0.5	1.4	124.6	17.0	29.3	ABCN	9011
9012	336ACSR	20.5	24.9	0.0	ABCN	-0	0	0	22	5074	644	114	99	0.0	1.5	124.5	1.3	2.2	ABCN	9012
125	1/0ACSR	22.2	24.9	0.0	ABCN	171	23	4	7	729	91	16	99	0.0	1.5	124.5	0.3	-1.1	ABCN	125
1251	1/0ACSR	24.3	24.9	0.0	ABCN	44	6	1	5	558	69	13	99	0.0	1.6	124.4	0.2	-1.4	ABCN	1251
1252	4ACSR	28.1	24.9	0.0	A N	94	13	6	5	94	12	6	99	0.1	1.7	124.3	0.0	-0.7	A N	1252
1253	1/0ACSR	25.2	24.9	0.0	ABCN	24	3	1	4	420	52	9	99	0.0	1.6	124.4	0.0	-0.7	ABCN	1253
117	4ACSR	29.1	24.9	0.0	A N	128	17	9	10	197	25	13	99	0.2	1.8	124.2	0.2	-0.7	A N	117
11177	4ACSR	34.2	24.9	0.0	A N	68	9	5	3	68	8	5	99	0.1	1.9	124.1	0.0	-1.0	A N	11177
120	4ACSR	29.8	24.9	0.0	A N	33	4	2	10	199	25	13	99	0.3	1.9	124.1	0.4	-0.7	A N	120
12099	4ACSR	32.7	24.9	0.0	A N	107	15	7	5	107	14	7	99	0.0	2.0	124.0	0.0	-0.6	A N	12099
121	4ACSR	36.3	24.9	0.0	A N	59	8	4	3	60	7	4	99	0.1	2.0	124.0	0.0	-1.3	A N	121
9013	1/0ACSR	21.1	24.9	0.0	ABCN	6	1	0	43	4344	551	98	99	0.1	1.6	124.4	3.6	2.3	ABCN	9013
11252	1/0ACSR	22.3	24.9	0.0	ABCN	8	1	0	42	4334	548	98	99	0.2	1.8	124.2	7.7	4.8	ABCN	11252
11253	1/0ACSR	24.6	24.9	0.0	ABCN	5	1	0	40	4066	508	92	99	0.4	2.2	123.8	12.2	7.5	ABCN	11253
11392	1/0ACSR	27.2	24.9	0.0	ABCN	106	14	2	36	3668	451	83	99	0.4	2.6	123.4	10.9	6.3	ABCN	11392
13211	4ACSR	30.7	24.9	0.0	A N	76	10	5	4	76	10	5	99	0.0	2.7	123.3	0.0	-0.7	A N	13211
13221	1/0ACSR	31.2	24.9	0.0	ABCN	54	7	1	34	3475	421	79	99	0.6	3.2	122.8	15.9	9.0	ABCN	13221
134	1/0ACSR	36.6	24.9	0.0	ABCN	90	12	2	27	2757	342	63	99	0.6	3.9	122.1	13.2	6.1	ABCN	134
13411	1/0ACSR	39.0	24.9	0.0	ABCN	21	3	0	25	2522	306	58	99	0.3	4.1	121.9	5.0	2.1	ABCN	13411
13078	1/0ACSR	39.7	24.9	0.0	ABCN	10	1	0	17	1719	197	40	99	0.1	4.2	121.8	0.7	0.0	ABCN	13078
126	4ACSR	46.2	24.9	0.0	A N	150	20	10	7	150	19	10	99	0.2	4.4	121.6	0.2	-1.2	A N	126
13079	1/0ACSR	39.9	24.9	0.0	ABCN	10	1	0	16	1558	176	36	99	0.0	4.2	121.8	0.2	-0.0	ABCN	13079
130	1/0ACSR	43.0	24.9	0.0	ABCN	98	13	2	10	1033	110	24	99	0.1	4.3	121.7	1.0	-1.4	ABCN	130
124	1/0ACSR	44.4	24.9	0.0	ABCN	156	21	4	9	918	96	21	99	0.1	4.4	121.6	0.4	-0.7	ABCN	124
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 124																					
ABCN : Tap = 5 RAISE																					
Regulator			44.4	24.9	0.0	ABCN				18	762	76	18	100	-3.8	0.6	125.2	0.0	0.0	ABCN	Regulator
12411	1/0ACSR	50.4	24.9	0.0	ABCN	161	22	4	7	762	76	17	100	0.2	0.8	125.2	0.9	-3.8	ABCN	12411
12412	1/0ACSR	54.6	24.9	0.0	ABCN	71	10	2	6	600	57	13	100	0.1	0.9	125.1	0.4	-2.9	ABCN	12412
372	1/0ACSR	61.5	24.9	0.0	ABCN	80	11	2	5	488	48	11	100	0.1	1.0	125.0	0.5	-4.9	ABCN	372
360	1/0ACSR	65.3	24.9	0.0	ABCN	77	11	2	4	408	42	9	99	0.1	1.1	124.9	0.2	-2.8	ABCN	360
36011	1/0ACSR	66.0	24.9	0.0	ABCN	11	2	0	0	11	1	0	100	0.0	1.1	124.9	0.0	-0.5	ABCN	36011
115	4ACSR	70.2	24.9	0.0	A CN	8	1	0	8	319	33	11	99	0.2	1.4	124.6	0.6	-1.8	A CN	115
11511	2ACSR	75.5	24.9	0.0	A CN	25	3	1	6	311	34	10	99	0.2	1.6	124.4	0.4	-2.1	A CN	11511
11513	4ACSR	75.8	24.9	0.0	A N	4	1	0	3	57	5	4	100	0.0	1.6	124.4	0.0	-0.1	A N	11513
114	4ACSR	82.9	24.9	0.0	A N	18	2	1	1	18	1	1	100	0.0	1.7	124.3	0.0	-1.4	A N	114
129	4ACSR	84.5	24.9	0.0	A N	35	5	2	2	35	3	2	100	0.0	1.7	124.3	0.0	-1.7	A N	129
11512	6ACWC	82.7	24.9	0.0	A N	75	10	5	11	229	28	16	99	0.4	2.0	124.0	0.6	-1.1	A N	11512
122	4ACSR	88.5	24.9	0.0	A N	49	7	3	7	154	18	10	99	0.2	2.3	123.7	0.2	-1.0	A N	122
12097	4ACSR	94.0	24.9	0.0	A N	84	11	6	4	84	10	6	99	0.1	2.3	123.7	0.0	-1.1	A N	12097
12098	4ACSR	90.6	24.9	0.0	A N	20	3	1	1	20	2	1	99	0.0	2.3	123.7	0.0	-0.4	A N	12098
373	4ACSR	63.0	24.9	0.0	A N	39	5	3	2	40	2	3	100	0.1	1.1	124.9	0.0	-1.7	A N	373
375	4ACSR	70.3	24.9	0.0	A N	1	0	0	0	1	-1	0	-45	-0.0	1.1	124.9	0.0	-1.5	A N	375
127	4ACSR	47.3	24.9	0.0	A N	15	2	1	1	15	1	1	100	0.0	4.5	121.5	0.0	-0.8	A N	127
136	6ACWC	44.7	24.9	0.0	A N	234	29	16	25	514	65	36	99	0.6	4.9	121.1	1.9	0.2	A N	136
13611	6ACWC	50.6	24.9	0.0	A N	191	26	13	14	279	35	19	99	0.3	5.2	120.8	0.6	-0.7	A N	13611
3751	6ACWC	53.1	24.9	0.0	A N	64	9	4	3	64	8	4	99	0.0	5.2	120.8	0.0	-0.5	A N	3751
378	6ACWC	57.5	24.9	0.0	A N	22	3	2	1	22	2	2	100	0.0	5.2	120.8	0.0	-1.3	A N	378
135	6ACWC	43.6	24.9	0.0	A N	93	13	6	38	776	103	54	99	1.0	5.2	120.8	5.8	2.6	A N	135
13511	6ACWC	48.0	24.9	0.0	A N	232	32	16	12	233	31	16	99	0.2	5.4	120.6	0.3	-0.6	A N	13511
13514	6ACWC	46.6	24.9	0.0	A N	32	4	2	22	445	57	31	99	0.4	5.6	120.4	1.3	0.2	A N	13514
13512	6ACWC	52.3	24.9	0.0	A N	52	7	4	3	52	6	4	99	0.0	5.7	120.3	0.0	-1.0	A N	13512
13513	6ACWC	52.0	24.9	0.0	A N	203	28	14	18	360	46	25	99	0.4	6.1	119.9	1.0	-0.4	A N	13513
13515	6ACWC	55.1	24.9	0.0	A N	100	14	7	5	100	13	7	99	0.0	6.1	119.9	0.0	-0.6	A N	13515
13516	6ACWC	54.9	24.9	0.0	A N	16	2	1	3	57	6	4	99	0.0	6.1	119.9	0.0	-0.5	A N	13516
518	2ACSR	56.6	24.9	0.0	A N	29	4	2	2	40	4	3	99	0.0	6.1	119.9	0.0	-0.3	A N	518
13517	2ACSR	61.0	24.9	0.0	A N	11	2	1	0	11	1	1	100	0.0	6.1	119.9	0.0	-0.9	A N	13517

Three Forks Ckt 3 [redacted]tion Load Load Into Section -- 120V Bas[redacted] Losses

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
13412	2ACSR	37.7	24.9	0.0	ABCN	132	18	3	2	132	17	3	99	0.0	3.9	122.1	0.0	-0.7	ABCN	13412
138	1/0ACSR	32.0	24.9	0.0	ABCN	0	0	0	6	648	63	15	100	0.0	3.3	122.7	0.1	-0.5	ABCN	138
11312	336ACSR	37.7	24.9	0.0	ABCN	55	7	1	1	233	8	5	100	0.0	3.3	122.7	0.0	-4.6	ABCN	11312
13311	336ACSR	40.9	24.9	0.0	ABCN	25	3	1	1	178	5	4	100	0.0	3.3	122.7	0.0	-2.6	ABCN	13311
13315	336ACSR	45.3	24.9	0.0	ABCN	14	2	0	0	97	-2	2	-100	0.0	3.3	122.7	0.0	-3.6	ABCN	13315
13314	336ACSR	46.0	24.9	0.0	ABCN	83	0	2	0	83	-1	2	-100	0.0	3.3	122.7	0.0	-0.5	ABCN	13314
13312	4ACSR	45.7	24.9	0.0	A N	56	8	4	3	56	7	4	99	0.0	3.4	122.6	0.0	-0.9	A N	13312
13313	1/0ACSR	34.9	24.9	0.0	ABCN	415	56	9	4	415	55	9	99	0.0	3.3	122.7	0.3	-1.8	ABCN	13313
132	1/0ACSR	26.4	24.9	0.0	ABCN	263	36	6	4	382	49	9	99	0.0	2.3	123.7	0.1	-1.2	ABCN	132
131	4ACSR	32.0	24.9	0.0	A N	49	7	3	6	118	14	8	99	0.2	2.5	123.5	0.1	-1.0	A N	131
11399	4ACSR	37.8	24.9	0.0	A N	69	9	5	3	69	8	5	99	0.1	2.5	123.5	0.0	-1.1	A N	11399
11251	4ACSR	26.0	24.9	0.0	A N	253	34	17	12	253	34	17	99	0.1	2.0	124.0	0.3	-0.6	A N	11251
9118	4ACSR	10.4	24.9	0.0	A N	82	11	6	17	357	47	24	99	0.4	0.9	125.1	0.9	-0.3	A N	9118
8116	4ACSR	15.0	24.9	0.0	A N	228	31	15	11	228	30	15	99	0.2	1.0	125.0	0.3	-0.8	A N	8116
91181	4ACSR	11.7	24.9	0.0	A N	46	6	3	2	46	6	3	99	0.0	0.9	125.1	0.0	-0.3	A N	91181

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********** Load-Flow Results For Trapp Ckt 1 **********
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Trapp Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					668	134	30	98			126.0			ABCN	Feeder
325	1/0ACSR	5.7	12.5	0.0	ABCN	46	10	2	13	668	134	30	98	0.7	0.7	125.3	3.1	1.2	ABCN	325
3250	1/0ACSR	5.9	12.5	0.0	ABCN	52	3	2	3	164	27	7	99	0.0	0.7	125.3	0.0	-0.0	ABCN	3250
3251	4ACSR	11.6	12.5	0.0	A N	111	24	15	11	112	24	15	98	0.4	1.1	124.9	0.3	-0.1	A N	3251
3252	1/0ACSR	9.1	12.5	0.0	ABCN	44	9	2	9	455	96	21	98	0.3	0.9	125.1	0.9	-0.0	ABCN	3252
324	4ACSR	13.1	12.5	0.0	A N	0	0	0	20	204	43	28	98	1.1	2.1	123.9	1.6	0.7	A N	324
312	4ACSR	20.6	12.5	0.0	A N	22	5	3	2	22	4	3	98	0.1	2.2	123.8	0.0	-0.4	A N	312
3241	4ACSR	15.3	12.5	0.0	A N	0	0	0	18	180	38	25	98	0.5	2.6	123.4	0.7	0.3	A N	3241
3061	4ACSR	21.7	12.5	0.0	A N	64	14	9	15	157	33	22	98	1.1	3.7	122.3	1.1	0.3	A N	3061
306	4ACSR	26.0	12.5	0.0	A N	91	19	13	9	91	19	13	98	0.3	3.9	122.1	0.2	-0.1	A N	306
3062	4ACSR	29.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.9	122.1	0.0	-0.2	A N	3062
313	4ACSR	19.1	12.5	0.0	A N	23	5	3	2	23	5	3	98	0.1	2.7	123.3	0.0	-0.2	A N	313
326	4ACSR	12.5	12.5	0.0	A N	2	1	0	20	205	44	28	98	0.9	1.9	124.1	1.4	0.6	A N	326
3261	4ACSR	15.0	12.5	0.0	A N	63	13	9	6	63	13	9	98	0.1	2.0	124.0	0.0	-0.1	A N	3261
3262	4ACSR	15.8	12.5	0.0	A N	26	6	4	14	139	29	19	98	0.6	2.5	123.5	0.5	0.1	A N	3262
3263	4ACSR	17.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-98	0.0	2.5	123.5	0.0	-0.1	A N	3263
327	4ACSR	21.8	12.5	0.0	A N	66	14	9	11	112	23	15	98	0.6	3.1	122.9	0.4	-0.1	A N	327
3271	4ACSR	28.6	12.5	0.0	A N	46	10	6	5	46	9	6	98	0.2	3.3	122.7	0.1	-0.3	A N	3271

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********** Load-Flow Results For Trapp Ckt 2 **********
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Trapp Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1382	291	62	98			126.0			ABCN	Feeder
339	336ACSR	0.9	12.5	0.0	ABCN	42	9	2	12	1382	291	62	98	0.1	0.1	125.9	0.6	1.0	ABCN	339
3391	336ACSR	2.4	12.5	0.0	ABCN	50	7	2	10	1143	240	52	98	0.1	0.2	125.8	0.7	1.1	ABCN	3391
3392	1/0ACSR	5.9	12.5	0.0	ABCN	102	22	5	21	1091	232	49	98	0.7	0.8	125.2	5.1	3.2	ABCN	3392
3393	1/0ACSR	8.8	12.5	0.0	ABCN	73	15	3	17	872	184	40	98	0.4	1.3	124.7	2.7	1.5	ABCN	3393
353	1/0ACSR	12.4	12.5	0.0	ABCN	106	23	5	12	585	122	27	98	0.3	1.6	124.4	1.4	0.4	ABCN	353
3531	1/0ACSR	16.3	12.5	0.0	ABCN	66	14	3	9	477	99	22	98	0.3	1.9	124.1	1.0	0.1	ABCN	3531
366	4ACSR	16.9	12.5	0.0	ABCN	0	0	0	7	213	44	10	98	0.0	2.0	124.0	0.1	-0.1	ABCN	366
3661	4ACSR	19.6	12.5	0.0	A N	23	5	3	2	23	5	3	98	0.0	2.4	123.6	0.0	-0.1	A N	3661
3662	4ACSR	20.2	12.5	0.0	A N	33	7	5	19	189	39	26	98	0.8	3.1	122.9	1.0	0.4	A N	3662
3663	4ACSR	26.4	12.5	0.0	A N	67	14	9	15	155	31	21	98	1.0	4.1	121.9	1.0	0.2	A N	3663
3711	4ACSR	30.1	12.5	0.0	A N	1	0	0	5	53	10	7	98	0.3	4.3	121.7	0.1	-0.1	A N	3711
371	4ACSR	35.1	12.5	0.0	A N	16	3	2	5	47	9	7	98	0.3	4.6	121.4	0.1	-0.2	A N	371
3710	4ACSR	40.2	12.5	0.0	A N	31	7	4	3	31	6	4	98	0.1	4.7	121.3	0.0	-0.2	A N	3710
370	6ACWC	40.7	12.5	0.0	A N	5	1	1	1	5	1	1	99	0.0	4.4	121.6	0.0	-0.5	A N	370
603	4ACSR	33.9	12.5	0.0	A N	33	7	5	3	34	7	5	98	0.2	4.2	121.8	0.0	-0.3	A N	603
365	6ACWC	19.2	12.5	0.0	A N	35	7	5	19	196	41	27	98	0.6	2.9	123.1	0.9	0.4	A N	365
3651	6ACWC	27.0	12.5	0.0	A N	54	11	7	5	54	11	7	98	0.3	3.2	122.8	0.1	-0.3	A N	3651
3652	6ACWC	26.3	12.5	0.0	A N	49	10	7	10	106	22	15	98	0.7	3.6	122.4	0.5	-0.1	A N	3652
3653	6ACWC	30.7	12.5	0.0	A N	50	11	7	5	50	10	7	98	0.1	3.8	122.2	0.1	-0.2	A N	3653
3654	6ACWC	29.5	12.5	0.0	A N	6	1	1	1	6	1	1	98	0.0	3.6	122.4	0.0	-0.2	A N	3654
342	4ACSR	10.5	12.5	0.0	A N	31	7	4	21	212	44	29	98	0.4	1.9	124.1	0.6	0.3	A N	342
3422	4ACSR	12.3	12.5	0.0	A N	45	9	6	11	115	24	16	98	0.2	2.1	123.9	0.2	-0.0	A N	3422
34221	4ACSR	15.2	12.5	0.0	A N	0	0	0	7	70	14	10	98	0.3	2.4	123.6	0.1	-0.1	A N	34221
3423	4ACSR	19.4	12.5	0.0	A N	49	10	7	5	49	10	7	98	0.1	2.5	123.5	0.1	-0.2	A N	3423
3424	4ACSR	19.3	12.5	0.0	A N	21	4	3	2	21	4	3	98	0.1	2.4	123.6	0.0	-0.2	A N	3424
3421	4ACSR	16.2	12.5	0.0	A N	65	14	9	6	65	14	9	98	0.2	2.1	123.9	0.1	-0.2	A N	3421
349	4ACSR	9.3	12.5	0.0	A N	21	4	3	11	112	23	15	98	0.5	1.4	124.6	0.3	0.0	A N	349
3491	4ACSR	10.9	12.5	0.0	A N	57	12	8	6	57	12	8	98	0.1	1.5	124.5	0.0	-0.1	A N	3491
352	4ACSR	15.7	12.5	0.0	A N	34	7	5	3	34	7	5	98	0.1	1.5	124.5	0.0	-0.3	A N	352
323	4ACSR	5.2	12.5	0.0	A N	23	5	3	19	197	41	27	98	1.0	1.1	124.9	1.4	0.5	A N	323
3231	4ACSR	10.4	12.5	0.0	A N	44	9	6	17	172	35	23	98	1.0	2.1	123.9	1.2	0.4	A N	3231
311	4ACSR	15.9	12.5	0.0	A N	30	6	4	10	101	21	14	98	0.6	2.8	123.2	0.4	-0.0	A N	311
31121	4ACSR	17.5	12.5	0.0	A N	0	0	0	7	71	14	10	98	0.2	2.9	123.1	0.1	-0.0	A N	31121
305	4ACSR	26.0	12.5	0.0	A N	70	15	10	7	71	15	10	98	0.4	3.3	122.7	0.2	-0.3	A N	305
33111	4ACSR	18.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.9	123.1	0.0	-0.0	A N	33111
322	4ACSR	17.5	12.5	0.0	A N	25	5	3	2	25	5	3	98	0.1	2.3	123.7	0.0	-0.3	A N	322

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********** Load-Flow Results For Trapp Ckt 3 **********
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Trapp Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					480	-65	21	-99			126.0			ABCN	Feeder
3380	336ACSR	0.9	12.5	0.0	ABCN	0	0	0	4	480	-65	21	-99	0.0	0.0	126.0	0.1	-0.0	ABCN	3380
338	336ACSR	2.5	12.5	0.0	ABCN	-0	0	0	4	480	-65	21	-99	0.0	0.0	126.0	0.1	-0.1	ABCN	338
340	1/0ACSR	6.2	12.5	0.0	ABCN	156	-142	9	9	480	-65	21	-99	0.2	0.3	125.7	0.9	0.1	ABCN	340
Capacitor (Wye-Gnd Connected) at Center of Section 340																				
ABCN : Nominal = 150 kvar Actual = 165 kvar																				
351	1/0ACSR	8.4	12.5	0.0	ABCN	8	2	0	5	275	65	12	97	0.1	0.4	125.6	0.2	-0.3	ABCN	351
350	1/0ACSR	13.8	12.5	0.0	ABCN	64	17	3	2	106	24	5	98	0.1	0.5	125.5	0.1	-1.0	ABCN	350
3501	1/0ACSR	18.3	12.5	0.0	ABCN	0	-0	0	0	16	1	1	100	0.0	0.5	125.5	0.0	-0.9	ABCN	3501
335	1/0ACSR	25.0	12.5	0.0	ABCN	16	4	1	0	16	3	1	98	0.0	0.5	125.5	0.0	-1.3	ABCN	335
359	1/0ACSR	21.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.5	125.5	0.0	-0.6	ABCN	359
336	4ACSR	29.8	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.7	125.3	0.0	-0.4	A N	336
3502	4ACSR	20.9	12.5	0.0	A N	27	7	4	3	27	7	4	97	0.1	0.8	125.2	0.0	-0.3	A N	3502
357	4ACSR	13.7	12.5	0.0	A N	50	13	7	16	160	39	22	97	1.0	1.5	124.5	1.0	0.3	A N	357
3570	4ACSR	19.2	12.5	0.0	A N	46	12	6	11	109	25	15	97	0.6	2.1	123.9	0.4	-0.0	A N	3570
364	4ACSR	28.0	12.5	0.0	A N	62	14	9	6	62	13	9	98	0.4	2.5	123.5	0.2	-0.3	A N	364
337	4ACSR	12.4	12.5	0.0	A N	48	13	7	5	48	12	7	97	0.2	0.6	125.4	0.1	-0.3	A N	337

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********** Load-Flow Results For Van Meter Ckt 1 **********
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Van Meter Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					310	84	14	97			126.0			ABCN	Feeder
27	4ACSR	1.1	12.5	0.0	ABCN	0	0	0	10	310	84	14	97	0.1	0.1	125.9	0.3	-0.1	ABCN	27
27000	4ACSR	7.4	12.5	0.0	A N	288	79	40	30	310	84	43	97	1.4	1.5	124.5	3.0	1.3	A N	27000
28	4ACSR	12.7	12.5	0.0	A N	16	4	2	2	19	4	3	98	0.1	1.6	124.4	0.0	-0.3	A N	28
30	4ACSR	19.5	12.5	0.0	A N	2	0	0	0	2	0	0	100	0.0	1.6	124.4	0.0	-0.3	A N	30
31	4ACSR	19.1	12.5	0.0	A N	0	0	0	0	1	-0	0	-98	0.0	1.6	124.4	0.0	-0.3	A N	31
29	4ACSR	24.4	12.5	0.0	A N	1	0	0	0	1	0	0	100	0.0	1.6	124.4	0.0	-0.3	A N	29

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********** Load-Flow Results For Van Meter Ckt 2 **********
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Van Meter Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					363	98	17	97			126.0			ABCN	Feeder
26	1/0ACSR	5.4	12.5	0.0	ABCN	98	27	4	7	363	98	17	97	0.3	0.3	125.7	0.8	-0.4	ABCN	26
1300	1/0ACSR	10.7	12.5	0.0	ABCN	262	72	12	5	264	72	12	97	0.1	0.4	125.6	0.9	-0.1	ABCN	1300
1301	1/0ACSR	14.3	12.5	0.0	ABCN	1	0	0	0	1	-0	0	-95	0.0	0.4	125.6	0.0	-0.7	ABCN	1301
Regulator	REG-219A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1301																			
	ABCN : Tap = 0 NEUTRAL																			
Regulator		14.3	12.5	0.0	ABCN				0	0	0	0	0	0.0	0.4	125.5	0.0	0.0	ABCN	Regulator

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********** Load-Flow Results For Van Meter Ckt 3 **********
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Van Meter Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg Section
	Feeder			12.5	0.0	ABCN					2376	437	107	98			126.0			ABCN Feeder
	25	1/0ACSR	6.4	12.5	0.0	ABCN	61	15	3	46	2376	437	107	98	2.7	2.7	123.3	45.0	32.8	ABCN 25
	1325	1/0ACSR	11.2	12.5	0.0	ABCN	100	25	5	45	2269	389	104	99	1.9	4.6	121.4	31.3	22.8	ABCN 1325
	17	1/0ACSR	13.7	12.5	0.0	ABCN	124	26	6	43	2138	341	99	99	1.0	5.5	120.5	15.1	11.0	ABCN 17
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 17																			
	ABCN : Tap = 7 RAISE																			
C	Regulator			13.7	12.5	0.0	ABCN				93	1999	304	93	99	-5.3	0.2	125.8	-0.0	-0.0	ABCN Regulator
	15	1/0ACSR	14.9	12.5	0.0	ABCN	126	31	6	38	1954	293	87	99	0.4	0.6	125.4	5.3	3.8	ABCN 15
	13	1/0ACSR	19.7	12.5	0.0	ABCN	61	15	3	26	1330	140	59	99	1.0	1.7	124.3	10.2	6.8	ABCN 13
	1319	1/0ACSR	24.3	12.5	0.0	ABCN	84	21	4	25	1259	118	57	100	1.0	2.6	123.4	8.9	5.9	ABCN 1319
	1328	1/0ACSR	25.5	12.5	0.0	ABCN	21	5	1	22	1116	80	50	100	0.2	2.8	123.2	1.9	1.2	ABCN 1328
	9001	1/0ACSR	31.6	12.5	0.0	ABCN	219	-123	11	15	767	16	35	100	0.7	3.5	122.5	4.1	2.2	ABCN 9001
	Capacitor (Wye-Gnd Connected) at Center of Section 9001																			
	ABCN : Nominal = 150 kvar Actual = 157 kvar																			
	90011	1/0ACSR	35.7	12.5	0.0	ABCN	38	9	2	11	544	136	25	97	0.4	3.9	122.1	1.6	0.5	ABCN 90011
	1	1/0ACSR	43.1	12.5	0.0	ABCN	70	17	3	9	426	106	20	97	0.6	4.5	121.5	1.7	-0.0	ABCN 1
	1326	4ACSR	51.7	12.5	0.0	A N	133	33	19	14	134	33	19	97	0.8	6.4	119.6	0.8	0.0	A N 1326
	1327	1/0ACSR	48.3	12.5	0.0	ABCN	39	10	2	4	219	55	10	97	0.2	4.7	121.3	0.3	-0.7	ABCN 1327
	1324	4ACSR	50.1	12.5	0.0	A N	71	18	10	7	71	18	10	97	0.1	5.9	120.1	0.1	-0.1	A N 1324
	13271	4ACSR	50.1	12.5	0.0	A N	106	26	15	11	106	26	15	97	0.1	6.0	120.0	0.1	-0.0	A N 13271
	90012	4ACSR	41.9	12.5	0.0	A N	76	19	11	8	77	19	11	97	0.3	5.2	120.8	0.2	-0.2	A N 90012
	11	4ACSR	28.9	12.5	0.0	A N	6	1	1	32	324	55	45	99	1.5	4.8	121.2	3.6	1.7	A N 11
	1320	4ACSR	33.5	12.5	0.0	A N	26	6	4	3	26	6	4	97	0.1	4.9	121.1	0.0	-0.2	A N 1320
	7	4ACSR	36.6	12.5	0.0	A N	127	5	18	29	289	46	40	99	2.3	7.2	118.8	4.4	1.9	A N 7
	1322	4ACSR	40.9	12.5	0.0	A N	69	17	10	16	157	38	23	97	0.7	7.9	118.1	0.8	0.2	A N 1322
L	1323	4ACSR	48.7	12.5	0.0	A N	73	18	11	9	88	21	13	97	0.6	8.5	117.5	0.3	-0.2	A N 1323
	10	4ACSR	54.6	12.5	0.0	A N	15	4	2	2	15	3	2	97	0.1	8.5	117.5	0.0	-0.3	A N 10
	12	4ACSR	34.5	12.5	0.0	A N	49	12	7	5	49	12	7	97	0.3	3.5	122.5	0.1	-0.4	A N 12
	20	4ACSR	18.5	12.5	0.0	ABCN	186	46	9	16	492	117	22	97	0.6	1.2	124.8	2.3	0.2	ABCN 20
	1313	4ACSR	24.8	12.5	0.0	ABCN	64	16	3	10	303	70	14	97	0.7	1.8	124.2	1.5	-0.6	ABCN 1313
	1314	1/0ACSR	26.4	12.5	0.0	ABCN	7	2	0	5	237	55	11	97	0.1	1.9	124.1	0.1	-0.2	ABCN 1314
	1315	4ACSR	33.3	12.5	0.0	A N	47	12	7	5	47	11	7	97	0.2	3.0	123.0	0.1	-0.3	A N 1315
	1316	1/0ACSR	29.2	12.5	0.0	ABCN	0	-0	0	4	183	42	8	97	0.1	2.0	124.0	0.1	-0.4	ABCN 1316
	21	4ACSR	35.8	12.5	0.0	A N	6	1	1	1	6	1	1	98	0.0	2.9	123.1	0.0	-0.3	A N 21
	22	4ACSR	38.1	12.5	0.0	ABCN	52	13	2	6	176	41	8	97	0.5	2.5	123.5	0.7	-1.3	ABCN 22
	1318	4ACSR	44.2	12.5	0.0	ABCN	49	12	2	4	123	29	6	97	0.2	2.8	123.2	0.3	-0.9	ABCN 1318
	23	4ACSR	51.9	12.5	0.0	A N	73	18	10	7	73	18	10	97	0.4	4.4	121.6	0.2	-0.3	A N 23
	1317	4ACSR	31.7	12.5	0.0	ABCN	0	0	0	0	0	-0	0	-15	-0.0	2.0	124.0	0.0	-0.4	ABCN 1317
	16	4ACSR	17.8	12.5	0.0	A N	45	11	6	4	45	11	6	97	0.1	0.7	125.3	0.0	-0.2	A N 16

Project : Initial Reg Summer CWP
Licensed To : Clark Rural Electric Cooperative Corporation
Run Time : 08/02/99 10:53:22
Application : Load-Flow

Analysis Options, Messages, Warnings, and Errors:

Fixes:
The load on section 780 had its phasing changed from A N to ABCN.

Analysis Options:
Using Balanced Model

Convergence took 6 iterations with a convergence factor of 0.5000
Exceptions : H = Voltage > 126.0 L = Voltage < 118.0 C = Cond. Loading > 75% T = Tran. Loading > 75%

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********** *Load-Flow Results For A.O. Smith Ckt 1* **********
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A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2190	865	52	93			126.0			ABCN	Feeder
4387	1/0ACSR	0.1	24.9	0.0	ABCN	0	0	0	23	2190	865	52	93	0.0	0.0	126.0	0.2	0.1	ABCN	4387
438	1/0ACSR	1.2	24.9	0.0	ABCN	326	-328	10	21	2009	862	48	92	0.1	0.1	125.9	1.5	0.4	ABCN	438
Capacitor (Wye-Gnd Connected) at Center of Section 438																				
ABCN : Nominal = 300 kvar Actual = 330 kvar																				
4381	1/0ACSR	1.9	24.9	0.0	ABCN	0	0	0	10	796	708	24	75	0.0	0.2	125.8	0.3	-0.4	ABCN	4381
452	1/0ACSR	7.5	24.9	0.0	ABCN	5	4	0	9	655	603	20	74	0.2	0.4	125.6	1.4	-3.2	ABCN	452
441	1/0ACSR	12.1	24.9	0.0	ABCN	58	57	2	7	556	522	17	73	0.2	0.6	125.4	0.8	-2.9	ABCN	441
433	4ACSR	18.9	24.9	0.0	A N	37	36	3	2	37	35	3	73	0.1	0.7	125.3	0.0	-1.4	A N	433
434	1/0ACSR	16.7	24.9	0.0	ABCN	50	49	2	6	460	433	14	73	0.1	0.7	125.3	0.5	-3.1	ABCN	434
4341	1/0ACSR	20.6	24.9	0.0	ABCN	55	54	2	5	410	387	13	73	0.1	0.8	125.2	0.4	-2.8	ABCN	4341
4342	1/0ACSR	21.2	24.9	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.8	125.2	0.0	-0.4	ABCN	4342
427	4ACSR	24.9	24.9	0.0	A N	82	80	8	23	354	336	33	73	0.6	1.5	124.5	1.9	0.2	A N	427
430	4ACSR	27.2	24.9	0.0	A N	42	41	4	3	42	41	4	72	0.0	1.5	124.5	0.0	-0.5	A N	430
435	4ACSR	28.4	24.9	0.0	A N	17	17	2	15	228	215	21	73	0.3	1.8	124.2	0.8	-0.3	A N	435
4351	4ACSR	31.7	24.9	0.0	A N	26	26	2	14	210	198	19	73	0.3	2.1	123.9	0.6	-0.3	A N	4351
436	4ACSR	36.9	24.9	0.0	A N	15	14	1	12	183	173	17	73	0.4	2.5	123.5	0.7	-0.6	A N	436
431	4ACSR	44.7	24.9	0.0	A N	32	32	3	2	32	30	3	73	0.1	2.6	123.4	0.0	-1.5	A N	431
437	4ACSR	42.9	24.9	0.0	A N	8	8	1	9	136	129	13	73	0.4	2.9	123.1	0.5	-0.9	A N	437
4371	4ACSR	48.6	24.9	0.0	A N	56	54	5	9	127	122	12	72	0.3	3.1	122.9	0.3	-1.0	A N	4371
4372	4ACSR	54.6	24.9	0.0	A N	55	54	5	4	55	53	5	72	0.1	3.2	122.8	0.0	-1.1	A N	4372
443	4ACSR	51.0	24.9	0.0	A N	17	16	2	1	17	16	2	72	0.0	3.2	122.8	0.0	-0.5	A N	443
440	4ACSR	17.0	24.9	0.0	A N	93	81	8	6	93	79	8	76	0.2	0.6	125.4	0.2	-1.8	A N	440
439	1/0ACSR	4.9	24.9	0.0	ABCN	141	108	4	2	141	106	4	80	0.0	0.2	125.8	0.1	-2.2	ABCN	439
4382	1/0ACSR	2.3	24.9	0.0	ABCN	44	44	1	10	885	481	22	88	0.1	0.2	125.8	0.3	-0.6	ABCN	4382
4383	1/0ACSR	2.7	24.9	0.0	ABCN	345	4	8	3	345	4	8	100	0.0	0.2	125.8	0.0	-0.3	ABCN	4383
4384	1/0ACSR	4.5	24.9	0.0	ABCN	-0	0	0	6	495	434	15	75	0.1	0.2	125.8	0.3	-1.5	ABCN	4384
43840	1/0ACSR	5.8	24.9	0.0	ABCN	0	-0	0	6	445	417	14	73	0.0	0.3	125.7	0.2	-0.9	ABCN	43840
43842	1/0ACSR	7.5	24.9	0.0	A N	6	0	0	18	445	418	41	73	0.2	0.5	125.5	0.7	0.4	A N	43842
43843	1/0EPR	10.9	24.9	0.0	A N	4	4	0	20	438	418	40	72	1.7	2.2	123.8	5.6	5.1	A N	43843
43844	1/0ACSR	14.7	24.9	0.0	A N	0	0	0	17	428	408	40	72	0.5	2.7	123.3	1.6	0.8	A N	43844
4512	4ACSR	17.4	24.9	0.0	A N	18	18	2	29	427	408	40	72	0.5	3.2	122.8	2.3	0.6	A N	4512
451	4ACSR	21.8	24.9	0.0	A N	27	26	3	17	251	244	24	72	0.5	3.7	122.3	1.2	-0.2	A N	451
4511	2ACSR	25.9	24.9	0.0	A N	222	218	21	12	223	217	21	72	0.2	3.8	122.2	0.3	-0.6	A N	4511
4513	4ACSR	19.3	24.9	0.0	A N	4	4	0	10	156	146	15	73	0.1	3.3	122.7	0.2	-0.3	A N	4513
450	4ACSR	26.2	24.9	0.0	A N	67	66	6	5	68	65	6	72	0.1	3.4	122.6	0.1	-1.3	A N	450
1201	4ACSR	21.7	24.9	0.0	A N	13	13	1	6	84	78	8	74	0.1	3.4	122.6	0.1	-0.4	A N	1201
446	4ACSR	27.6	24.9	0.0	A N	41	41	4	3	41	39	4	72	0.1	3.5	122.5	0.0	-1.1	A N	446
4461	4ACSR	22.2	24.9	0.0	A N	0	0	0	2	30	26	3	75	0.0	3.4	122.6	0.0	-0.1	A N	4461
445	4ACSR	28.8	24.9	0.0	A N	19	19	2	1	19	16	2	76	0.0	3.5	122.5	0.0	-1.3	A N	445
4431	4ACSR	29.3	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.5	122.5	0.0	-0.1	A N	4431
4432	4ACSR	30.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	3.5	122.5	0.0	-0.3	A N	4432

A.O. Smith Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	Losses KW	KVAR	Phs Cfg	Section
444	4ACSR	32.4	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	3.5	122.5	0.0	-0.7	A N	444
447	4ACSR	26.9	24.9	0.0	A N	11	10	1	1	11	9	1	75	0.0	3.4	122.6	0.0	-0.9	A N	447
43841	1/0ACSR	5.4	24.9	0.0	ABCN	26	18	1	1	49	18	1	94	0.0	0.2	125.8	0.0	-0.7	ABCN	43841
4385	1/0ACSR	6.3	24.9	0.0	ABCN	23	2	1	0	23	2	1	100	0.0	0.2	125.8	0.0	-0.7	ABCN	4385
4386	1/0ACSR	2.2	24.9	0.0	ABCN	181	5	4	2	181	4	4	100	0.0	0.0	126.0	0.0	-1.6	ABCN	4386

********** Load-Flow Results For Blevins Valley Ckt 1 **********

	Blevins Valley Ckt 1						Section Load				Load Into Section				-- 120V Base --			Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					773	514	41	83			126.0			ABCN	Feeder
	700D	336ACSR	0.0	12.5	0.0	ABCN	0	-0	0	8	773	514	41	83	0.0	0.0	126.0	0.0	0.0	ABCN	700D
C	700	6ACWC	2.1	12.5	0.0	A N	13	9	2	88	773	514	123	83	2.4	2.4	123.6	14.9	8.9	A N	700
C	7006	6ACWC	4.9	12.5	0.0	A N	6	4	1	86	745	497	121	83	3.3	5.6	120.4	20.1	11.9	A N	7006
	7001	4ACSR	9.1	12.5	0.0	A N	26	18	4	3	26	18	4	83	0.1	5.7	120.3	0.0	-0.2	A N	7001
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 7002																				
	A N : Tap = 8 RAISE																				
H	Regulator		4.9	12.5	0.0	A N				115	692	463	115	83	-6.0	-0.4	126.4	0.0	0.0	A N	Regulator
C	7002	6ACWC	10.3	12.5	0.0	A N	38	26	6	78	692	463	110	83	5.4	5.0	121.0	29.6	17.5	A N	7002
	662	6ACWC	13.0	12.5	0.0	A N	105	71	18	50	423	283	70	83	1.6	6.6	119.4	5.1	2.9	A N	662
	660	4ACSR	14.5	12.5	0.0	A N	28	19	5	33	271	181	46	83	0.6	7.2	118.8	1.4	0.7	A N	660
	6601	4ACSR	17.6	12.5	0.0	A N	46	31	8	6	46	31	8	83	0.1	7.3	118.7	0.0	-0.1	A N	6601
L	6602	4ACSR	18.9	12.5	0.0	A N	11	7	2	23	195	130	33	83	1.4	8.6	117.4	2.4	1.1	A N	6602
L	657	6ACWC	25.8	12.5	0.0	A N	85	58	15	22	182	122	31	83	1.5	10.2	115.8	2.1	0.9	A N	657
L	656	4ACSR	27.3	12.5	0.0	A N	36	24	6	10	85	57	15	83	0.2	10.4	115.6	0.1	-0.0	A N	656
L	6561	4ACSR	33.7	12.5	0.0	A N	27	18	5	3	27	18	5	83	0.1	10.5	115.5	0.0	-0.3	A N	6561
L	6562	4ACSR	33.0	12.5	0.0	A N	15	10	3	3	22	14	4	84	0.1	10.5	115.5	0.0	-0.2	A N	6562
L	6563	4ACSR	41.7	12.5	0.0	A N	7	5	1	1	7	4	1	85	0.1	10.5	115.5	0.0	-0.4	A N	6563
L	655	4ACSR	33.8	12.5	0.0	A N	10	7	2	1	10	6	2	84	0.1	10.2	115.8	0.0	-0.3	A N	655
	661	4ACSR	19.3	12.5	0.0	A N	42	28	7	5	42	28	7	83	0.2	6.8	119.2	0.1	-0.2	A N	661
	664	4ACSR	15.5	12.5	0.0	A N	148	101	25	18	149	101	25	83	0.7	5.7	120.3	0.9	0.2	A N	664
	665	4ACSR	15.8	12.5	0.0	A N	36	24	6	6	53	35	9	83	0.3	5.3	120.7	0.1	-0.2	A N	665
	6651	4ACSR	21.8	12.5	0.0	A N	16	11	3	2	16	11	3	83	0.1	5.4	120.6	0.0	-0.3	A N	6651

********** Load-Flow Results For Blevins Valley Ckt 2 **********

Blevins Valley Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					921	-25	41	-100			126.0			ABCN	Feeder
701D	336ACSR	0.0	12.5	0.0	ABCN	-0	0	0	8	921	-25	41	-100	0.0	0.0	126.0	0.0	0.0	ABCN	701D
701	1/0CU	4.0	12.5	0.0	ABCN	29	21	2	13	921	-25	41	-100	0.3	0.3	125.7	2.2	1.9	ABCN	701
7016	4ACSR	10.6	12.5	0.0	A N	50	37	8	6	50	37	8	81	0.3	0.6	125.4	0.1	-0.3	A N	7016
7011	1/0CU	8.5	12.5	0.0	ABCN	21	16	1	12	839	-85	37	-99	0.3	0.6	125.4	2.1	1.7	ABCN	7011
7012	4ACSR	14.0	12.5	0.0	A N	42	31	7	5	42	31	7	81	0.2	0.8	125.2	0.1	-0.2	A N	7012
7013	1/0CU	12.2	12.5	0.0	ABCN	31	-304	14	11	773	-133	35	-99	0.2	0.8	125.2	1.5	1.1	ABCN	7013
Capacitor (Wye-Gnd Connected) at Center of Section 7013																				
ABCN : Nominal = 300 kvar Actual = 327 kvar																				
7014	1/0ACSR	14.6	12.5	0.0	ABCN	155	17	7	3	155	17	7	99	0.0	0.8	125.2	0.1	-0.3	ABCN	7014
7015	1/0CU	16.7	12.5	0.0	ABCN	10	7	1	9	586	153	27	97	0.3	1.1	124.9	1.1	0.5	ABCN	7015
702	4ACSR	22.5	12.5	0.0	AB N	72	53	6	9	154	111	13	81	0.5	1.6	124.4	0.7	-0.3	AB N	702
7021	4ACSR	26.7	12.5	0.0	AB N	41	30	3	5	81	59	7	81	0.2	1.8	124.2	0.1	-0.4	AB N	7021
10376	4ACSR	27.1	12.5	0.0	AB N	4	3	0	0	4	3	0	81	0.0	1.8	124.2	0.0	-0.0	AB N	10376
7022	4ACSR	35.1	12.5	0.0	A N	37	27	6	4	37	26	6	81	0.3	2.5	123.5	0.1	-0.4	A N	7022
667	4ACSR	20.9	12.5	0.0	ABCN	224	-108	11	13	421	34	19	100	0.5	1.6	124.4	2.2	0.2	ABCN	667
Capacitor (Wye-Gnd Connected) at Center of Section 667																				
ABCN : Nominal = 150 kvar Actual = 162 kvar																				
666	4ACSR	22.8	12.5	0.0	AB N	58	43	5	7	115	84	10	81	0.1	1.8	124.2	0.1	-0.1	AB N	666
6661	4ACSR	27.9	12.5	0.0	A N	56	41	9	7	56	41	9	81	0.2	2.6	123.4	0.1	-0.2	A N	6661
6671	4ACSR	25.0	12.5	0.0	A N	59	43	10	7	59	43	10	81	0.2	2.4	123.6	0.1	-0.1	A N	6671
6672	4ACSR	22.0	12.5	0.0	A N	21	15	4	2	21	15	3	81	0.0	2.2	123.8	0.0	-0.0	A N	6672

********** Load-Flow Results For Blevins Valley Ckt 3 **********

	Blevins Valley Ckt 3	Phase	Dist	Nom	%V	Phs	Section Load			Ldg	Load Into Section				-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Phs Section
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf							
	Feeder			12.5	0.0	ABCN					567	77	25	99			126.0			ABCN	Feeder
	6771D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	5	567	77	25	99	0.0	0.0	126.0	0.0	0.0	ABCN	6771D
	6771	1/0CU	4.4	12.5	0.0	ABCN	22	-314	14	8	567	77	25	99	0.3	0.3	125.7	1.2	0.6	ABCN	6771
	Capacitor (Wye-Gnd Connected) at Center of Section 6771																				
	ABCN : Nominal = 300 kvar Actual = 330 kvar																				
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 677																				
	ABCN : Tap = 1 RAISE																				
H	Regulator			4.4	12.5	0.0	ABCN				30	544	391	30	81	-0.8	-0.5	126.5	0.0	0.0	ABCN	Regulator
H	677	1/0CU		6.1	12.5	0.0	ABCN	13	10	1	9	544	391	29	81	0.1	-0.3	126.3	0.5	0.3	ABCN	677
H	6751	1/0CU		6.4	12.5	0.0	ABCN	0	0	0	8	476	342	26	81	0.0	-0.3	126.3	0.1	0.0	ABCN	6751
H	675	1/0CU		8.4	12.5	0.0	ABCN	2	2	0	7	394	283	21	81	0.1	-0.2	126.2	0.3	-0.0	ABCN	675
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 674																				
	A N : Tap = -1 LOWER																				
	Regulator			8.4	12.5	0.0	A N				64	391	281	64	81	0.8	0.6	125.4	0.0	0.0	A N	Regulator
	674	4ACSR	13.9	12.5	0.0	A N	30	22	5	46	391	281	64	81	3.4	4.0	122.0	11.1	5.6	A N	674
	6741	4ACSR	18.7	12.5	0.0	A N	30	22	5	4	30	22	5	81	0.1	4.1	121.9	0.0	-0.2	A N	6741
	6742	4ACSR	15.0	12.5	0.0	A N	0	0	0	39	320	232	54	81	0.6	4.6	121.4	1.8	0.9	A N	6742
	6743	4ACSR	20.9	12.5	0.0	A N	37	27	6	4	37	26	6	81	0.2	4.8	121.2	0.1	-0.2	A N	6743
	6744	4ACSR	17.1	12.5	0.0	A N	60	44	10	34	281	204	48	81	0.9	5.5	120.5	2.0	1.0	A N	6744
	668	4ACSR	20.2	12.5	0.0	A N	34	25	6	6	47	34	8	81	0.2	5.7	120.3	0.1	-0.1	A N	668
	6681	4ACSR	24.1	12.5	0.0	A N	14	10	2	2	14	10	2	81	0.0	5.7	120.3	0.0	-0.2	A N	6681
	673	4ACSR	21.2	12.5	0.0	A N	103	75	18	21	172	125	29	81	0.8	6.3	119.7	1.1	0.4	A N	673
	6731	4ACSR	26.3	12.5	0.0	A N	68	49	12	8	68	49	12	81	0.3	6.6	119.4	0.2	-0.1	A N	6731
	676	4ACSR	9.6	12.5	0.0	A N	30	22	5	9	81	59	13	81	0.3	0.1	125.9	0.2	-0.1	A N	676
	6761	4ACSR	11.3	12.5	0.0	A N	20	15	3	2	20	15	3	81	0.0	0.1	125.9	0.0	-0.1	A N	6761
	6762	4ACSR	13.2	12.5	0.0	A N	31	23	5	4	31	23	5	81	0.1	0.2	125.8	0.0	-0.2	A N	6762
	711	6ACWC	11.7	12.5	0.0	A N	34	25	6	6	55	39	9	81	0.3	0.0	126.0	0.1	-0.2	A N	711
	7111	6ACWC	17.5	12.5	0.0	A N	15	11	2	2	21	15	3	82	0.1	0.1	125.9	0.0	-0.3	A N	7111
	7112	6ACWC	21.6	12.5	0.0	A N	6	4	1	1	6	4	1	82	0.0	0.2	125.8	0.0	-0.2	A N	7112

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********** Load-Flow Results For Bowen Ckt 1 **********
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Bowen Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1868	1138	96	85			126.0			ABCN	Feeder
	771	397ACSR	3.2	12.5	0.0	ABCN	19	15	1	16	1868	1138	96	85	0.5	0.5	125.5	4.4	10.0	ABCN	771
	7711	397ACSR	4.5	12.5	0.0	ABCN	11	9	1	16	1845	1113	95	86	0.2	0.8	125.2	1.7	4.0	ABCN	7711
	77110	1/0EPR	5.6	12.5	0.0	ABCN	0	0	0	33	1371	546	65	93	1.6	2.3	123.7	14.1	14.4	ABCN	77110
	77111	336ACSR	9.0	12.5	0.0	ABCN	3	3	0	12	1357	532	65	93	0.4	2.7	123.3	2.5	4.5	ABCN	77111
	772	1/0ACSR	9.8	12.5	0.0	ABCN	11	9	1	0	11	9	1	77	0.0	2.7	123.3	0.0	-0.1	ABCN	772
	77200	4ACSR	12.4	12.5	0.0	ABCN	17	15	1	46	1340	515	65	93	1.9	4.5	121.5	20.4	6.2	ABCN	77200
	774	4ACSR	16.3	12.5	0.0	ABCN	37	30	2	45	1290	484	63	94	2.1	6.6	119.4	22.2	6.7	ABCN	774
	7741	336ACSR	21.9	12.5	0.0	ABCN	48	40	3	10	1086	328	53	96	0.4	7.1	118.9	2.6	4.3	ABCN	7741
	777	1/0ACSR	26.1	12.5	0.0	ABCN	25	21	2	22	1036	284	50	96	0.8	7.9	118.1	6.5	4.2	ABCN	777
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 777																				
		ABCN : Tap = 10				RAISE															
	Regulator			26.1	12.5	0.0	ABCN				49	1004	258	49	97	-7.4	0.5	125.5	0.0	-0.0	ABCN	Regulator
	77701	4ACSR	27.9	12.5	0.0	ABCN	63	21	3	25	781	130	35	99	0.5	1.0	125.0	3.1	0.7	ABCN	77701
	1003	4ACSR	32.1	12.5	0.0	ABCN	94	51	5	23	715	109	32	99	1.1	2.1	123.9	5.7	1.2	ABCN	1003
	1005	6ACWC	33.6	12.5	0.0	ABCN	35	29	2	20	615	57	28	100	0.3	2.4	123.6	1.5	0.3	ABCN	1005
	10053	6ACWC	34.8	12.5	0.0	ABCN	67	14	3	2	67	14	3	98	0.0	2.4	123.6	0.0	-0.2	ABCN	10053
	10054	1/0ACSR	37.4	12.5	0.0	ABCN	13	10	1	10	510	13	23	100	0.3	2.7	123.3	1.2	0.2	ABCN	10054
	10051	4ACSR	39.9	12.5	0.0	ABCN	491	1	22	16	494	2	22	100	0.2	2.9	123.1	3.0	1.2	ABCN	10051
	10052	4ACSR	43.0	12.5	0.0	AB N	0	0	0	0	0	-0	0	0	-0.0	3.1	122.9	0.0	-0.3	AB N	10052
	7771	1/0ACSR	26.5	12.5	0.0	ABCN	52	0	2	5	223	128	11	87	0.0	0.5	125.5	0.0	-0.1	ABCN	7771
	77700	1/0ACSR	28.0	12.5	0.0	ABCN	17	15	1	4	153	113	8	80	0.1	0.6	125.4	0.1	-0.2	ABCN	77700
	1004	2ACSR	36.4	12.5	0.0	A N	3	2	0	12	135	98	22	81	1.4	2.3	123.7	1.5	0.6	A N	1004
	1008	2ACSR	44.3	12.5	0.0	A N	130	95	22	12	131	95	22	81	0.6	2.9	123.1	0.7	0.1	A N	1008
	77702	2ACSR	30.2	12.5	0.0	A N	19	16	3	2	19	16	3	77	0.0	0.9	125.1	0.0	-0.2	A N	77702
	77400	4ACSR	18.2	12.5	0.0	ABCN	62	52	4	6	144	119	9	77	0.1	6.7	119.3	0.2	-0.2	ABCN	77400
	775	4ACSR	29.1	12.5	0.0	A N	81	68	15	11	82	67	15	77	0.8	7.7	118.3	0.6	-0.2	A N	775
	77201	4ACSR	15.0	12.5	0.0	A N	13	11	2	2	13	10	2	77	0.0	4.6	121.4	0.0	-0.1	A N	77201
	773	4ACSR	9.8	12.5	0.0	A N	29	24	5	68	460	553	96	64	4.5	5.3	120.7	24.3	12.5	A N	773
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 773																				
		A N : Tap = 6				RAISE															
C	Regulator			9.8	12.5	0.0	A N				91	407	517	91	62	-4.5	0.7	125.3	0.0	0.0	A N	Regulator
	776	4ACSR	16.5	12.5	0.0	A N	24	20	4	63	407	517	88	62	5.2	5.9	120.1	26.0	13.4	A N	776
	1001	4ACSR	17.8	12.5	0.0	A N	27	23	5	24	190	155	34	78	0.4	6.3	119.7	0.7	0.3	A N	1001
	10011	4ACSR	21.3	12.5	0.0	A N	47	39	9	21	162	132	29	78	0.9	7.2	118.8	1.2	0.5	A N	10011
	10012	4ACSR	25.0	12.5	0.0	A N	9	8	2	14	109	89	20	78	0.7	7.9	118.1	0.7	0.2	A N	10012
L	1000	4ACSR	30.8	12.5	0.0	A N	23	19	4	13	100	81	18	78	0.9	8.8	117.2	0.8	0.2	A N	1000
L	10001	4ACSR	37.0	12.5	0.0	A N	11	9	2	10	76	62	14	78	0.8	9.6	116.4	0.5	0.0	A N	10001
L	10002	4ACSR	46.8	12.5	0.0	A N	24	20	5	3	24	20	5	78	0.2	9.8	116.2	0.1	-0.4	A N	10002
L	10003	4ACSR	48.4	12.5	0.0	A N	39	33	7	5	39	32	7	77	0.4	10.0	116.0	0.2	-0.4	A N	10003
	10013	4ACSR	27.7	12.5	0.0	A N	4	4	1	1	4	3	1	79	0.0	7.2	118.8	0.0	-0.3	A N	10013
L	1002	4ACSR	23.1	12.5	0.0	A N	22	18	4	37	167	329	51	45	2.6	8.6	117.4	8.6	4.2	A N	1002
L	1006	4ACSR	27.8	12.5	0.0	A N	14	12	3	2	14	11	3	77	0.1	8.6	117.4	0.0	-0.2	A N	1006
L	1007	4ACSR	29.4	12.5	0.0	A N	15	13	3	32	123	295	45	38	2.1	10.7	115.3	6.6	3.2	A N	1007
L	1009	4ACSR	32.8	12.5	0.0	A N	7	6	1	27	67	251	38	26	0.8	11.5	114.5	2.5	1.2	A N	1009
L	1012	4ACSR	33.3	12.5	0.0	A N	2	11	2	26	58	244	37	23	0.1	11.6	114.4	0.3	0.2	A N	1012
L	10121	4ACSR	36.6	12.5	0.0	A N	2	8	1	25	55	233	35	23	0.7	12.4	113.6	2.1	0.9	A N	10121
L	782	4ACSR	41.6	12.5	0.0	A N	0	1	0	8	17	75	11	23	0.4	12.7	113.3	0.3	-0.0	A N	782
L	7821	4ACSR	46.7	12.5	0.0	A N	1	4	1	8	17	73	11	22	0.4	13.1	112.9	0.3	-0.0	A N	7821
L	7822	4ACSR	54.1	12.5	0.0	A N	13	57	9	6	13	57	9	22	0.2	13.3	112.7	0.1	-0.2	A N	7822
L	7823	4ACSR	52.9	12.5	0.0	A N	3	12	2	1	3	12	2	22	0.0	13.1	112.9	0.0	-0.3	A N	7823
L	781	4ACSR	41.0	12.5	0.0	A N	31	139	21	16	34	149	22	22	0.3	12.7	113.3	0.6	0.1	A N	781
L	1014	4ACSR	44.7	12.5	0.0	A N	2	10	2	1	2	10	2	22	0.0	12.7	113.3	0.0	-0.2	A N	1014
L	780	2ACSR	45.5	12.5	0.0	A N	0	0	0	0	0	-0	0	-23	0.0	12.7	113.3	-0.0	-0.8	A N	780
L	10111	4ACSR	30.9	12.5	0.0	A N	2	2	0	5	34	28	6	77	0.1	10.8	115.2	0.0	-0.0	A N	10111
L	1011	4ACSR	39.9	12.5	0.0	A N	32	26	6	4	32	26	6	77	0.3	11.0	115.0	0.1	-0.3	A N	1011

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********** Load-Flow Results For Bowen Ckt 2 **********
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Bowen Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					880	-534	45	-85			126.0			ABCN	Feeder
768	4ACSR	2.7	12.5	0.0	ABCN	308	-592	30	32	880	-534	45	-85	0.6	0.6	125.4	6.3	1.8	ABCN	768
Capacitor (Wye-Gnd Connected) at Center of Section 768																				
	ABCN : Nominal = 600 kvar Actual = 658 kvar																			
77011	4ACSR	3.3	12.5	0.0	ABCN	533	6	24	18	564	55	25	100	0.1	0.7	125.3	0.8	0.3	ABCN	77011
770	4ACSR	9.7	12.5	0.0	A N	22	37	6	5	30	49	8	52	0.3	1.5	124.5	0.1	-0.3	A N	770
7701	4ACSR	14.7	12.5	0.0	A N	2	3	1	1	8	12	2	54	0.1	1.5	124.5	0.0	-0.2	A N	7701
7702	4ACSR	19.7	12.5	0.0	A N	5	8	1	1	5	7	1	53	0.0	1.6	124.4	0.0	-0.2	A N	7702
7703	4ACSR	19.4	12.5	0.0	A N	1	2	0	0	1	1	0	57	0.0	1.6	124.4	0.0	-0.2	A N	7703

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********** Load-Flow Results For Bowen Ckt 3 **********
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Bowen Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1553	1191	86	79			126.0			ABCN	Feeder
	767	4ACSR	6.0	12.5	0.0	ABCN	93	78	5	62	1553	1191	86	79	4.0	4.0	122.0	61.3	19.3	ABCN	767
	766	397ACSR	8.4	12.5	0.0	ABCN	0	0	0	11	1079	885	64	77	0.3	4.3	121.7	1.4	3.0	ABCN	766
	753	1/0CU	12.4	12.5	0.0	ABCN	16	14	1	16	866	710	51	77	0.6	4.9	121.1	3.5	3.6	ABCN	753
	765	1/0CU	18.0	12.5	0.0	ABCN	10	8	1	14	709	579	42	77	0.7	5.6	120.4	3.4	3.1	ABCN	765
	760	1/0CU	21.8	12.5	0.0	ABCN	0	0	0	12	633	515	38	78	0.4	6.0	120.0	1.9	1.6	ABCN	760
L	761	4ACSR	25.1	12.5	0.0	A N	18	15	3	81	629	512	113	78	3.6	10.0	116.0	21.8	11.3	A N	761
L	762	4ACSR	25.9	12.5	0.0	A N	20	17	4	78	589	486	110	77	0.8	10.9	115.1	4.9	2.5	A N	762
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 762																				
	A N : Tap = 14 RAISE																				
C	Regulator		25.9	12.5	0.0	A N				106	565	467	106	77	-10.1	0.8	125.2	-0.0	0.0	A N	Regulator
	7621	4ACSR	27.7	12.5	0.0	A N	13	11	2	2	13	11	2	77	0.0	0.8	125.2	0.0	-0.1	A N	7621
	7622	4ACSR	30.7	12.5	0.0	A N	150	127	27	68	552	456	95	77	3.8	4.6	121.4	17.6	9.0	A N	7622
	7624	4ACSR	35.9	12.5	0.0	A N	57	48	10	33	258	215	46	77	2.1	6.7	119.3	4.7	2.2	A N	7624
L	7625	4ACSR	41.6	12.5	0.0	A N	133	112	24	26	197	164	36	77	1.3	8.0	118.0	2.1	0.9	A N	7625
L	7626	4ACSR	47.5	12.5	0.0	A N	61	52	11	8	62	52	11	77	0.3	8.3	117.7	0.2	-0.2	A N	7626
	7623	4ACSR	33.3	12.5	0.0	A N	125	106	23	16	126	106	23	77	0.3	4.9	121.1	0.4	0.1	A N	7623
	751	4ACSR	23.6	12.5	0.0	A N	50	42	9	8	63	52	11	77	0.4	6.4	119.6	0.2	-0.2	A N	751
	7511	4ACSR	29.9	12.5	0.0	A N	13	11	2	2	13	10	2	77	0.1	6.4	119.6	0.0	-0.3	A N	7511
	752	1/0CU	18.5	12.5	0.0	ABCN	5	4	0	3	137	113	8	77	0.1	5.0	121.0	0.1	-0.9	ABCN	752
	746	4ACSR	23.9	12.5	0.0	A N	62	52	11	17	131	109	24	77	1.0	6.4	119.6	1.0	0.3	A N	746
	7461	4ACSR	28.4	12.5	0.0	A N	14	12	3	9	68	57	12	77	0.5	6.9	119.1	0.3	-0.1	A N	7461
	7462	4ACSR	34.5	12.5	0.0	A N	54	45	10	7	54	45	10	77	0.3	7.2	118.8	0.2	-0.2	A N	7462
	7531	4ACSR	9.9	12.5	0.0	ABCN	14	12	1	9	212	172	12	78	0.1	4.5	121.5	0.3	-0.1	ABCN	7531
	754	4ACSR	13.2	12.5	0.0	A N	39	33	7	25	197	160	35	78	1.0	5.8	120.2	1.8	0.8	A N	754
	7541	4ACSR	16.7	12.5	0.0	A N	26	22	5	20	156	126	28	78	0.9	6.7	119.3	1.2	0.5	A N	7541
	7542	4ACSR	24.4	12.5	0.0	A N	26	22	5	17	129	104	23	78	1.6	8.3	117.7	1.8	0.6	A N	7542
L	7543	2ACSR	28.0	12.5	0.0	A N	13	11	2	10	102	82	18	78	0.5	8.8	117.2	0.4	0.1	A N	7543
L	7544	2ACSR	32.8	12.5	0.0	A N	0	0	0	9	88	70	16	78	0.6	9.3	116.7	0.4	0.1	A N	7544
L	755	4ACSR	42.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-6	-0.0	9.3	116.7	0.0	-0.4	A N	755
L	756	4ACSR	34.2	12.5	0.0	A N	7	6	1	11	87	70	16	78	0.2	9.6	116.4	0.2	0.0	A N	756
L	7561	4ACSR	41.0	12.5	0.0	A N	17	14	3	2	17	14	3	77	0.1	9.7	116.3	0.0	-0.3	A N	7561
L	7562	4ACSR	42.6	12.5	0.0	A N	2	1	0	8	62	50	11	78	0.9	10.5	115.5	0.6	-0.1	A N	7562
L	7563	2ACSR	49.4	12.5	0.0	A N	7	6	1	6	60	48	11	78	0.5	11.0	115.0	0.3	-0.1	A N	7563
L	7564	2ACSR	53.8	12.5	0.0	A N	0	0	0	6	53	43	10	78	0.3	11.4	114.6	0.2	-0.1	A N	7564
L	7565	4ACSR	59.6	12.5	0.0	A N	0	0	0	7	53	43	10	78	0.6	11.9	114.1	0.3	-0.1	A N	7565
L	11311	4ACSR	64.9	12.5	0.0	A N	27	23	5	4	27	22	5	78	0.1	12.0	114.0	0.0	-0.2	A N	11311
L	1131	4ACSR	72.9	12.5	0.0	A N	0	0	0	0	0	-1	0	-28	-0.0	12.0	114.0	0.0	-0.3	A N	1131
L	11313	4ACSR	82.7	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	12.0	114.0	0.0	-0.4	A N	11313
L	1132	4ACSR	66.5	12.5	0.0	A N	25	21	5	3	25	21	5	77	0.2	12.1	113.9	0.0	-0.3	A N	1132
	764	4ACSR	8.3	12.5	0.0	ABCN	46	39	3	12	320	209	17	84	0.3	4.3	121.7	0.9	-0.1	ABCN	764
	7641	4ACSR	11.1	12.5	0.0	A N	40	34	7	5	40	34	7	77	0.1	4.8	121.2	0.0	-0.1	A N	7641
	7642	2ACSR	12.6	12.5	0.0	ABCN	92	20	4	7	232	136	12	86	0.3	4.6	121.4	0.5	-0.4	ABCN	7642
	7643	6ACWC	14.0	12.5	0.0	ABCN	2	2	0	6	139	116	8	77	0.1	4.7	121.3	0.1	-0.2	ABCN	7643
	763	6ACWC	17.4	12.5	0.0	A N	64	54	11	12	92	77	16	77	0.3	5.6	120.4	0.2	-0.0	A N	763
	7631	6ACWC	22.0	12.5	0.0	A N	28	23	5	4	28	23	5	77	0.1	5.7	120.3	0.0	-0.2	A N	7631
	7644	2ACSR	20.3	12.5	0.0	A N	44	38	8	4	45	37	8	77	0.2	5.4	120.6	0.1	-0.3	A N	7644

********** Load-Flow Results For Cave Run Ckt 1 **********

Cave Run Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					610	196	28	95			126.0			ABCN	Feeder
11024	4/0ACSR	0.4	12.5	0.0	ABCN	0	0	0	8	610	196	28	95	0.0	0.0	126.0	0.1	0.1	ABCN	11024
1024	4/0ACSR	4.1	12.5	0.0	ABCN	102	45	5	8	610	196	28	95	0.2	0.3	125.7	0.9	0.4	ABCN	1024
10241	4/0ACSR	7.6	12.5	0.0	ABCN	109	48	5	7	507	151	23	96	0.2	0.4	125.6	0.6	0.0	ABCN	10241
10291	4/0ACSR	8.6	12.5	0.0	ABCN	36	16	2	5	397	102	18	97	0.0	0.5	125.5	0.1	-0.1	ABCN	10291
1029	4/0ACSR	11.2	12.5	0.0	ABCN	23	10	1	4	311	64	14	98	0.1	0.6	125.4	0.2	-0.3	ABCN	1029
1038	4/0ACSR	18.4	12.5	0.0	ABCN	18	8	1	4	288	54	13	98	0.2	0.8	125.2	0.4	-1.0	ABCN	1038
10381	4/0ACSR	27.4	12.5	0.0	ABCN	0	0	0	4	269	47	12	98	0.2	1.0	125.0	0.4	-1.2	ABCN	10381
1039	1/0EPR	30.9	12.5	0.0	ABCN	0	-0	0	3	109	34	5	96	0.4	1.4	124.6	0.3	-0.5	ABCN	1039
1027	1/0EPR	35.4	12.5	0.0	ABCN	0	-0	0	1	43	9	2	98	0.2	1.6	124.4	0.1	-1.0	ABCN	1027
10271	1/0EPR	39.6	12.5	0.0	ABCN	35	10	2	1	43	10	2	98	0.1	1.7	124.3	0.1	-0.9	ABCN	10271
1025	2XLP	43.0	12.5	0.0	ABCN	8	1	0	0	8	0	0	100	0.0	1.7	124.3	0.0	-0.8	ABCN	1025
1032	1/0EPR	34.9	12.5	0.0	ABCN	23	10	1	2	66	25	3	93	0.2	1.6	124.4	0.1	-0.8	ABCN	1032
10321	1/0EPR	47.8	12.5	0.0	ABCN	0	0	0	1	43	16	2	94	0.6	2.2	123.8	0.2	-2.7	ABCN	10321
10322	1/0EPR	50.4	12.5	0.0	A N	1	1	0	3	43	18	6	92	0.4	2.9	123.1	0.1	-0.1	A N	10322
1031	4ACSR	55.7	12.5	0.0	A N	9	4	1	4	42	18	6	92	0.3	3.2	122.8	0.1	-0.2	A N	1031
10311	4ACSR	59.7	12.5	0.0	A N	32	14	5	3	32	14	5	92	0.1	3.3	122.7	0.0	-0.2	A N	10311
10391	1/0EPR	31.1	12.5	0.0	ABCN	76	15	3	4	159	15	7	100	0.4	1.4	124.6	0.5	-0.3	ABCN	10391
10251	2XLP	33.8	12.5	0.0	ABCN	82	0	4	4	82	-0	4	-100	0.1	1.5	124.5	0.2	-0.4	ABCN	10251
10292	4ACSR	10.9	12.5	0.0	A N	50	22	7	5	50	22	7	92	0.1	0.7	125.3	0.0	-0.1	A N	10292
12024	4/0ACSR	0.5	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.0	126.0	0.0	-0.0	ABCN	12024

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********** Load-Flow Results For Cave Run Ckt 2 **********
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Cave Run Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					680	180	31	97			126.0			ABCN	Feeder
11026	4/0ACSR	0.4	12.5	0.0	ABCN	46	20	2	9	680	180	31	97	0.0	0.0	126.0	0.1	0.1	ABCN	11026
1026	4/0ACSR	1.0	12.5	0.0	ABCN	18	8	1	8	634	160	29	97	0.0	0.1	125.9	0.2	0.1	ABCN	1026
10261	4/0ACSR	1.6	12.5	0.0	ABCN	35	15	2	8	616	152	28	97	0.0	0.1	125.9	0.2	0.1	ABCN	10261
10242	4ACSR	4.8	12.5	0.0	A N	204	71	29	20	204	71	29	94	0.5	0.6	125.4	0.7	0.2	A N	10242
10260	4/0ACSR	3.9	12.5	0.0	ABCN	75	29	4	5	377	66	17	99	0.1	0.2	125.8	0.2	-0.2	ABCN	10260
10262	4/0ACSR	4.2	12.5	0.0	ABCN	0	0	0	4	301	37	13	99	0.0	0.2	125.8	0.0	-0.0	ABCN	10262
1023	1/0ACSR	7.9	12.5	0.0	ABCN	174	5	8	6	301	37	13	99	0.1	0.3	125.7	0.4	-0.3	ABCN	1023
10231	1/0ACSR	10.7	12.5	0.0	ABCN	4	2	0	1	56	6	2	99	0.0	0.4	125.6	0.0	-0.5	ABCN	10231
10232	1/0EPR	15.7	12.5	0.0	ABCN	51	5	2	1	51	4	2	100	0.1	0.5	125.5	0.1	-1.0	ABCN	10232
10233	4ACSR	9.3	12.5	0.0	ABCN	0	-0	0	2	72	27	3	94	0.0	0.4	125.6	0.0	-0.2	ABCN	10233
1018	1/0ACSR	19.5	12.5	0.0	ABCN	0	-0	0	0	0	-4	0	0	-0.0	0.4	125.6	0.0	-2.0	ABCN	1018
10181	1/0ACSR	28.2	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.4	125.6	0.0	-1.7	ABCN	10181
1019	4ACSR	14.8	12.5	0.0	A N	71	31	10	7	71	31	10	92	0.3	0.8	125.2	0.2	-0.2	A N	1019

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********** Load-Flow Results For Clay City Ckt 1 **********

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Clay City Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2692	1149	129	92			126.0			ABCN	Feeder
5604	4/0ACSR	1.8	12.5	0.0	ABCN	4	2	0	38	2692	1149	129	92	0.6	0.6	125.4	9.8	12.4	ABCN	5604
560	4/0ACSR	4.5	12.5	0.0	ABCN	49	28	3	38	2678	1134	129	92	0.9	1.5	124.5	14.8	18.7	ABCN	560
5601	2ACSR	6.5	12.5	0.0	ABCN	454	6	20	11	455	7	20	100	0.1	1.6	124.4	1.4	0.7	ABCN	5601
5602	4/0ACSR	5.1	12.5	0.0	ABCN	14	8	1	32	2159	1080	108	89	0.2	1.7	124.3	2.3	2.9	ABCN	5602
556	4/0ACSR	8.7	12.5	0.0	ABCN	160	92	8	15	1081	465	53	92	0.5	2.2	123.8	3.1	3.3	ABCN	556
5561	4/0ACSR	10.8	12.5	0.0	ABCN	98	56	5	13	918	369	44	93	0.2	2.4	123.6	1.3	1.3	ABCN	5561
5562	4/0ACSR	13.6	12.5	0.0	ABCN	154	89	8	12	819	311	39	93	0.2	2.7	123.3	1.3	1.1	ABCN	5562
553	4ACSR	14.5	12.5	0.0	ABCN	13	-151	7	22	663	221	31	95	0.3	2.9	123.1	1.5	0.3	ABCN	553
Capacitor (Wye-Gnd Connected) at Center of Section 553																				
	ABCN : Nominal = 150 kvar					Actual = 158 kvar														
5531	4ACSR	20.4	12.5	0.0	A N	24	14	4	3	25	14	4	87	0.1	3.4	122.6	0.0	-0.3	A N	5531
5532	4ACSR	15.0	12.5	0.0	ABCN	8	4	0	23	624	357	32	87	0.1	3.0	123.0	0.6	0.1	ABCN	5532
552	4/0ACSR	17.8	12.5	0.0	ABCN	52	30	3	5	346	197	18	87	0.1	3.2	122.8	0.3	-0.2	ABCN	552
5521	4/0ACSR	19.5	12.5	0.0	A N	62	36	10	3	62	36	10	87	0.0	3.6	122.4	0.0	-0.1	A N	5521
5522	4/0ACSR	20.2	12.5	0.0	A N	41	24	6	2	41	24	6	87	0.0	3.6	122.4	0.0	-0.1	A N	5522
5523	4/0ACSR	19.9	12.5	0.0	ABCN	100	57	5	3	189	107	10	87	0.0	3.2	122.8	0.1	-0.3	ABCN	5523
550	4/0ACSR	22.7	12.5	0.0	ABCN	42	24	2	1	82	46	4	87	0.0	3.2	122.8	0.0	-0.5	ABCN	550
541	4/0ACSR	26.3	12.5	0.0	ABCN	28	16	1	0	28	16	1	88	0.0	3.2	122.8	0.0	-0.7	ABCN	541
542	6ACWC	32.2	12.5	0.0	A N	13	7	2	1	13	7	2	88	0.1	3.8	122.2	0.0	-0.5	A N	542
551	4/0ACSR	20.9	12.5	0.0	A N	7	4	1	0	7	4	1	87	0.0	3.7	122.3	0.0	-0.1	A N	551
554	4ACSR	19.1	12.5	0.0	A N	144	83	23	30	269	155	42	87	1.3	4.7	121.3	2.4	1.1	A N	554
555	4/0ACSR	24.1	12.5	0.0	A N	123	71	20	6	123	71	20	87	0.2	4.9	121.1	0.1	-0.0	A N	555
559	4/0ACSR	5.9	12.5	0.0	ABCN	0	-0	0	13	866	492	45	87	0.1	1.8	124.2	0.6	0.6	ABCN	559
5591	2ACSR	7.5	12.5	0.0	ABCN	47	21	2	25	866	491	45	87	0.4	2.2	123.8	3.0	1.2	ABCN	5591
558	4/0ACSR	8.9	12.5	0.0	ABCN	92	53	5	8	552	317	29	87	0.1	2.3	123.7	0.3	0.2	ABCN	558
557	336ACSR	12.5	12.5	0.0	ABCN	100	57	5	4	459	264	24	87	0.1	2.5	123.5	0.3	-0.1	ABCN	557
9557	6ACWC	17.3	12.5	0.0	A N	147	85	23	40	359	206	56	87	2.0	4.7	121.3	4.9	2.7	A N	9557
95571	6ACWC	19.8	12.5	0.0	A N	73	42	12	23	207	119	33	87	0.7	5.3	120.7	0.9	0.4	A N	95571
95572	4ACSR	20.6	12.5	0.0	A N	0	0	0	15	133	76	21	87	0.2	5.5	120.5	0.2	0.1	A N	95572
9331	4ACSR	26.6	12.5	0.0	A N	54	31	9	7	63	36	10	87	0.3	5.8	120.2	0.2	-0.2	A N	9331
331	2ACSR	29.9	12.5	0.0	A N	8	5	1	1	8	5	1	87	0.0	5.8	120.2	0.0	-0.2	A N	331
95573	4ACSR	23.7	12.5	0.0	A N	70	41	11	8	70	40	11	87	0.2	5.6	120.4	0.1	-0.1	A N	95573
578	4ACSR	10.0	12.5	0.0	A N	86	50	13	29	264	151	41	87	0.9	3.2	122.8	1.6	0.7	A N	578
5781	4ACSR	13.1	12.5	0.0	A N	68	39	11	8	68	39	11	87	0.2	3.3	122.7	0.1	-0.1	A N	5781
5782	4ACSR	11.9	12.5	0.0	A N	61	35	10	12	108	62	17	87	0.2	3.4	122.6	0.2	-0.0	A N	5782
5783	4ACSR	14.2	12.5	0.0	A N	46	27	7	5	46	26	7	87	0.1	3.5	122.5	0.0	-0.1	A N	5783
5603	4/0ACSR	7.7	12.5	0.0	A N	117	67	18	9	195	112	30	87	0.2	2.0	124.0	0.2	0.2	A N	5603
5672	4/0ACSR	9.9	12.5	0.0	A N	78	45	12	4	78	45	12	87	0.1	2.0	124.0	0.0	-0.1	A N	5672

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********** Load-Flow Results For Clay City Ckt 2 **********
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Clay City Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2958	1226	141	92			126.0			ABCN	Feeder
56701	4/0ACSR	0.1	12.5	0.0	ABCN	-0	0	0	42	2958	1226	141	92	0.0	0.0	126.0	0.9	1.1	ABCN	56701
567	4/0ACSR	1.8	12.5	0.0	ABCN	5	3	0	40	2885	1183	138	93	0.6	0.6	125.4	10.4	13.2	ABCN	567
5671	4/0ACSR	4.4	12.5	0.0	ABCN	6	4	0	40	2869	1167	137	93	1.0	1.6	124.4	17.0	21.5	ABCN	5671
571	4/0ACSR	7.9	12.5	0.0	ABCN	193	-134	11	40	2846	1142	137	93	1.2	2.9	123.1	21.0	26.7	ABCN	571
Capacitor (Wye-Gnd Connected) at Center of Section 571																				
	ABCN : Nominal = 150 kvar					Actual = 160 kvar														
5710	4/0ACSR	8.2	12.5	0.0	ABCN	4	2	0	18	1257	500	61	93	0.0	2.9	123.1	0.3	0.4	ABCN	5710
5711	4/0ACSR	8.5	12.5	0.0	ABCN	72	24	3	17	1209	473	59	93	0.1	3.0	123.0	0.4	0.4	ABCN	5711
573	4/0ACSR	10.6	12.5	0.0	ABCN	156	40	7	16	1137	448	55	93	0.3	3.2	122.8	1.9	2.1	ABCN	573
5731	4/0ACSR	11.1	12.5	0.0	ABCN	95	54	5	7	437	244	23	87	0.0	3.3	122.7	0.1	0.0	ABCN	5731
5758	4/0ACSR	11.4	12.5	0.0	ABCN	37	16	2	5	342	190	18	87	0.0	3.3	122.7	0.0	-0.0	ABCN	5758
5755	4/0ACSR	12.1	12.5	0.0	A N	34	19	5	2	34	19	5	87	0.0	3.5	122.5	0.0	-0.0	A N	5755
5757	4/0ACSR	11.8	12.5	0.0	ABCN	4	2	0	3	167	95	9	87	0.0	3.3	122.7	0.0	-0.1	ABCN	5757
5751	6ACWC	12.7	12.5	0.0	A N	33	19	5	4	33	19	5	87	0.0	3.5	122.5	0.0	-0.0	A N	5751
5754	6ACWC	12.3	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	3.2	122.8	0.0	-0.1	BCN	5754
5756	4/0ACSR	12.1	12.5	0.0	ABCN	5	3	0	2	129	74	7	87	0.0	3.3	122.7	0.0	-0.1	ABCN	5756
575	4/0ACSR	13.0	12.5	0.0	ABCN	84	48	4	1	84	48	4	87	0.0	3.3	122.7	0.0	-0.2	ABCN	575
5750	6ACWC	13.0	12.5	0.0	A N	40	23	6	4	40	23	6	87	0.0	3.5	122.5	0.0	-0.0	A N	5750
5753	6ACWC	12.8	12.5	0.0	BCN	0	0	0	0	0	-0	0	0	-0.0	3.2	122.8	0.0	-0.1	BCN	5753
5752	6ACWC	12.2	12.5	0.0	AB N	104	60	8	6	104	60	8	87	0.0	3.3	122.7	0.1	-0.1	AB N	5752
5732	336ACSR	12.3	12.5	0.0	ABCN	199	23	9	4	425	104	20	97	0.0	3.3	122.7	0.1	-0.1	ABCN	5732
5733	4/0ACSR	13.4	12.5	0.0	A N	51	21	7	2	51	21	7	93	0.0	3.5	122.5	0.0	-0.1	A N	5733
5734	336ACSR	14.0	12.5	0.0	ABCN	175	60	8	2	175	59	8	95	0.0	3.3	122.7	0.0	-0.2	ABCN	5734
5735	4/0ACSR	11.6	12.5	0.0	A N	116	57	18	5	116	57	18	90	0.0	3.5	122.5	0.0	-0.0	A N	5735
5691	4ACSR	10.0	12.5	0.0	A N	44	25	7	5	44	25	7	87	0.1	3.1	122.9	0.0	-0.1	A N	5691
605	6ACWC	9.2	12.5	0.0	ABCN	21	12	1	50	1375	749	71	88	0.7	3.6	122.4	8.7	2.8	ABCN	605
6053	6ACWC	11.2	12.5	0.0	ABCN	11	6	1	46	1236	672	64	88	1.1	4.6	121.4	11.6	3.6	ABCN	6053
568	6ACWC	11.7	12.5	0.0	ABCN	1	1	0	19	513	277	27	88	0.1	4.7	121.3	0.4	0.1	ABCN	568
6052	6ACWC	12.8	12.5	0.0	ABCN	99	40	5	3	99	40	5	93	0.0	4.7	121.3	0.1	-0.1	ABCN	6052
566	1/0ACSR	13.4	12.5	0.0	A N	56	32	9	28	412	236	65	87	0.6	5.5	120.5	1.7	1.6	A N	566
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 566																				
	A N : Tap = 7				RAISE															
Regulator			13.4	12.5	0.0	A N				56	354	202	56	87	-5.3	0.2	125.8	0.0	-0.0	A N	Regulator
5663	1/0ACSR	17.8	12.5	0.0	A N	48	28	7	23	354	202	54	87	1.3	1.5	124.5	2.8	2.7	A N	5663
5662	1/0ACSR	19.8	12.5	0.0	A N	23	13	4	18	264	150	41	87	0.5	2.0	124.0	0.8	0.7	A N	5662
368	1/0ACSR	27.3	12.5	0.0	A N	20	11	3	13	194	110	30	87	1.3	3.3	122.7	1.6	1.2	A N	368
354	4ACSR	30.0	12.5	0.0	A N	41	23	6	11	100	57	16	87	0.3	3.6	122.4	0.2	-0.0	A N	354
3541	4ACSR	35.5	12.5	0.0	A N	51	29	8	7	59	33	9	87	0.3	3.9	122.1	0.1	-0.2	A N	3541
3542	4ACSR	38.1	12.5	0.0	A N	8	4	1	1	8	4	1	87	0.0	3.9	122.1	0.0	-0.1	A N	3542
565	4ACSR	33.4	12.5	0.0	A N	73	41	11	8	73	41	11	87	0.3	3.6	122.4	0.2	-0.2	A N	565
569	4ACSR	24.9	12.5	0.0	A N	46	26	7	5	46	26	7	87	0.2	2.2	123.8	0.1	-0.2	A N	569
5661	6ACWC	20.3	12.5	0.0	A N	38	22	6	4	38	22	6	87	0.1	1.6	124.4	0.0	-0.1	A N	5661
604	6ACWC	11.9	12.5	0.0	ABCN	14	8	1	26	701	384	37	88	0.2	4.8	121.2	1.2	0.3	ABCN	604
6043	1/0ACSR	14.0	12.5	0.0	ABCN	83	47	4	14	624	341	33	88	0.3	5.1	120.9	1.3	0.6	ABCN	6043
6042	1/0ACSR	17.2	12.5	0.0	A N	89	37	13	6	89	37	13	93	0.1	5.4	120.6	0.1	-0.1	A N	6042
606	4ACSR	15.3	12.5	0.0	A N	20	11	3	25	219	125	35	87	0.4	5.7	120.3	0.8	0.3	A N	606
6061	4ACSR	17.1	12.5	0.0	A N	82	47	13	9	82	46	13	87	0.1	5.9	120.1	0.1	-0.0	A N	6061
6062	4ACSR	18.9	12.5	0.0	A N	74	42	12	13	117	66	19	87	0.5	6.2	119.8	0.4	0.0	A N	6062
60621	2ACSR	22.6	12.5	0.0	A N	43	24	7	4	43	24	7	87	0.1	6.3	119.7	0.0	-0.2	A N	60621
607	4ACSR	16.3	12.5	0.0	A N	43	25	7	26	230	130	37	87	0.8	6.1	119.9	1.4	0.6	A N	607
6071	4ACSR	23.1	12.5	0.0	A N	61	35	10	7	61	34	10	87	0.3	6.4	119.6	0.2	-0.2	A N	6071
6072	4ACSR	23.1	12.5	0.0	A N	124	71	20	14	124	71	20	87	0.7	6.8	119.2	0.7	0.1	A N	6072
6041	1/0ACSR	14.0	12.5	0.0	A N	62	35	10	4	62	35	10	87	0.1	5.0	121.0	0.0	-0.1	A N	6041
6051	6ACWC	12.3	12.5	0.0	A N	109	62	17	12	109	62	17	87	0.3	4.0	122.0	0.2	-0.0	A N	6051
561	6ACWC	3.5	12.5	0.0	A N	73	42	11	8	73	42	11	87	0.2	0.2	125.8	0.1	-0.1	A N	561

********** Load-Flow Results For Clay City Ckt 3 **********

Clay City Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					318	-300	19	-73			126.0			ABCN	Feeder
H 58001	336ACSR	1.3	12.5	0.0	ABCN	318	-300	19	4	318	-300	19	-73	-0.0	-0.0	126.0	0.1	-0.0	ABCN	58001
Capacitor (Wye-Gnd Connected) at Center of Section 58001																				
ABCN : Nominal = 300 kvar Actual = 331 kvar																				

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********** Load-Flow Results For Clay City Ckt 4 **********

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Clay City Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					4188	1939	203	91			126.0			ABCN	Feeder
	580	336ACSR	2.8	12.5	0.0	ABCN	0	0	0	38	4188	1939	203	91	1.0	1.0	125.0	20.5	42.3	ABCN	580
	5801	336ACSR	5.4	12.5	0.0	ABCN	6	3	0	37	3971	1791	194	91	0.9	1.9	124.1	16.8	34.8	ABCN	5801
	528	336ACSR	6.8	12.5	0.0	ABCN	12	7	1	5	500	271	25	88	0.1	1.9	124.1	0.1	0.0	ABCN	528
	525	6ACWC	9.5	12.5	0.0	A N	27	15	4	42	384	208	59	88	1.5	3.4	122.6	4.3	2.5	A N	525
	5251	6ACWC	10.5	12.5	0.0	A N	76	41	12	8	76	41	12	88	0.1	3.5	122.5	0.0	-0.0	A N	5251
	5252	6ACWC	15.3	12.5	0.0	A N	153	83	24	31	276	150	43	88	1.7	5.1	120.9	3.1	1.6	A N	5252
	5253	6ACWC	20.5	12.5	0.0	A N	75	41	12	13	121	65	19	88	0.6	5.7	120.3	0.5	0.1	A N	5253
	5254	6ACWC	25.4	12.5	0.0	A N	45	24	7	5	45	24	7	88	0.2	5.9	120.1	0.1	-0.2	A N	5254
	9525	6ACWC	10.2	12.5	0.0	A N	104	56	16	11	104	56	16	88	0.3	2.2	123.8	0.2	-0.0	A N	9525
	574	336ACSR	7.7	12.5	0.0	ABCN	33	18	2	32	3448	1482	168	92	0.6	2.5	123.5	11.1	22.7	ABCN	574
	5759	4/0ACSR	7.8	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	2.5	123.5	0.0	-0.0	ABCN	5759
	576	4/0ACSR	12.1	12.5	0.0	ABCN	51	28	3	49	3405	1441	166	92	1.9	4.4	121.6	40.2	51.5	ABCN	576
	5761	4/0ACSR	14.5	12.5	0.0	ABCN	22	12	1	46	3193	1297	157	93	1.0	5.4	120.6	19.8	25.4	ABCN	5761
	5763	336ACSR	16.8	12.5	0.0	ABCN	40	22	2	26	2773	1114	138	93	0.5	5.9	120.1	7.4	15.2	ABCN	5763
	57631	336ACSR	16.8	12.5	0.0	ABCN	11	6	1	26	2726	1078	136	93	0.0	5.9	120.1	0.2	0.3	ABCN	57631
	5764	336ACSR	17.2	12.5	0.0	ABCN	9	5	0	0	9	5	0	88	0.0	5.9	120.1	0.0	-0.1	ABCN	5764
	5765	336ACSR	18.1	12.5	0.0	ABCN	185	83	9	25	2705	1066	135	93	0.3	6.2	119.8	3.7	7.6	ABCN	5765
	5766	336ACSR	19.3	12.5	0.0	ABCN	111	58	6	24	2516	976	125	93	0.2	6.5	119.5	3.3	6.6	ABCN	5766
	5767	336ACSR	21.5	12.5	0.0	ABCN	78	31	4	1	79	31	4	93	0.0	6.5	119.5	0.0	-0.4	ABCN	5767
	57661	336ACSR	19.7	12.5	0.0	ABCN	15	8	1	0	15	8	1	88	0.0	6.5	119.5	0.0	-0.1	ABCN	57661
	602	1/0ACSR	22.3	12.5	0.0	ABCN	247	97	12	50	2308	872	115	94	1.4	7.8	118.2	22.6	16.7	ABCN	602
L	610	1/0ACSR	24.3	12.5	0.0	ABCN	6	3	0	44	2039	758	102	94	0.9	8.7	117.3	13.7	10.0	ABCN	610
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 610																				
	ABCN : Tap = 11 RAISE																				
C	Regulator		24.3	12.5	0.0	ABCN				102	2019	745	102	94	-8.3	0.4	125.6	0.0	0.0	ABCN	Regulator
	6101	1/0ACSR	28.9	12.5	0.0	ABCN	109	59	6	41	2019	745	95	94	1.8	2.2	123.8	25.2	18.2	ABCN	6101
	6102	1/0ACSR	31.5	12.5	0.0	ABCN	34	18	2	39	1885	667	90	94	1.0	3.2	122.8	12.8	9.2	ABCN	6102
	635	1/0ACSR	35.4	12.5	0.0	ABCN	93	-260	13	32	1544	479	73	96	1.2	4.4	121.6	13.5	9.3	ABCN	635
	Capacitor (Wye-Gnd Connected) at Center of Section 635																				
	ABCN : Nominal = 300 kvar Actual = 311 kvar																				
	6361	1/0ACSR	36.4	12.5	0.0	ABCN	2	1	0	24	1070	530	55	90	0.2	4.6	121.4	1.9	1.3	ABCN	6361
	636	1/0ACSR	39.5	12.5	0.0	ABCN	64	35	3	24	1065	528	54	90	0.7	5.3	120.7	5.6	3.7	ABCN	636
	637	1/0ACSR	42.5	12.5	0.0	ABCN	53	29	3	15	656	327	34	90	0.4	5.8	120.2	2.1	1.0	ABCN	637
	6371	1/0ACSR	45.3	12.5	0.0	A N	125	68	20	9	125	68	20	88	0.2	6.3	119.7	0.2	0.1	A N	6371
	6372	1/0ACSR	46.8	12.5	0.0	ABCN	166	59	8	11	476	228	24	90	0.4	6.1	119.9	1.5	0.5	ABCN	6372
	6373	1/0ACSR	51.2	12.5	0.0	ABCN	141	77	8	7	308	167	16	88	0.2	6.4	119.6	0.8	-0.1	ABCN	6373
	6401	1/0ACSR	54.8	12.5	0.0	A N	84	46	13	6	84	46	13	88	0.1	7.3	118.7	0.1	-0.0	A N	6401
	640	4ACSR	57.9	12.5	0.0	A N	81	44	13	9	81	44	13	88	0.4	7.6	118.4	0.3	-0.1	A N	640
	641	4ACSR	43.3	12.5	0.0	A N	6	3	1	37	339	161	52	90	1.9	7.6	118.4	5.3	2.6	A N	641
L	6411	4ACSR	44.8	12.5	0.0	A N	1	0	0	36	328	155	51	90	0.8	8.4	117.6	2.1	1.0	A N	6411
L	6413	4ACSR	51.6	12.5	0.0	A N	89	48	14	28	240	129	39	88	2.1	10.5	115.5	3.8	1.7	A N	6413
L	6414	4ACSR	55.2	12.5	0.0	A N	120	65	20	17	147	79	24	88	0.5	11.0	115.0	0.7	0.2	A N	6414
L	64141	4ACSR	58.0	12.5	0.0	A N	0	0	0	3	27	14	4	89	0.1	11.1	114.9	0.0	-0.1	A N	64141
L	6415	4ACSR	59.2	12.5	0.0	A N	15	8	2	2	15	8	2	88	0.0	11.1	114.9	0.0	-0.0	A N	6415
L	646	4ACSR	65.2	12.5	0.0	A N	12	6	2	1	12	6	2	89	0.1	11.2	114.8	0.0	-0.3	A N	646
L	6412	4ACSR	51.5	12.5	0.0	A N	85	24	13	9	85	24	13	96	0.4	8.8	117.2	0.3	-0.1	A N	6412
	634	4ACSR	41.1	12.5	0.0	A N	144	78	23	41	367	198	57	88	2.6	7.2	118.8	6.8	3.4	A N	634
L	6341	4ACSR	45.1	12.5	0.0	A N	141	77	23	25	216	117	34	88	0.9	8.2	117.8	1.5	0.7	A N	6341
L	6342	4ACSR	55.6	12.5	0.0	A N	73	40	12	8	73	39	12	88	0.6	8.8	117.2	0.4	-0.2	A N	6342
	633	4ACSR	37.9	12.5	0.0	A N	37	20	6	32	295	159	45	88	2.7	6.0	120.0	6.3	3.0	A N	633
	6331	4ACSR	42.1	12.5	0.0	A N	35	19	5	15	129	69	20	88	0.7	6.8	119.2	0.7	0.2	A N	6331
	6334	4ACSR	44.0	12.5	0.0	A N	27	14	4	3	27	14	4	88	0.0	6.8	119.2	0.0	-0.1	A N	6334
	6335	4ACSR	44.5	12.5	0.0	A N	67	36	11	8	67	36	11	88	0.1	6.9	119.1	0.1	-0.0	A N	6335
	6336	4ACSR	40.9	12.5	0.0	A N	56	30	9	14	123	66	19	88	0.4	6.5	119.5	0.4	0.1	A N	6336
	6332	4ACSR	42.4	12.5	0.0	A N	22	12	3	2	22	12	3	88	0.0	6.5	119.5	0.0	-0.1	A N	6332
	6333	4ACSR	43.3	12.5	0.0	A N	45	24	7	5	45	24	7	88	0.1	6.6	119.4	0.1	-0.1	A N	6333
	6788	336ACSR	23.6	12.5	0.0	ABCN	24	13	1	0	24	11	1	91	0.0	5.4	120.6	0.0	-1.8	ABCN	6788
	678	336ACSR	16.4	12.5	0.0	ABCN	0	0	0	3	354	134	17	94	0.1	5.5	120.5	0.1	-0.2	ABCN	678
	6782	336ACSR	19.4	12.5	0.0	ABCN	23	12	1	2	220	61	11	96	0.0	5.5	120.5	0.1	-0.5	ABCN	6782
	6786	336ACSR	22.0	12.5	0.0	ABCN	110	3	5	1	120	8	6	100	0.0	5.5	120.5	0.0	-0.4	ABCN	6786

Clay City Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
6787	4ACSR	23.2	12.5	0.0	AB N	10	5	1	1	10	5	1	89	0.0	5.5	120.5	0.0	-0.1	AB N	6787
6783	4ACSR	21.0	12.5	0.0	A N	10	5	2	9	77	41	12	88	0.2	5.8	120.2	0.1	-0.0	A N	6783
6784	4ACSR	23.2	12.5	0.0	A N	18	10	3	8	67	36	11	88	0.2	6.0	120.0	0.1	-0.0	A N	6784
6785	4ACSR	30.5	12.5	0.0	A N	49	26	8	5	49	26	8	88	0.3	6.3	119.7	0.1	-0.3	A N	6785
6781	4ACSR	19.4	12.5	0.0	A N	134	73	21	15	134	73	21	88	0.3	5.9	120.1	0.4	0.1	A N	6781
5762	4/0ACSR	17.1	12.5	0.0	A N	120	65	19	6	120	65	19	88	0.2	4.7	121.3	0.1	-0.0	A N	5762
5692	6ACWC	7.4	12.5	0.0	A N	93	50	14	10	93	50	14	88	0.3	1.3	124.7	0.2	-0.1	A N	5692
572	6ACWC	7.5	12.5	0.0	A N	103	56	16	11	103	56	16	88	0.3	1.3	124.7	0.3	-0.1	A N	572

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********** Load-Flow Results For Frenchburg Ckt 1 **********
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Frenchburg Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1578	816	78	89			126.0			ABCN	Feeder
	1074	1/0CU	0.6	12.5	0.0	ABCN	53	30	3	25	1578	816	78	89	0.1	0.1	125.9	1.3	1.4	ABCN	1074
	1061	6ACWC	3.2	12.5	0.0	ABCN	28	16	1	54	1523	784	76	89	1.6	1.7	124.3	20.3	6.5	ABCN	1061
	10611	336ACSR	6.2	12.5	0.0	ABCN	4	3	0	14	1475	762	74	89	0.4	2.1	123.9	2.8	5.3	ABCN	10611
	10612	6ACWC	12.3	12.5	0.0	ABCN	44	25	2	53	1468	754	74	89	3.6	5.7	120.3	44.9	14.4	ABCN	10612
	10543	6ACWC	14.0	12.5	0.0	ABCN	0	0	0	49	1310	675	68	89	0.9	6.6	119.4	10.7	3.4	ABCN	10543
	Regulator	1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 10543																			
		ABCN : Tap = 8 RAISE																			
	Regulator		14.0	12.5	0.0	ABCN				68	1299	672	68	89	-6.0	0.6	125.4	0.0	0.0	ABCN	Regulator
	1054	6ACWC	17.4	12.5	0.0	ABCN	58	33	3	46	1299	672	65	89	1.7	2.3	123.7	18.8	5.9	ABCN	1054
	10541	4ACSR	21.1	12.5	0.0	ABCN	55	31	3	44	1222	633	62	89	1.9	4.2	121.8	19.9	6.0	ABCN	10541
	1052	4ACSR	22.2	12.5	0.0	ABCN	27	1	1	39	1066	550	55	89	0.5	4.8	121.2	4.9	1.4	ABCN	1052
	10522	4ACSR	26.9	12.5	0.0	ABCN	15	8	1	37	1012	536	52	88	2.0	6.8	119.2	18.4	5.3	ABCN	10522
L	1040	6ACWC	31.5	12.5	0.0	AB N	45	26	4	36	635	351	51	88	2.0	8.8	117.2	10.5	4.6	AB N	1040
L	10375	4ACSR	39.0	12.5	0.0	AB N	70	40	6	25	427	236	35	88	2.2	11.0	115.0	7.9	2.7	AB N	10375
L	10372	4ACSR	40.3	12.5	0.0	AB N	16	9	1	15	247	137	20	87	0.2	11.2	114.8	0.5	0.1	AB N	10372
L	1037	4ACSR	42.5	12.5	0.0	AB N	24	14	2	13	213	118	18	87	0.3	11.6	114.4	0.6	0.1	AB N	1037
L	10224	4ACSR	43.5	12.5	0.0	A N	0	0	0	22	185	104	31	87	0.3	13.4	112.6	0.5	0.2	A N	10224
L	1022	4ACSR	49.1	12.5	0.0	A N	89	50	15	22	184	104	31	87	1.3	14.7	111.3	1.8	0.7	A N	1022
L	10221	4ACSR	53.7	12.5	0.0	A N	39	22	7	11	94	53	16	87	0.6	15.3	110.7	0.4	0.0	A N	10221
L	10222	4ACSR	58.9	12.5	0.0	A N	33	18	6	4	33	18	6	87	0.1	15.4	110.6	0.0	-0.2	A N	10222
L	10223	4ACSR	61.9	12.5	0.0	A N	21	12	4	3	21	12	4	88	0.2	15.4	110.6	0.0	-0.3	A N	10223
L	10371	4ACSR	45.4	12.5	0.0	A N	17	10	3	2	17	10	3	87	0.1	12.7	113.3	0.0	-0.2	A N	10371
L	10373	4ACSR	45.4	12.5	0.0	A N	66	37	11	8	66	37	11	87	0.4	12.7	113.3	0.2	-0.2	A N	10373
L	10374	4ACSR	44.3	12.5	0.0	A N	34	19	6	4	34	19	6	87	0.2	12.5	113.5	0.0	-0.2	A N	10374
L	712	4ACSR	37.1	12.5	0.0	A N	95	54	16	18	151	85	25	87	0.9	10.6	115.4	1.0	0.3	A N	712
	71200	4ACSR	44.7	12.5	0.0	A N	19	11	3	6	55	30	9	87	0.6	11.2	114.8	0.2	-0.2	A N	71200
L	71201	4ACSR	52.4	12.5	0.0	A N	35	20	6	4	35	20	6	87	0.2	11.4	114.6	0.1	-0.3	A N	71201
	1041	6ACWC	33.5	12.5	0.0	ABCN	106	60	6	13	343	170	18	90	0.8	7.6	118.4	2.5	-0.1	ABCN	1041
	10413	6ACWC	35.9	12.5	0.0	ABCN	43	17	2	7	181	80	9	91	0.2	7.8	118.2	0.2	-0.3	ABCN	10413
	1035	4ACSR	41.7	12.5	0.0	ABCN	67	38	4	4	113	50	6	92	0.2	8.0	118.0	0.3	-0.8	ABCN	1035
L	10351	4ACSR	52.4	12.5	0.0	ABCN	45	13	2	2	45	12	2	97	0.1	8.1	117.9	0.1	-1.6	ABCN	10351
L	1036	6ACWC	39.6	12.5	0.0	A N	16	9	3	3	25	14	4	87	0.1	8.8	117.2	0.0	-0.2	A N	1036
L	10361	6ACWC	43.0	12.5	0.0	A N	9	5	1	1	9	5	1	88	0.0	8.8	117.2	0.0	-0.1	A N	10361
L	10411	6ACWC	38.3	12.5	0.0	A N	25	14	4	6	52	29	8	87	0.3	8.8	117.2	0.1	-0.1	A N	10411
L	10412	6ACWC	45.7	12.5	0.0	A N	27	15	4	3	27	15	4	87	0.2	8.9	117.1	0.0	-0.3	A N	10412
	10521	6ACWC	26.5	12.5	0.0	A N	22	12	3	2	22	12	3	87	0.1	5.3	120.7	0.0	-0.2	A N	10521
	1053	6ACWC	24.6	12.5	0.0	A N	6	4	1	9	80	45	13	87	0.4	5.1	120.9	0.3	-0.0	A N	1053
	10531	6ACWC	28.6	12.5	0.0	A N	14	8	2	2	14	8	2	88	0.0	5.1	120.9	0.0	-0.2	A N	10531
	10532	6ACWC	34.2	12.5	0.0	A N	0	0	0	0	0	-0	0	-88	0.0	5.1	120.9	-0.0	-0.3	A N	10532
	10533	6ACWC	29.8	12.5	0.0	A N	14	8	2	7	59	33	9	87	0.4	5.5	120.5	0.2	-0.1	A N	10533
	10534	6ACWC	35.0	12.5	0.0	A N	46	26	7	5	46	26	7	87	0.2	5.7	120.3	0.1	-0.2	A N	10534
	1060	4ACSR	19.2	12.5	0.0	A N	69	39	11	8	70	39	11	87	0.4	6.3	119.7	0.2	-0.2	A N	1060

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********** Load-Flow Results For Frenchburg Ckt 2 **********
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Frenchburg Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					824	329	39	93			126.0			ABCN	Feeder
1078	397ACSR	3.9	12.5	0.0	ABCN	79	23	4	7	824	329	39	93	0.2	0.2	125.8	0.8	1.1	ABCN	1078
10781	397ACSR	5.9	12.5	0.0	ABCN	58	31	3	6	744	304	36	93	0.1	0.3	125.7	0.4	0.4	ABCN	10781
10782	397ACSR	9.2	12.5	0.0	ABCN	57	18	3	0	57	17	3	96	0.0	0.3	125.7	0.0	-0.7	ABCN	10782
10783	397ACSR	9.7	12.5	0.0	ABCN	26	14	1	5	629	255	30	93	0.2	0.5	125.5	0.5	0.3	ABCN	10783
1072	1/0ACSR	17.2	12.5	0.0	ABCN	65	26	3	12	603	241	29	93	0.9	1.4	124.6	3.6	1.3	ABCN	1072
11101	2ACSR	18.0	12.5	0.0	ABCN	129	70	7	14	535	213	26	93	0.1	1.5	124.5	0.4	0.1	ABCN	11101
11102	2ACSR	25.0	12.5	0.0	A N	48	26	7	4	48	26	7	88	0.2	1.9	124.1	0.1	-0.3	A N	11102
1110	2ACSR	20.7	12.5	0.0	ABCN	42	22	2	9	357	118	17	95	0.3	1.7	124.3	0.7	-0.2	ABCN	1110
1111	4ACSR	23.0	12.5	0.0	ABCN	215	42	10	7	216	42	10	98	0.1	1.8	124.2	0.5	-0.1	ABCN	1111
111101	2ACSR	27.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.4	123.6	0.0	-0.2	A N	111101
11121	4ACSR	21.8	12.5	0.0	A N	1	1	0	11	99	53	15	88	0.2	2.2	123.8	0.1	0.0	A N	11121
1112	4ACSR	29.1	12.5	0.0	A N	97	52	15	11	97	52	15	88	0.5	2.7	123.3	0.4	-0.1	A N	1112

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********** Load-Flow Results For Frenchburg Ckt 3 **********
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Frenchburg Ckt 3

						Section Load				Load Into Section				-- 120V Base --			Losses			
		Phase	Dist	Nom	%V	Phs			Ldg					Volt	Accm	Volt			Phs	
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg	Section
	Feeder			12.5	0.0	ABCN					2080	64	92	100			126.0			ABCN	Feeder
	1073	1/0CU	3.4	12.5	0.0	ABCN	46	26	2	30	2080	64	92	100	0.6	0.6	125.4	9.5	10.9	ABCN	1073
	10731	1/0CU	8.2	12.5	0.0	A N	28	16	4	1	28	15	4	87	0.0	0.7	125.3	0.0	-0.3	A N	10731
	10732	1/0CU	7.8	12.5	0.0	ABCN	207	-242	14	29	1997	11	88	100	0.8	1.4	124.6	11.1	12.7	ABCN	10732
	Capacitor (Wye-Gnd Connected) at Center of Section 10732																				
		ABCN : Nominal = 300 kvar Actual = 326 kvar																			
	1071	2ACSR	10.7	12.5	0.0	ABCN	282	78	13	44	1779	240	80	99	1.2	2.6	123.4	16.2	7.8	ABCN	1071
	10711	2ACSR	11.5	12.5	0.0	ABCN	64	-0	3	37	1481	154	67	99	0.3	2.9	123.1	3.3	1.5	ABCN	10711
	1067	2ACSR	15.2	12.5	0.0	ABCN	308	-92	15	34	1368	127	62	100	1.1	4.0	122.0	11.7	5.6	ABCN	1067
	Capacitor (Wye-Gnd Connected) at Center of Section 1067																				
		ABCN : Nominal = 150 kvar Actual = 156 kvar																			
	10661	2ACSR	17.9	12.5	0.0	ABCN	35	20	2	5	188	103	10	88	0.1	4.2	121.8	0.2	-0.4	ABCN	10661
	10662	2ACSR	23.1	12.5	0.0	A N	56	32	9	5	57	32	9	87	0.2	5.3	120.7	0.1	-0.2	A N	10662
	10663	2ACSR	22.2	12.5	0.0	ABCN	32	18	2	3	96	51	5	88	0.1	4.3	121.7	0.1	-0.7	ABCN	10663
	1066	2ACSR	24.2	12.5	0.0	ABCN	25	14	1	2	64	34	3	88	0.0	4.3	121.7	0.0	-0.3	ABCN	1066
	10669	2ACSR	27.2	12.5	0.0	ABCN	9	5	0	1	39	20	2	89	0.0	4.3	121.7	0.0	-0.5	ABCN	10669
	733	2ACSR	31.1	12.5	0.0	ABCN	13	7	1	1	30	16	2	89	0.0	4.4	121.6	0.0	-0.7	ABCN	733
	73300	2ACSR	37.0	12.5	0.0	ABCN	17	10	1	1	17	9	1	89	0.0	4.4	121.6	0.0	-1.0	ABCN	73300
	1113	6ACWC	22.0	12.5	0.0	ABCN	697	18	33	28	855	107	40	99	1.3	5.3	120.7	18.7	9.5	ABCN	1113
L	748	4ACSR	29.1	12.5	0.0	A N	29	16	5	16	137	75	22	88	1.4	9.5	116.5	1.5	0.5	A N	748
L	74800	4ACSR	41.3	12.5	0.0	A N	28	16	5	3	28	15	5	88	0.3	9.8	116.2	0.1	-0.5	A N	74800
L	74801	4ACSR	32.7	12.5	0.0	A N	7	4	1	9	79	43	13	88	0.4	10.0	116.0	0.3	-0.0	A N	74801
L	749	6ACWC	39.4	12.5	0.0	A N	3	2	1	8	71	39	12	88	0.7	10.7	115.3	0.4	-0.0	A N	749
L	74900	6ACWC	46.5	12.5	0.0	A N	49	27	8	6	49	27	8	87	0.3	11.0	115.0	0.1	-0.2	A N	74900
L	74901	6ACWC	44.8	12.5	0.0	A N	19	11	3	2	19	10	3	88	0.1	10.8	115.2	0.0	-0.2	A N	74901
	1070	4ACSR	17.7	12.5	0.0	A N	44	25	7	5	44	24	7	87	0.2	3.6	122.4	0.1	-0.3	A N	1070

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********** Load-Flow Results For Frenchburg Ckt 4 **********

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Frenchburg Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					2138	969	52	91			126.0			ABCN	Feeder
1080	336ACSR	0.8	24.9	0.0	ABCN	0	0	0	10	2138	969	52	91	0.0	0.0	126.0	0.4	0.1	ABCN	1080
1075	336ACSR	6.3	24.9	0.0	ABCN	19	11	0	10	2137	969	52	91	0.2	0.3	125.7	2.6	0.6	ABCN	1075
10751	4ACSR	11.6	24.9	0.0	A N	9	5	1	0	9	4	1	91	0.0	0.3	125.7	0.0	-1.1	A N	10751
10752	336ACSR	7.6	24.9	0.0	ABCN	8	5	0	10	2106	953	51	91	0.1	0.3	125.7	0.6	0.1	ABCN	10752
10753	4ACSR	9.8	24.9	0.0	A N	13	7	1	1	13	7	1	88	0.0	0.3	125.7	0.0	-0.5	A N	10753
10754	336ACSR	11.3	24.9	0.0	ABCN	24	14	1	10	2085	942	51	91	0.2	0.5	125.5	1.6	0.3	ABCN	10754
1077	1/0ACSR	16.6	24.9	0.0	ABCN	15	9	0	21	2020	908	49	91	0.6	1.1	124.9	8.1	2.1	ABCN	1077
10771	1/0ACSR	19.1	24.9	0.0	ABCN	8	5	0	21	1997	897	49	91	0.3	1.3	124.7	3.8	1.0	ABCN	10771
10772	1/0ACSR	22.4	24.9	0.0	ABCN	1	1	0	21	1986	892	49	91	0.3	1.7	124.3	4.9	1.2	ABCN	10772
1063	2ACSR	29.2	24.9	0.0	ABCN	6	3	0	26	1910	853	47	91	1.0	2.6	123.4	14.3	2.4	ABCN	1063
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1063																				
	ABCN : Tap = 3 RAISE																			
Regulator			29.2	24.9	0.0	ABCN				47	1889	847	47	91	-2.3	0.3	125.5	0.0	0.0	ABCN	Regulator
10632	2ACSR	32.5	24.9	0.0	ABCN	0	-0	0	25	1860	831	45	91	0.4	0.7	125.3	6.4	0.8	ABCN	10632
10641	4ACSR	35.0	24.9	0.0	A N	18	10	1	9	160	86	12	88	0.1	0.9	125.1	0.2	-0.4	A N	10641
1064	4ACSR	39.1	24.9	0.0	A N	1	1	0	8	142	76	11	88	0.2	1.1	124.9	0.2	-0.7	A N	1064
1055	4ACSR	44.3	24.9	0.0	A N	53	30	4	8	140	76	11	88	0.2	1.4	124.6	0.2	-0.9	A N	1055
10551	4ACSR	46.3	24.9	0.0	A N	11	6	1	1	11	6	1	88	0.0	1.4	124.6	0.0	-0.4	A N	10551
10552	4ACSR	46.7	24.9	0.0	A N	17	10	1	4	77	41	6	88	0.1	1.4	124.6	0.0	-0.5	A N	10552
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 10552																				
Transformer			46.7	12.4	0.0	A N				20	60	32	5	88	0.0	1.4	124.6	0.0	0.0	A N	Transformer
1056	4ACSR	55.2	12.4	0.0	A N	8	5	1	6	60	32	9	88	0.7	2.1	123.9	0.3	-0.3	A N	1056
1050	4ACSR	60.7	12.4	0.0	A N	2	1	0	2	16	8	2	90	0.1	2.3	123.7	0.0	-0.3	A N	1050
10501	4ACSR	67.4	12.4	0.0	A N	14	8	2	2	14	8	2	88	0.1	2.3	123.7	0.0	-0.3	A N	10501
10502	4ACSR	63.9	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.3	123.7	0.0	-0.2	A N	10502
105021	4ACSR	66.7	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.3	123.7	0.0	-0.1	A N	105021
10503	4ACSR	73.4	12.4	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	2.3	123.7	0.0	-0.3	A N	10503
10504	4ACSR	81.8	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.3	123.7	0.0	-0.4	A N	10504
1051	4ACSR	60.4	12.4	0.0	A N	6	3	1	4	35	20	5	87	0.3	2.4	123.6	0.1	-0.2	A N	1051
10511	4ACSR	64.6	12.4	0.0	A N	7	4	1	1	7	4	1	88	0.0	2.4	123.6	0.0	-0.2	A N	10511
10512	4ACSR	64.0	12.4	0.0	A N	22	13	3	2	22	13	3	87	0.1	2.5	123.5	0.0	-0.2	A N	10512
1065	1/0ACSR	33.6	24.9	0.0	ABCN	6	3	0	18	1694	744	41	92	0.1	0.8	125.2	1.2	0.1	ABCN	1065
10651	2ACSR	37.4	24.9	0.0	A N	5	3	0	0	5	2	0	92	0.0	0.9	125.1	0.0	-0.8	A N	10651
10652	1/0ACSR	41.3	24.9	0.0	ABCN	27	5	1	18	1682	738	41	92	0.7	1.5	124.5	8.1	0.3	ABCN	10652
10653	4/0ACSR	42.9	24.9	0.0	ABCN	-0	-0	0	12	1647	733	40	91	0.1	1.6	124.4	0.9	-0.1	ABCN	10653
1133	2ACSR	45.5	24.9	0.0	ABCN	19	11	0	22	1646	733	40	91	0.3	1.9	124.1	4.0	0.2	ABCN	1133
11331	2ACSR	47.0	24.9	0.0	ABCN	44	26	1	22	1623	722	40	91	0.2	2.1	123.9	2.3	0.1	ABCN	11331
11332	4ACSR	53.5	24.9	0.0	A N	15	8	1	1	15	7	1	90	0.0	2.2	123.8	0.0	-1.3	A N	11332
11333	2ACSR	48.9	24.9	0.0	ABCN	3	-158	4	21	1562	689	38	91	0.2	2.3	123.7	2.8	0.1	ABCN	11333
Capacitor (Wye-Gnd Connected) at Center of Section 11333																				
	ABCN : Nominal = 150 kvar Actual = 160 kvar																			
11341	2ACSR	49.9	24.9	0.0	ABCN	13	8	0	14	952	512	24	88	0.1	2.4	123.6	0.6	-0.4	ABCN	11341
11343	2ACSR	50.4	24.9	0.0	ABCN	8	5	0	13	908	488	23	88	0.0	2.4	123.6	0.2	-0.2	ABCN	11343
11345	2ACSR	51.7	24.9	0.0	ABCN	-0	0	0	11	761	404	19	88	0.1	2.5	123.5	0.5	-0.7	ABCN	11345
11347	2ACSR	54.3	24.9	0.0	ABCN	62	26	2	10	716	380	18	88	0.1	2.6	123.4	0.8	-1.5	ABCN	11347
11349	2ACSR	55.8	24.9	0.0	ABCN	29	5	1	8	572	310	15	88	0.1	2.7	123.3	0.3	-0.9	ABCN	11349
1058	2ACSR	56.6	24.9	0.0	ABCN	2	1	0	8	543	306	14	87	0.0	2.7	123.3	0.2	-0.5	ABCN	1058
10581	4ACSR	59.5	24.9	0.0	A N	51	29	4	3	51	29	4	87	0.0	2.8	123.2	0.0	-0.5	A N	10581
10582	2ACSR	57.1	24.9	0.0	ABCN	50	29	1	7	490	277	13	87	0.0	2.8	123.2	0.1	-0.3	ABCN	10582
1057	4ACSR	62.3	24.9	0.0	A N	29	17	2	18	331	187	26	87	0.6	3.5	122.5	1.7	-0.1	A N	1057
10572	4ACSR	62.7	24.9	0.0	A N	4	2	0	13	233	132	18	87	0.0	3.5	122.5	0.1	-0.0	A N	10572
10573	4ACSR	66.2	24.9	0.0	A N	108	62	8	6	108	62	8	87	0.1	3.6	122.4	0.1	-0.7	A N	10573
10574	4ACSR	67.5	24.9	0.0	A N	90	52	7	5	90	51	7	87	0.1	3.6	122.4	0.1	-0.9	A N	10574
10575	4ACSR	64.9	24.9	0.0	A N	31	18	2	2	31	18	2	87	0.0	3.5	122.5	0.0	-0.4	A N	10575
10571	4ACSR	65.4	24.9	0.0	A N	68	39	5	4	68	38	5	87	0.0	3.5	122.5	0.0	-0.6	A N	10571
1136	4ACSR	61.4	24.9	0.0	A N	67	39	5	6	109	61	8	87	0.1	3.0	123.0	0.1	-0.8	A N	1136
11361	4ACSR	65.6	24.9	0.0	A N	42	24	3	2	42	23	3	87	0.0	3.0	123.0	0.0	-0.8	A N	11361
11348	4ACSR	60.6	24.9	0.0	A N	81	47	6	4	81	45	6	87	0.1	2.8	123.2	0.1	-1.2	A N	11348
11346	4ACSR	54.5	24.9	0.0	A N	45	26	3	2	45	25	3	87	0.0	2.6	123.4	0.0	-0.5	A N	11346
11344	4ACSR	54.5	24.9	0.0	A N	138	79	11	8	138	79	11	87	0.1	2.6	123.4	0.1	-0.7	A N	11344

Frenchburg Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	11342	4ACSR	52.8	24.9	0.0	A N	30	17	2	2	30	17	2	87	0.0	2.5	123.5	0.0	-0.6	A N	11342
	1135	4ACSR	53.1	24.9	0.0	A N	52	30	4	33	604	335	47	87	0.9	3.3	122.7	4.5	1.5	A N	1135
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1135																				
	A N : Tap = 5 RAISE																				
H	Regulator		53.1	24.9	0.0	A N				43	547	303	43	87	-3.8	-0.5	126.3	0.0	0.0	A N	Regulator
H	11357	4ACSR	54.3	24.9	0.0	A N	8	4	1	28	516	286	39	87	0.2	-0.3	126.3	1.0	0.3	A N	11357
H	11358	4ACSR	55.0	24.9	0.0	A N	7	4	1	21	384	211	29	88	0.1	-0.2	126.2	0.3	0.0	A N	11358
	11354	4ACSR	58.7	24.9	0.0	A N	47	27	4	17	323	178	24	88	0.4	0.2	125.8	1.0	-0.2	A N	11354
	11356	4ACSR	64.0	24.9	0.0	A N	43	25	3	12	219	119	17	88	0.4	0.6	125.4	0.6	-0.8	A N	11356
	1140	4ACSR	65.8	24.9	0.0	A N	44	25	3	6	105	59	8	87	0.1	0.7	125.3	0.0	-0.3	A N	1140
	11402	4ACSR	68.8	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.7	125.3	0.0	-0.6	A N	11402
	11401	4ACSR	70.8	24.9	0.0	A N	61	35	5	3	61	34	5	87	0.1	0.7	125.3	0.0	-1.0	A N	11401
	1137	4ACSR	67.5	24.9	0.0	A N	26	15	2	4	69	36	5	89	0.1	0.7	125.3	0.0	-0.7	A N	1137
	11371	4ACSR	73.4	24.9	0.0	A N	18	10	1	1	18	9	1	89	0.0	0.7	125.3	0.0	-1.2	A N	11371
	11372	4ACSR	70.0	24.9	0.0	A N	18	11	1	1	26	13	2	89	0.0	0.7	125.3	0.0	-0.5	A N	11372
	11373	4ACSR	73.1	24.9	0.0	A N	3	2	0	0	3	1	0	94	0.0	0.7	125.3	0.0	-0.6	A N	11373
	11374	4ACSR	72.9	24.9	0.0	A N	5	3	0	0	5	2	0	91	0.0	0.7	125.3	0.0	-0.6	A N	11374
	11355	4ACSR	62.6	24.9	0.0	A N	57	33	4	3	57	32	4	87	0.0	0.3	125.7	0.0	-0.8	A N	11355
H	11353	4ACSR	62.1	24.9	0.0	A N	53	30	4	3	53	29	4	88	0.1	-0.1	126.1	0.0	-1.4	A N	11353
H	11352	4ACSR	60.0	24.9	0.0	A N	123	71	9	7	124	70	9	87	0.1	-0.2	126.2	0.1	-1.1	A N	11352
H	11351	4ACSR	56.0	24.9	0.0	A N	31	18	2	2	31	17	2	87	0.0	-0.5	126.5	0.0	-0.6	A N	11351
	10631	2ACSR	34.0	24.9	0.0	A N	29	17	2	1	29	16	2	88	0.0	0.3	125.7	0.0	-1.0	A N	10631
	1062	4ACSR	28.8	24.9	0.0	A N	38	22	3	4	70	37	5	88	0.1	1.8	124.2	0.1	-1.2	A N	1062
	10621	4ACSR	36.3	24.9	0.0	A N	32	18	2	2	32	17	2	88	0.0	1.9	124.1	0.0	-1.5	A N	10621
	1076	4ACSR	13.7	24.9	0.0	A N	6	4	0	2	39	20	3	89	0.0	0.5	125.5	0.0	-0.5	A N	1076
	10761	6ACWC	19.4	24.9	0.0	A N	25	14	2	1	25	13	2	88	0.0	0.6	125.4	0.0	-1.1	A N	10761
	10762	4ACSR	19.6	24.9	0.0	A N	7	4	1	0	7	3	1	92	0.0	0.5	125.5	0.0	-1.2	A N	10762

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********** Load-Flow Results For Hope Ckt 1 **********
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Hope Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					162	48	7	96			126.0			ABCN	Feeder
710	1/0CU	6.1	12.5	0.0	ABCN	101	32	5	2	162	48	7	96	0.1	0.1	125.9	0.1	-1.0	ABCN	710
7101	1/0CU	11.8	12.5	0.0	ABCN	42	13	2	1	61	17	3	96	0.0	0.1	125.9	0.0	-1.0	ABCN	7101
7102	1/0CU	15.1	12.5	0.0	ABCN	19	6	1	0	19	5	1	96	0.0	0.1	125.9	0.0	-0.6	ABCN	7102

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********** Load-Flow Results For Hope Ckt 2 **********
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Hope Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1680	461	77	96			126.0			ABCN	Feeder
	717	1/0CU	4.9	12.5	0.0	ABCN	307	50	14	25	1680	461	77	96	0.8	0.8	125.2	8.8	9.9	ABCN	717
	7171	1/0CU	7.9	12.5	0.0	ABCN	80	22	4	20	1364	401	63	96	0.5	1.3	124.7	3.9	4.2	ABCN	7171
	718	1/0CU	12.1	12.5	0.0	ABCN	48	13	2	19	1280	375	59	96	0.6	1.9	124.1	5.0	5.2	ABCN	718
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 718																				
	ABCN : Tap = 2 RAISE																				
	Regulator		12.1	12.5	0.0	ABCN				57	1227	357	57	96	-1.6	0.4	125.6	-0.0	0.0	ABCN	Regulator
	7181	1/0CU	12.7	12.5	0.0	ABCN	15	4	1	18	1227	357	57	96	0.1	0.5	125.5	0.7	0.7	ABCN	7181
	7182	6ACWC	20.8	12.5	0.0	A N	62	17	9	6	62	17	9	97	0.3	1.1	124.9	0.1	-0.3	A N	7182
	7183	1/0CU	13.6	12.5	0.0	ABCN	20	5	1	17	1150	335	53	96	0.1	0.6	125.4	0.9	0.9	ABCN	7183
	722	1/0CU	16.5	12.5	0.0	ABCN	50	14	2	5	361	99	17	96	0.1	0.7	125.3	0.2	-0.2	ABCN	722
	7221	1/0CU	21.2	12.5	0.0	ABCN	25	7	1	5	310	85	14	96	0.2	0.8	125.2	0.3	-0.5	ABCN	7221
	7282	1/0CU	24.3	12.5	0.0	ABCN	27	7	1	0	27	7	1	97	0.0	0.8	125.2	0.0	-0.6	ABCN	7282
	723	6ACWC	27.7	12.5	0.0	A N	39	11	5	26	258	71	36	96	2.0	3.2	122.8	3.5	1.8	A N	723
	7230	6ACWC	35.6	12.5	0.0	A N	62	17	9	22	215	59	30	96	1.9	5.1	120.9	2.7	1.2	A N	7230
	7231	6ACWC	41.7	12.5	0.0	A N	25	7	4	3	25	6	4	97	0.1	5.2	120.8	0.0	-0.3	A N	7231
	7232	6ACWC	45.2	12.5	0.0	A N	125	34	18	13	126	34	18	97	0.8	5.8	120.2	0.7	0.0	A N	7232
C	721	6ACWC	18.6	12.5	0.0	A N	33	9	5	76	766	227	106	96	4.7	5.6	120.4	26.2	15.4	A N	721
	7211	6ACWC	20.9	12.5	0.0	A N	29	8	4	73	707	203	102	96	2.1	7.7	118.3	11.0	6.5	A N	7211
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7211																				
	A N : Tap = 10 RAISE																				
C	Regulator		20.9	12.5	0.0	A N				98	667	188	98	96	-7.4	0.3	125.7	0.0	0.0	A N	Regulator
	7212	6ACWC	24.5	12.5	0.0	A N	26	7	4	64	654	185	90	96	2.9	3.2	122.8	13.8	8.1	A N	7212
	7213	6ACWC	28.0	12.5	0.0	A N	132	36	19	13	132	36	19	96	0.3	3.5	122.5	0.3	0.0	A N	7213
	7214	6ACWC	24.8	12.5	0.0	A N	0	0	0	49	483	134	68	96	0.2	3.4	122.6	0.8	0.4	A N	7214
	7215	6ACWC	27.6	12.5	0.0	A N	27	7	4	3	27	7	4	97	0.0	3.5	122.5	0.0	-0.1	A N	7215
	7216	6ACWC	28.6	12.5	0.0	A N	77	21	11	46	455	127	64	96	2.0	5.5	120.5	6.5	3.7	A N	7216
	7217	6ACWC	31.0	12.5	0.0	A N	5	1	1	38	371	102	53	96	1.1	6.6	119.4	3.2	1.8	A N	7217
	7218	6ACWC	35.2	12.5	0.0	A N	120	33	17	12	121	33	17	97	0.3	6.9	119.1	0.3	-0.0	A N	7218
	7219	6ACWC	31.8	12.5	0.0	A N	0	0	0	25	242	66	35	97	0.2	6.9	119.1	0.4	0.2	A N	7219
	1746	6ACWC	36.0	12.5	0.0	A N	157	43	23	16	158	43	23	96	0.4	7.3	118.7	0.5	0.1	A N	1746
	7145	6ACWC	34.4	12.5	0.0	A N	59	16	9	9	84	23	12	97	0.2	7.0	119.0	0.1	-0.1	A N	7145
	7143	6ACWC	35.5	12.5	0.0	A N	5	1	1	0	5	1	1	97	0.0	7.0	119.0	0.0	-0.1	A N	7143
	7144	6ACWC	37.0	12.5	0.0	A N	20	5	3	2	20	5	3	97	0.0	7.1	118.9	0.0	-0.1	A N	7144
	7210	6ACWC	26.2	12.5	0.0	A N	13	4	2	1	13	3	2	97	0.0	0.3	125.7	0.0	-0.3	A N	7210

********** Load-Flow Results For Hope Ckt 3 **********

Hope Ckt 3							Section Load				Load Into Section				-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf							
	Feeder			12.5	0.0	ABCN					2524	584	114	97			126.0			ABCN	Feeder
C	707	6ACWC	4.9	12.5	0.0	ABCN	87	25	4	82	2524	584	114	97	4.4	4.4	121.6	85.0	28.4	ABCN	707
C	706	6ACWC	8.6	12.5	0.0	ABCN	16	5	1	77	2288	512	107	98	3.3	7.7	118.3	59.6	19.9	ABCN	706
L	6722	4ACSR	15.3	12.5	0.0	A N	28	8	4	38	361	107	53	96	3.3	11.2	114.8	9.3	4.6	A N	6722
L	672	6ACWC	22.1	12.5	0.0	A N	80	23	12	33	303	88	46	96	2.5	13.7	112.3	5.3	2.9	A N	672
L	659	4ACSR	23.9	12.5	0.0	A N	16	5	2	24	217	62	34	96	0.6	14.3	111.7	1.0	0.5	A N	659
L	671	4ACSR	29.1	12.5	0.0	A N	20	6	3	15	136	39	21	96	1.0	15.3	110.7	1.0	0.3	A N	671
L	6712	4ACSR	33.0	12.5	0.0	A N	6	2	1	13	114	32	18	96	0.7	15.9	110.1	0.6	0.2	A N	6712
L	6713	4ACSR	37.5	12.5	0.0	A N	27	8	4	12	107	30	17	96	0.7	16.6	109.4	0.5	0.1	A N	6713
L	658	4ACSR	40.2	12.5	0.0	A N	53	15	8	9	79	22	13	96	0.2	16.8	109.2	0.1	-0.0	A N	658
L	654	4ACSR	48.1	12.5	0.0	A N	24	7	4	3	24	7	4	96	0.1	17.0	109.0	0.0	-0.3	A N	654
L	6581	4ACSR	46.9	12.5	0.0	A N	2	1	0	0	2	0	0	99	0.0	16.8	109.2	-0.0	-0.3	A N	6581
L	670	4ACSR	29.3	12.5	0.0	A N	53	15	8	7	65	18	10	96	0.3	14.6	111.4	0.1	-0.1	A N	670
L	6701	4ACSR	36.2	12.5	0.0	A N	12	3	2	1	12	3	2	97	0.1	14.7	111.3	0.0	-0.3	A N	6701
L	6721	4ACSR	23.2	12.5	0.0	A N	20	6	3	2	20	5	3	96	0.1	11.4	114.6	0.0	-0.3	A N	6721
L	709	6ACWC	12.1	12.5	0.0	ABCN	27	8	1	63	1851	381	89	98	2.5	10.2	115.8	37.8	12.5	ABCN	709
L	7091	6ACWC	16.5	12.5	0.0	ABCN	52	15	3	62	1786	360	87	98	3.0	13.2	112.8	44.8	14.8	ABCN	7091
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 7091																				
		ABCN : Tap = 16 RAISE																			
C	Regulator			16.5	12.5	0.0 ABCN				85	1689	331	85	98	-11.3	1.9	124.1	0.0	0.0	ABCN	Regulator
	705	6ACWC	19.8	12.5	0.0	ABCN	67	-138	7	55	1689	330	77	98	2.0	3.9	122.1	26.4	8.6	ABCN	705
	Capacitor (Wye-Gnd Connected) at Center of Section 705																				
		ABCN : Nominal = 150 kvar Actual = 158 kvar																			
	704	6ACWC	22.6	12.5	0.0	ABCN	15	4	1	26	778	227	37	96	0.8	4.8	121.2	5.2	1.3	ABCN	704
	7041	6ACWC	23.8	12.5	0.0	ABCN	3	1	0	10	297	84	14	96	0.1	4.9	121.1	0.3	-0.1	ABCN	7041
	4721	6ACWC	26.0	12.5	0.0	ABCN	-0	0	0	6	185	52	9	96	0.2	5.1	120.9	0.2	-0.3	ABCN	4721
	472	6ACWC	30.5	12.5	0.0	ABCN	83	24	4	6	184	52	9	96	0.2	5.3	120.7	0.4	-0.5	ABCN	472
	471	4ACSR	36.1	12.5	0.0	A N	43	12	6	10	101	29	15	96	0.6	6.7	119.3	0.4	-0.0	A N	471
	4711	4ACSR	42.3	12.5	0.0	A N	57	17	8	6	57	16	8	96	0.3	6.9	119.1	0.1	-0.2	A N	4711
	708	6ACWC	29.0	12.5	0.0	ABCN	56	16	3	4	108	30	5	96	0.2	5.1	120.9	0.2	-0.8	ABCN	708
	703	4ACSR	36.2	12.5	0.0	A N	52	15	8	5	52	15	8	96	0.3	6.0	120.0	0.1	-0.3	A N	703
L	473	4ACSR	28.5	12.5	0.0	A N	80	23	12	47	460	136	66	96	3.5	8.8	117.2	11.5	5.8	A N	473
L	4731	4ACSR	32.7	12.5	0.0	A N	76	22	11	39	368	107	55	96	2.0	10.8	115.2	5.4	2.7	A N	4731
L	4732	4ACSR	33.3	12.5	0.0	A N	13	4	2	31	287	83	43	96	0.2	11.1	114.9	0.5	0.3	A N	4732
L	4733	4ACSR	33.8	12.5	0.0	A N	0	0	0	17	159	45	24	96	0.1	11.2	114.8	0.2	0.1	A N	4733
L	474	4ACSR	41.0	12.5	0.0	A N	72	21	11	8	73	21	11	96	0.4	11.6	114.4	0.2	-0.2	A N	474
L	475	4ACSR	41.4	12.5	0.0	A N	85	25	13	9	86	25	13	96	0.5	11.7	114.3	0.3	-0.1	A N	475
L	4734	4ACSR	36.5	12.5	0.0	A N	114	33	17	12	114	33	17	96	0.3	11.3	114.7	0.2	-0.0	A N	4734
C	713	6ACWC	22.7	12.5	0.0	A N	44	13	6	83	814	231	116	96	3.0	7.4	118.6	18.0	10.7	A N	713
L	715	4ACSR	28.6	12.5	0.0	A N	145	42	22	39	376	98	55	97	2.5	10.0	116.0	6.5	3.1	A N	715
L	7151	4ACSR	33.9	12.5	0.0	A N	32	9	5	24	225	52	33	97	1.6	11.6	114.4	2.7	1.2	A N	7151
L	7153	4ACSR	35.5	12.5	0.0	A N	31	9	5	9	79	22	12	96	0.1	11.7	114.3	0.1	-0.0	A N	7153
L	7154	4ACSR	39.7	12.5	0.0	A N	39	11	6	4	39	11	6	96	0.1	11.8	114.2	0.0	-0.2	A N	7154
L	7155	4ACSR	37.0	12.5	0.0	A N	8	2	1	1	8	2	1	96	0.0	11.7	114.3	-0.0	-0.1	A N	7155
L	720	4ACSR	39.4	12.5	0.0	A N	111	20	17	12	112	20	17	98	0.4	12.0	114.0	0.4	-0.0	A N	720
L	714	4ACSR	29.4	12.5	0.0	A N	146	42	22	39	375	110	55	96	2.9	10.4	115.6	7.4	3.6	A N	714
L	7140	4ACSR	33.3	12.5	0.0	A N	76	22	11	12	115	33	17	96	0.4	10.8	115.2	0.3	0.0	A N	7140
L	7142	4ACSR	38.2	12.5	0.0	A N	39	11	6	4	39	11	6	96	0.1	10.9	115.1	0.0	-0.2	A N	7142
L	7141	4ACSR	31.7	12.5	0.0	A N	107	31	16	11	107	31	16	96	0.2	10.5	115.5	0.1	-0.0	A N	7141
	716	4ACSR	8.7	12.5	0.0	A N	16	5	2	7	64	18	9	96	0.3	4.9	121.1	0.1	-0.1	A N	716
	7161	4ACSR	13.5	12.5	0.0	A N	48	14	7	5	48	14	7	96	0.2	5.1	120.9	0.1	-0.2	A N	7161

********** Load-Flow Results For Hunt Ckt 1 **********

Hunt Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					3145	1010	73	95			126.0			ABCN	Feeder
300	397ACSR	6.0	24.9	0.0	ABCN	63	29	2	12	3145	1010	73	95	0.3	0.3	125.7	4.6	6.0	ABCN	300
30001	397ACSR	7.7	24.9	0.0	ABCN	9	4	0	12	3077	975	71	95	0.1	0.4	125.6	1.3	1.7	ABCN	30001
30003	397ACSR	13.1	24.9	0.0	ABCN	26	12	1	12	3049	962	71	95	0.3	0.6	125.4	3.9	4.9	ABCN	30003
30004	397ACSR	18.0	24.9	0.0	ABCN	49	22	1	12	3019	945	70	95	0.2	0.9	125.1	3.5	4.3	ABCN	30004
267	397ACSR	20.3	24.9	0.0	ABCN	21	9	1	11	2867	874	67	96	0.1	1.0	125.0	1.5	1.6	ABCN	267
26701	4ACSR	23.3	24.9	0.0	A N	33	15	2	2	33	15	2	91	0.0	1.0	125.0	0.0	-0.6	A N	26701
26702	397ACSR	22.0	24.9	0.0	ABCN	12	5	0	11	2811	848	65	96	0.1	1.1	124.9	1.1	1.2	ABCN	26702
266	4ACSR	24.1	24.9	0.0	ABCN	4	2	0	12	712	309	17	92	0.2	1.2	124.8	0.9	-1.1	ABCN	266
26601	4ACSR	25.7	24.9	0.0	ABCN	30	14	1	12	708	309	17	92	0.1	1.3	124.7	0.7	-0.9	ABCN	26601
260	4ACSR	28.6	24.9	0.0	A N	3	2	0	4	74	32	5	92	0.1	1.4	124.6	0.0	-0.6	A N	260
26001	4ACSR	34.1	24.9	0.0	A N	43	20	3	2	43	19	3	92	0.0	1.5	124.5	0.0	-1.1	A N	26001
26002	4ACSR	32.1	24.9	0.0	A N	28	13	2	1	28	12	2	92	0.0	1.5	124.5	0.0	-0.7	A N	26002
261	4ACSR	27.5	24.9	0.0	ABCN	7	3	0	10	602	264	15	92	0.1	1.4	124.6	0.6	-1.1	ABCN	261
26101	4ACSR	28.0	24.9	0.0	ABCN	-0	0	0	9	534	234	13	92	0.0	1.5	124.5	0.1	-0.3	ABCN	26101
257	4ACSR	30.7	24.9	0.0	ABCN	93	43	2	3	148	63	4	92	0.0	1.5	124.5	0.1	-1.9	ABCN	257
25701	4ACSR	33.3	24.9	0.0	ABCN	34	16	1	1	55	22	1	93	0.0	1.5	124.5	0.0	-1.8	ABCN	25701
25702	4ACSR	35.0	24.9	0.0	ABCN	21	9	1	0	21	8	0	93	0.0	1.5	124.5	0.0	-1.1	ABCN	25702
62	4ACSR	34.5	24.9	0.0	A N	42	19	3	20	386	171	28	91	0.9	2.4	123.6	2.5	0.0	A N	62
6201	4ACSR	39.2	24.9	0.0	A N	24	11	2	1	24	10	2	92	0.0	2.4	123.6	0.0	-0.9	A N	6201
6202	4ACSR	36.3	24.9	0.0	A N	34	15	3	5	91	41	7	91	0.1	2.4	123.6	0.0	-0.3	A N	6202
6203	4ACSR	39.8	24.9	0.0	A N	58	26	4	3	58	26	4	91	0.0	2.5	123.5	0.0	-0.7	A N	6203
6204	4ACSR	40.1	24.9	0.0	A N	127	58	9	12	226	101	17	91	0.3	2.7	123.3	0.5	-0.8	A N	6204
6205	4ACSR	48.1	24.9	0.0	A N	58	26	4	3	58	25	4	92	0.1	2.8	123.2	0.0	-1.5	A N	6205
6206	4ACSR	43.1	24.9	0.0	A N	41	19	3	2	41	18	3	91	0.0	2.7	123.3	0.0	-0.6	A N	6206
26102	4ACSR	29.6	24.9	0.0	A N	61	28	5	3	61	28	5	91	0.0	1.5	124.5	0.0	-0.4	A N	26102
270	397ACSR	28.7	24.9	0.0	ABCN	6	3	0	8	2086	532	48	97	0.2	1.3	124.7	2.2	-0.2	ABCN	270
262	397ACSR	34.8	24.9	0.0	ABCN	94	-280	7	8	2025	508	47	97	0.2	1.5	124.5	2.0	-0.5	ABCN	262
Capacitor (Wye-Gnd Connected) at Center of Section 262																				
	ABCN : Nominal = 300 kvar Actual = 324 kvar																			
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 262																				
	ABCN : Tap = 1 RAISE																			
Regulator			34.8	24.9	0.0	ABCN				47	1929	788	47	93	-0.8	0.7	125.1	0.0	0.0	ABCN	Regulator
2621	397ACSR	35.8	24.9	0.0	ABCN	4	2	0	7	1665	671	40	93	0.0	0.7	125.3	0.2	-0.3	ABCN	2621
252	397ACSR	40.1	24.9	0.0	ABCN	26	12	1	4	1028	391	24	93	0.1	0.8	125.2	0.4	-2.8	ABCN	252
2521	4ACSR	41.3	24.9	0.0	ABCN	6	3	0	17	1002	382	24	93	0.1	0.9	125.1	1.1	-0.6	ABCN	2521
236	4ACSR	45.3	24.9	0.0	ABCN	53	25	1	2	112	45	3	93	0.0	1.0	125.0	0.0	-2.7	ABCN	236
235	4ACSR	47.7	24.9	0.0	ABCN	27	13	1	1	58	23	1	93	0.0	1.0	125.0	0.0	-1.7	ABCN	235
2351	4ACSR	49.7	24.9	0.0	ABCN	1	1	0	0	1	-1	0	-89	0.0	1.0	125.0	0.0	-1.4	ABCN	2351
2352	4ACSR	50.9	24.9	0.0	A N	29	13	2	2	29	13	2	92	0.0	1.1	124.9	0.0	-0.7	A N	2352
2522	4ACSR	41.8	24.9	0.0	ABCN	44	9	1	15	882	334	21	94	0.0	1.0	125.0	0.3	-0.2	ABCN	2522
237	2ACSR	44.1	24.9	0.0	ABCN	25	11	1	11	838	325	20	93	0.1	1.1	124.9	0.9	-1.3	ABCN	237
2372	2ACSR	45.8	24.9	0.0	ABCN	5	2	0	10	768	296	18	93	0.1	1.2	124.8	0.5	-0.9	ABCN	2372
2373	336ACSR	46.6	24.9	0.0	ABCN	0	0	0	3	762	294	18	93	0.0	1.2	124.8	0.0	-0.6	ABCN	2373
2375	336ACSR	50.5	24.9	0.0	ABCN	7	3	0	3	709	271	17	93	0.1	1.3	124.7	0.2	-2.9	ABCN	2375
2376	2ACSR	52.3	24.9	0.0	ABCN	5	2	0	9	702	271	17	93	0.1	1.3	124.7	0.5	-1.0	ABCN	2376
231	2ACSR	52.6	24.9	0.0	ABCN	6	3	0	1	97	36	2	94	0.0	1.3	124.7	0.0	-0.3	ABCN	231
2311	4ACSR	60.3	24.9	0.0	A N	64	29	5	3	64	28	5	92	0.1	1.5	124.5	0.0	-1.5	A N	2311
2312	2ACSR	62.6	24.9	0.0	ABCN	27	12	1	0	27	5	1	98	0.0	1.4	124.6	0.0	-7.2	ABCN	2312
241	1/0ACSR	57.0	24.9	0.0	ABCN	95	44	2	6	600	234	14	93	0.1	1.5	124.5	0.6	-3.1	ABCN	241
242	4ACSR	58.6	24.9	0.0	A N	24	11	2	5	105	44	8	92	0.1	1.6	124.4	0.0	-0.3	A N	242
2421	4ACSR	61.4	24.9	0.0	A N	6	3	0	4	81	33	6	93	0.1	1.7	124.3	0.0	-0.5	A N	2421
2422	4ACSR	67.1	24.9	0.0	A N	9	4	1	0	9	3	1	95	0.0	1.7	124.3	0.0	-1.1	A N	2422
2423	4ACSR	67.9	24.9	0.0	A N	23	10	2	3	66	28	5	92	0.1	1.8	124.2	0.1	-1.3	A N	2423
2424	4ACSR	74.1	24.9	0.0	A N	44	20	3	2	44	19	3	92	0.0	1.9	124.1	0.0	-1.2	A N	2424
253	1/0ACSR	59.3	24.9	0.0	ABCN	3	1	0	4	400	150	10	94	0.0	1.5	124.5	0.1	-1.6	ABCN	253
2531	1/0ACSR	60.0	24.9	0.0	ABCN	75	8	2	1	75	7	2	100	0.0	1.5	124.5	0.0	-0.5	ABCN	2531
2532	4ACSR	61.8	24.9	0.0	A N	28	13	2	13	244	109	18	91	0.2	1.8	124.2	0.4	-0.3	A N	2532
254	4ACSR	64.6	24.9	0.0	A N	44	20	3	2	44	20	3	91	0.0	1.9	124.1	0.0	-0.5	A N	254
265	4ACSR	66.1	24.9	0.0	A N	60	28	4	9	172	77	13	91	0.2	2.1	123.9	0.3	-0.7	A N	265
2651	4ACSR	69.0	24.9	0.0	A N	85	39	6	6	111	50	8	91	0.1	2.1	123.9	0.1	-0.5	A N	2651

Hunt Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
276	4ACSR	71.0	24.9	0.0	A N	26	12	2	1	26	12	2	91	0.0	2.2	123.8	0.0	-0.4	A N	276
2761	4ACSR	71.2	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.0	A N	2761
264	4ACSR	63.9	24.9	0.0	A N	28	13	2	4	78	34	6	92	0.1	1.7	124.3	0.1	-0.9	A N	264
2641	4ACSR	68.8	24.9	0.0	A N	50	23	4	3	50	22	4	92	0.0	1.8	124.2	0.0	-1.0	A N	2641
2374	4ACSR	50.6	24.9	0.0	A N	53	24	4	3	53	24	4	91	0.0	1.3	124.7	0.0	-0.8	A N	2374
2371	4ACSR	49.2	24.9	0.0	A N	45	20	3	2	45	19	3	92	0.0	1.2	124.8	0.0	-1.0	A N	2371
263	4ACSR	42.4	24.9	0.0	A N	86	40	6	33	633	278	46	92	1.4	2.2	123.8	6.5	2.1	A N	263
2631	4ACSR	46.8	24.9	0.0	A N	51	23	4	23	445	195	33	92	0.7	2.9	123.1	2.2	0.3	A N	2631
273	4ACSR	49.3	24.9	0.0	A N	9	4	1	21	391	172	29	92	0.4	3.2	122.8	1.1	0.1	A N	273
3031	4ACSR	51.2	24.9	0.0	A N	2	1	0	15	281	125	21	91	0.2	3.4	122.6	0.4	-0.1	A N	3031
303	4ACSR	52.6	24.9	0.0	A N	21	10	2	13	238	106	18	91	0.1	3.5	122.5	0.2	-0.2	A N	303
3034	4ACSR	55.6	24.9	0.0	A N	18	8	1	9	163	73	12	91	0.2	3.7	122.3	0.2	-0.5	A N	3034
304	4ACSR	57.0	24.9	0.0	A N	33	15	3	2	33	15	2	91	0.0	3.7	122.3	0.0	-0.3	A N	304
3041	4ACSR	61.8	24.9	0.0	A N	112	51	8	6	112	50	8	91	0.1	3.8	122.2	0.1	-1.1	A N	3041
3033	4ACSR	57.4	24.9	0.0	A N	54	25	4	3	54	24	4	91	0.0	3.6	122.4	0.0	-0.9	A N	3033
3032	4ACSR	53.9	24.9	0.0	A N	40	19	3	2	40	18	3	91	0.0	3.4	122.6	0.0	-0.5	A N	3032
274	4ACSR	55.4	24.9	0.0	A N	67	31	5	5	100	42	7	92	0.1	3.4	122.6	0.1	-1.1	A N	274
2642	4ACSR	56.0	24.9	0.0	A N	0	0	0	2	32	12	2	94	0.0	3.4	122.6	0.0	-0.1	A N	2642
2643	4ACSR	59.6	24.9	0.0	A N	0	0	0	2	32	12	2	94	0.0	3.4	122.6	0.0	-0.7	A N	2643
2644	4ACSR	63.6	24.9	0.0	A N	17	8	1	1	17	7	1	92	0.0	3.4	122.6	0.0	-0.8	A N	2644
275	4ACSR	65.5	24.9	0.0	A N	16	7	1	1	16	6	1	93	0.0	3.4	122.6	0.0	-1.1	A N	275
272	4ACSR	51.8	24.9	0.0	A N	34	15	2	5	95	41	7	92	0.3	2.5	123.5	0.2	-1.7	A N	272
2721	4ACSR	55.7	24.9	0.0	A N	50	23	4	3	50	22	4	91	0.0	2.5	123.5	0.0	-0.8	A N	2721
2722	4ACSR	54.5	24.9	0.0	A N	12	5	1	1	12	5	1	92	0.0	2.5	123.5	0.0	-0.5	A N	2722
251	4ACSR	38.9	24.9	0.0	A N	59	27	4	14	263	118	19	91	0.3	1.1	124.9	0.6	-0.5	A N	251
2511	4ACSR	41.8	24.9	0.0	A N	93	43	7	11	204	91	15	91	0.2	1.3	124.7	0.2	-0.5	A N	2511
247	4ACSR	45.7	24.9	0.0	A N	43	20	3	5	89	40	7	91	0.1	1.4	124.6	0.1	-0.7	A N	247
2471	4ACSR	47.9	24.9	0.0	A N	46	21	3	2	46	21	3	91	0.0	1.4	124.6	0.0	-0.4	A N	2471
250	4ACSR	46.6	24.9	0.0	A N	22	10	2	1	22	9	2	92	0.0	1.3	124.7	0.0	-1.0	A N	250
2712	4ACSR	29.8	24.9	0.0	A N	1	0	0	3	54	22	4	92	0.0	1.3	124.7	0.0	-0.2	A N	2712
271	4ACSR	38.4	24.9	0.0	A N	34	16	3	2	34	14	2	93	0.1	1.4	124.6	0.0	-1.7	A N	271
2711	4ACSR	32.6	24.9	0.0	A N	18	8	1	1	18	8	1	92	0.0	1.3	124.7	0.0	-0.6	A N	2711
268	4ACSR	23.5	24.9	0.0	A N	28	13	2	5	100	44	7	92	0.2	1.1	124.9	0.1	-1.0	A N	268
26801	4ACSR	27.9	24.9	0.0	A N	71	33	5	4	71	32	5	91	0.1	1.1	124.9	0.0	-0.9	A N	26801
30002	4ACSR	12.7	24.9	0.0	A N	18	8	1	1	18	7	1	93	0.0	0.4	125.6	0.0	-1.0	A N	30002

********** Load-Flow Results For Hunt Ckt 2 **********

Hunt Ckt 2						Section Load				Load Into Section				-- 120V Base --			Losses			
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					391	156	19	93			126.0			ABCN	Feeder
332	1/0ACSR	6.3	12.5	0.0	ABCN	-0	-0	0	8	391	156	19	93	0.5	0.5	125.5	1.4	-0.2	ABCN	332
333	1/0ACSR	10.6	12.5	0.0	ABCN	12	5	1	5	237	89	11	94	0.2	0.7	125.3	0.3	-0.6	ABCN	333
320	4ACSR	11.3	12.5	0.0	A N	13	6	2	19	182	79	26	92	0.2	0.9	125.1	0.2	0.1	A N	320
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 320																				
A N : Tap = 1 RAISE																				
Regulator		11.3	12.5	0.0	A N				25	169	73	25	92	-0.8	0.1	125.9	0.0	0.0	A N	Regulator
32000	4ACSR	12.1	12.5	0.0	A N	3	1	0	17	169	73	24	92	0.2	0.3	125.7	0.3	0.1	A N	32000
32001	4ACSR	16.7	12.5	0.0	A N	4	2	1	17	166	72	24	92	1.1	1.4	124.6	1.4	0.5	A N	32001
32002	4ACSR	19.9	12.5	0.0	A N	14	6	2	2	24	10	3	92	0.1	1.5	124.5	0.0	-0.2	A N	32002
32003	4ACSR	25.2	12.5	0.0	A N	6	3	1	1	10	4	1	93	0.1	1.5	124.5	0.0	-0.3	A N	32003
32004	4ACSR	32.6	12.5	0.0	A N	4	2	1	0	4	1	1	94	0.0	1.5	124.5	0.0	-0.4	A N	32004
321	4ACSR	22.6	12.5	0.0	A N	32	14	5	14	137	60	20	92	1.0	2.4	123.6	1.0	0.2	A N	321
310	4ACSR	29.6	12.5	0.0	A N	45	20	7	8	78	34	12	92	0.6	3.0	123.0	0.3	-0.2	A N	310
31000	4ACSR	35.7	12.5	0.0	A N	33	15	5	3	33	14	5	92	0.1	3.2	122.8	0.0	-0.3	A N	31000
31001	4ACSR	28.7	12.5	0.0	A N	26	12	4	3	26	11	4	92	0.1	2.5	123.5	0.0	-0.3	A N	31001
334	1/0ACSR	14.4	12.5	0.0	ABCN	11	5	1	1	42	5	2	99	0.0	0.7	125.3	0.0	-0.7	ABCN	334
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 334																				
ABCN : Tap = 0 NEUTRAL																				
Regulator		14.4	12.5	0.0	ABCN				1	30	0	1	100	0.0	0.7	125.3	0.0	0.0	ABCN	Regulator
33400	1/0ACSR	15.8	12.5	0.0	ABCN	0	0	0	1	30	0	1	100	0.0	0.7	125.3	0.0	-0.3	ABCN	33400
33401	1/0ACSR	17.7	12.5	0.0	ABCN	-0	0	0	1	30	0	1	100	0.0	0.7	125.3	0.0	-0.4	ABCN	33401
329	1/0ACSR	20.8	12.5	0.0	ABCN	30	1	1	1	30	1	1	100	0.0	0.7	125.3	0.0	-0.6	ABCN	329
317	4ACSR	12.2	12.5	0.0	A N	33	14	5	16	153	67	22	92	1.2	1.7	124.3	1.3	0.4	A N	317
301	4ACSR	13.6	12.5	0.0	A N	30	13	4	12	119	52	17	92	0.2	1.9	124.1	0.2	0.0	A N	301
30100	4ACSR	19.6	12.5	0.0	A N	36	16	5	9	89	39	13	92	0.6	2.5	123.5	0.4	-0.1	A N	30100
30101	4ACSR	27.7	12.5	0.0	A N	52	23	8	6	52	23	8	92	0.3	2.8	123.2	0.1	-0.3	A N	30101
316	4ACSR	16.0	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.7	124.3	0.0	-0.2	A N	316

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********** Load-Flow Results For Hunt Ckt 3 **********
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Hunt Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Ldg Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section Name
	Feeder			24.9	0.0	ABCN					1870	801	45	92			126.0			ABCN	Feeder
	72	1/0ACSR	4.4	24.9	0.0	ABCN	15	7	0	20	1870	801	45	92	0.4	0.4	125.6	5.6	0.9	ABCN	72
	72721	1/0ACSR	9.1	24.9	0.0	ABCN	55	25	1	19	1850	793	45	92	0.5	0.9	125.1	5.9	0.8	ABCN	72721
	344	4ACSR	17.5	24.9	0.0	A N	3	2	0	0	3	-0	0	-100	0.0	0.9	125.1	0.0	-1.7	A N	344
	345	1/0ACSR	14.9	24.9	0.0	ABCN	57	26	1	19	1785	767	43	92	0.5	1.4	124.6	6.7	0.7	ABCN	345
	355	1/0ACSR	19.3	24.9	0.0	ABCN	6	3	0	18	1713	738	42	92	0.4	1.8	124.2	4.8	0.4	ABCN	355
	3552	1/0ACSR	20.8	24.9	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	1.8	124.2	0.0	-1.1	ABCN	3552
	3551	1/0ACSR	20.7	24.9	0.0	ABCN	7	3	0	18	1702	736	42	92	0.1	1.9	124.1	1.5	0.1	ABCN	3551
	361	1/0ACSR	27.9	24.9	0.0	ABCN	3	1	0	18	1693	733	41	92	0.6	2.6	123.4	7.8	0.6	ABCN	361
	3611	1/0ACSR	34.3	24.9	0.0	ABCN	46	21	1	18	1683	731	41	92	0.6	3.1	122.9	6.8	0.4	ABCN	3611
	374	1/0ACSR	40.5	24.9	0.0	ABCN	74	34	2	16	1452	635	36	92	0.5	3.6	122.4	4.8	-0.9	ABCN	374
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 374																				
	ABCN : Tap = 5 RAISE																				
H	Regulator			24.9	0.0	ABCN				34	1373	602	34	92	-3.8	-0.2	126.0	-0.0	-0.0	ABCN	Regulator
H	3741	1/0ACSR	40.8	24.9	0.0	ABCN	0	-0	0	14	1373	602	33	92	0.0	-0.2	126.2	0.3	-0.1	ABCN	3741
	3742	1/0ACSR	47.4	24.9	0.0	ABCN	79	36	2	14	1373	602	33	92	0.5	0.2	125.8	4.3	-1.8	ABCN	3742
	376	1/0ACSR	48.6	24.9	0.0	ABCN	4	2	0	13	1216	537	29	91	0.1	0.3	125.7	0.7	-0.4	ABCN	376
	403	1/0ACSR	52.7	24.9	0.0	ABCN	105	48	3	11	1030	453	25	92	0.2	0.5	125.5	1.5	-2.0	ABCN	403
	404	1/0ACSR	56.9	24.9	0.0	ABCN	5	2	0	10	924	407	22	92	0.2	0.7	125.3	1.4	-2.2	ABCN	404
	406	1/0ACSR	61.7	24.9	0.0	ABCN	90	41	2	10	901	401	22	91	0.2	1.0	125.0	1.3	-2.6	ABCN	406
	40600	1/0ACSR	62.3	24.9	0.0	ABCN	36	17	1	8	765	344	19	91	0.0	1.0	125.0	0.1	-0.3	ABCN	40600
	410	4ACSR	65.8	24.9	0.0	A N	138	63	10	20	386	174	28	91	0.4	1.6	124.4	1.0	-0.1	A N	410
	411	4ACSR	70.4	24.9	0.0	A N	59	27	4	7	132	58	10	91	0.2	1.8	124.2	0.2	-0.9	A N	411
	401	6ACWC	76.4	24.9	0.0	A N	72	33	5	4	72	32	5	91	0.1	1.9	124.1	0.0	-1.2	A N	401
	4100	4ACSR	67.3	24.9	0.0	A N	116	53	9	6	116	53	9	91	0.0	1.6	124.4	0.0	-0.3	A N	4100
	413	4ACSR	68.4	24.9	0.0	A N	86	39	6	18	341	152	25	91	0.7	1.9	124.1	1.6	-0.4	A N	413
	414	6ACWC	74.3	24.9	0.0	A N	97	44	7	6	118	52	9	91	0.1	2.0	124.0	0.1	-1.1	A N	414
	41400	6ACWC	78.5	24.9	0.0	A N	21	10	2	1	21	9	2	92	0.0	2.0	124.0	0.0	-0.8	A N	41400
	415	6ACWC	74.9	24.9	0.0	A N	136	62	10	7	136	61	10	91	0.2	2.0	124.0	0.2	-1.2	A N	415
	407	6ACWC	66.0	24.9	0.0	A N	41	19	3	2	45	19	3	92	0.0	1.2	124.8	0.0	-0.9	A N	407
	40700	6ACWC	71.8	24.9	0.0	A N	3	2	0	0	3	0	0	99	0.0	1.2	124.8	0.0	-1.1	A N	40700
	405	4ACSR	63.9	24.9	0.0	A N	16	8	1	1	16	6	1	94	0.0	1.0	125.0	0.0	-1.4	A N	405
	402	4ACSR	52.6	24.9	0.0	A N	107	49	8	9	181	81	13	91	0.2	0.7	125.3	0.2	-0.7	A N	402
	4021	4ACSR	56.7	24.9	0.0	A N	74	34	5	4	74	33	5	91	0.1	0.7	125.3	0.0	-0.8	A N	4021
	377	6ACWC	54.1	24.9	0.0	A N	33	15	2	4	73	31	5	92	0.1	0.5	125.5	0.1	-1.3	A N	377
	400	4ACSR	61.1	24.9	0.0	A N	40	18	3	2	40	17	3	92	0.1	0.6	125.4	0.0	-1.4	A N	400
	358	4ACSR	38.2	24.9	0.0	A N	40	19	3	9	177	74	13	92	0.2	3.4	122.6	0.3	-0.6	A N	358
	362	4ACSR	46.3	24.9	0.0	A N	19	8	1	1	19	7	1	94	0.0	3.5	122.5	0.0	-1.6	A N	362
	363	4ACSR	44.8	24.9	0.0	A N	79	36	6	6	118	50	9	92	0.2	3.6	122.4	0.1	-1.2	A N	363
	356	4ACSR	62.8	24.9	0.0	A N	39	18	3	2	39	14	3	94	0.1	3.7	122.3	0.0	-3.4	A N	356
	346	4ACSR	21.0	24.9	0.0	A N	5	2	0	0	8	2	1	98	0.0	1.5	124.5	0.0	-1.2	A N	346
	34699	4ACSR	26.4	24.9	0.0	A N	3	2	0	0	3	1	0	99	0.0	1.5	124.5	0.0	-1.1	A N	34699

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********** Load-Flow Results For Hunt Ckt 4 **********
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Hunt Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					2264	818	53	94			126.0			ABCN	Feeder
	66	397ACSR	9.0	24.9	0.0	ABCN	22	10	1	9	2264	818	53	94	0.3	0.3	125.7	3.7	1.2	ABCN	66
	6666	397ACSR	10.5	24.9	0.0	ABCN	2	1	0	9	2136	767	50	94	0.1	0.4	125.6	0.6	0.1	ABCN	6666
	63	4ACSR	12.4	24.9	0.0	A N	11	5	1	11	219	97	16	91	0.1	0.6	125.4	0.2	-0.3	A N	63
	63000	4ACSR	19.9	24.9	0.0	A N	99	46	7	11	208	92	15	91	0.4	1.0	125.0	0.6	-1.2	A N	63000
	63001	4ACSR	24.6	24.9	0.0	A N	58	27	4	6	108	48	8	91	0.1	1.1	124.9	0.1	-0.9	A N	63001
	63002	4ACSR	28.9	24.9	0.0	A N	50	23	4	3	50	22	4	91	0.0	1.2	124.8	0.0	-0.8	A N	63002
	65	397ACSR	16.9	24.9	0.0	ABCN	17	8	0	8	1914	668	45	94	0.2	0.6	125.4	1.9	-1.0	ABCN	65
	64	397ACSR	21.3	24.9	0.0	ABCN	109	50	3	8	1884	658	44	94	0.1	0.7	125.3	1.2	-0.9	ABCN	64
	64000	397ACSR	21.9	24.9	0.0	ABCN	-0	0	0	7	1773	608	42	95	0.0	0.8	125.2	0.2	-0.2	ABCN	64000
	60	2ACSR	27.4	24.9	0.0	ABCN	67	31	2	20	1550	512	36	95	0.6	1.3	124.7	6.6	-0.6	ABCN	60
	60000	2ACSR	29.6	24.9	0.0	ABCN	0	0	0	19	1476	481	35	95	0.2	1.6	124.4	2.6	-0.3	ABCN	60000
	57	2ACSR	35.8	24.9	0.0	ABCN	32	15	1	19	1474	482	35	95	0.6	2.2	123.8	7.0	-0.9	ABCN	57
	57000	2ACSR	40.0	24.9	0.0	ABCN	0	0	0	19	1435	468	34	95	0.4	2.6	123.4	4.6	-0.6	ABCN	57000
	57001	2ACSR	40.7	24.9	0.0	ABCN	0	-0	0	19	1430	469	34	95	0.1	2.7	123.3	0.8	-0.1	ABCN	57001
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 57001																				
	ABCN : Tap = 4 RAISE																				
H	Regulator			40.7	24.9	0.0	ABCN				34	1429	469	34	95	-3.1	-0.4	126.2	-0.0	-0.0	ABCN	Regulator
	55	2ACSR	49.0	24.9	0.0	ABCN	15	7	0	18	1429	470	33	95	0.8	0.4	125.6	8.7	-1.8	ABCN	55
	40	1/0ACSR	50.6	24.9	0.0	ABCN	0	0	0	3	261	107	6	92	0.0	0.4	125.6	0.0	-1.2	ABCN	40
	40000	1/0ACSR	53.6	24.9	0.0	ABCN	4	2	0	3	261	108	6	92	0.0	0.5	125.5	0.1	-2.2	ABCN	40000
	40001	4ACSR	58.6	24.9	0.0	A N	1	0	0	0	1	-1	0	-81	0.0	0.6	125.4	0.0	-1.0	A N	40001
	40002	1/0ACSR	54.3	24.9	0.0	ABCN	45	21	1	3	256	109	6	92	0.0	0.5	125.5	0.0	-0.5	ABCN	40002
	40003	1/0ACSR	61.4	24.9	0.0	ABCN	0	-0	0	2	211	89	5	92	0.1	0.6	125.4	0.1	-5.3	ABCN	40003
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 40003																				
	Transformer			61.4	12.4	0.0	ABCN				23	211	94	5	91	0.0	0.6	125.4	0.0	0.0	ABCN	Transformer
	34	4ACSR	68.1	12.4	0.0	A N	15	7	2	13	120	54	18	91	1.1	1.8	124.2	1.0	0.2	A N	34
	34000	4ACSR	73.3	12.4	0.0	A N	21	10	3	11	105	47	15	91	0.7	2.5	123.5	0.5	0.0	A N	34000
	32	4ACSR	82.2	12.4	0.0	A N	59	27	9	6	59	27	9	91	0.4	2.9	123.1	0.2	-0.3	A N	32
	33	4ACSR	79.4	12.4	0.0	A N	24	11	4	3	24	11	4	91	0.1	2.6	123.4	0.0	-0.3	A N	33
	35	4ACSR	65.9	12.4	0.0	A N	20	9	3	9	90	40	13	91	0.5	1.2	124.8	0.3	-0.1	A N	35
	36	1/0ACSR	67.4	12.4	0.0	A N	12	5	2	3	49	22	7	91	0.1	1.2	124.8	0.0	-0.1	A N	36
	36000	4ACSR	72.9	12.4	0.0	A N	38	17	6	4	38	17	6	91	0.2	1.4	124.6	0.0	-0.3	A N	36000
	37	4ACSR	71.9	12.4	0.0	A N	13	6	2	2	21	9	3	92	0.1	1.3	124.7	0.0	-0.3	A N	37
	37000	4ACSR	79.4	12.4	0.0	A N	8	4	1	1	8	3	1	92	0.0	1.3	124.7	0.0	-0.4	A N	37000
	41	1/0ACSR	56.7	24.9	0.0	ABCN	87	40	2	12	1145	357	27	95	0.4	0.8	125.2	3.2	-3.4	ABCN	41
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at LOAD End of Section 41																				
T	Transformer			56.7	12.4	0.0	ABCN				110	1054	321	24	96	0.0	0.8	125.2	0.0	0.0	ABCN	Transformer
	42	4ACSR	61.3	12.4	0.0	A N	39	18	6	4	39	18	6	91	0.1	1.1	124.9	0.0	-0.2	A N	42
	43	1/0ACSR	59.4	12.4	0.0	ABCN	24	11	1	20	1015	303	47	96	0.5	1.3	124.7	3.8	2.3	ABCN	43
	44	4ACSR	61.4	12.4	0.0	A N	1	0	0	16	152	69	22	91	0.4	1.9	124.1	0.5	0.2	A N	44
	44000	4ACSR	71.3	12.4	0.0	A N	149	69	22	16	150	69	22	91	1.1	3.1	122.9	1.3	0.2	A N	44000
	45	1/0ACSR	61.2	12.4	0.0	ABCN	13	-155	7	17	835	220	39	97	0.3	1.6	124.4	1.7	1.0	ABCN	45
	Capacitor (Wye-Gnd Connected) at Center of Section 45																				
	ABCN : Nominal = 150 kvar Actual = 162 kvar																				
	46	1/0ACSR	61.7	12.4	0.0	ABCN	13	6	1	7	304	139	15	91	0.0	1.7	124.3	0.1	-0.0	ABCN	46
	46000	1/0ACSR	68.4	12.4	0.0	ABCN	107	49	5	6	291	133	14	91	0.3	2.0	124.0	0.8	-0.6	ABCN	46000
	50	4ACSR	71.8	12.4	0.0	A N	20	9	3	2	20	9	3	91	0.1	2.5	123.5	0.0	-0.2	A N	50
	38	6ACWC	72.1	12.4	0.0	A N	66	30	10	17	162	74	24	91	0.7	3.1	122.9	0.7	0.2	A N	38
	38000	6ACWC	78.9	12.4	0.0	A N	57	26	9	10	96	43	14	91	0.6	3.7	122.3	0.4	-0.1	A N	38000
	38001	6ACWC	84.3	12.4	0.0	A N	38	18	6	4	38	17	6	91	0.1	3.9	122.1	0.0	-0.2	A N	38001
	45000	1/0ACSR	67.1	12.4	0.0	ABCN	69	32	3	11	515	236	25	91	0.6	2.2	123.8	2.2	0.6	ABCN	45000
	45001	4ACSR	68.1	12.4	0.0	A N	0	0	0	13	122	55	18	91	0.2	2.7	123.3	0.2	0.0	A N	45001
	53	4ACSR	77.5	12.4	0.0	A N	81	37	12	9	81	37	12	91	0.6	3.3	122.7	0.4	-0.3	A N	53
	54	4ACSR	72.1	12.4	0.0	A N	35	16	5	4	40	18	6	91	0.1	2.9	123.1	0.0	-0.2	A N	54
	54002	4ACSR	74.1	12.4	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.9	123.1	0.0	-0.1	A N	54002
	54003	4ACSR	79.0	12.4	0.0	A N	6	3	1	1	6	2	1	93	0.0	2.9	123.1	0.0	-0.3	A N	54003
	52	4ACSR	76.3	12.4	0.0	A N	175	80	26	34	321	147	48	91	3.2	5.7	120.3	6.7	3.1	A N	52
	51	4ACSR	82.6	12.4	0.0	A N	65	30	10	7	65	30	10	91	0.3	6.1	119.9	0.2	-0.2	A N	51
	52000	4ACSR	76.7	12.4	0.0	A N	14	7	2	8	75	34	11	91	0.0	5.8	120.2	0.0	-0.0	A N	52000
	52001	4ACSR	80.2	12.4	0.0	A N	61	28	9	7	61	28	9	91	0.2	5.9	120.1	0.1	-0.1	A N	52001

Hunt Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
52002	4ACSR	77.1	12.4	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	5.8	120.2	-0.0	-0.0	A N	52002
H 56	4ACSR	47.4	24.9	0.0	A N	0	0	0	0	0	-1	0	-10	-0.0	-0.3	126.3	0.0	-1.4	A N	56
6000	397ACSR	24.1	24.9	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	0.8	125.2	0.0	-1.9	ABCN	6000
61	4ACSR	27.9	24.9	0.0	A N	5	2	0	12	223	99	16	91	0.5	1.3	124.7	0.8	-0.8	A N	61
61000	4ACSR	31.6	24.9	0.0	A N	66	30	5	11	218	97	16	91	0.2	1.5	124.5	0.4	-0.5	A N	61000
61001	4ACSR	35.3	24.9	0.0	A N	60	27	4	3	60	27	4	91	0.0	1.6	124.4	0.0	-0.7	A N	61001
61002	4ACSR	38.2	24.9	0.0	A N	92	42	7	5	92	41	7	91	0.1	1.6	124.4	0.1	-1.3	A N	61002
70	6ACWC	24.4	24.9	0.0	A N	11	5	1	1	11	4	1	95	0.0	0.6	125.4	0.0	-1.5	A N	70
71	4ACSR	10.8	24.9	0.0	A N	5	2	0	5	101	40	7	93	0.1	0.4	125.6	0.0	-0.3	A N	71
71099	4ACSR	18.8	24.9	0.0	A N	65	30	5	4	87	37	6	92	0.2	0.6	125.4	0.1	-1.6	A N	71099
71098	4ACSR	26.1	24.9	0.0	A N	22	10	2	1	22	9	2	93	0.0	0.6	125.4	0.0	-1.5	A N	71098
77	6ACWC	18.5	24.9	0.0	A N	9	4	1	0	9	1	1	99	0.0	0.4	125.6	0.0	-1.6	A N	77
77000	4ACSR	25.7	24.9	0.0	A N	0	0	0	0	0	-1	0	0	-0.0	0.4	125.6	0.0	-1.5	A N	77000

********** Load-Flow Results For Jeffersonville Ckt 1 **********

Jeffersonville Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					2846	1270	69	91			126.0			ABCN	Feeder
	536	336ACSR	1.8	24.9	0.0	ABCN	34	16	1	13	2846	1270	69	91	0.1	0.1	125.9	1.4	1.5	ABCN	536
	5362	336ACSR	4.8	24.9	0.0	ABCN	56	26	1	12	2689	1198	65	91	0.2	0.3	125.7	2.2	2.0	ABCN	5362
	5363	336ACSR	8.1	24.9	0.0	ABCN	14	6	0	11	2393	1063	58	91	0.2	0.4	125.6	1.9	1.2	ABCN	5363
	5364	336ACSR	9.4	24.9	0.0	ABCN	12	5	0	10	2209	983	54	91	0.1	0.5	125.5	0.6	0.2	ABCN	5364
	5365	336ACSR	10.7	24.9	0.0	ABCN	39	18	1	10	2197	978	53	91	0.1	0.6	125.4	0.7	0.2	ABCN	5365
	5366	336ACSR	12.5	24.9	0.0	ABCN	-0	0	0	9	2065	918	50	91	0.1	0.6	125.4	0.8	0.1	ABCN	5366
	5368	1/0ACSR	12.9	24.9	0.0	ABCN	0	-0	0	19	1794	795	44	91	0.0	0.7	125.3	0.4	0.0	ABCN	5368
	5367	1/0ACSR	14.3	24.9	0.0	ABCN	18	8	0	18	1719	762	42	91	0.1	0.8	125.2	1.6	0.1	ABCN	5367
	533	1/0ACSR	19.1	24.9	0.0	ABCN	13	6	0	17	1590	704	39	91	0.4	1.2	124.8	4.6	-0.2	ABCN	533
	5331	1/0ACSR	19.4	24.9	0.0	ABCN	8	4	0	12	1131	496	28	92	0.0	1.2	124.8	0.1	-0.1	ABCN	5331
	530	1/0ACSR	22.3	24.9	0.0	ABCN	11	5	0	10	942	412	23	92	0.1	1.4	124.6	1.0	-1.5	ABCN	530
	5301	4ACSR	27.0	24.9	0.0	A N	64	29	5	3	64	28	5	91	0.1	1.4	124.6	0.0	-0.9	A N	5301
	5302	1/0ACSR	25.1	24.9	0.0	ABCN	49	22	1	9	865	380	21	92	0.1	1.5	124.5	0.7	-1.5	ABCN	5302
	526	1/0ACSR	30.4	24.9	0.0	ABCN	106	49	3	7	627	274	15	92	0.2	1.6	124.4	0.7	-3.5	ABCN	526
	5230	1/0ACSR	32.2	24.9	0.0	ABCN	103	42	2	1	103	41	2	93	0.0	1.6	124.4	0.0	-1.3	ABCN	5230
	524	4ACSR	34.5	24.9	0.0	A N	84	38	6	22	417	187	31	91	0.6	2.3	123.7	1.7	0.1	A N	524
	5240	4ACSR	39.3	24.9	0.0	A N	113	52	8	18	332	149	25	91	0.5	2.8	123.2	1.1	-0.4	A N	5240
	544	4ACSR	43.4	24.9	0.0	A N	123	56	9	12	218	97	16	91	0.2	3.0	123.0	0.3	-0.6	A N	544
	5440	4ACSR	50.7	24.9	0.0	A N	85	39	6	4	85	37	6	91	0.1	3.1	122.9	0.1	-1.4	A N	5440
	5441	4ACSR	44.9	24.9	0.0	A N	9	4	1	1	9	4	1	92	0.0	3.0	123.0	0.0	-0.3	A N	5441
	5272	4ACSR	25.9	24.9	0.0	A N	110	50	8	10	189	85	14	91	0.0	1.5	124.5	0.0	-0.1	A N	5272
	527	4ACSR	28.9	24.9	0.0	A N	46	21	3	2	46	20	3	91	0.0	1.6	124.4	0.0	-0.6	A N	527
	5271	4ACSR	29.8	24.9	0.0	A N	33	15	2	2	33	14	2	92	0.0	1.6	124.4	0.0	-0.8	A N	5271
	531	6ACWC	23.7	24.9	0.0	A N	12	6	1	9	181	81	13	91	0.3	1.5	124.5	0.3	-0.6	A N	531
	5311	6ACWC	28.2	24.9	0.0	A N	94	43	7	5	94	42	7	91	0.1	1.6	124.4	0.1	-0.9	A N	5311
	9531	6ACWC	26.5	24.9	0.0	A N	74	34	5	4	74	33	5	91	0.0	1.5	124.5	0.0	-0.6	A N	9531
	Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 532																				
T	Transformer			19.1	12.4	0.0	A N				146	442	203	33	91	0.0	1.2	124.8	0.0	0.0	A N	Transformer
	532	6ACWC	23.9	12.4	0.0	A N	155	71	23	46	442	203	65	91	2.4	3.6	122.4	7.0	3.9	A N	532
	5321	6ACWC	29.2	12.4	0.0	A N	78	36	12	30	280	128	42	91	1.8	5.4	120.6	3.4	1.8	A N	5321
	546	4ACSR	30.8	12.4	0.0	A N	15	7	2	21	192	87	29	91	0.5	5.9	120.1	0.7	0.3	A N	546
	5461	4ACSR	38.0	12.4	0.0	A N	49	23	8	5	50	22	8	91	0.3	6.1	119.9	0.1	-0.3	A N	5461
	547	4ACSR	41.7	12.4	0.0	A N	125	58	19	14	127	58	19	91	1.1	6.9	119.1	1.1	0.1	A N	547
	548	4ACSR	35.5	12.4	0.0	A N	7	3	1	1	7	3	1	92	0.0	5.4	120.6	0.0	-0.3	A N	548
	535	4ACSR	19.0	24.9	0.0	A N	108	50	8	6	108	49	8	91	0.1	0.9	125.1	0.1	-0.9	A N	535
	5369	1/0ACSR	15.9	24.9	0.0	A N	75	34	5	2	75	34	5	91	0.0	0.7	125.3	0.0	-0.6	A N	5369
	9534	4ACSR	16.6	24.9	0.0	A N	89	41	7	14	270	122	20	91	0.3	1.0	125.0	0.6	-0.5	A N	9534
	534	6ACWC	21.6	24.9	0.0	A N	181	83	13	9	181	82	13	91	0.2	1.1	124.9	0.2	-0.9	A N	534
	53651	4ACSR	13.4	24.9	0.0	A N	91	42	7	5	91	41	7	91	0.0	0.6	125.4	0.0	-0.5	A N	53651
	734	4ACSR	15.3	24.9	0.0	A N	62	29	5	9	168	72	12	92	0.4	0.8	125.2	0.4	-1.2	A N	734
	7341	4ACSR	19.4	24.9	0.0	A N	8	4	1	0	9	3	1	95	0.0	0.8	125.2	0.0	-0.8	A N	7341
	545	6ACWC	21.3	24.9	0.0	A N	2	1	0	0	2	0	0	98	0.0	0.8	125.2	0.0	-0.4	A N	545
	735	4ACSR	21.1	24.9	0.0	A N	77	35	6	5	96	42	7	92	0.1	0.9	125.1	0.1	-1.1	A N	735
	7351	4ACSR	27.7	24.9	0.0	A N	20	9	1	1	20	8	1	93	0.0	0.9	125.1	0.0	-1.3	A N	7351
	725	6ACWC	8.0	24.9	0.0	A N	42	19	3	12	238	107	17	91	0.2	0.5	125.5	0.4	-0.4	A N	725
	7251	6ACWC	11.8	24.9	0.0	A N	168	77	12	9	168	77	12	91	0.1	0.6	125.4	0.1	-0.7	A N	7251
	7252	6ACWC	10.0	24.9	0.0	A N	27	12	2	1	27	12	2	91	0.0	0.5	125.5	0.0	-0.4	A N	7252
	5361	4ACSR	7.1	24.9	0.0	A N	122	56	9	6	122	55	9	91	0.1	0.2	125.8	0.1	-1.0	A N	5361

********** Load-Flow Results For Jeffersonville Ckt 2 **********

Jeffersonville Ckt 2						Section Load				Load Into Section			-- 120V Base --				Losses		
Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Volt Drop	Volt Level	KW	KVAR	Phs Cfg Section
Feeder			24.9	0.0	ABCN					1474	438	34	96			126.0			ABCN Feeder
726	336ACSR	1.6	24.9	0.0	ABCN	60	29	1	6	1474	438	34	96	0.0	0.0	126.0	0.3	-0.8	ABCN 726
7261	336ACSR	8.5	24.9	0.0	ABCN	8	4	0	6	1413	410	33	96	0.2	0.2	125.8	1.2	-3.3	ABCN 7261
727	336ACSR	10.9	24.9	0.0	ABCN	0	-165	4	6	1324	378	30	96	0.1	0.3	125.7	0.4	-1.2	ABCN 727
Capacitor (Wye-Gnd Connected) at Center of Section 727																			
ABCN : Nominal = 150 kvar Actual = 165 kvar																			
Transformer AUTO 25KV-15KV (BANK OF 1-PHASE Wye-Gnd/Wye-Gnd) at SOURCE End of Section 7302																			
T Transformer			10.9	12.4	0.0	ABCN				143	1323	544	32	92	0.0	0.3	125.7	0.0	0.0	ABCN Transformer
7302	336ACSR	12.1	12.4	0.0	ABCN	47	22	2	12	1323	544	63	92	0.1	0.4	125.6	0.8	1.4	ABCN 7302
7301	336ACSR	13.9	12.4	0.0	ABCN	36	14	2	12	1276	520	61	93	0.2	0.6	125.4	1.2	2.0	ABCN 7301
730	336ACSR	15.4	12.4	0.0	ABCN	9	4	0	11	1239	504	59	93	0.1	0.7	125.3	0.9	1.6	ABCN 730
728	1/0CU	16.7	12.4	0.0	ABCN	55	9	2	4	242	97	12	93	0.0	0.8	125.2	0.1	-0.2	ABCN 728
7281	6ACWC	20.8	12.4	0.0	A N	186	88	28	20	187	88	28	90	0.5	1.3	124.7	0.8	0.3	A N 7281
731	2ACSR	16.9	12.4	0.0	ABCN	18	9	1	15	588	219	28	94	0.2	1.0	125.0	1.1	0.3	ABCN 731
7311	2ACSR	20.4	12.4	0.0	ABCN	31	15	2	15	569	210	27	94	0.5	1.5	124.5	2.3	0.5	ABCN 7311
732	2ACSR	26.3	12.4	0.0	ABCN	358	113	17	13	489	174	23	94	0.5	2.0	124.0	3.6	1.4	ABCN 732
7321	2ACSR	30.2	12.4	0.0	ABCN	30	14	1	3	93	43	5	91	0.1	2.1	123.9	0.1	-0.7	ABCN 7321
724	4ACSR	37.2	12.4	0.0	A N	44	21	7	7	63	29	9	91	0.4	3.5	122.5	0.2	-0.2	A N 724
7241	4ACSR	45.1	12.4	0.0	A N	18	9	3	2	18	8	3	91	0.1	3.6	122.4	0.0	-0.4	A N 7241
7320	6ACWC	30.3	12.4	0.0	A N	33	16	5	4	33	16	5	91	0.1	3.0	123.0	0.0	-0.2	A N 7320
743	6ACWC	29.2	12.4	0.0	A N	30	14	4	5	46	21	7	91	0.4	2.0	124.0	0.1	-0.4	A N 743
7431	6ACWC	36.5	12.4	0.0	A N	15	7	2	2	15	7	2	91	0.1	2.0	124.0	0.0	-0.4	A N 7431
744	1/0CU	18.8	12.4	0.0	ABCN	0	0	0	6	400	182	20	91	0.2	0.9	125.1	0.4	-0.1	ABCN 744
7441	1/0CU	24.1	12.4	0.0	ABCN	22	10	1	6	371	169	18	91	0.3	1.2	124.8	0.6	-0.3	ABCN 7441
737	1/0CU	30.3	12.4	0.0	ABCN	13	6	1	2	111	47	5	92	0.1	1.2	124.8	0.1	-1.1	ABCN 737
7371	1/0CU	35.8	12.4	0.0	ABCN	8	4	0	2	98	42	5	92	0.1	1.3	124.7	0.0	-1.0	ABCN 7371
7372	1/0CU	43.1	12.4	0.0	ABCN	13	6	1	1	90	40	4	92	0.1	1.4	124.6	0.0	-1.3	ABCN 7372
7373	6ACWC	49.7	12.4	0.0	A N	26	12	4	3	26	12	4	91	0.1	1.6	124.4	0.0	-0.3	A N 7373
7374	1/0CU	47.3	12.4	0.0	ABCN	13	6	1	1	51	23	3	91	0.0	1.4	124.6	0.0	-0.8	ABCN 7374
7375	6ACWC	50.0	12.4	0.0	A N	23	11	3	2	23	11	3	91	0.0	1.6	124.4	0.0	-0.1	A N 7375
7376	1/0CU	50.4	12.4	0.0	ABCN	15	7	1	0	15	7	1	92	0.0	1.4	124.6	0.0	-0.6	ABCN 7376
740	6ACWC	31.1	12.4	0.0	A N	67	32	10	25	238	112	35	91	2.0	3.2	122.8	3.2	1.6	A N 740
7401	6ACWC	36.2	12.4	0.0	A N	41	20	6	18	167	78	25	91	1.1	4.2	121.8	1.2	0.5	A N 7401
741	6ACWC	41.4	12.4	0.0	A N	33	16	5	4	33	15	5	91	0.1	4.4	121.6	0.0	-0.2	A N 741
742	6ACWC	40.2	12.4	0.0	A N	37	18	6	10	92	43	14	91	0.4	4.7	121.3	0.3	-0.0	A N 742
7421	6ACWC	51.0	12.4	0.0	A N	54	25	8	6	54	25	8	91	0.4	5.1	120.9	0.2	-0.4	A N 7421
7442	4ACSR	22.2	12.4	0.0	A N	28	13	4	3	28	13	4	91	0.1	1.0	125.0	0.0	-0.2	A N 7442
736	4ACSR	15.5	24.9	0.0	A N	9	4	1	4	80	32	6	93	0.2	0.4	125.6	0.1	-1.4	A N 736
7361	4ACSR	18.4	24.9	0.0	A N	19	9	1	4	71	29	5	93	0.1	0.5	125.5	0.0	-0.6	A N 7361
7362	4ACSR	28.0	24.9	0.0	A N	3	1	0	2	40	16	3	93	0.1	0.6	125.4	0.0	-1.9	A N 7362
7363	4ACSR	34.6	24.9	0.0	A N	37	17	3	2	37	16	3	92	0.0	0.6	125.4	0.0	-1.3	A N 7363
73612	4ACSR	22.5	24.9	0.0	A N	12	6	1	1	12	5	1	93	0.0	0.5	125.5	0.0	-0.8	A N 73612

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********** Load-Flow Results For Mariba Ckt 1 **********
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Mariba Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					559	78	25	99			126.0			ABCN	Feeder
1105	1/0ACSR	3.3	12.5	0.0	ABCN	14	11	1	11	559	78	25	99	0.3	0.3	125.7	1.3	0.3	ABCN	1105
1106	1/0ACSR	8.2	12.5	0.0	ABCN	310	-110	15	11	543	67	24	99	0.4	0.7	125.3	2.0	0.9	ABCN	1106
Capacitor (Wye-Gnd Connected) at Center of Section 1106																				
	ABCN : Nominal = 150 kvar									Actual = 164 kvar										
11063	1/0ACSR	11.9	12.5	0.0	ABCN	87	66	5	4	159	120	9	80	0.1	0.8	125.2	0.2	-0.5	ABCN	11063
11064	4ACSR	13.6	12.5	0.0	A N	58	44	10	7	58	44	10	80	0.1	1.4	124.6	0.0	-0.1	A N	11064
11065	1/0ACSR	12.9	12.5	0.0	ABCN	14	10	1	0	14	10	1	80	0.0	0.8	125.2	0.0	-0.2	ABCN	11065
11061	2ACSR	11.2	12.5	0.0	A N	68	52	11	7	73	55	12	80	0.1	1.2	124.8	0.1	-0.1	A N	11061
11062	2ACSR	15.5	12.5	0.0	A N	4	3	1	0	4	3	1	82	0.0	1.2	124.8	0.0	-0.2	A N	11062

********** Load-Flow Results For Mariba Ckt 2 **********

Mariba Ckt 2							Section Load				Load Into Section				-- 120V Base --				Losses			
	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level		KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1069	553	53	89			126.0				ABCN	Feeder
	1122	1/0ACSR	6.3	12.5	0.0	ABCN	50	-126	6	23	1069	553	53	89	1.5	1.5	124.5	11.5	7.5		ABCN	1122
	Capacitor (Wye-Gnd Connected) at Center of Section 1122																					
		ABCN : Nominal = 150 kvar Actual = 163 kvar																				
	1124	1/0ACSR	9.5	12.5	0.0	ABCN	23	17	1	23	969	644	52	83	0.7	2.2	123.8	5.4	3.5		ABCN	1124
	11241	336ACSR	14.7	12.5	0.0	ABCN	61	45	3	10	940	623	51	83	0.5	2.7	123.3	2.2	3.5		ABCN	11241
	1127	4ACSR	16.8	12.5	0.0	A N	72	11	10	33	296	172	46	86	0.8	3.8	122.2	1.9	0.9		A N	1127
	1125	4ACSR	20.0	12.5	0.0	A N	22	17	4	21	174	126	29	81	0.9	4.6	121.4	1.3	0.5		A N	1125
	1101	4ACSR	27.4	12.5	0.0	A N	45	33	8	17	138	100	23	81	1.4	6.1	119.9	1.6	0.5		A N	1101
	11011	6ACWC	35.2	12.5	0.0	A N	20	15	3	2	20	14	3	81	0.1	6.2	119.8	0.0	-0.3		A N	11011
	11012	6ACWC	31.3	12.5	0.0	A N	42	31	7	9	72	53	12	81	0.3	6.4	119.6	0.2	-0.1		A N	11012
	11013	6ACWC	38.2	12.5	0.0	A N	23	17	4	4	30	22	5	81	0.2	6.6	119.4	0.0	-0.3		A N	11013
	1100	6ACWC	44.0	12.5	0.0	A N	7	5	1	1	7	5	1	82	0.0	6.6	119.4	0.0	-0.3		A N	1100
	1128	4ACSR	27.4	12.5	0.0	A N	12	9	2	1	12	9	2	82	0.1	4.7	121.3	0.0	-0.3		A N	1128
	11281	4ACSR	32.6	12.5	0.0	A N	0	0	0	0	0	-0	0	-20	-0.0	4.7	121.3	0.0	-0.2		A N	11281
	1126	4ACSR	22.0	12.5	0.0	A N	19	14	3	6	48	35	8	81	0.3	4.1	121.9	0.1	-0.2		A N	1126
	11261	4ACSR	30.1	12.5	0.0	A N	28	21	5	3	28	20	5	81	0.2	4.3	121.7	0.0	-0.4		A N	11261
L	1130	6ACWC	22.0	12.5	0.0	A N	110	71	18	68	580	401	95	82	5.9	8.9	117.1	26.7	15.7		A N	1130
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1130																					
		A N : Tap = 12 RAISE																				
C	Regulator			22.0	12.5	0.0	A N				77	443	314	77	82	-8.8	0.1	125.9	0.0	-0.0		A N	Regulator
	11302	6ACWC	24.9	12.5	0.0	A N	32	16	5	43	376	264	61	82	1.6	1.7	124.3	4.8	2.8		A N	11302
	1145	6ACWC	32.6	12.5	0.0	A N	42	31	7	37	315	228	52	81	3.5	5.2	120.8	8.9	4.9		A N	1145
	11456	6ACWC	37.8	12.5	0.0	A N	54	40	9	28	227	165	39	81	1.6	6.8	119.2	2.9	1.5		A N	11456
	11457	6ACWC	38.7	12.5	0.0	A N	0	0	0	14	113	82	20	81	0.2	7.0	119.0	0.2	0.1		A N	11457
	11450	4ACSR	39.6	12.5	0.0	A N	3	2	1	0	3	2	1	81	0.0	7.0	119.0	0.0	-0.0		A N	11450
	1141	4ACSR	42.7	12.5	0.0	A N	45	33	8	14	110	80	19	81	0.6	7.6	118.4	0.5	0.1		A N	1141
	11411	6ACWC	48.9	12.5	0.0	A N	32	24	6	4	32	24	6	81	0.2	7.8	118.2	0.0	-0.3		A N	11411
	11412	4ACSR	46.1	12.5	0.0	A N	12	9	2	4	32	23	5	81	0.1	7.8	118.2	0.0	-0.1		A N	11412
	11413	6ACWC	49.6	12.5	0.0	A N	4	3	1	0	4	3	1	82	0.0	7.8	118.2	0.0	-0.2		A N	11413
	11414	6ACWC	50.0	12.5	0.0	A N	9	7	2	2	16	12	3	81	0.1	7.8	118.2	0.0	-0.2		A N	11414
	11415	6ACWC	55.5	12.5	0.0	A N	7	5	1	1	7	5	1	82	0.0	7.9	118.1	0.0	-0.2		A N	11415
	1142	6ACWC	42.4	12.5	0.0	A N	18	13	3	7	57	41	10	81	0.4	7.2	118.8	0.2	-0.1		A N	1142
	1143	4ACSR	47.3	12.5	0.0	A N	9	7	2	1	9	6	2	81	0.0	7.2	118.8	0.0	-0.2		A N	1143
	1144	6ACWC	45.2	12.5	0.0	A N	11	8	2	4	29	21	5	81	0.1	7.3	118.7	0.0	-0.1		A N	1144
	11441	6ACWC	47.0	12.5	0.0	A N	0	0	0	2	18	13	3	81	0.1	7.4	118.6	0.0	-0.1		A N	11441
	11442	6ACWC	52.9	12.5	0.0	A N	18	13	3	2	18	13	3	81	0.1	7.4	118.6	0.0	-0.3		A N	11442
	11443	2ACSR	48.9	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	7.3	118.7	0.0	-0.2		A N	11443
	11451	2ACSR	39.5	12.5	0.0	A N	37	27	6	3	37	27	6	81	0.2	5.4	120.6	0.0	-0.3		A N	11451
	1146	4ACSR	31.9	12.5	0.0	A N	24	18	4	3	24	18	4	81	0.1	1.8	124.2	0.0	-0.3		A N	1146
	11301	4ACSR	28.5	12.5	0.0	A N	67	50	11	8	67	50	11	81	0.4	0.4	125.6	0.2	-0.2		A N	11301
	1123	4ACSR	13.3	12.5	0.0	A N	38	28	6	5	38	28	6	81	0.2	1.8	124.2	0.1	-0.3		A N	1123

********** Load-Flow Results For Mariba Ckt 3 **********

Mariba Ckt 3						Section Load				Load Into Section				-- 120V Base --			Losses			
		Phase	Dist	Nom	%V	Phs			Ldg					Volt	Accm	Volt			Phs	
	Section Name	Conduct	K FT	kVLL	Imb	Cfg	kW	kvar	Amps	Pct	kW	kvar	Amps	pf	Drop	Drop	Level	KW	KVAR	Cfg	Section
	Feeder			12.5	0.0	ABCN					1171	185	52	99			126.0			ABCN	Feeder
	1120	336ACSR	1.9	12.5	0.0	ABCN	14	12	1	10	1171	185	52	99	0.1	0.1	125.9	0.9	1.5	ABCN	1120
	11201	336ACSR	3.0	12.5	0.0	ABCN	6	5	0	10	1156	171	52	99	0.1	0.2	125.8	0.5	0.8	ABCN	11201
	1117	4ACSR	8.1	12.5	0.0	ABCN	38	32	2	36	1128	148	50	99	2.1	2.3	123.7	18.2	5.1	ABCN	1117
	11171	4ACSR	11.5	12.5	0.0	A N	12	10	2	1	12	10	2	77	0.0	2.5	123.5	0.0	-0.2	A N	11171
	11172	4ACSR	8.5	12.5	0.0	ABCN	0	0	0	34	1060	100	48	100	0.1	2.4	123.6	1.2	0.3	ABCN	11172
	1116	6ACWC	13.4	12.5	0.0	ABCN	56	47	3	34	1048	92	47	100	1.8	4.2	121.8	14.5	4.2	ABCN	1116
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1116																				
	ABCN : Tap = 6 RAISE																				
H	Regulator			13.4	12.5	0.0	ABCN				45	978	41	45	100	-4.6	-0.3	126.3	0.0	0.0	ABCN	Regulator
	11162	6ACWC	14.6	12.5	0.0	ABCN	0	-166	7	29	934	4	41	100	0.4	0.0	126.0	2.8	0.8	ABCN	11162
	Capacitor (Wye-Gnd Connected) at Center of Section 11162																				
	ABCN : Nominal = 150 kvar Actual = 166 kvar																				
	1114	4ACSR	20.0	12.5	0.0	ABCN	42	35	2	29	895	139	40	99	1.8	1.8	124.2	12.1	3.0	ABCN	1114
	11141	4ACSR	23.9	12.5	0.0	ABCN	103	18	5	27	840	100	38	99	1.1	3.0	123.0	7.2	1.8	ABCN	11141
	11142	6ACWC	27.6	12.5	0.0	A N	10	8	2	1	10	8	2	77	0.0	3.6	122.4	0.0	-0.2	A N	11142
	11143	6ACWC	29.2	12.5	0.0	ABCN	51	43	3	23	720	72	33	100	1.3	4.3	121.7	7.4	1.7	ABCN	11143
	11144	6ACWC	31.7	12.5	0.0	ABCN	3	2	0	22	662	28	30	100	0.6	4.9	121.1	3.2	0.7	ABCN	11144
	11145	6ACWC	35.3	12.5	0.0	ABCN	644	21	30	22	652	25	30	100	0.4	5.3	120.7	7.2	3.7	ABCN	11145
	1115	6ACWC	19.2	12.5	0.0	A N	36	30	6	4	36	30	6	77	0.1	0.5	125.5	0.0	-0.2	A N	1115
	11161	6ACWC	19.7	12.5	0.0	A N	44	37	8	5	44	37	8	77	0.2	0.2	125.8	0.1	-0.3	A N	11161
	11173	4ACSR	12.6	12.5	0.0	A N	10	8	2	1	10	8	2	77	0.0	2.6	123.4	0.0	-0.2	A N	11173
	1121	4ACSR	8.5	12.5	0.0	A N	6	5	1	3	22	18	4	78	0.2	0.4	125.6	0.0	-0.3	A N	1121
	11211	4ACSR	14.1	12.5	0.0	A N	16	13	3	2	16	13	3	77	0.1	0.5	125.5	0.0	-0.3	A N	11211

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********** Load-Flow Results For Mariba Ckt 4 **********
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Mariba Ckt 4

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					271	193	15	81			126.0			ABCN	Feeder
1104	4ACSR	3.0	12.5	0.0	A N	21	15	3	31	271	193	44	81	1.3	1.3	124.7	2.9	1.4	A N	1104
11042	4ACSR	7.5	12.5	0.0	A N	39	28	7	25	213	152	35	81	1.4	2.7	123.3	2.4	1.0	A N	11042
11043	4ACSR	12.3	12.5	0.0	A N	30	22	5	20	172	123	29	81	1.3	3.9	122.1	1.8	0.7	A N	11043
1102	4ACSR	16.8	12.5	0.0	A N	86	62	14	13	107	77	18	81	0.5	4.4	121.6	0.4	-0.0	A N	1102
11021	4ACSR	22.2	12.5	0.0	A N	21	15	4	2	21	15	3	82	0.1	4.5	121.5	0.0	-0.3	A N	11021
1103	4ACSR	16.5	12.5	0.0	A N	33	24	6	4	33	24	6	81	0.1	4.0	122.0	0.0	-0.2	A N	1103
11041	4ACSR	6.7	12.5	0.0	A N	33	24	5	4	33	24	5	81	0.1	1.4	124.6	0.0	-0.2	A N	11041

********** Load-Flow Results For Mt. Sterling Ckt 1 **********

Mt. Sterling Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1136	424	53	94			126.0			ABCN	Feeder
46300	4/0ACSR	0.9	12.5	0.0	ABCN	10	5	1	16	1136	424	53	94	0.1	0.1	125.9	0.9	1.0	ABCN	46300
463	4/0ACSR	7.7	12.5	0.0	ABCN	132	69	7	10	763	231	35	96	0.5	0.7	125.3	2.5	1.9	ABCN	463
4631	4/0ACSR	8.0	12.5	0.0	ABCN	2	-162	7	8	613	153	28	97	0.0	0.7	125.3	0.1	0.0	ABCN	4631
Capacitor (Wye-Gnd Connected) at Center of Section 4631																				
	ABCN : Nominal = 150 kvar						Actual = 164 kvar													
4635	4/0ACSR	8.8	12.5	0.0	ABCN	61	32	3	9	608	314	30	89	0.1	0.7	125.3	0.2	0.1	ABCN	4635
4638	4/0ACSR	10.8	12.5	0.0	ABCN	81	42	4	6	426	219	21	89	0.1	0.9	125.1	0.3	-0.0	ABCN	4638
4640	1/0EPR	11.4	12.5	0.0	A N	66	34	10	5	66	34	10	89	0.1	1.2	124.8	0.0	-0.0	A N	4640
4642	4/0ACSR	11.3	12.5	0.0	ABCN	28	14	1	4	280	143	14	89	0.0	0.9	125.1	0.0	-0.1	ABCN	4642
4641	1/0EPR	12.6	12.5	0.0	A N	89	46	13	7	89	46	13	89	0.2	1.4	124.6	0.1	0.0	A N	4641
4643	4/0ACSR	11.7	12.5	0.0	ABCN	37	19	2	2	163	82	8	89	0.0	0.9	125.1	0.0	-0.1	ABCN	4643
4644	1/0ACSR	12.3	12.5	0.0	ABCN	83	42	4	3	126	62	6	90	0.0	0.9	125.1	0.0	-0.1	ABCN	4644
4645	1/0ACSR	14.1	12.5	0.0	ABCN	-0	0	0	1	43	21	2	90	0.0	0.9	125.1	0.0	-0.3	ABCN	4645
461	1/0ACSR	18.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.9	125.1	0.0	-0.8	ABCN	461
Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 461																				
	ABCN : Tap = 0 NEUTRAL																			
Regulator		18.3	12.5	0.0	ABCN				0	0	0	0	0	-0.3	0.6	125.3	0.0	0.0	ABCN	Regulator
462	4ACSR	19.2	12.5	0.0	A N	43	22	6	5	43	22	6	89	0.2	1.4	124.6	0.1	-0.2	A N	462
4637	4ACSR	13.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.2	124.8	0.0	-0.1	A N	4637
4639	1/0EPR	10.0	12.5	0.0	A N	120	62	18	9	120	63	18	89	0.2	1.2	124.8	0.2	0.1	A N	4639
4633	4ACSR	9.2	12.5	0.0	A N	3	2	0	0	3	1	0	89	0.0	0.9	125.1	0.0	-0.1	A N	4633
4632	4ACSR	8.8	12.5	0.0	A N	15	8	2	2	15	8	2	89	0.0	0.9	125.1	0.0	-0.1	A N	4632
46430	4ACSR	2.2	12.5	0.0	A N	25	13	4	3	25	13	4	89	0.0	0.2	125.8	0.0	-0.1	A N	46430
464	4ACSR	2.2	12.5	0.0	A N	3	2	0	36	337	173	50	89	0.6	0.8	125.2	1.6	0.8	A N	464
46431	4ACSR	10.3	12.5	0.0	A N	72	37	11	36	332	171	50	89	3.6	4.3	121.7	8.6	4.1	A N	46431
46432	4ACSR	18.4	12.5	0.0	A N	57	30	9	28	252	129	39	89	2.8	7.1	118.9	5.2	2.4	A N	46432
465	4ACSR	25.2	12.5	0.0	A N	31	16	5	4	31	16	5	89	0.2	7.3	118.7	0.0	-0.3	A N	465
L 466	4ACSR	22.5	12.5	0.0	A N	11	6	2	18	159	81	25	89	1.0	8.1	117.9	1.3	0.5	A N	466
L 4661	4ACSR	28.4	12.5	0.0	A N	5	3	1	1	5	2	1	91	0.0	8.2	117.8	0.0	-0.3	A N	4661
L 4662	4ACSR	28.1	12.5	0.0	A N	109	57	17	16	142	73	23	89	0.8	8.9	117.1	0.8	0.2	A N	4662
L 4663	4ACSR	32.5	12.5	0.0	A N	4	2	1	0	4	2	1	90	0.0	8.9	117.1	0.0	-0.2	A N	4663
L 4664	4ACSR	32.8	12.5	0.0	A N	28	15	5	3	28	14	4	89	0.1	9.0	117.0	0.0	-0.2	A N	4664

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********** Load-Flow Results For Mt. Sterling Ckt 2 **********
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Mt. Sterling Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1858	618	43	95			126.0			ABCN	Feeder
477	336ACSR	1.3	24.9	0.0	ABCN	12	6	0	8	1858	618	43	95	0.0	0.0	126.0	0.4	-0.2	ABCN	477
4770	4/0ACSR	5.3	24.9	0.0	ABCN	28	15	1	12	1818	598	42	95	0.2	0.3	125.7	2.4	-0.2	ABCN	4770
503	4/0ACSR	11.4	24.9	0.0	ABCN	56	31	1	12	1730	555	40	95	0.3	0.6	125.4	3.2	-0.8	ABCN	503
5031	4/0ACSR	16.8	24.9	0.0	ABCN	44	-303	7	11	1671	525	39	95	0.3	0.8	125.2	2.9	-0.7	ABCN	5031
Capacitor (Wye-Gnd Connected) at Center of Section 5031																				
	ABCN : Nominal = 300 kvar						Actual = 327 kvar													
512	1/0ACSR	17.8	24.9	0.0	ABCN	35	19	1	15	1398	718	35	89	0.1	0.9	125.1	0.8	-0.2	ABCN	512
5122	1/0ACSR	19.7	24.9	0.0	ABCN	3	2	0	7	686	358	17	89	0.1	1.0	125.0	0.3	-1.1	ABCN	5122
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at SOURCE End of Section 5121																				
	A N : Tap = 1			RAISE																
Regulator			19.7	24.9	0.0	A N				51	682	357	51	89	-0.8	0.3	125.5	0.0	0.0	A N	Regulator
5121	4ACSR	22.3	24.9	0.0	A N	103	56	8	37	682	357	51	89	0.6	0.9	125.1	3.2	1.1	A N	5121
511	4ACSR	27.7	24.9	0.0	A N	109	59	8	30	561	293	42	89	1.0	1.9	124.1	4.2	1.1	A N	511
5100	6ACWC	30.4	24.9	0.0	A N	130	71	10	9	168	88	13	89	0.1	2.0	124.0	0.1	-0.5	A N	5100
510	6ACWC	31.9	24.9	0.0	A N	0	0	0	2	37	18	3	90	0.0	2.0	124.0	0.0	-0.3	A N	510
507	6ACWC	37.2	24.9	0.0	A N	13	7	1	1	13	6	1	91	0.0	2.0	124.0	0.0	-1.0	A N	507
517	6ACWC	37.4	24.9	0.0	A N	24	13	2	1	24	12	2	90	0.0	2.0	124.0	0.0	-1.1	A N	517
520	6ACWC	33.0	24.9	0.0	A N	119	64	9	15	280	144	21	89	0.4	2.3	123.7	0.8	-0.6	A N	520
5200	6ACWC	37.2	24.9	0.0	A N	43	23	3	2	43	22	3	89	0.0	2.4	123.6	0.0	-0.8	A N	5200
5201	6ACWC	39.5	24.9	0.0	A N	118	59	9	6	118	58	9	90	0.1	2.5	123.5	0.1	-1.2	A N	5201
5123	4ACSR	28.3	24.9	0.0	A N	14	8	1	1	14	7	1	91	0.0	0.9	125.1	0.0	-1.2	A N	5123
5216	336ACSR	18.5	24.9	0.0	A N	0	0	0	10	676	341	51	89	0.0	1.0	125.0	0.1	0.2	A N	5216
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 5216																				
	A N : Tap = 1			RAISE																
Regulator			18.5	24.9	0.0	A N				51	676	341	51	89	-0.8	0.2	125.6	0.0	0.0	A N	Regulator
5120	4ACSR	23.2	24.9	0.0	A N	82	44	6	4	82	44	6	88	0.1	0.3	125.7	0.0	-0.9	A N	5120
521	336ACSR	23.4	24.9	0.0	A N	121	50	9	8	594	297	44	89	0.3	0.5	125.5	0.7	0.4	A N	521
5211	6ACWC	24.6	24.9	0.0	A N	13	7	1	22	414	215	31	89	0.2	0.7	125.3	0.5	0.1	A N	5211
5213	6ACWC	26.6	24.9	0.0	A N	34	18	3	20	380	198	29	89	0.3	0.9	125.1	0.7	0.0	A N	5213
5215	6ACWC	30.4	24.9	0.0	A N	113	62	9	15	284	146	21	89	0.3	1.2	124.8	0.6	-0.4	A N	5215
543	4ACSR	33.8	24.9	0.0	A N	29	11	2	1	29	11	2	94	0.0	1.3	124.7	0.0	-0.7	A N	543
5433	4ACSR	31.1	24.9	0.0	A N	0	0	0	8	141	74	11	88	0.0	1.3	124.7	0.0	-0.1	A N	5433
5430	4ACSR	34.9	24.9	0.0	A N	42	23	3	2	42	22	3	89	0.0	1.3	124.7	0.0	-0.7	A N	5430
5431	4ACSR	37.6	24.9	0.0	A N	99	54	8	5	99	52	7	88	0.1	1.4	124.6	0.1	-1.2	A N	5431
5432	4ACSR	37.7	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.4	124.6	0.0	-0.0	A N	5432
5214	4ACSR	28.9	24.9	0.0	A N	62	34	5	3	62	33	5	88	0.0	1.0	125.0	0.0	-0.5	A N	5214
5212	6ACWC	26.5	24.9	0.0	A N	20	11	2	1	20	11	2	89	0.0	0.7	125.3	0.0	-0.4	A N	5212
5210	6ACWC	26.1	24.9	0.0	A N	59	32	4	3	59	31	4	88	0.0	0.5	125.5	0.0	-0.5	A N	5210
513	1/0ACSR	21.6	24.9	0.0	ABCN	44	24	1	2	226	111	6	90	0.1	0.9	125.1	0.1	-3.6	ABCN	513
523	1/0ACSR	27.6	24.9	0.0	ABCN	100	54	3	1	100	50	2	90	0.0	0.9	125.1	0.0	-4.5	ABCN	523
Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 523																				
	ABCN : Tap = 1			RAISE																
Regulator			27.6	24.9	0.0	ABCN				0	0	0	0	0	-0.8	0.1	125.7	0.0	0.0	ABCN	Regulator
514	4ACSR	27.0	24.9	0.0	A N	37	20	3	4	82	41	6	89	0.1	1.1	124.9	0.1	-1.0	A N	514
515	4ACSR	32.3	24.9	0.0	A N	25	14	2	1	25	13	2	89	0.0	1.1	124.9	0.0	-1.1	A N	515
516	4ACSR	33.7	24.9	0.0	A N	20	11	2	1	20	9	1	90	0.0	1.1	124.9	0.0	-1.3	A N	516
500	4ACSR	10.0	24.9	0.0	A N	0	0	0	3	58	28	4	90	0.1	0.4	125.6	0.0	-0.9	A N	500
5002	4ACSR	15.5	24.9	0.0	A N	14	8	1	1	14	7	1	91	0.0	0.4	125.6	0.0	-1.1	A N	5002
5001	4ACSR	16.2	24.9	0.0	A N	43	23	3	2	43	22	3	89	0.1	0.4	125.6	0.0	-1.3	A N	5001
478	4ACSR	5.6	24.9	0.0	A N	27	15	2	1	27	14	2	89	0.0	0.1	125.9	0.0	-0.9	A N	478

********** Load-Flow Results For Mt. Sterling Ckt 3 **********

Mt. Sterling Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1506	736	74	90			126.0			ABCN	Feeder
	476	336ACSR	1.3	12.5	0.0	ABCN	48	24	2	14	1506	736	74	90	0.2	0.2	125.8	1.2	2.3	ABCN	476
	47600	1/0ACSR	6.1	12.5	0.0	ABCN	89	45	4	31	1457	710	72	90	1.5	1.6	124.4	14.8	10.3	ABCN	47600
	47601	1/0ACSR	9.6	12.5	0.0	ABCN	18	9	1	29	1353	655	67	90	1.0	2.6	123.4	9.7	6.7	ABCN	47601
	501	1/0ACSR	14.2	12.5	0.0	ABCN	3	1	0	28	1301	628	65	90	1.3	3.9	122.1	12.4	8.5	ABCN	501
	504	1/0ACSR	19.6	12.5	0.0	ABCN	22	11	1	22	1012	483	51	90	1.2	5.1	120.9	8.7	5.6	ABCN	504
	50400	1/0ACSR	24.5	12.5	0.0	ABCN	52	26	3	22	981	466	50	90	1.0	6.1	119.9	7.4	4.7	ABCN	50400
	506	1/0ACSR	26.4	12.5	0.0	ABCN	16	8	1	17	760	354	39	91	0.3	6.4	119.6	1.8	1.0	ABCN	506
	50600	1/0ACSR	27.7	12.5	0.0	ABCN	16	8	1	17	742	345	38	91	0.2	6.7	119.3	1.2	0.7	ABCN	50600
	540	1/0ACSR	31.0	12.5	0.0	ABCN	15	7	1	16	725	337	37	91	0.5	7.2	118.8	2.9	1.6	ABCN	540
	54000	4ACSR	34.3	12.5	0.0	A N	105	53	17	12	106	53	17	89	0.3	7.8	118.2	0.2	-0.0	A N	54000
	54001	1/0ACSR	36.5	12.5	0.0	ABCN	146	73	8	13	601	274	31	91	0.6	7.8	118.2	2.9	1.4	ABCN	54001
L	537	1/0ACSR	41.0	12.5	0.0	ABCN	161	54	8	10	452	199	23	91	0.4	8.2	117.8	1.3	0.3	ABCN	537
L	307	4ACSR	45.8	12.5	0.0	A N	31	16	5	11	95	47	15	90	0.6	9.7	116.3	0.4	0.0	A N	307
L	30700	4ACSR	50.3	12.5	0.0	A N	25	13	4	7	63	31	10	90	0.4	10.0	116.0	0.2	-0.1	A N	30700
L	277	6ACWC	56.0	12.5	0.0	A N	38	19	6	4	38	19	6	90	0.2	10.2	115.8	0.1	-0.2	A N	277
L	31400	4ACSR	44.2	12.5	0.0	A N	40	20	6	22	193	96	31	90	0.9	9.9	116.1	1.3	0.6	A N	31400
L	314	4ACSR	46.7	12.5	0.0	A N	53	27	9	11	95	47	15	90	0.3	10.2	115.8	0.2	-0.0	A N	314
L	3141	4ACSR	47.1	12.5	0.0	A N	0	0	0	0	-0	-0	0	0	-0.0	10.2	115.8	-0.0	-0.0	A N	3141
L	330	4ACSR	55.0	12.5	0.0	A N	42	21	7	5	42	21	7	90	0.3	10.5	115.5	0.1	-0.3	A N	330
L	31401	4ACSR	48.9	12.5	0.0	A N	56	28	9	6	56	28	9	90	0.2	10.2	115.8	0.1	-0.2	A N	31401
	505	4ACSR	27.4	12.5	0.0	A N	41	20	6	18	162	80	25	90	0.7	7.1	118.9	0.8	0.3	A N	505
	246	4ACSR	33.1	12.5	0.0	A N	100	50	16	13	120	60	19	90	0.6	7.7	118.3	0.5	0.0	A N	246
	24600	4ACSR	38.5	12.5	0.0	A N	20	10	3	2	20	10	3	90	0.1	7.8	118.2	0.0	-0.2	A N	24600
	2451	4ACSR	19.8	12.5	0.0	A N	35	17	5	30	273	135	42	90	2.2	6.3	119.7	4.6	2.1	A N	2451
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 2451																				
	A N : Tap = 8 RAISE																				
	Regulator		19.8	12.5	0.0	A N				36	234	115	36	90	-6.0	0.3	125.7	-0.0	0.0	A N	Regulator
	24500	4ACSR	27.4	12.5	0.0	A N	67	34	10	25	234	115	35	90	2.2	2.6	123.4	3.6	1.5	A N	24500
	244	4ACSR	34.1	12.5	0.0	A N	42	21	6	18	163	80	25	90	1.4	4.0	122.0	1.6	0.5	A N	244
	255	4ACSR	41.3	12.5	0.0	A N	51	26	8	8	77	38	12	90	0.6	4.5	121.5	0.3	-0.2	A N	255
	256	4ACSR	46.1	12.5	0.0	A N	17	9	3	3	26	12	4	90	0.1	4.7	121.3	0.0	-0.2	A N	256
	25600	4ACSR	51.6	12.5	0.0	A N	8	4	1	1	8	4	1	91	0.0	4.7	121.3	0.0	-0.3	A N	25600
	243	4ACSR	40.7	12.5	0.0	A N	42	21	6	5	42	21	6	90	0.2	4.2	121.8	0.1	-0.3	A N	243
	502	4ACSR	17.1	12.5	0.0	A N	24	12	4	3	24	12	4	90	0.1	2.9	123.1	0.0	-0.4	A N	502

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********** Load-Flow Results For Reid Village Ckt 1 **********
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Reid Village Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1707	853	84	89			126.0			ABCN	Feeder
	46043	336ACSR	0.2	12.5	0.0	ABCN	0	0	0	16	1707	853	84	89	0.0	0.0	126.0	0.3	0.5	ABCN	46043
	46042	4ACSR	0.3	12.5	0.0	ABCN	0	0	0	60	1707	852	84	89	0.1	0.1	125.9	1.3	0.4	ABCN	46042
	227	4ACSR	3.0	12.5	0.0	ABCN	7	3	0	51	1437	716	71	89	1.6	1.7	124.3	19.2	5.9	ABCN	227
	2272	4ACSR	6.8	12.5	0.0	ABCN	64	33	3	43	1213	604	61	90	1.9	3.6	122.4	19.3	5.8	ABCN	2272
	2273	4ACSR	9.1	12.5	0.0	ABCN	129	67	7	41	1130	565	57	89	1.1	4.7	121.3	10.2	3.0	ABCN	2273
	226	4ACSR	11.6	12.5	0.0	ABCN	4	2	0	34	943	471	48	89	1.0	5.6	120.4	8.3	2.3	ABCN	226
	2261	4ACSR	13.1	12.5	0.0	ABCN	18	9	1	31	843	421	44	89	0.6	6.2	119.8	4.3	1.2	ABCN	2261
	225	4ACSR	13.9	12.5	0.0	AB N	23	12	2	35	639	316	50	90	0.4	6.6	119.4	2.0	0.8	AB N	225
L	2252	4ACSR	17.8	12.5	0.0	AB N	35	18	3	31	566	278	44	90	1.5	8.2	117.8	7.2	2.7	AB N	2252
L	2253	4ACSR	21.5	12.5	0.0	AB N	52	27	4	29	523	257	41	90	1.3	9.5	116.5	5.8	2.2	AB N	2253
L	222	4ACSR	24.5	12.5	0.0	AB N	53	18	4	17	306	146	24	90	0.6	10.1	115.9	1.5	0.4	AB N	222
L	2221	4ACSR	31.9	12.5	0.0	A N	136	71	22	16	137	71	22	89	0.8	11.9	114.1	1.0	0.2	A N	2221
L	2222	4ACSR	27.5	12.5	0.0	AB N	0	-0	0	7	114	57	9	89	0.3	10.4	115.6	0.3	-0.2	AB N	2222
L	230	4ACSR	32.7	12.5	0.0	AB N	39	20	3	7	113	58	9	89	0.4	10.7	115.3	0.3	-0.3	AB N	230
L	2301	4ACSR	37.2	12.5	0.0	AB N	72	38	6	4	73	38	6	89	0.1	10.8	115.2	0.2	-0.3	AB N	2301
L	223	4ACSR	26.5	12.5	0.0	A N	82	43	13	18	157	82	26	89	0.9	11.3	114.7	1.1	0.3	A N	223
L	2231	2ACSR	33.3	12.5	0.0	A N	74	39	12	7	74	39	12	89	0.3	11.6	114.4	0.2	-0.2	A N	2231
	2251	4ACSR	22.1	12.5	0.0	A N	48	25	8	5	48	25	8	89	0.3	7.3	118.7	0.1	-0.3	A N	2251
	224	4ACSR	18.2	12.5	0.0	A N	110	57	17	20	181	94	29	89	1.0	7.6	118.4	1.3	0.4	A N	224
	2241	4ACSR	25.2	12.5	0.0	A N	70	37	11	8	71	37	11	89	0.4	8.0	118.0	0.2	-0.2	A N	2241
	2262	4ACSR	16.2	12.5	0.0	A N	87	46	14	10	88	46	14	89	0.3	6.3	119.7	0.2	-0.1	A N	2262
	212	4ACSR	14.1	12.5	0.0	ABCN	32	17	2	2	48	23	2	90	0.1	4.7	121.3	0.0	-0.8	ABCN	212
	2121	4ACSR	20.7	12.5	0.0	ABCN	16	8	1	1	16	7	1	91	0.0	4.7	121.3	0.0	-1.1	ABCN	2121
	2271	4ACSR	8.4	12.5	0.0	A N	196	102	30	21	197	103	30	89	0.8	2.5	123.5	1.3	0.4	A N	2271
	455	4ACSR	4.8	12.5	0.0	A N	63	28	9	29	269	135	40	89	1.6	1.7	124.3	3.0	1.4	A N	455
	4551	4ACSR	8.7	12.5	0.0	A N	4	2	1	22	203	106	31	89	1.2	2.9	123.1	1.9	0.8	A N	4551
	4553	4ACSR	11.1	12.5	0.0	A N	3	2	0	0	3	1	0	90	0.0	2.9	123.1	0.0	-0.1	A N	4553
	4552	4ACSR	15.0	12.5	0.0	A N	193	101	30	21	194	101	30	89	0.9	3.8	122.2	1.5	0.5	A N	4552

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********** Load-Flow Results For Reid Village Ckt 2 **********
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Reid Village Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1313	341	60	97			126.0			ABCN	Feeder
46044	336ACSR	0.2	12.5	0.0	ABCN	-0	0	0	11	1313	341	60	97	0.0	0.0	126.0	0.2	0.3	ABCN	46044
46045	336ACSR	0.4	12.5	0.0	ABCN	-0	0	0	11	1312	340	60	97	0.0	0.0	126.0	0.1	0.2	ABCN	46045
4604	4ACSR	2.1	12.5	0.0	ABCN	116	62	6	43	1312	340	60	97	0.8	0.9	125.1	8.1	2.4	ABCN	4604
4601	4ACSR	2.8	12.5	0.0	ABCN	26	14	1	35	1088	223	49	98	0.3	1.2	124.8	2.5	0.7	ABCN	4601
460	4ACSR	3.5	12.5	0.0	ABCN	80	21	4	20	629	-20	28	-100	0.1	1.3	124.7	0.7	0.1	ABCN	460
4615	1/0ACSR	3.6	12.5	0.0	ABCN	3	2	0	6	230	-203	14	-75	0.0	1.3	124.7	0.0	-0.0	ABCN	4615
46146	1/0ACSR	5.6	12.5	0.0	ABCN	0	-324	14	6	214	-211	13	-71	0.1	1.4	124.6	0.2	-0.2	ABCN	46146
Capacitor (Wye-Gnd Connected) at Center of Section 46146																				
	ABCN : Nominal = 300 kvar						Actual = 324 kvar													
4614	1/0ACSR	7.5	12.5	0.0	ABCN	33	18	2	3	143	75	7	88	0.1	1.4	124.6	0.1	-0.3	ABCN	4614
46142	336ACSR	8.2	12.5	0.0	ABCN	-0	0	0	1	110	58	6	88	0.0	1.4	124.6	0.0	-0.1	ABCN	46142
4612	1/0EPR	10.9	12.5	0.0	A N	73	39	11	7	94	50	14	88	0.6	2.2	123.8	0.3	0.2	A N	4612
4613	1/0EPR	12.1	12.5	0.0	A N	21	11	3	2	21	11	3	88	0.0	2.2	123.8	0.0	-0.1	A N	4613
46141	336ACSR	8.5	12.5	0.0	ABCN	15	8	1	0	15	8	1	88	0.0	1.4	124.6	0.0	-0.1	ABCN	46141
46143	1/0ACSR	7.3	12.5	0.0	ABCN	8	4	0	2	71	37	4	89	0.0	1.4	124.6	0.0	-0.3	ABCN	46143
46144	1/0EPR	7.4	12.5	0.0	ABCN	0	-0	0	2	63	34	3	88	0.0	1.4	124.6	0.0	-0.0	ABCN	46144
46145	1/0ACSR	8.1	12.5	0.0	ABCN	63	34	3	1	63	34	3	88	0.0	1.4	124.6	0.0	-0.1	ABCN	46145
4616	1/0EPR	5.3	12.5	0.0	A N	13	7	2	1	13	7	2	89	0.0	1.5	124.5	0.0	-0.1	A N	4616
457	4ACSR	6.1	12.5	0.0	ABCN	46	24	2	11	318	163	16	89	0.3	1.6	124.4	0.8	-0.2	ABCN	457
4571	4ACSR	7.4	12.5	0.0	ABCN	6	3	0	8	219	111	11	89	0.1	1.7	124.3	0.2	-0.2	ABCN	4571
4579	4ACSR	7.6	12.5	0.0	ABCN	8	5	0	4	121	64	6	88	0.0	1.8	124.2	0.0	-0.0	ABCN	4579
45792	1/0EPR	10.0	12.5	0.0	A N	7	4	1	1	7	4	1	89	0.0	2.0	124.0	0.0	-0.1	A N	45792
45793	4ACSR	7.9	12.5	0.0	ABCN	0	-0	0	4	105	56	5	88	0.0	1.8	124.2	0.0	-0.0	ABCN	45793
4575	4ACSR	8.1	12.5	0.0	A N	0	0	0	11	99	53	15	88	0.0	2.0	124.0	0.0	0.0	A N	4575
4574	4ACSR	9.9	12.5	0.0	A N	40	21	6	4	40	21	6	88	0.1	2.1	123.9	0.0	-0.1	A N	4574
4576	4ACSR	8.7	12.5	0.0	A N	0	0	0	6	59	31	9	88	0.0	2.1	123.9	0.0	-0.0	A N	4576
4577	1/0EPR	10.6	12.5	0.0	A N	26	14	4	2	26	14	4	88	0.1	2.1	123.9	0.0	-0.1	A N	4577
4578	1/0EPR	10.6	12.5	0.0	A N	33	18	5	3	33	18	5	88	0.1	2.2	123.8	0.0	-0.1	A N	4578
45791	1/0EPR	10.9	12.5	0.0	A N	6	3	1	0	6	3	1	89	0.0	2.0	124.0	0.0	-0.2	A N	45791
4573	4ACSR	9.5	12.5	0.0	A N	91	44	14	10	91	44	14	90	0.1	2.1	123.9	0.1	-0.0	A N	4573
4572	4ACSR	9.0	12.5	0.0	A N	53	28	8	6	53	28	8	88	0.1	1.9	124.1	0.1	-0.1	A N	4572
4602	4ACSR	4.4	12.5	0.0	ABCN	119	64	6	16	431	228	22	88	0.2	1.4	124.6	0.9	0.1	ABCN	4602
4608	4ACSR	6.6	12.5	0.0	ABCN	-0	-0	0	11	311	165	16	88	0.3	1.7	124.3	0.8	-0.1	ABCN	4608
4605	4ACSR	8.4	12.5	0.0	A N	94	50	14	10	94	50	14	88	0.1	2.0	124.0	0.1	-0.0	A N	4605
4606	4ACSR	7.9	12.5	0.0	A N	106	57	16	23	215	114	33	88	0.3	2.2	123.8	0.4	0.2	A N	4606
4607	4ACSR	10.9	12.5	0.0	A N	108	58	17	12	108	58	17	88	0.3	2.5	123.5	0.2	-0.0	A N	4607
4603	4ACSR	4.0	12.5	0.0	A N	99	53	15	11	99	53	15	88	0.1	1.1	124.9	0.1	-0.0	A N	4603

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********** Load-Flow Results For Rockwell Ckt 1 **********
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Rockwell Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	Losses KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					1015	41	45	100			126.0			ABCN	Feeder
13131D	336ACSR	0.0	12.5	0.0	ABCN	0	-0	0	8	1015	41	45	100	0.0	0.0	126.0	0.0	0.0	ABCN	13131D
13131	1/0ACSR	0.4	12.5	0.0	ABCN	0	-0	0	19	1015	41	45	100	0.1	0.1	125.9	0.5	0.3	ABCN	13131
1309	1/0ACSR	0.5	12.5	0.0	ABCN	10	28	1	7	134	366	17	34	0.0	0.1	125.9	0.0	-0.0	ABCN	1309
1308	1/0ACSR	2.6	12.5	0.0	A N	124	337	48	21	124	338	48	34	0.3	0.3	125.7	0.6	0.5	A N	1308
1329	1/0ACSR	3.2	12.5	0.0	ABCN	291	-329	19	18	880	-325	41	-94	0.3	0.3	125.7	2.6	1.5	ABCN	1329
Capacitor (Wye-Gnd Connected) at Center of Section 1329																				
ABCN : Nominal = 300 kvar Actual = 330 kvar																				
1330	1/0EPR	3.7	12.5	0.0	ABCN	584	0	26	13	586	2	26	100	0.1	0.4	125.6	1.5	1.5	ABCN	1330

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********** Load-Flow Results For Rockwell Ckt 2 **********
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Rockwell Ckt 2

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1346	-949	73	-82			126.0			ABCN	Feeder
H	13142D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	14	1346	-949	73	-82	-0.0	-0.0	126.0	0.0	0.0	ABCN	13142D
	13142	1/0ACSR	0.8	12.5	0.0	ABCN	7	0	0	32	1346	-949	73	-82	0.1	0.1	125.9	2.8	2.0	ABCN	13142
	131421	1/0ACSR	1.1	12.5	0.0	ABCN	0	-661	29	31	1300	-951	71	-81	0.0	0.1	125.9	0.6	0.4	ABCN	131421
	Capacitor (Wye-Gnd Connected) at Center of Section 131421																				
	ABCN : Nominal = 600 kvar Actual = 661 kvar																				
	13261	1/0ACSR	1.6	12.5	0.0	ABCN	25	-565	25	26	1300	-291	59	-98	0.1	0.2	125.8	1.2	0.8	ABCN	13261
	Capacitor (Wye-Gnd Connected) at Center of Section 13261																				
	ABCN : Nominal = 600 kvar Actual = 660 kvar																				
	13241	1/0ACSR	1.9	12.5	0.0	ABCN	15	57	3	8	294	267	18	74	0.0	0.2	125.8	0.1	-0.0	ABCN	13241
	13231	1/0ACSR	2.0	12.5	0.0	ABCN	224	-0	10	7	279	210	15	80	0.0	0.2	125.8	0.0	-0.0	ABCN	13231
	13222	1/0EPR	3.1	12.5	0.0	A N	38	147	20	10	38	147	20	25	0.2	0.5	125.5	0.2	0.2	A N	13222
	13232	4ACSR	2.5	12.5	0.0	A N	16	63	9	6	16	63	9	25	0.0	0.3	125.7	0.0	-0.0	A N	13232
	13251	1/0ACSR	2.9	12.5	0.0	ABCN	977	4	43	19	980	7	43	100	0.1	0.3	125.7	2.9	2.7	ABCN	13251
	13281	1/0ACSR	1.3	12.5	0.0	ABCN	36	-0	2	1	36	-0	2	-100	0.0	0.1	125.9	0.0	-0.1	ABCN	13281

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********** Load-Flow Results For Rockwell Ckt 3 **********
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Rockwell Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					799	1947	93	38			126.0			ABCN	Feeder
13143D	336ACSR	0.0	12.5	0.0	ABCN	0	0	0	18	799	1947	93	38	0.0	0.0	126.0	0.0	0.0	ABCN	13143D
13143	1/0ACSR	0.3	12.5	0.0	ABCN	-0	0	0	40	799	1947	93	38	0.1	0.1	125.9	1.5	1.1	ABCN	13143
13141	1/0ACSR	1.4	12.5	0.0	ABCN	41	100	5	40	798	1946	93	38	0.4	0.5	125.5	5.7	4.1	ABCN	13141
13181	1/0ACSR	1.5	12.5	0.0	ABCN	-0	0	0	35	692	1695	81	38	0.1	0.5	125.5	0.7	0.5	ABCN	13181
13171	1/0ACSR	1.8	12.5	0.0	ABCN	9	22	1	35	691	1695	81	38	0.1	0.6	125.4	1.0	0.7	ABCN	13171
13161	1/0ACSR	2.2	12.5	0.0	ABCN	22	55	3	26	513	1259	60	38	0.1	0.7	125.3	0.9	0.6	ABCN	13161
13151	1/0ACSR	2.5	12.5	0.0	ABCN	-0	-0	0	17	336	826	40	38	0.1	0.7	125.3	0.3	0.2	ABCN	13151
13012	1/0ACSR	2.9	12.5	0.0	ABCN	-0	0	0	12	230	565	27	38	0.0	0.8	125.2	0.2	0.1	ABCN	13012
13011	1/0ACSR	3.3	12.5	0.0	ABCN	30	74	4	12	230	565	27	38	0.0	0.8	125.2	0.2	0.1	ABCN	13011
1302	1/0ACSR	4.1	12.5	0.0	AB N	88	218	16	15	199	491	35	38	0.1	0.9	125.1	0.3	0.2	AB N	1302
1303	1/0ACSR	5.5	12.5	0.0	A N	110	272	39	17	111	272	39	38	0.2	1.2	124.8	0.3	0.2	A N	1303
1305	1/0EPR	3.2	12.5	0.0	A N	66	163	24	19	106	260	37	38	0.4	1.2	124.8	0.6	0.6	A N	1305
1304	1/0EPR	3.5	12.5	0.0	A N	39	96	14	7	39	96	14	38	0.0	1.3	124.7	0.0	0.0	A N	1304
1306	1/0EPR	2.4	12.5	0.0	A N	14	36	5	27	154	377	54	38	0.3	1.1	124.9	0.7	0.8	A N	1306
1307	1/0EPR	2.8	12.5	0.0	A N	42	104	15	15	84	207	30	38	0.2	1.3	124.7	0.2	0.2	A N	1307
1310	1/0EPR	3.3	12.5	0.0	A N	42	103	15	7	42	103	15	38	0.1	1.3	124.7	0.1	0.0	A N	1310
1332	1/0EPR	2.9	12.5	0.0	A N	54	134	19	10	55	134	19	38	0.1	1.2	124.8	0.1	0.1	A N	1332
1333	1/0EPR	2.0	12.5	0.0	ABCN	0	0	0	10	168	413	20	38	0.1	0.7	125.3	0.3	0.2	ABCN	1333
1334	1/0EPR	2.4	12.5	0.0	ABCN	41	100	5	10	168	413	20	38	0.1	0.8	125.2	0.4	0.3	ABCN	1334
1312	1/0EPR	3.1	12.5	0.0	ABCN	126	312	15	7	127	312	15	38	0.1	1.0	125.0	0.7	0.6	ABCN	1312
1335	1/0EPR	2.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.9	125.1	0.0	-0.0	A N	1335
13191	2ACSR	2.2	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.0	A N	13191
13201	1/0EPR	2.1	12.5	0.0	A N	59	146	21	11	59	147	21	38	0.2	0.7	125.3	0.2	0.1	A N	13201

********** Load-Flow Results For Sand Lick Ckt 1 **********

Sand Lick Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					0	-3	0	0			126.0			ABCN	Feeder
H	1016	4ACSR	7.1	12.5	0.0	ABCN	0	0	0	0	0	-3	0	0	-0.0	-0.0	126.0	0.0	-1.3	ABCN	1016
H	10161	2ACSR	12.3	12.5	0.0	ABCN	0	0	0	0	0	-2	0	0	-0.0	-0.0	126.0	0.0	-1.0	ABCN	10161
H	778	2ACSR	16.5	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	-0.0	126.0	0.0	-0.8	ABCN	778

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********** Load-Flow Results For Sand Lick Ckt 2 **********
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Sand Lick Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	-- 120V Base -- Accm Volt Drop	-- 120V Base -- Volt Level	Losses KW	Losses KVAR	Phs Cfg	Phs Section
Feeder			12.5	0.0	ABCN					3	10	0	26			126.0			ABCN	Feeder
1015	2ACSR	3.6	12.5	0.0	ABCN	-0	0	0	0	3	10	0	26	0.0	0.0	126.0	0.0	-0.7	ABCN	1015
10151	2ACSR	9.2	12.5	0.0	ABCN	0	0	0	0	3	11	1	25	0.0	0.0	126.0	0.0	-1.0	ABCN	10151
783	2ACSR	12.5	12.5	0.0	ABCN	3	13	1	0	3	12	1	23	0.0	0.0	126.0	0.0	-0.6	ABCN	783

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********** Load-Flow Results For Sideview Ckt 1 **********
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Sideview Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			24.9	0.0	ABCN					1199	476	28	93			126.0			ABCN	Feeder
162	1/0ACSR	7.7	24.9	0.0	ABCN	40	18	1	12	1199	476	28	93	0.5	0.5	125.5	3.9	-3.0	ABCN	162
157	1/0ACSR	11.2	24.9	0.0	ABCN	16	7	0	11	1038	414	25	93	0.2	0.6	125.4	1.4	-1.7	ABCN	157
160	1/0ACSR	15.5	24.9	0.0	ABCN	17	8	0	10	940	374	22	93	0.2	0.9	125.1	1.3	-2.2	ABCN	160
133	1/0ACSR	20.4	24.9	0.0	ABCN	32	14	1	8	806	321	19	93	0.2	1.1	124.9	1.1	-2.9	ABCN	133
1331	1/0ACSR	25.3	24.9	0.0	ABCN	52	24	1	8	774	309	19	93	0.2	1.2	124.8	1.0	-2.9	ABCN	1331
145	4ACSR	30.4	24.9	0.0	A N	23	10	2	20	397	154	29	93	0.7	2.0	124.0	2.1	0.1	A N	145
1451	4ACSR	33.3	24.9	0.0	A N	10	5	1	19	372	144	27	93	0.4	2.4	123.6	1.1	-0.0	A N	1451
144	4ACSR	39.6	24.9	0.0	A N	14	7	1	19	361	139	26	93	0.8	3.2	122.8	2.2	-0.1	A N	144
142	4ACSR	46.3	24.9	0.0	A N	8	4	1	16	312	119	23	93	0.7	3.9	122.1	1.8	-0.4	A N	142
1412	4ACSR	50.7	24.9	0.0	A N	10	5	1	1	10	4	1	94	0.0	4.0	122.0	0.0	-0.8	A N	1412
141	4ACSR	51.8	24.9	0.0	A N	51	23	4	15	292	112	21	93	0.5	4.5	121.5	1.1	-0.5	A N	141
1411	4ACSR	56.8	24.9	0.0	A N	28	13	2	13	240	90	18	94	0.4	4.9	121.1	0.7	-0.6	A N	1411
137	4ACSR	58.9	24.9	0.0	A N	18	8	1	10	182	66	13	94	0.1	5.0	121.0	0.2	-0.3	A N	137
1378	4ACSR	67.7	24.9	0.0	A N	43	20	3	2	44	18	3	92	0.1	5.1	120.9	0.0	-1.6	A N	1378
1379	4ACSR	66.3	24.9	0.0	A N	10	5	1	6	121	40	9	95	0.3	5.3	120.7	0.3	-1.2	A N	1379
1371	4ACSR	71.2	24.9	0.0	A N	20	1	1	1	20	-0	1	-100	0.0	5.3	120.7	0.0	-0.9	A N	1371
1372	4ACSR	71.2	24.9	0.0	A N	9	4	1	5	91	36	7	93	0.2	5.5	120.5	0.1	-0.9	A N	1372
1373	4ACSR	75.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-26	-0.0	5.5	120.5	0.0	-0.8	A N	1373
1374	4ACSR	76.1	24.9	0.0	A N	16	8	1	4	82	34	6	92	0.1	5.6	120.4	0.1	-0.9	A N	1374
1375	4ACSR	79.2	24.9	0.0	A N	27	12	2	4	65	27	5	92	0.1	5.7	120.3	0.0	-0.6	A N	1375
1376	4ACSR	83.9	24.9	0.0	A N	10	4	1	1	10	3	1	94	0.0	5.7	120.3	0.0	-0.9	A N	1376
1377	4ACSR	83.3	24.9	0.0	A N	29	13	2	2	29	12	2	92	0.0	5.7	120.3	0.0	-0.8	A N	1377
140	4ACSR	65.0	24.9	0.0	A N	29	13	2	2	29	12	2	93	0.0	4.9	121.1	0.0	-1.5	A N	140
143	6ACWC	47.8	24.9	0.0	A N	32	15	2	2	32	13	2	93	0.0	3.2	122.8	0.0	-1.6	A N	143
146	4ACSR	28.7	24.9	0.0	A N	15	7	1	17	323	134	23	92	0.4	1.7	124.3	0.9	-0.2	A N	146
147	4ACSR	32.4	24.9	0.0	A N	6	3	0	13	242	104	18	92	0.3	2.0	124.0	0.6	-0.4	A N	147
1471	4ACSR	38.1	24.9	0.0	A N	31	14	2	2	31	13	2	92	0.0	2.0	124.0	0.0	-1.1	A N	1471
1472	4ACSR	35.5	24.9	0.0	A N	29	13	2	11	205	89	15	92	0.2	2.2	123.8	0.3	-0.4	A N	1472
1501	4ACSR	37.0	24.9	0.0	A N	0	0	0	2	40	17	3	92	0.0	2.3	123.7	0.0	-0.3	A N	1501
150	4ACSR	42.1	24.9	0.0	A N	40	18	3	2	40	17	3	92	0.0	2.3	123.7	0.0	-1.0	A N	150
151	4ACSR	42.8	24.9	0.0	A N	93	42	7	7	135	59	10	92	0.2	2.5	123.5	0.2	-1.3	A N	151
1511	4ACSR	48.6	24.9	0.0	A N	42	19	3	2	42	18	3	92	0.0	2.5	123.5	0.0	-1.1	A N	1511
148	4ACSR	35.2	24.9	0.0	A N	3	1	0	3	65	23	5	94	0.1	1.8	124.2	0.1	-1.3	A N	148
1481	4ACSR	40.8	24.9	0.0	A N	20	9	1	3	62	23	4	94	0.1	1.9	124.1	0.0	-1.1	A N	1481
4222	4ACSR	41.1	24.9	0.0	A N	0	0	0	2	42	15	3	94	0.0	1.9	124.1	0.0	-0.1	A N	4222
422	4ACSR	45.2	24.9	0.0	A N	13	6	1	1	24	9	2	93	0.0	2.0	124.0	0.0	-0.8	A N	422
4221	4ACSR	49.2	24.9	0.0	A N	11	5	1	1	11	4	1	93	0.0	2.0	124.0	0.0	-0.8	A N	4221
417	4ACSR	47.1	24.9	0.0	A N	3	1	0	1	18	6	1	95	0.0	2.0	124.0	0.0	-1.2	A N	417
4171	4ACSR	52.9	24.9	0.0	A N	15	7	1	1	15	6	1	93	0.0	2.0	124.0	0.0	-1.1	A N	4171
152	4ACSR	18.4	24.9	0.0	A N	16	7	1	6	115	48	8	92	0.1	1.0	125.0	0.1	-0.5	A N	152
1521	4ACSR	22.3	24.9	0.0	A N	17	8	1	4	68	29	5	92	0.1	1.1	124.9	0.0	-0.8	A N	1521
1522	4ACSR	27.6	24.9	0.0	A N	51	23	4	3	51	22	4	92	0.0	1.1	124.9	0.0	-1.0	A N	1522
1523	4ACSR	23.6	24.9	0.0	A N	27	13	2	2	31	12	2	93	0.0	1.0	125.0	0.0	-1.0	A N	1523
1524	4ACSR	29.3	24.9	0.0	A N	3	1	0	0	3	0	0	100	0.0	1.0	125.0	0.0	-1.1	A N	1524
171	4ACSR	16.2	24.9	0.0	A N	43	20	3	4	80	34	6	92	0.1	0.8	125.2	0.1	-1.0	A N	171
1711	4ACSR	21.5	24.9	0.0	A N	36	17	3	2	36	16	3	92	0.0	0.8	125.2	0.0	-1.1	A N	1711
156	4ACSR	10.5	24.9	0.0	A N	58	26	4	6	118	46	8	93	0.1	0.6	125.4	0.1	-0.5	A N	156
1561	4ACSR	14.9	24.9	0.0	A N	9	4	1	3	60	20	4	95	0.1	0.7	125.3	0.0	-0.9	A N	1561
154	4ACSR	22.2	24.9	0.0	A N	16	7	1	1	23	7	2	96	0.0	0.7	125.3	0.0	-1.5	A N	154
1541	4ACSR	26.3	24.9	0.0	A N	5	2	0	0	5	2	0	96	0.0	0.7	125.3	0.0	-0.8	A N	1541
1542	4ACSR	27.7	24.9	0.0	A N	2	1	0	0	2	-0	0	-98	0.0	0.7	125.3	0.0	-1.1	A N	1542
155	4ACSR	20.2	24.9	0.0	A N	15	7	1	1	28	10	2	94	0.0	0.7	125.3	0.0	-1.1	A N	155
1551	4ACSR	23.7	24.9	0.0	A N	0	0	0	0	0	-1	0	-22	-0.0	0.7	125.3	0.0	-0.7	A N	1551
1552	4ACSR	23.8	24.9	0.0	A N	12	6	1	1	12	5	1	93	0.0	0.7	125.3	0.0	-0.7	A N	1552

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********** Load-Flow Results For Sideview Ckt 2 **********

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Sideview Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					869	346	41	93			126.0			ABCN	Feeder
168	4/0ACSR	3.0	12.5	0.0	ABCN	11	0	0	12	869	346	41	93	0.3	0.3	125.7	1.7	1.6	ABCN	168
170	4/0ACSR	6.9	12.5	0.0	ABCN	61	25	3	12	857	344	41	93	0.4	0.7	125.3	2.1	1.9	ABCN	170
1701	4/0ACSR	13.7	12.5	0.0	ABCN	46	19	2	11	794	317	38	93	0.7	1.4	124.6	3.1	2.7	ABCN	1701
169	4/0ACSR	15.2	12.5	0.0	ABCN	8	3	0	7	480	189	23	93	0.1	1.5	124.5	0.3	0.0	ABCN	169
161	1/0ACSR	20.5	12.5	0.0	ABCN	50	20	2	10	471	186	23	93	0.5	2.0	124.0	1.6	0.2	ABCN	161
1611	1/0ACSR	26.5	12.5	0.0	ABCN	17	7	1	9	420	165	20	93	0.5	2.5	123.5	1.5	0.0	ABCN	1611
1612	1/0ACSR	31.6	12.5	0.0	ABCN	9	4	0	8	401	158	19	93	0.4	2.9	123.1	1.2	-0.0	ABCN	1612
432	4ACSR	37.9	12.5	0.0	A N	18	7	3	4	35	14	5	93	0.2	3.4	122.6	0.1	-0.3	A N	432
4321	4ACSR	43.2	12.5	0.0	A N	17	7	3	2	17	7	2	93	0.1	3.4	122.6	0.0	-0.3	A N	4321
423	1/0ACSR	35.9	12.5	0.0	ABCN	18	7	1	8	356	141	17	93	0.3	3.2	122.8	0.8	-0.2	ABCN	423
424	1/0ACSR	40.3	12.5	0.0	ABCN	41	17	2	7	337	134	16	93	0.3	3.5	122.5	0.7	-0.3	ABCN	424
4241	1/0ACSR	45.6	12.5	0.0	ABCN	36	15	2	6	296	117	14	93	0.3	3.8	122.2	0.6	-0.5	ABCN	4241
420	4ACSR	53.4	12.5	0.0	A N	70	28	10	7	70	28	10	93	0.4	4.6	121.4	0.2	-0.3	A N	420
425	1/0ACSR	52.0	12.5	0.0	ABCN	47	19	2	4	189	74	9	93	0.2	4.0	122.0	0.3	-0.9	ABCN	425
426	1/0ACSR	58.8	12.5	0.0	ABCN	71	29	4	2	72	28	4	93	0.1	4.1	121.9	0.1	-1.1	ABCN	426
421	2ACSR	59.1	12.5	0.0	A N	68	28	10	6	70	28	10	93	0.3	4.8	121.2	0.1	-0.2	A N	421
4211	4ACSR	66.6	12.5	0.0	A N	2	1	0	0	2	0	0	98	0.0	4.8	121.2	0.0	-0.4	A N	4211
172	4ACSR	16.2	12.5	0.0	A N	91	37	13	27	264	106	38	93	0.8	2.3	123.7	1.4	0.6	A N	172
1721	4ACSR	18.6	12.5	0.0	A N	0	0	0	18	172	69	25	93	0.6	2.9	123.1	0.8	0.3	A N	1721
173	4ACSR	23.8	12.5	0.0	A N	20	8	3	12	119	47	17	93	0.8	3.7	122.3	0.7	0.1	A N	173
1731	4ACSR	27.7	12.5	0.0	A N	56	23	8	6	56	23	8	93	0.2	3.9	122.1	0.1	-0.2	A N	1731
1732	4ACSR	27.7	12.5	0.0	A N	40	16	6	4	42	16	6	93	0.1	3.8	122.2	0.0	-0.2	A N	1732
1733	4ACSR	38.1	12.5	0.0	A N	2	1	0	0	2	0	0	99	0.0	3.9	122.1	0.0	-0.5	A N	1733
177	4ACSR	23.2	12.5	0.0	A N	33	14	5	5	53	21	8	93	0.2	3.1	122.9	0.1	-0.2	A N	177
1771	4ACSR	27.7	12.5	0.0	A N	19	8	3	2	19	8	3	93	0.1	3.2	122.8	0.0	-0.2	A N	1771

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********** Load-Flow Results For Sideview Ckt 3 **********
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Sideview Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1074	412	51	93			126.0			ABCN	Feeder
	167	4/0ACSR	2.7	12.5	0.0	ABCN	23	9	1	15	1074	412	51	93	0.4	0.4	125.6	2.3	2.5	ABCN	167
	176	6ACWC	8.6	12.5	0.0	ABCN	89	36	4	35	1048	400	50	93	2.3	2.6	123.4	18.6	5.4	ABCN	176
	202	6ACWC	11.3	12.5	0.0	ABCN	35	14	2	27	786	301	38	93	0.8	3.5	122.5	5.2	1.3	ABCN	202
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 202																				
	ABCN : Tap = 5 RAISE																				
H	Regulator		11.3	12.5	0.0	ABCN				36	746	286	36	93	-3.8	-0.4	126.4	0.0	0.0	ABCN	Regulator
	2021	4ACSR	16.1	12.5	0.0	A N	43	18	6	4	43	17	6	93	0.1	0.1	125.9	0.0	-0.2	A N	2021
	2022	6ACWC	15.6	12.5	0.0	ABCN	39	16	2	24	703	268	33	93	1.1	0.7	125.3	6.2	1.4	ABCN	2022
	2023	6ACWC	21.5	12.5	0.0	ABCN	39	16	2	22	658	251	31	93	1.4	2.2	123.8	7.5	1.6	ABCN	2023
	203	6ACWC	23.9	12.5	0.0	ABCN	44	18	2	9	276	97	13	94	0.2	2.4	123.6	0.5	-0.2	ABCN	203
	204	4ACSR	28.7	12.5	0.0	A N	48	20	7	24	231	79	33	95	1.4	4.4	121.6	2.3	1.0	A N	204
	2041	4ACSR	32.0	12.5	0.0	A N	54	22	8	19	181	58	26	95	0.7	5.1	120.9	0.9	0.3	A N	2041
	453	4ACSR	34.4	12.5	0.0	A N	125	36	18	13	125	36	18	96	0.2	5.3	120.7	0.2	-0.0	A N	453
	211	6ACWC	26.0	12.5	0.0	ABCN	53	22	3	12	334	136	16	93	0.5	2.7	123.3	1.4	-0.3	ABCN	211
	2111	6ACWC	29.9	12.5	0.0	ABCN	78	32	4	10	279	114	14	93	0.4	3.1	122.9	0.8	-0.3	ABCN	2111
	208	4ACSR	34.5	12.5	0.0	A N	33	14	5	21	199	81	29	93	1.2	5.1	120.9	1.8	0.7	A N	208
	2081	4ACSR	38.9	12.5	0.0	A N	163	67	24	17	164	67	24	93	0.5	5.7	120.3	0.7	0.2	A N	2081
	201	4ACSR	14.2	12.5	0.0	A N	60	25	9	16	154	57	22	94	1.0	3.9	122.1	1.0	0.3	A N	201
	2011	4ACSR	17.6	12.5	0.0	A N	3	1	0	10	93	32	13	95	0.4	4.3	121.7	0.3	0.0	A N	2011
	2012	4ACSR	20.7	12.5	0.0	A N	43	13	6	4	43	13	6	96	0.1	4.4	121.6	0.0	-0.1	A N	2012
	2013	4ACSR	20.4	12.5	0.0	A N	0	0	0	5	47	18	7	93	0.2	4.5	121.5	0.1	-0.1	A N	2013
	207	4ACSR	28.3	12.5	0.0	A N	28	11	4	5	47	18	7	93	0.4	4.9	121.1	0.1	-0.3	A N	207
	210	4ACSR	35.4	12.5	0.0	A N	19	8	3	2	19	7	3	93	0.1	5.0	121.0	0.0	-0.3	A N	210

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********** Load-Flow Results For Sideview Ckt 4 **********
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Sideview Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1011	407	48	93			126.0			ABCN	Feeder
	166	4/0ACSR	5.6	12.5	0.0	ABCN	8	3	0	14	1011	407	48	93	0.7	0.7	125.3	4.4	4.5	ABCN	166
	1661	4/0ACSR	10.2	12.5	0.0	ABCN	25	10	1	14	999	400	48	93	0.6	1.3	124.7	3.4	3.5	ABCN	1661
	165	4/0ACSR	15.3	12.5	0.0	ABCN	20	8	1	10	684	270	33	93	0.4	1.7	124.3	1.8	1.3	ABCN	165
	1651	4/0ACSR	19.0	12.5	0.0	ABCN	3	1	0	9	663	260	32	93	0.3	2.0	124.0	1.3	0.9	ABCN	1651
	164	1/0ACSR	23.0	12.5	0.0	ABCN	5	2	0	5	233	91	11	93	0.2	2.2	123.8	0.3	-0.5	ABCN	164
	158	4ACSR	29.3	12.5	0.0	A N	11	5	2	1	11	4	2	93	0.1	2.3	123.7	0.0	-0.3	A N	158
	163	1/0ACSR	29.9	12.5	0.0	ABCN	31	13	2	5	216	85	10	93	0.3	2.5	123.5	0.4	-1.0	ABCN	163
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 163																				
	ABCN : Tap = 4 RAISE																				
H	Regulator		29.9	12.5	0.0	ABCN				9	184	73	9	93	-3.1	-0.6	126.6	-0.0	-0.0	ABCN	Regulator
H	1631	1/0ACSR	31.2	12.5	0.0	ABCN	3	1	0	4	184	73	9	93	0.0	-0.5	126.5	0.1	-0.2	ABCN	1631
H	24	6ACWC	34.7	12.5	0.0	ABCN	2	1	0	0	2	0	0	100	0.0	-0.5	126.5	0.0	-0.6	ABCN	24
	5	4ACSR	39.0	12.5	0.0	A N	53	22	8	18	179	72	25	93	1.7	1.3	124.7	2.0	0.7	A N	5
	4	4ACSR	41.1	12.5	0.0	A N	30	12	4	10	96	38	14	93	0.2	1.5	124.5	0.2	-0.0	A N	4
	2	4ACSR	45.8	12.5	0.0	A N	16	7	2	5	44	18	6	93	0.2	1.8	124.2	0.1	-0.2	A N	2
	2112	4ACSR	51.5	12.5	0.0	A N	28	11	4	3	28	11	4	93	0.1	1.9	124.1	0.0	-0.3	A N	2112
	6	4ACSR	45.8	12.5	0.0	A N	21	9	3	2	21	8	3	93	0.1	1.6	124.4	0.0	-0.2	A N	6
	3	2ACSR	43.6	12.5	0.0	A N	11	5	2	2	29	11	4	93	0.1	1.4	124.6	0.0	-0.2	A N	3
	3111	2ACSR	48.3	12.5	0.0	A N	13	5	2	1	17	7	2	93	0.1	1.4	124.6	0.0	-0.2	A N	3111
	3112	4ACSR	52.8	12.5	0.0	A N	4	2	1	0	4	1	1	94	0.0	1.4	124.6	0.0	-0.2	A N	3112
	174	4ACSR	25.0	12.5	0.0	ABCN	27	11	1	15	425	167	20	93	1.0	3.0	123.0	3.5	0.1	ABCN	174
	1741	4ACSR	31.0	12.5	0.0	ABCN	45	18	2	14	395	156	19	93	0.9	4.0	122.0	2.9	-0.0	ABCN	1741
	17411	336ACSR	33.6	12.5	0.0	ABCN	43	18	2	3	271	108	13	93	0.1	4.0	122.0	0.1	-0.4	ABCN	17411
	1743	4ACSR	37.0	12.5	0.0	ABCN	10	4	1	8	228	91	11	93	0.3	4.3	121.7	0.6	-0.4	ABCN	1743
	213	4ACSR	39.1	12.5	0.0	ABCN	21	9	1	8	214	86	11	93	0.2	4.5	121.5	0.3	-0.2	ABCN	213
	2131	4ACSR	39.9	12.5	0.0	ABCN	1	0	0	6	184	74	9	93	0.1	4.6	121.4	0.1	-0.1	ABCN	2131
	215	4ACSR	45.1	12.5	0.0	A N	19	8	3	19	182	74	27	93	1.3	6.2	119.8	1.8	0.7	A N	215
	217	4ACSR	52.0	12.5	0.0	A N	13	5	2	17	161	65	24	93	1.6	7.8	118.2	2.0	0.7	A N	217
L	2171	4ACSR	57.8	12.5	0.0	A N	20	8	3	16	147	59	22	93	1.2	9.0	117.0	1.3	0.4	A N	2171
L	220	4ACSR	63.7	12.5	0.0	A N	84	34	13	9	84	34	13	93	0.4	9.4	116.6	0.3	-0.1	A N	220
L	221	4ACSR	62.2	12.5	0.0	A N	33	13	5	4	41	16	6	93	0.2	9.2	116.8	0.0	-0.2	A N	221
L	2211	4ACSR	66.3	12.5	0.0	A N	8	3	1	1	8	3	1	93	0.0	9.2	116.8	0.0	-0.2	A N	2211
	214	4ACSR	44.5	12.5	0.0	A N	9	4	1	1	9	3	1	94	0.0	4.9	121.1	0.0	-0.3	A N	214
	218	4ACSR	42.4	12.5	0.0	A N	3	1	0	0	3	1	0	95	0.0	4.7	121.3	0.0	-0.3	A N	218
	1742	4ACSR	38.2	12.5	0.0	ABCN	76	31	4	3	76	30	4	93	0.1	4.1	121.9	0.2	-1.1	ABCN	1742
	175	4ACSR	15.7	12.5	0.0	A N	39	16	6	29	286	116	41	93	2.1	3.4	122.6	4.4	2.0	A N	175
	200	4ACSR	22.3	12.5	0.0	A N	33	14	5	25	243	98	36	93	2.2	5.6	120.4	3.9	1.7	A N	200
	2001	4ACSR	29.3	12.5	0.0	A N	78	32	12	8	78	32	12	93	0.4	6.0	120.0	0.3	-0.2	A N	2001
	2002	4ACSR	23.3	12.5	0.0	A N	4	2	1	14	128	51	19	93	0.2	5.8	120.2	0.2	0.1	A N	2002
	206	4ACSR	27.1	12.5	0.0	A N	19	8	3	2	22	9	3	93	0.1	5.9	120.1	0.0	-0.2	A N	206
	2061	4ACSR	32.9	12.5	0.0	A N	4	1	1	0	4	1	1	95	0.0	5.9	120.1	0.0	-0.3	A N	2061
	2162	4ACSR	27.8	12.5	0.0	A N	14	6	2	11	101	41	15	93	0.6	6.4	119.6	0.5	0.0	A N	2162
	2161	4ACSR	31.3	12.5	0.0	A N	54	22	8	9	87	35	13	93	0.3	6.7	119.3	0.2	-0.1	A N	2161
	216	4ACSR	34.3	12.5	0.0	A N	32	13	5	3	32	13	5	93	0.1	6.8	119.2	0.0	-0.1	A N	216

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********** Load-Flow Results For Stanton Ckt 1 **********
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Stanton Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Volt Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					2506	851	117	95			126.0			ABCN	Feeder
620	336ACSR	0.4	12.5	0.0	ABCN	4	3	0	22	2506	851	117	95	0.1	0.1	125.9	1.0	2.0	ABCN	620
62098	336ACSR	1.2	12.5	0.0	ABCN	10	8	1	21	2439	796	113	95	0.1	0.2	125.8	1.7	3.5	ABCN	62098
62096	336ACSR	1.7	12.5	0.0	ABCN	0	0	0	21	2415	774	112	95	0.1	0.3	125.7	1.2	2.3	ABCN	62096
62094	336ACSR	2.6	12.5	0.0	ABCN	26	21	1	21	2355	725	109	96	0.1	0.4	125.6	1.8	3.5	ABCN	62094
62092	336ACSR	3.1	12.5	0.0	ABCN	12	-319	14	20	2248	636	103	96	0.1	0.5	125.5	0.9	1.8	ABCN	62092
Capacitor (Wye-Gnd Connected) at Center of Section 62092																				
	ABCN : Nominal = 300 kvar						Actual = 328 kvar													
622	336ACSR	3.5	12.5	0.0	ABCN	11	9	1	14	1615	605	76	94	0.1	0.6	125.4	0.4	0.8	ABCN	622
6220	4ACSR	3.9	12.5	0.0	ABCN	76	-131	7	17	536	38	24	100	0.1	0.7	125.3	0.3	0.0	ABCN	6220
Capacitor (Wye-Gnd Connected) at Center of Section 6220																				
	ABCN : Nominal = 150 kvar						Actual = 164 kvar													
6221	4ACSR	4.4	12.5	0.0	ABCN	254	15	11	8	254	15	11	100	0.0	0.7	125.3	0.2	-0.0	ABCN	6221
623	397ACSR	4.2	12.5	0.0	ABCN	6	5	0	2	205	154	11	80	0.0	0.7	125.3	0.0	-0.1	ABCN	623
6223	2ACSR	4.7	12.5	0.0	A N	23	19	4	2	23	19	4	78	0.0	0.7	125.3	0.0	-0.0	A N	6223
6231	397ACSR	4.8	12.5	0.0	ABCN	0	-0	0	2	177	131	10	80	0.0	0.7	125.3	0.0	-0.1	ABCN	6231
6215	4ACSR	5.2	12.5	0.0	A N	20	16	3	2	20	16	3	78	0.0	0.7	125.3	0.0	-0.0	A N	6215
6232	397ACSR	5.7	12.5	0.0	ABCN	64	40	3	1	157	115	9	81	0.0	0.7	125.3	0.0	-0.2	ABCN	6232
6218	4ACSR	6.2	12.5	0.0	A N	80	65	14	10	80	65	14	78	0.0	0.8	125.2	0.0	-0.0	A N	6218
62321	336ACSR	5.9	12.5	0.0	ABCN	12	10	1	0	12	10	1	78	0.0	0.7	125.3	0.0	-0.0	ABCN	62321
625	336ACSR	4.3	12.5	0.0	ABCN	28	23	2	10	1067	557	53	89	0.1	0.6	125.4	0.4	0.6	ABCN	625
6252	336ACSR	4.6	12.5	0.0	ABCN	25	20	1	3	306	149	15	90	0.0	0.7	125.3	0.0	-0.0	ABCN	6252
6250	4ACSR	6.5	12.5	0.0	A N	98	79	17	12	98	79	17	78	0.2	0.8	125.2	0.1	-0.0	A N	6250
6253	336ACSR	5.1	12.5	0.0	ABCN	52	42	3	1	62	50	4	78	0.0	0.7	125.3	0.0	-0.1	ABCN	6253
6254	4ACSR	5.6	12.5	0.0	A N	10	8	2	1	10	8	2	78	0.0	0.7	125.3	0.0	-0.0	A N	6254
6255	336ACSR	5.5	12.5	0.0	ABCN	122	0	5	1	122	-0	5	-100	0.0	0.7	125.3	0.0	-0.2	ABCN	6255
6251	4ACSR	5.6	12.5	0.0	A N	94	69	16	11	94	69	16	81	0.1	0.8	125.2	0.1	-0.0	A N	6251
6256	336ACSR	4.6	12.5	0.0	ABCN	74	19	3	6	638	316	32	90	0.0	0.7	125.3	0.1	0.0	ABCN	6256
62561	336ACSR	5.0	12.5	0.0	ABCN	50	24	2	3	355	127	17	94	0.0	0.7	125.3	0.0	-0.0	ABCN	62561
6257	4ACSR	5.8	12.5	0.0	A N	56	34	9	6	56	34	9	86	0.0	0.7	125.3	0.0	-0.0	A N	6257
6258	336ACSR	5.4	12.5	0.0	ABCN	13	3	1	2	248	69	11	96	0.0	0.7	125.3	0.0	-0.1	ABCN	6258
62513	336ACSR	5.9	12.5	0.0	ABCN	207	44	9	2	207	44	9	98	0.0	0.7	125.3	0.0	-0.1	ABCN	62513
62510	6ACWC	5.7	12.5	0.0	A N	27	22	5	3	27	22	5	78	0.0	0.7	125.3	0.0	-0.0	A N	62510
6259	2ACSR	5.6	12.5	0.0	A N	86	70	15	20	209	170	36	78	0.2	0.9	125.1	0.3	0.2	A N	6259
62511	4ACSR	6.6	12.5	0.0	A N	10	8	2	15	123	100	21	78	0.2	1.1	124.9	0.2	0.1	A N	62511
62512	4ACSR	7.7	12.5	0.0	A N	113	91	19	14	113	91	19	78	0.1	1.2	124.8	0.1	0.0	A N	62512
6222	336ACSR	3.4	12.5	0.0	ABCN	58	47	3	6	621	348	32	87	0.0	0.5	125.5	0.1	0.0	ABCN	6222
621	336ACSR	3.8	12.5	0.0	ABCN	27	22	2	5	535	278	27	89	0.0	0.6	125.4	0.0	0.0	ABCN	621
6210	4ACSR	4.2	12.5	0.0	A N	24	20	4	3	24	20	4	78	0.0	0.6	125.4	0.0	-0.0	A N	6210
6213	336ACSR	4.1	12.5	0.0	ABCN	100	32	5	3	322	151	16	90	0.0	0.6	125.4	0.0	-0.0	ABCN	6213
6212	4ACSR	4.9	12.5	0.0	A N	107	87	18	13	107	87	18	78	0.1	0.7	125.3	0.1	-0.0	A N	6212
6214	336ACSR	4.7	12.5	0.0	ABCN	106	27	5	1	115	32	5	96	0.0	0.6	125.4	0.0	-0.1	ABCN	6214
6216	4ACSR	5.1	12.5	0.0	A N	9	5	1	1	9	5	1	86	0.0	0.6	125.4	0.0	-0.0	A N	6216
6217	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.0	ABCN	6217
62171	336ACSR	4.9	12.5	0.0	ABCN	0	0	0	0	0	-0	0	0	-0.0	0.6	125.4	0.0	-0.0	ABCN	62171
6211	4ACSR	5.1	12.5	0.0	A N	161	85	24	17	162	85	24	88	0.2	0.7	125.3	0.2	0.0	A N	6211
6219	2ACSR	3.8	12.5	0.0	A N	28	23	5	3	28	23	5	78	0.0	0.6	125.4	0.0	-0.0	A N	6219
62093	4ACSR	3.4	12.5	0.0	A N	80	65	14	10	80	65	14	78	0.1	0.5	125.5	0.0	-0.0	A N	62093
62095	4ACSR	2.9	12.5	0.0	A N	58	47	10	7	58	47	10	78	0.1	0.4	125.6	0.0	-0.0	A N	62095
62097	4ACSR	1.9	12.5	0.0	A N	12	10	2	1	12	10	2	78	0.0	0.2	125.8	0.0	-0.0	A N	62097
62099	4ACSR	2.5	12.5	0.0	A N	62	50	11	8	62	50	11	78	0.1	0.2	125.8	0.1	-0.1	A N	62099

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********** Load-Flow Results For Stanton Ckt 2 **********
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Stanton Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	Section Load kvar	Section Load Amps	Section Load Ldg Pct	Load Into Section kW	Load Into Section kvar	Load Into Section Amps	Load Into Section pf	-- 120V Base -- Volt Drop	-- 120V Base -- Accm Drop	-- 120V Base -- Volt Level	Losses KW	Losses KVAR	Phs Cfg	Phs Section
Feeder			12.5	0.0	ABCN					2656	1020	125	93			126.0			ABCN	Feeder
609	336ACSR	0.4	12.5	0.0	ABCN	1	0	0	24	2656	1020	125	93	0.1	0.1	125.9	1.2	2.3	ABCN	609
6090	336ACSR	2.6	12.5	0.0	ABCN	-0	-0	0	24	2654	1017	125	93	0.4	0.5	125.5	5.9	11.9	ABCN	6090
60900	336ACSR	3.0	12.5	0.0	ABCN	-0	0	0	24	2648	1005	125	93	0.1	0.6	125.4	1.2	2.5	ABCN	60900
6091	336ACSR	3.4	12.5	0.0	ABCN	-0	-0	0	24	2647	1003	125	94	0.1	0.7	125.3	1.1	2.3	ABCN	6091
60921	336ACSR	3.6	12.5	0.0	ABCN	-0	0	0	24	2646	1000	125	94	0.0	0.7	125.3	0.4	0.9	ABCN	60921
6092	336ACSR	3.9	12.5	0.0	ABCN	3	3	0	24	2645	999	125	94	0.1	0.8	125.2	0.7	1.5	ABCN	6092
624	336ACSR	6.1	12.5	0.0	ABCN	130	-120	8	24	2641	995	125	94	0.5	1.3	124.7	6.0	12.1	ABCN	624
Capacitor (Wye-Gnd Connected) at Center of Section 624																				
	ABCN : Nominal = 150 kvar						Actual = 163 kvar													
648	4/0ACSR	6.6	12.5	0.0	ABCN	104	49	5	14	1044	166	47	99	0.0	1.3	124.7	0.3	0.3	ABCN	648
6480	4ACSR	8.0	12.5	0.0	ABCN	186	32	8	6	186	32	8	99	0.0	1.3	124.7	0.2	-0.1	ABCN	6480
6483	1/0ACSR	6.9	12.5	0.0	ABCN	3	2	0	15	753	84	34	99	0.0	1.3	124.7	0.2	0.1	ABCN	6483
6481	1/0ACSR	7.8	12.5	0.0	ABCN	292	26	13	14	718	57	32	100	0.1	1.4	124.6	0.5	0.3	ABCN	6481
649	1/0ACSR	8.1	12.5	0.0	ABCN	126	6	6	8	425	30	19	100	0.0	1.4	124.6	0.1	-0.0	ABCN	649
6493	1/0ACSR	8.4	12.5	0.0	ABCN	0	0	0	6	299	25	13	100	0.0	1.5	124.5	0.0	-0.0	ABCN	6493
6490	1/0ACSR	8.7	12.5	0.0	ABCN	125	9	6	4	231	15	10	100	0.0	1.5	124.5	0.0	-0.0	ABCN	6490
6491	1/0ACSR	9.4	12.5	0.0	ABCN	105	6	5	2	105	6	5	100	0.0	1.5	124.5	0.0	-0.1	ABCN	6491
6492	1/0ACSR	9.2	12.5	0.0	ABCN	68	9	3	1	68	9	3	99	0.0	1.5	124.5	0.0	-0.2	ABCN	6492
6482	4ACSR	7.6	12.5	0.0	A N	32	25	5	4	32	25	5	79	0.0	1.4	124.6	0.0	-0.0	A N	6482
627	1/0CU	6.7	12.5	0.0	ABCN	0	0	0	25	1462	937	77	84	0.1	1.4	124.6	1.2	1.3	ABCN	627
6270	1/0CU	7.2	12.5	0.0	ABCN	10	8	1	24	1409	895	74	84	0.1	1.5	124.5	0.9	1.0	ABCN	6270
6271	1/0CU	7.6	12.5	0.0	ABCN	13	10	1	21	1228	819	66	83	0.1	1.5	124.5	0.6	0.6	ABCN	6271
6278	1/0CU	9.0	12.5	0.0	ABCN	76	60	4	18	1035	673	55	84	0.2	1.8	124.2	1.4	1.5	ABCN	6278
6279	1/0CU	9.7	12.5	0.0	ABCN	9	7	1	3	177	35	8	98	0.0	1.8	124.2	0.0	-0.1	ABCN	6279
6280	4ACSR	10.9	12.5	0.0	A N	27	21	5	3	27	21	5	79	0.0	1.9	124.1	0.0	-0.1	A N	6280
6281	1/0CU	10.3	12.5	0.0	ABCN	140	6	6	2	140	6	6	100	0.0	1.8	124.2	0.0	-0.1	ABCN	6281
6282	1/0CU	9.8	12.5	0.0	ABCN	4	3	0	14	780	576	43	80	0.1	1.9	124.1	0.5	0.5	ABCN	6282
747	1/0CU	10.5	12.5	0.0	ABCN	7	6	0	13	705	517	39	81	0.1	1.9	124.1	0.3	0.3	ABCN	747
7472	1/0CU	11.3	12.5	0.0	ABCN	0	0	0	10	565	425	32	80	0.1	2.0	124.0	0.3	0.2	ABCN	7472
7473	1/0CU	12.3	12.5	0.0	ABCN	69	46	4	1	69	45	4	84	0.0	2.0	124.0	0.0	-0.2	ABCN	7473
7475	1/0CU	11.7	12.5	0.0	ABCN	-0	0	0	9	496	379	28	79	0.0	2.1	123.9	0.1	0.1	ABCN	7475
7474	1/0EPR	12.1	12.5	0.0	A N	141	111	24	12	141	111	24	79	0.1	2.3	123.7	0.1	0.1	A N	7474
7476	1/0CU	16.0	12.5	0.0	ABCN	31	24	2	6	354	268	20	80	0.2	2.3	123.7	0.5	-0.1	ABCN	7476
750	4ACSR	18.9	12.5	0.0	ABCN	48	30	3	2	48	30	3	85	0.0	2.3	123.7	0.0	-0.5	ABCN	750
757	6ACWC	20.0	12.5	0.0	A N	182	143	31	33	274	214	47	79	1.2	3.6	122.4	2.4	1.2	A N	757
7571	2ACSR	21.9	12.5	0.0	A N	60	47	10	6	60	47	10	79	0.1	3.7	122.3	0.0	-0.1	A N	7571
7572	4ACSR	32.0	12.5	0.0	A N	29	23	5	4	29	22	5	79	0.3	3.9	122.1	0.1	-0.5	A N	7572
7470	1/0CU	11.4	12.5	0.0	ABCN	87	52	5	2	132	87	7	84	0.0	2.0	124.0	0.0	-0.1	ABCN	7470
7471	1/0CU	14.3	12.5	0.0	A N	45	35	8	2	45	35	8	79	0.0	2.1	123.9	0.0	-0.1	A N	7471
630	4ACSR	12.2	12.5	0.0	A N	11	8	2	9	70	55	12	79	0.3	2.2	123.8	0.2	-0.0	A N	630
6300	4ACSR	14.0	12.5	0.0	A N	19	15	3	2	19	15	3	79	0.0	2.2	123.8	0.0	-0.1	A N	6300
6301	4ACSR	13.2	12.5	0.0	A N	40	32	7	5	40	31	7	79	0.0	2.2	123.8	0.0	-0.0	A N	6301
6272	1/0CU	7.9	12.5	0.0	AB N	38	30	3	5	180	136	15	80	0.0	1.6	124.4	0.0	-0.0	AB N	6272
6274	1/0CU	8.3	12.5	0.0	AB N	11	3	1	4	142	106	12	80	0.0	1.6	124.4	0.0	-0.0	AB N	6274
6275	6ACWC	9.7	12.5	0.0	A N	130	102	22	16	130	102	22	79	0.1	1.8	124.2	0.2	0.0	A N	6275
6276	1/0CU	8.1	12.5	0.0	AB N	109	20	7	4	169	67	12	93	0.0	1.5	124.5	0.0	-0.1	AB N	6276
6277	6ACWC	11.7	12.5	0.0	A N	60	47	10	7	60	47	10	79	0.2	1.7	124.3	0.1	-0.1	A N	6277
6273	6ACWC	7.9	12.5	0.0	A N	52	41	9	6	52	41	9	79	0.1	1.5	124.5	0.0	-0.0	A N	6273

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********** Load-Flow Results For Stanton Ckt 3 **********
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Stanton Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					2296	710	106	96			126.0			ABCN	Feeder
	631	397ACSR	1.7	12.5	0.0	ABCN	250	-123	12	18	2296	710	106	96	0.2	0.2	125.8	2.7	6.1	ABCN	631
	Capacitor (Wye-Gnd Connected) at Center of Section 631																				
		ABCN : Nominal = 150 kvar					Actual = 165 kvar														
	6312	397ACSR	4.3	12.5	0.0	ABCN	4	4	0	17	2043	826	97	93	0.4	0.6	125.4	3.6	8.3	ABCN	6312
	618	1/0ACSR	5.1	12.5	0.0	ABCN	30	25	2	32	1372	903	73	84	0.3	0.9	125.1	2.7	1.9	ABCN	618
	6180	4ACSR	6.6	12.5	0.0	A N	59	48	10	7	59	48	10	78	0.1	1.0	125.0	0.0	-0.1	A N	6180
	6181	1/0ACSR	5.6	12.5	0.0	ABCN	54	44	3	29	1280	828	68	84	0.1	1.0	125.0	1.3	0.9	ABCN	6181
	6182	1/0ACSR	6.3	12.5	0.0	ABCN	0	0	0	28	1225	784	65	84	0.2	1.2	124.8	1.9	1.3	ABCN	6182
	629	1/0ACSR	9.7	12.5	0.0	ABCN	40	32	2	20	881	508	45	87	0.7	1.9	124.1	4.2	2.6	ABCN	629
	6291	1/0ACSR	11.4	12.5	0.0	ABCN	0	0	0	18	793	437	41	88	0.3	2.2	123.8	1.8	1.0	ABCN	6291
	62911	1/0ACSR	11.4	12.5	0.0	ABCN	-0	0	0	18	792	436	41	88	0.0	2.2	123.8	0.1	0.0	ABCN	62911
	6292	1/0ACSR	12.3	12.5	0.0	ABCN	124	2	6	2	124	2	6	100	0.0	2.2	123.8	0.0	-0.1	ABCN	6292
	6293	1/0ACSR	12.6	12.5	0.0	ABCN	97	22	4	16	667	434	36	84	0.2	2.4	123.6	0.9	0.4	ABCN	6293
	626	4ACSR	13.5	12.5	0.0	ABCN	24	20	1	22	566	409	31	81	0.2	2.6	123.4	1.2	0.3	ABCN	626
	6261	4ACSR	14.3	12.5	0.0	ABCN	22	2	1	5	131	91	7	82	0.0	2.6	123.4	0.1	-0.1	ABCN	6261
	6263	4ACSR	15.5	12.5	0.0	A N	14	12	2	14	109	89	19	78	0.2	3.0	123.0	0.2	0.0	A N	6263
	6264	2ACSR	17.5	12.5	0.0	A N	43	35	8	4	43	35	8	78	0.1	3.1	122.9	0.0	-0.1	A N	6264
	6265	4ACSR	16.6	12.5	0.0	A N	17	14	3	6	52	42	9	78	0.1	3.1	122.9	0.0	-0.0	A N	6265
	6266	4ACSR	17.9	12.5	0.0	A N	14	11	2	2	14	11	2	78	0.0	3.1	122.9	0.0	-0.1	A N	6266
	6267	4ACSR	19.4	12.5	0.0	A N	21	17	4	3	21	17	4	78	0.0	3.1	122.9	0.0	-0.1	A N	6267
	6262	4ACSR	14.5	12.5	0.0	ABCN	32	9	1	16	409	298	23	81	0.2	2.8	123.2	0.7	0.1	ABCN	6262
	651	6ACWC	19.8	12.5	0.0	A N	84	68	15	46	376	288	64	79	2.8	5.8	120.2	8.4	4.8	A N	651
	6510	6ACWC	24.5	12.5	0.0	A N	53	31	9	35	285	215	49	80	2.0	7.7	118.3	4.7	2.6	A N	6510
L	643	4ACSR	29.4	12.5	0.0	A N	37	30	7	29	227	182	41	78	1.8	9.6	116.4	3.8	1.8	A N	643
L	6431	4ACSR	32.4	12.5	0.0	A N	31	25	6	24	186	149	34	78	0.9	10.5	115.5	1.5	0.7	A N	6431
	6421	4ACSR	34.7	12.5	0.0	A N	16	13	3	2	16	13	3	78	0.0	10.5	115.5	0.0	-0.1	A N	6421
L	644	6ACWC	37.4	12.5	0.0	A N	67	55	13	18	137	111	25	78	0.9	11.4	114.6	1.0	0.4	A N	644
L	645	4ACSR	39.9	12.5	0.0	A N	10	8	2	1	10	8	2	78	0.0	11.4	114.6	0.0	-0.1	A N	645
L	6530	4ACSR	39.5	12.5	0.0	A N	8	6	1	8	59	48	11	78	0.2	11.6	114.4	0.1	-0.0	A N	6530
L	6531	4ACSR	47.5	12.5	0.0	A N	36	29	7	5	36	29	7	78	0.3	11.9	114.1	0.1	-0.3	A N	6531
L	653	4ACSR	43.2	12.5	0.0	A N	16	13	3	2	16	13	3	78	0.1	11.7	114.3	0.0	-0.2	A N	653
	6294	1/0ACSR	12.9	12.5	0.0	ABCN	4	3	0	0	4	3	0	78	0.0	2.4	123.6	0.0	-0.1	ABCN	6294
	6290	1/0ACSR	11.3	12.5	0.0	A N	44	36	8	3	44	36	8	78	0.0	2.0	124.0	0.0	-0.1	A N	6290
	632	4ACSR	7.6	12.5	0.0	A N	2	2	0	42	341	274	59	78	0.8	2.0	124.0	2.4	1.2	A N	632
	6321	4ACSR	11.1	12.5	0.0	A N	73	59	13	42	337	271	58	78	1.8	3.8	122.2	5.0	2.5	A N	6321
	6323	4ACSR	14.4	12.5	0.0	A N	93	76	16	23	185	149	32	78	0.8	4.6	121.4	1.2	0.5	A N	6323
	642	4ACSR	21.9	12.5	0.0	A N	44	36	8	7	52	42	9	78	0.4	5.0	121.0	0.2	-0.3	A N	642
	6422	4ACSR	25.4	12.5	0.0	A N	8	7	1	1	8	6	1	78	0.0	5.0	121.0	0.0	-0.2	A N	6422
	652	4ACSR	18.8	12.5	0.0	A N	39	32	7	5	39	31	7	78	0.1	4.8	121.2	0.1	-0.2	A N	652
	6322	4ACSR	16.8	12.5	0.0	A N	74	60	13	9	74	60	13	78	0.4	4.2	121.8	0.3	-0.1	A N	6322
	616	336ACSR	9.4	12.5	0.0	ABCN	-0	-0	0	6	663	-89	30	-99	0.1	0.7	125.3	0.8	0.5	ABCN	616
	6161	336ACSR	11.7	12.5	0.0	ABCN	651	-99	29	6	662	-90	30	-99	0.0	0.8	125.2	0.8	1.2	ABCN	6161
	Capacitor (Wye-Gnd Connected) at Center of Section 6161																				
		ABCN : Nominal = 150 kvar					Actual = 163 kvar														
	6162	336ACSR	13.0	12.5	0.0	ABCN	10	8	1	0	11	8	1	81	0.0	0.8	125.2	0.0	-0.3	ABCN	6162
	6163	4ACSR	15.4	12.5	0.0	A N	0	0	0	0	0	0	0	99	0.0	0.9	125.1	0.0	-0.1	A N	6163
	6164	336ACSR	15.8	12.5	0.0	ABCN	1	1	0	0	1	-0	0	-100	0.0	0.8	125.2	0.0	-0.6	ABCN	6164

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********** Load-Flow Results For Stanton Ckt 4 **********
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Stanton Ckt 4

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					5522	2549	268	91			126.0			ABCN	Feeder
	619	397ACSR	0.4	12.5	0.0	ABCN	5	4	0	45	5522	2549	268	91	0.2	0.2	125.8	3.8	9.1	ABCN	619
	6190	397ACSR	1.2	12.5	0.0	ABCN	328	8	14	2	328	8	14	100	0.0	0.2	125.8	0.1	-0.0	ABCN	6190
	6191	397ACSR	1.5	12.5	0.0	ABCN	10	8	1	43	5185	2528	255	90	0.4	0.6	125.4	10.4	25.2	ABCN	6191
	6192	4ACSR	3.4	12.5	0.0	A N	240	159	38	27	241	160	38	83	0.4	1.0	125.0	0.8	0.3	A N	6192
	6193	397ACSR	2.2	12.5	0.0	ABCN	4	-324	14	41	4924	2335	241	90	0.3	0.9	125.1	6.6	15.9	ABCN	6193
	Capacitor (Wye-Gnd Connected) at Center of Section 6193																				
	ABCN : Nominal = 300 kvar Actual = 327 kvar																				
	612	336ACSR	3.0	12.5	0.0	ABCN	5	4	0	44	4614	2440	232	88	0.3	1.2	124.8	7.7	15.9	ABCN	612
	6125	336ACSR	3.7	12.5	0.0	ABCN	32	25	2	40	4295	2187	215	89	0.2	1.5	124.5	5.2	10.7	ABCN	6125
	6126	4ACSR	4.4	12.5	0.0	A N	49	38	8	6	49	38	8	79	0.0	1.5	124.5	0.0	-0.0	A N	6126
	6127	336ACSR	4.0	12.5	0.0	ABCN	40	31	2	40	4208	2114	210	89	0.1	1.6	124.4	2.2	4.6	ABCN	6127
	6131	336ACSR	5.8	12.5	0.0	ABCN	157	108	9	38	4042	2028	202	89	0.6	2.2	123.8	12.5	25.9	ABCN	6131
	6132	336ACSR	6.7	12.5	0.0	ABCN	27	21	2	37	3873	1894	194	90	0.3	2.5	123.5	5.5	11.3	ABCN	6132
	61321	336ACSR	6.7	12.5	0.0	ABCN	0	-0	0	36	3840	1861	192	90	0.0	2.5	123.5	0.5	0.9	ABCN	61321
	6133	397ACSR	6.9	12.5	0.0	ABCN	75	51	4	33	3840	1860	192	90	0.1	2.6	123.4	1.2	2.8	ABCN	6133
	6134	397ACSR	7.7	12.5	0.0	ABCN	22	17	1	32	3764	1807	188	90	0.2	2.8	123.2	3.9	9.3	ABCN	6134
	6136	397ACSR	8.6	12.5	0.0	ABCN	6	5	0	29	3461	1569	171	91	0.2	3.1	122.9	3.8	9.2	ABCN	6136
	614	397ACSR	12.6	12.5	0.0	ABCN	23	17	1	29	3451	1555	171	91	1.1	4.1	121.9	17.1	40.8	ABCN	614
	564	397ACSR	12.8	12.5	0.0	ABCN	17	13	1	20	2513	819	121	95	0.0	4.2	121.8	0.5	1.2	ABCN	564
	5642	397ACSR	15.7	12.5	0.0	ABCN	832	26	38	18	2269	632	107	96	0.4	4.5	121.5	4.6	10.7	ABCN	5642
	5643	6ACWC	17.3	12.5	0.0	ABCN	44	34	3	51	1433	595	71	92	0.9	5.5	120.5	11.3	3.6	ABCN	5643
	5645	6ACWC	19.3	12.5	0.0	ABCN	68	52	4	47	1317	510	65	93	1.0	6.5	119.5	10.8	3.4	ABCN	5645
	5646	6ACWC	21.8	12.5	0.0	A N	70	54	12	32	257	197	45	79	0.9	7.8	118.2	1.9	1.0	A N	5646
	5648	2ACSR	23.8	12.5	0.0	A N	39	30	7	4	39	30	7	79	0.1	7.9	118.1	0.0	-0.1	A N	5648
L	5647	6ACWC	24.2	12.5	0.0	A N	146	112	26	19	146	112	26	79	0.3	8.1	117.9	0.4	0.1	A N	5647
	5649	1/0ACSR	21.5	12.5	0.0	ABCN	220	41	10	20	980	255	47	97	0.4	6.9	119.1	2.8	1.8	ABCN	5649
	56491	2ACSR	25.6	12.5	0.0	A N	117	90	21	12	117	90	21	79	0.3	7.7	118.3	0.3	0.0	A N	56491
	5650	1/0ACSR	23.8	12.5	0.0	ABCN	95	73	6	13	640	120	30	98	0.2	7.1	118.9	1.2	0.5	ABCN	5650
	5652	1/0ACSR	25.9	12.5	0.0	ABCN	143	28	7	11	543	46	25	100	0.2	7.3	118.7	0.8	0.2	ABCN	5652
	5653	1/0ACSR	29.2	12.5	0.0	ABCN	395	14	19	8	396	15	19	100	0.1	7.4	118.6	1.3	0.8	ABCN	5653
	5644	6ACWC	19.6	12.5	0.0	A N	60	46	11	8	61	46	11	79	0.1	5.9	120.1	0.1	-0.1	A N	5644
	5640	4ACSR	15.5	12.5	0.0	A N	98	75	17	28	226	172	39	79	0.8	5.1	120.9	1.4	0.6	A N	5640
	5641	4ACSR	19.2	12.5	0.0	A N	126	96	22	16	126	97	22	79	0.4	5.5	120.5	0.5	0.1	A N	5641
	562	4ACSR	14.2	12.5	0.0	A N	15	11	3	48	392	296	67	80	1.0	5.3	120.7	3.7	1.9	A N	562
	5621	4ACSR	17.8	12.5	0.0	A N	38	29	7	39	314	238	54	80	1.8	7.1	118.9	5.0	2.5	A N	5621
	56225	4ACSR	19.5	12.5	0.0	A N	5	4	1	34	271	206	48	80	0.8	7.9	118.1	2.0	1.0	A N	56225
L	5622	6ACWC	20.5	12.5	0.0	A N	65	50	12	33	264	201	47	80	0.4	8.3	117.7	0.9	0.5	A N	5622
L	5623	4ACSR	26.3	12.5	0.0	A N	58	44	10	25	198	151	35	80	1.7	10.0	116.0	2.8	1.2	A N	5623
L	5624	4ACSR	29.6	12.5	0.0	A N	93	72	17	12	94	72	17	79	0.3	10.3	115.7	0.3	-0.0	A N	5624
L	5625	4ACSR	28.1	12.5	0.0	A N	44	34	8	6	44	33	8	79	0.1	10.1	115.9	0.0	-0.1	A N	5625
	5620	4ACSR	17.9	12.5	0.0	A N	59	45	10	7	59	45	10	79	0.2	5.5	120.5	0.1	-0.1	A N	5620
	615	4ACSR	15.9	12.5	0.0	A N	33	25	6	62	506	381	87	80	2.8	7.0	119.0	12.5	6.4	A N	615
L	6151	4ACSR	18.4	12.5	0.0	A N	21	16	4	43	341	258	60	80	1.4	8.4	117.6	4.4	2.2	A N	6151
L	745	4ACSR	22.7	12.5	0.0	A N	32	24	6	31	246	187	44	80	1.8	10.2	115.8	3.9	1.9	A N	745
L	7450	4ACSR	30.3	12.5	0.0	A N	136	104	25	18	137	105	25	80	0.9	11.1	114.9	1.2	0.3	A N	7450
L	7451	4ACSR	33.5	12.5	0.0	A N	73	56	13	9	73	56	13	80	0.7	10.9	115.1	0.5	-0.2	A N	7451
L	758	4ACSR	23.1	12.5	0.0	A N	68	52	12	9	69	53	12	80	0.3	8.7	117.3	0.2	-0.1	A N	758
L	7580	4ACSR	26.4	12.5	0.0	A N	1	1	0	0	1	0	0	87	0.0	8.7	117.3	0.0	-0.1	A N	7580
	6150	4ACSR	21.1	12.5	0.0	A N	119	91	21	15	119	91	21	79	0.5	7.5	118.5	0.6	0.1	A N	6150
	6135	4ACSR	11.9	12.5	0.0	A N	274	210	47	34	276	211	47	79	1.0	3.9	122.1	2.5	1.1	A N	6135
	6128	4ACSR	5.0	12.5	0.0	ABCN	98	31	5	4	124	51	6	93	0.0	1.6	124.4	0.1	-0.2	ABCN	6128
	6129	4ACSR	6.9	12.5	0.0	A N	26	20	4	3	26	20	4	79	0.0	1.7	124.3	0.0	-0.1	A N	6129
	6120	6ACWC	3.9	12.5	0.0	ABCN	20	15	1	12	307	234	17	79	0.1	1.4	124.6	0.3	-0.0	ABCN	6120
	6121	6ACWC	5.1	12.5	0.0	A N	91	69	15	11	91	69	15	79	0.1	1.5	124.5	0.1	-0.0	A N	6121
	6122	6ACWC	4.8	12.5	0.0	ABCN	13	10	1	8	195	149	11	79	0.1	1.4	124.6	0.1	-0.1	ABCN	6122
	61221	6ACWC	5.2	12.5	0.0	ABCN	11	8	1	5	120	92	7	79	0.0	1.4	124.6	0.0	-0.1	ABCN	61221
	6123	6ACWC	7.3	12.5	0.0	A N	57	44	10	7	57	43	10	79	0.1	1.6	124.4	0.0	-0.1	A N	6123
	6124	6ACWC	8.1	12.5	0.0	A N	52	40	9	6	52	40	9	79	0.1	1.6	124.4	0.1	-0.1	A N	6124
	6138	6ACWC	6.1	12.5	0.0	ABCN	62	48	3	2	62	47	3	79	0.0	1.4	124.6	0.0	-0.2	ABCN	6138
	6130	4ACSR	3.5	12.5	0.0	A N	285	194	46	33	286	194	46	83	0.3	1.2	124.8	0.7	0.3	A N	6130

Stanton Ckt 4 [redacted]ction Load Load Into Section -- 120V Ba[redacted] Losses

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	kW	kvar	Amps	Ldg Pct	kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	KW	KVAR	Phs Cfg	Section
6137	397ACSR		4.1	12.5	0.0	ABCN	12	9	1	0	13	9	1	84	0.0	0.9	125.1	0.0	-0.4	ABCN	6137
6789	336ACSR		9.3	12.5	0.0	ABCN	2	1	0	0	2	0	0	99	0.0	0.9	125.1	0.0	-1.1	ABCN	6789

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********** Load-Flow Results For Three Forks Ckt 1 **********
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Three Forks Ckt 1

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					1249	502	30	93			126.0			ABCN	Feeder
	111	1/0ACSR	7.8	24.9	0.0	ABCN	31	14	1	13	1249	502	30	93	0.5	0.5	125.5	4.3	-2.7	ABCN	111
	11111	1/0ACSR	12.8	24.9	0.0	ABCN	15	7	0	13	1213	491	29	93	0.3	0.8	125.2	2.7	-1.8	ABCN	11111
	106	1/0ACSR	19.6	24.9	0.0	ABCN	12	6	0	11	1096	443	26	93	0.4	1.2	124.8	3.0	-2.9	ABCN	106
	10619	1/0ACSR	22.7	24.9	0.0	ABCN	-0	-0	0	9	878	357	21	93	0.1	1.3	124.7	0.9	-1.7	ABCN	10619
	102	6ACWC	30.2	24.9	0.0	A N	35	16	3	2	35	14	3	93	0.0	1.4	124.6	0.0	-1.5	A N	102
	108	1/0ACSR	24.9	24.9	0.0	ABCN	5	2	0	9	843	344	20	93	0.1	1.4	124.6	0.6	-1.2	ABCN	108
	103	4ACSR	31.1	24.9	0.0	A N	35	16	3	2	35	15	3	92	0.0	1.5	124.5	0.0	-1.2	A N	103
	79	1/0ACSR	28.0	24.9	0.0	ABCN	2	1	0	8	802	328	19	93	0.1	1.5	124.5	0.7	-1.8	ABCN	79
	100	1/0ACSR	29.7	24.9	0.0	ABCN	39	17	1	8	799	329	19	92	0.1	1.6	124.4	0.4	-1.0	ABCN	100
	Regulator 1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 100																				
	ABCN : Tap = 3 RAISE																				
H	Regulator			29.7	24.9	0.0	ABCN				18	760	313	18	92	-2.3	-0.7	126.5	0.0	0.0	ABCN	Regulator
H	10099	1/0ACSR	32.5	24.9	0.0	ABCN	0	-0	0	8	760	313	18	92	0.1	-0.6	126.6	0.6	-1.7	ABCN	10099
H	73	397ACSR	35.7	24.9	0.0	ABCN	91	41	2	2	409	167	10	93	0.0	-0.6	126.6	0.0	-2.7	ABCN	73
H	7398	397ACSR	41.3	24.9	0.0	ABCN	124	56	3	1	265	105	6	93	0.0	-0.6	126.6	0.0	-4.9	ABCN	7398
H	67	397ACSR	43.2	24.9	0.0	ABCN	57	26	1	0	112	42	3	94	0.0	-0.6	126.6	0.0	-1.6	ABCN	67
H	6798	397ACSR	49.8	24.9	0.0	ABCN	28	12	1	0	28	7	1	97	0.0	-0.6	126.6	0.0	-5.8	ABCN	6798
H	6799	4ACSR	47.5	24.9	0.0	A N	28	12	2	1	28	11	2	92	0.0	-0.5	126.5	0.0	-0.9	A N	6799
H	7397	4ACSR	45.1	24.9	0.0	A N	28	13	2	1	28	12	2	92	0.0	-0.5	126.5	0.0	-0.8	A N	7397
H	7399	397ACSR	37.0	24.9	0.0	A N	53	24	4	1	53	23	4	91	0.0	-0.5	126.5	0.0	-0.3	A N	7399
	76	4ACSR	37.4	24.9	0.0	A N	46	21	3	18	350	148	25	92	0.6	0.0	126.0	1.4	-0.2	A N	76
	7699	4ACSR	43.4	24.9	0.0	A N	46	21	3	16	303	127	22	92	0.6	0.6	125.4	1.3	-0.5	A N	7699
	101	4ACSR	46.8	24.9	0.0	A N	0	0	0	1	10	3	1	95	0.0	0.6	125.4	0.0	-0.7	A N	101
	78	4ACSR	50.0	24.9	0.0	A N	10	5	1	1	10	4	1	93	0.0	0.6	125.4	0.0	-0.6	A N	78
	104	4ACSR	48.5	24.9	0.0	A N	40	18	3	13	245	104	18	92	0.4	1.0	125.0	0.7	-0.6	A N	104
	10498	4ACSR	52.1	24.9	0.0	A N	19	8	1	11	205	87	15	92	0.3	1.3	124.7	0.4	-0.5	A N	10498
	10499	4ACSR	53.2	24.9	0.0	A N	75	34	6	10	186	79	14	92	0.1	1.3	124.7	0.1	-0.2	A N	10499
	105	6ACWC	55.2	24.9	0.0	A N	12	6	1	6	110	46	8	92	0.1	1.4	124.6	0.1	-0.4	A N	105
	10589	6ACWC	59.4	24.9	0.0	A N	10	5	1	5	98	41	7	92	0.1	1.5	124.5	0.1	-0.8	A N	10589
	10587	6ACWC	68.2	24.9	0.0	A N	75	34	6	4	75	32	5	92	0.1	1.7	124.3	0.1	-1.7	A N	10587
	10588	6ACWC	62.7	24.9	0.0	A N	12	5	1	1	12	5	1	93	0.0	1.5	124.5	0.0	-0.7	A N	10588
	11318	4ACSR	57.6	24.9	0.0	A N	0	0	0	0	0	-1	0	-51	0.0	1.3	124.7	0.0	-0.9	A N	11318
	107	6ACWC	22.1	24.9	0.0	A N	30	13	2	10	203	83	15	92	0.2	1.4	124.6	0.2	-0.4	A N	107
	1079	6ACWC	24.7	24.9	0.0	A N	0	0	0	9	173	71	12	93	0.1	1.5	124.5	0.2	-0.4	A N	1079
	10791	6ACWC	30.8	24.9	0.0	A N	56	25	4	9	172	71	13	92	0.3	1.8	124.2	0.3	-1.0	A N	10791
	10792	6ACWC	34.7	24.9	0.0	A N	4	2	0	6	116	47	8	93	0.2	2.0	124.0	0.1	-0.7	A N	10792
	112	4ACSR	40.5	24.9	0.0	A N	32	14	2	2	32	13	2	92	0.0	2.0	124.0	0.0	-1.1	A N	112
	11322	6ACWC	37.9	24.9	0.0	A N	18	8	1	4	80	32	6	93	0.1	2.1	123.9	0.0	-0.6	A N	11322
	113	6ACWC	45.8	24.9	0.0	A N	11	5	1	3	62	25	5	93	0.2	2.2	123.8	0.1	-1.5	A N	113
	11319	6ACWC	50.8	24.9	0.0	A N	51	23	4	3	51	22	4	92	0.0	2.2	123.8	0.0	-1.0	A N	11319
	11320	6ACWC	47.6	24.9	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.2	123.8	0.0	-0.4	A N	11320
	128	4ACSR	19.0	24.9	0.0	A N	100	45	7	5	100	44	7	92	0.1	0.9	125.1	0.1	-1.2	A N	128

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********** Load-Flow Results For Three Forks Ckt 2 **********
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Three Forks Ckt 2

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				24.9	0.0	ABCN					1935	774	46	93			126.0			ABCN	Feeder
10994	1/0ACSR	0.2	24.9	0.0	ABCN	-0	0	0	20	1935	774	46	93	0.0	0.0	126.0	0.3	0.1	ABCN	10994
11612	4ACSR	4.7	24.9	0.0	A N	106	43	8	16	321	128	23	93	0.4	0.4	125.6	0.9	-0.4	A N	11612
91161	4ACSR	5.6	24.9	0.0	A N	12	5	1	11	214	85	15	93	0.1	0.5	125.5	0.1	-0.1	A N	91161
91162	6ACWC	7.1	24.9	0.0	A N	33	13	2	2	33	13	2	93	0.0	0.5	125.5	0.0	-0.3	A N	91162
71161	4ACSR	7.4	24.9	0.0	A N	41	17	3	4	79	31	6	93	0.0	0.6	125.4	0.0	-0.3	A N	71161
7116	6ACWC	13.4	24.9	0.0	A N	38	15	3	2	38	14	3	94	0.0	0.6	125.4	0.0	-1.2	A N	7116
9116	4ACSR	7.6	24.9	0.0	A N	54	22	4	5	90	36	6	93	0.0	0.6	125.4	0.0	-0.4	A N	9116
91163	4ACSR	9.5	24.9	0.0	A N	36	15	3	2	36	14	3	93	0.0	0.6	125.4	0.0	-0.4	A N	91163
119	1/0ACSR	1.5	24.9	0.0	ABCN	31	13	1	17	1614	646	38	93	0.1	0.1	125.9	1.2	-0.1	ABCN	119
109	1/0ACSR	3.6	24.9	0.0	ABCN	-0	-0	0	16	1517	608	36	93	0.2	0.3	125.7	1.7	-0.3	ABCN	109
1099	1/0ACSR	5.3	24.9	0.0	ABCN	0	-0	0	16	1500	602	36	93	0.1	0.4	125.6	1.4	-0.3	ABCN	1099
10993	4ACSR	6.1	24.9	0.0	A CN	0	0	0	12	456	184	16	93	0.1	0.5	125.5	0.2	-0.3	A CN	10993
9109	4ACSR	7.5	24.9	0.0	A CN	72	29	3	10	405	164	15	93	0.1	0.6	125.4	0.2	-0.5	A CN	9109
81091	6ACWC	8.9	24.9	0.0	A N	102	42	7	5	102	42	7	93	0.0	0.6	125.4	0.0	-0.3	A N	81091
8109	6ACWC	9.3	24.9	0.0	A N	81	33	6	12	231	94	17	93	0.1	0.7	125.3	0.2	-0.3	A N	8109
81092	4ACSR	12.9	24.9	0.0	A N	150	61	11	8	150	61	11	93	0.1	0.8	125.2	0.1	-0.7	A N	81092
10991	2ACSR	9.5	24.9	0.0	A N	50	21	4	2	50	20	4	93	0.0	0.5	125.5	0.0	-0.7	A N	10991
61095	1/0ACSR	6.3	24.9	0.0	ABCN	7	3	0	11	1043	419	25	93	0.0	0.5	125.5	0.4	-0.4	ABCN	61095
61092	1/0ACSR	7.1	24.9	0.0	ABCN	104	39	2	9	875	351	21	93	0.0	0.5	125.5	0.2	-0.5	ABCN	61092
61093	1/0ACSR	8.0	24.9	0.0	ABCN	185	76	4	6	614	249	15	93	0.0	0.5	125.5	0.1	-0.6	ABCN	61093
61094	1/0ACSR	11.0	24.9	0.0	ABCN	429	176	10	4	429	174	10	93	0.0	0.6	125.4	0.4	-1.9	ABCN	61094
61091	6ACWC	9.8	24.9	0.0	A N	156	64	11	8	156	64	11	93	0.1	0.6	125.4	0.1	-0.5	A N	61091
6109	6ACWC	9.5	24.9	0.0	A N	161	66	12	8	161	65	12	93	0.1	0.6	125.4	0.1	-0.6	A N	6109
10992	2ACSR	5.2	24.9	0.0	A N	15	6	1	1	15	6	1	93	0.0	0.3	125.7	0.0	-0.3	A N	10992
116	4ACSR	5.0	24.9	0.0	A N	64	26	5	3	64	26	5	93	0.0	0.2	125.8	0.0	-0.7	A N	116

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********** Load-Flow Results For Three Forks Ckt 3 **********

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Three Forks Ckt 3

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			24.9	0.0	ABCN					3087	1201	73	93			126.0			ABCN	Feeder
	118	336ACSR	1.6	24.9	0.0	ABCN	17	7	0	14	3087	1201	73	93	0.1	0.1	125.9	1.5	1.8	ABCN	118
	1181	336ACSR	6.9	24.9	0.0	ABCN	4	2	0	14	3068	1192	73	93	0.3	0.4	125.6	4.8	5.6	ABCN	1181
	901	336ACSR	12.4	24.9	0.0	ABCN	47	20	1	13	2865	1104	68	93	0.3	0.7	125.3	4.4	4.5	ABCN	901
	9011	336ACSR	19.9	24.9	0.0	ABCN	5	2	0	13	2814	1079	67	93	0.4	1.1	124.9	5.8	5.8	ABCN	9011
	9012	336ACSR	20.5	24.9	0.0	ABCN	0	0	0	13	2803	1071	67	93	0.0	1.2	124.8	0.4	0.4	ABCN	9012
	125	1/0ACSR	22.2	24.9	0.0	ABCN	93	40	2	4	399	161	10	93	0.0	1.2	124.8	0.1	-1.2	ABCN	125
	1251	1/0ACSR	24.3	24.9	0.0	ABCN	24	10	1	3	305	123	7	93	0.0	1.2	124.8	0.1	-1.5	ABCN	1251
	1252	4ACSR	28.1	24.9	0.0	A N	52	22	4	3	52	21	4	92	0.0	1.3	124.7	0.0	-0.8	A N	1252
	1253	1/0ACSR	25.2	24.9	0.0	ABCN	13	6	0	2	229	93	6	93	0.0	1.2	124.8	0.0	-0.7	ABCN	1253
	117	4ACSR	29.1	24.9	0.0	A N	70	30	5	6	108	44	8	93	0.1	1.4	124.6	0.1	-0.7	A N	117
	11177	4ACSR	34.2	24.9	0.0	A N	37	16	3	2	37	15	3	93	0.0	1.4	124.6	0.0	-1.0	A N	11177
	120	4ACSR	29.8	24.9	0.0	A N	18	8	1	6	109	44	8	93	0.2	1.4	124.6	0.1	-0.8	A N	120
	12099	4ACSR	32.7	24.9	0.0	A N	58	25	4	3	58	24	4	92	0.0	1.5	124.5	0.0	-0.6	A N	12099
	121	4ACSR	36.3	24.9	0.0	A N	33	14	2	2	33	13	2	93	0.0	1.5	124.5	0.0	-1.3	A N	121
	9013	1/0ACSR	21.1	24.9	0.0	ABCN	3	1	0	25	2404	910	57	94	0.1	1.2	124.8	1.2	0.5	ABCN	9013
	11252	1/0ACSR	22.3	24.9	0.0	ABCN	4	2	0	25	2399	908	57	94	0.2	1.4	124.6	2.6	1.0	ABCN	11252
	11253	1/0ACSR	24.6	24.9	0.0	ABCN	3	1	0	23	2254	847	54	94	0.3	1.6	124.4	4.2	1.4	ABCN	11253
	11392	1/0ACSR	27.2	24.9	0.0	ABCN	58	25	1	21	2039	758	49	94	0.3	1.9	124.1	3.7	0.9	ABCN	11392
	13211	4ACSR	30.7	24.9	0.0	A N	41	18	3	2	41	17	3	93	0.0	1.9	124.1	0.0	-0.7	A N	13211
	13221	1/0ACSR	31.2	24.9	0.0	ABCN	29	13	1	20	1936	716	46	94	0.4	2.3	123.7	5.5	1.1	ABCN	13221
	134	1/0ACSR	36.6	24.9	0.0	ABCN	49	21	1	16	1509	585	36	93	0.4	2.7	123.3	4.4	-0.7	ABCN	134
	13411	1/0ACSR	39.0	24.9	0.0	ABCN	11	5	0	15	1383	535	33	93	0.2	2.9	123.1	1.7	-0.5	ABCN	13411
	13078	1/0ACSR	39.7	24.9	0.0	ABCN	6	2	0	10	947	356	23	94	0.0	2.9	123.1	0.2	-0.3	ABCN	13078
	126	4ACSR	46.2	24.9	0.0	A N	82	35	6	4	82	34	6	92	0.1	3.1	122.9	0.1	-1.2	A N	126
	13079	1/0ACSR	39.9	24.9	0.0	ABCN	6	2	0	9	859	320	21	94	0.0	2.9	123.1	0.1	-0.1	ABCN	13079
	130	1/0ACSR	43.0	24.9	0.0	ABCN	54	23	1	6	564	205	14	94	0.1	3.0	123.0	0.3	-2.0	ABCN	130
	124	1/0ACSR	44.4	24.9	0.0	ABCN	85	36	2	5	501	182	12	94	0.0	3.0	123.0	0.1	-0.9	ABCN	124
	Regulator	1PREG-100A-14.4 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 124																			
		ABCN : Tap = 5 RAISE																			
H	Regulator			44.4	24.9	0.0	ABCN				10	416	146	10	94	-3.8	-0.8	126.6	-0.0	-0.0	ABCN	Regulator
H	12411	1/0ACSR	50.4	24.9	0.0	ABCN	88	38	2	4	416	146	10	94	0.1	-0.7	126.7	0.3	-4.4	ABCN	12411
H	12412	1/0ACSR	54.6	24.9	0.0	ABCN	39	17	1	3	327	113	8	95	0.1	-0.6	126.6	0.1	-3.2	ABCN	12412
H	372	1/0ACSR	61.5	24.9	0.0	ABCN	44	19	1	3	266	93	6	94	0.1	-0.6	126.6	0.1	-5.2	ABCN	372
H	360	1/0ACSR	65.3	24.9	0.0	ABCN	42	18	1	2	223	80	5	94	0.0	-0.5	126.5	0.1	-3.0	ABCN	360
H	36011	1/0ACSR	66.0	24.9	0.0	ABCN	6	3	0	0	6	2	0	95	0.0	-0.5	126.5	0.0	-0.5	ABCN	36011
H	115	4ACSR	70.2	24.9	0.0	A CN	4	2	0	4	174	63	6	94	0.1	-0.3	126.3	0.2	-2.1	A CN	115
H	11511	2ACSR	75.5	24.9	0.0	A CN	13	6	0	3	170	63	6	94	0.1	-0.2	126.2	0.1	-2.4	A CN	11511
H	11513	4ACSR	75.8	24.9	0.0	A N	2	1	0	2	31	10	2	95	0.0	-0.1	126.1	0.0	-0.1	A N	11513
H	114	4ACSR	82.9	24.9	0.0	A N	10	4	1	0	10	3	1	96	0.0	-0.1	126.1	0.0	-1.5	A N	114
H	129	4ACSR	84.5	24.9	0.0	A N	19	8	1	1	19	6	1	95	0.0	-0.1	126.1	0.0	-1.8	A N	129
	11512	6ACWC	82.7	24.9	0.0	A N	41	18	3	6	125	49	9	93	0.3	0.1	125.9	0.2	-1.3	A N	11512
	122	4ACSR	88.5	24.9	0.0	A N	27	11	2	4	84	33	6	93	0.1	0.3	125.7	0.1	-1.1	A N	122
	12097	4ACSR	94.0	24.9	0.0	A N	46	20	3	2	46	18	3	93	0.0	0.3	125.7	0.0	-1.1	A N	12097
	12098	4ACSR	90.6	24.9	0.0	A N	11	5	1	1	11	4	1	93	0.0	0.3	125.7	0.0	-0.4	A N	12098
H	373	4ACSR	63.0	24.9	0.0	A N	21	9	2	1	22	6	1	96	0.0	-0.5	126.5	0.0	-1.7	A N	373
H	375	4ACSR	70.3	24.9	0.0	A N	0	0	0	0	0	-1	0	-27	-0.0	-0.5	126.5	0.0	-1.5	A N	375
	127	4ACSR	47.3	24.9	0.0	A N	8	4	1	0	8	3	1	95	0.0	3.1	122.9	0.0	-0.8	A N	127
	136	6ACWC	44.7	24.9	0.0	A N	136	50	10	15	289	112	21	93	0.4	3.3	122.7	0.7	-0.5	A N	136
	13611	6ACWC	50.6	24.9	0.0	A N	105	45	8	8	152	62	11	93	0.2	3.5	122.5	0.2	-1.0	A N	13611
	3751	6ACWC	53.1	24.9	0.0	A N	35	15	3	2	35	15	3	92	0.0	3.6	122.4	0.0	-0.5	A N	3751
	378	6ACWC	57.5	24.9	0.0	A N	12	5	1	1	12	4	1	95	0.0	3.6	122.4	0.0	-1.3	A N	378
	135	6ACWC	43.6	24.9	0.0	A N	51	22	4	22	423	174	31	92	0.6	3.6	122.4	1.9	0.3	A N	135
	13511	6ACWC	48.0	24.9	0.0	A N	127	54	9	7	127	54	9	92	0.1	3.7	122.3	0.1	-0.8	A N	13511
	13514	6ACWC	46.6	24.9	0.0	A N	17	7	1	13	243	99	18	93	0.2	3.8	122.2	0.4	-0.3	A N	13514
	13512	6ACWC	52.3	24.9	0.0	A N	28	12	2	1	28	11	2	93	0.0	3.8	122.2	0.0	-1.1	A N	13512
	13513	6ACWC	52.0	24.9	0.0	A N	111	47	8	10	197	81	15	93	0.3	4.1	121.9	0.3	-0.8	A N	13513
	13515	6ACWC	55.1	24.9	0.0	A N	55	23	4	3	55	23	4	92	0.0	4.1	121.9	0.0	-0.6	A N	13515
	13516	6ACWC	54.9	24.9	0.0	A N	9	4	1	2	31	11	2	94	0.0	4.1	121.9	0.0	-0.5	A N	13516
	518	2ACSR	56.6	24.9	0.0	A N	16	7	1	1	22	8	2	94	0.0	4.1	121.9	0.0	-0.3	A N	518
	13517	2ACSR	61.0	24.9	0.0	A N	6	3	0	0	6	2	0	96	0.0	4.1	121.9	0.0	-0.9	A N	13517

Three Forks Ckt 3

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
13412	2ACSR	37.7	24.9	0.0	ABCN	72	31	2	1	72	30	2	92	0.0	2.7	123.3	0.0	-0.7	ABCN	13412
138	1/0ACSR	32.0	24.9	0.0	ABCN	0	0	0	4	392	117	9	96	0.0	2.3	123.7	0.0	-0.6	ABCN	138
11312	336ACSR	37.7	24.9	0.0	ABCN	30	13	1	1	165	23	4	99	0.0	2.3	123.7	0.0	-4.6	ABCN	11312
13311	336ACSR	40.9	24.9	0.0	ABCN	14	6	0	1	135	14	3	99	0.0	2.3	123.7	0.0	-2.7	ABCN	13311
13315	336ACSR	45.3	24.9	0.0	ABCN	8	3	0	0	90	-1	2	-100	0.0	2.3	123.7	0.0	-3.6	ABCN	13315
13314	336ACSR	46.0	24.9	0.0	ABCN	83	0	2	0	83	-1	2	-100	0.0	2.3	123.7	0.0	-0.6	ABCN	13314
13312	4ACSR	45.7	24.9	0.0	A N	30	13	2	2	30	12	2	93	0.0	2.4	123.6	0.0	-0.9	A N	13312
13313	1/0ACSR	34.9	24.9	0.0	ABCN	227	97	6	2	227	95	6	92	0.0	2.3	123.7	0.1	-2.0	ABCN	13313
132	1/0ACSR	26.4	24.9	0.0	ABCN	144	62	4	2	209	86	5	93	0.0	1.7	124.3	0.0	-1.3	ABCN	132
131	4ACSR	32.0	24.9	0.0	A N	27	12	2	3	65	25	5	93	0.1	1.8	124.2	0.0	-1.1	A N	131
11399	4ACSR	37.8	24.9	0.0	A N	38	16	3	2	38	15	3	93	0.0	1.8	124.2	0.0	-1.1	A N	11399
11251	4ACSR	26.0	24.9	0.0	A N	138	59	10	7	138	58	10	92	0.1	1.5	124.5	0.1	-0.7	A N	11251
9118	4ACSR	10.4	24.9	0.0	A N	45	19	3	10	195	81	14	92	0.2	0.6	125.4	0.3	-0.6	A N	9118
8116	4ACSR	15.0	24.9	0.0	A N	125	53	9	6	125	52	9	92	0.1	0.7	125.3	0.1	-0.9	A N	8116
91181	4ACSR	11.7	24.9	0.0	A N	25	11	2	1	25	10	2	92	0.0	0.6	125.4	0.0	-0.3	A N	91181

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********** Load-Flow Results For Trapp Ckt 1 **********
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Trapp Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					376	187	19	90			126.0			ABCN	Feeder
325	1/0ACSR	5.7	12.5	0.0	ABCN	25	14	1	8	376	187	19	90	0.4	0.4	125.6	1.2	-0.2	ABCN	325
3250	1/0ACSR	5.9	12.5	0.0	ABCN	46	4	2	2	106	38	5	94	0.0	0.4	125.6	0.0	-0.1	ABCN	3250
3251	4ACSR	11.6	12.5	0.0	A N	60	34	9	7	60	34	9	87	0.3	0.8	125.2	0.1	-0.2	A N	3251
3252	1/0ACSR	9.1	12.5	0.0	ABCN	24	14	1	5	244	135	12	87	0.2	0.6	125.4	0.3	-0.4	ABCN	3252
324	4ACSR	13.1	12.5	0.0	A N	0	0	0	12	109	60	17	88	0.7	1.4	124.6	0.6	0.1	A N	324
312	4ACSR	20.6	12.5	0.0	A N	12	7	2	1	12	6	2	88	0.1	1.4	124.6	0.0	-0.4	A N	312
3241	4ACSR	15.3	12.5	0.0	A N	0	0	0	11	97	54	15	87	0.3	1.7	124.3	0.3	0.0	A N	3241
3061	4ACSR	21.7	12.5	0.0	A N	35	20	5	9	84	47	13	87	0.7	2.3	123.7	0.4	-0.1	A N	3061
306	4ACSR	26.0	12.5	0.0	A N	49	28	8	5	49	28	8	87	0.2	2.5	123.5	0.1	-0.2	A N	306
3062	4ACSR	29.6	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	2.5	123.5	0.0	-0.2	A N	3062
313	4ACSR	19.1	12.5	0.0	A N	12	7	2	1	12	7	2	88	0.0	1.7	124.3	0.0	-0.2	A N	313
326	4ACSR	12.5	12.5	0.0	A N	1	1	0	12	110	61	17	87	0.6	1.3	124.7	0.5	0.1	A N	326
3261	4ACSR	15.0	12.5	0.0	A N	34	19	5	4	34	19	5	87	0.1	1.3	124.7	0.0	-0.1	A N	3261
3262	4ACSR	15.8	12.5	0.0	A N	14	8	2	8	75	42	11	87	0.3	1.6	124.4	0.2	-0.1	A N	3262
3263	4ACSR	17.4	12.5	0.0	A N	0	0	0	0	0	-0	0	-97	0.0	1.6	124.4	0.0	-0.1	A N	3263
327	4ACSR	21.8	12.5	0.0	A N	35	20	5	7	60	34	9	87	0.4	2.0	124.0	0.2	-0.2	A N	327
3271	4ACSR	28.6	12.5	0.0	A N	25	14	4	3	25	14	4	87	0.1	2.1	123.9	0.0	-0.3	A N	3271

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********** Load-Flow Results For Trapp Ckt 2 **********
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Trapp Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					749	406	38	88			126.0			ABCN	Feeder
339	336ACSR	0.9	12.5	0.0	ABCN	23	13	1	7	749	406	38	88	0.1	0.1	125.9	0.2	0.2	ABCN	339
3391	336ACSR	2.4	12.5	0.0	ABCN	35	10	2	6	620	335	31	88	0.1	0.1	125.9	0.2	0.2	ABCN	3391
3392	1/0ACSR	5.9	12.5	0.0	ABCN	55	31	3	13	585	324	30	87	0.4	0.6	125.4	1.8	0.7	ABCN	3392
3393	1/0ACSR	8.8	12.5	0.0	ABCN	39	22	2	10	468	259	24	88	0.3	0.9	125.1	1.0	0.2	ABCN	3393
353	1/0ACSR	12.4	12.5	0.0	ABCN	57	32	3	7	314	173	16	88	0.2	1.1	124.9	0.5	-0.3	ABCN	353
3531	1/0ACSR	16.3	12.5	0.0	ABCN	36	20	2	6	256	141	13	88	0.2	1.3	124.7	0.4	-0.4	ABCN	3531
366	4ACSR	16.9	12.5	0.0	ABCN	0	0	0	4	114	62	6	88	0.0	1.3	124.7	0.0	-0.1	ABCN	366
3661	4ACSR	19.6	12.5	0.0	A N	13	7	2	1	13	7	2	87	0.0	1.6	124.4	0.0	-0.1	A N	3661
3662	4ACSR	20.2	12.5	0.0	A N	18	10	3	11	102	55	15	88	0.5	2.0	124.0	0.4	0.0	A N	3662
3663	4ACSR	26.4	12.5	0.0	A N	36	20	6	9	83	45	13	88	0.6	2.6	123.4	0.4	-0.1	A N	3663
3711	4ACSR	30.1	12.5	0.0	A N	1	0	0	3	29	15	4	89	0.2	2.8	123.2	0.0	-0.2	A N	3711
371	4ACSR	35.1	12.5	0.0	A N	8	5	1	3	25	14	4	88	0.2	3.0	123.0	0.0	-0.2	A N	371
3710	4ACSR	40.2	12.5	0.0	A N	17	9	3	2	17	9	3	88	0.1	3.0	123.0	0.0	-0.2	A N	3710
370	6ACWC	40.7	12.5	0.0	A N	3	2	0	0	3	1	0	93	0.0	2.8	123.2	0.0	-0.5	A N	370
603	4ACSR	33.9	12.5	0.0	A N	18	10	3	2	18	10	3	88	0.1	2.8	123.2	0.0	-0.4	A N	603
365	6ACWC	19.2	12.5	0.0	A N	19	11	3	12	105	58	16	87	0.4	1.9	124.1	0.3	0.0	A N	365
3651	6ACWC	27.0	12.5	0.0	A N	29	16	4	3	29	16	4	88	0.2	2.1	123.9	0.0	-0.4	A N	3651
3652	6ACWC	26.3	12.5	0.0	A N	26	15	4	6	57	31	9	88	0.5	2.4	123.6	0.2	-0.2	A N	3652
3653	6ACWC	30.7	12.5	0.0	A N	27	15	4	3	27	15	4	87	0.1	2.5	123.5	0.0	-0.2	A N	3653
3654	6ACWC	29.5	12.5	0.0	A N	3	2	1	0	3	2	1	89	0.0	2.4	123.6	0.0	-0.2	A N	3654
342	4ACSR	10.5	12.5	0.0	A N	17	9	3	12	114	63	17	87	0.3	1.2	124.8	0.2	0.0	A N	342
3422	4ACSR	12.3	12.5	0.0	A N	24	14	4	7	62	34	9	87	0.1	1.4	124.6	0.1	-0.1	A N	3422
34221	4ACSR	15.2	12.5	0.0	A N	0	0	0	4	38	21	6	88	0.2	1.6	124.4	0.0	-0.1	A N	34221
3423	4ACSR	19.4	12.5	0.0	A N	26	15	4	3	26	15	4	87	0.1	1.6	124.4	0.0	-0.2	A N	3423
3424	4ACSR	19.3	12.5	0.0	A N	11	6	2	1	11	6	2	88	0.0	1.6	124.4	0.0	-0.2	A N	3424
3421	4ACSR	16.2	12.5	0.0	A N	35	20	5	4	35	20	5	87	0.2	1.4	124.6	0.0	-0.3	A N	3421
349	4ACSR	9.3	12.5	0.0	A N	11	6	2	7	60	34	9	87	0.3	0.9	125.1	0.1	-0.1	A N	349
3491	4ACSR	10.9	12.5	0.0	A N	31	17	5	3	31	17	5	87	0.0	1.0	125.0	0.0	-0.1	A N	3491
352	4ACSR	15.7	12.5	0.0	A N	18	10	3	2	18	10	3	88	0.1	1.0	125.0	0.0	-0.3	A N	352
323	4ACSR	5.2	12.5	0.0	A N	13	7	2	11	105	58	16	88	0.6	0.7	125.3	0.5	0.1	A N	323
3231	4ACSR	10.4	12.5	0.0	A N	24	13	4	10	92	51	14	88	0.6	1.3	124.7	0.4	-0.0	A N	3231
311	4ACSR	15.9	12.5	0.0	A N	16	9	3	6	55	30	8	88	0.4	1.7	124.3	0.2	-0.2	A N	311
31121	4ACSR	17.5	12.5	0.0	A N	0	0	0	4	38	21	6	88	0.1	1.8	124.2	0.0	-0.1	A N	31121
305	4ACSR	26.0	12.5	0.0	A N	38	21	6	4	38	21	6	87	0.2	2.1	123.9	0.1	-0.4	A N	305
33111	4ACSR	18.4	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	1.8	124.2	0.0	-0.0	A N	33111
322	4ACSR	17.5	12.5	0.0	A N	14	8	2	1	14	7	2	88	0.1	1.4	124.6	0.0	-0.4	A N	322

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********** Load-Flow Results For Trapp Ckt 3 **********
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Trapp Ckt 3

Section	Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder				12.5	0.0	ABCN					295	-32	13	-99			126.0			ABCN	Feeder
3380	336ACSR		0.9	12.5	0.0	ABCN	0	-0	0	2	295	-32	13	-99	0.0	0.0	126.0	0.0	-0.1	ABCN	3380
338	336ACSR		2.5	12.5	0.0	ABCN	-0	0	0	2	295	-31	13	-99	0.0	0.0	126.0	0.0	-0.2	ABCN	338
340	1/0ACSR		6.2	12.5	0.0	ABCN	116	-135	8	6	295	-31	13	-99	0.2	0.2	125.8	0.4	-0.4	ABCN	340
Capacitor (Wye-Gnd Connected) at Center of Section 340																					
ABCN : Nominal = 150 kvar Actual = 165 kvar																					
351	1/0ACSR		8.4	12.5	0.0	ABCN	5	3	0	3	152	87	8	87	0.1	0.2	125.8	0.1	-0.4	ABCN	351
350	1/0ACSR		13.8	12.5	0.0	ABCN	34	23	2	1	57	33	3	87	0.0	0.3	125.7	0.0	-1.0	ABCN	350
3501	1/0ACSR		18.3	12.5	0.0	ABCN	0	-0	0	0	8	2	0	96	0.0	0.3	125.7	0.0	-0.9	ABCN	3501
335	1/0ACSR		25.0	12.5	0.0	ABCN	8	6	0	0	8	4	0	89	0.0	0.3	125.7	0.0	-1.3	ABCN	335
359	1/0ACSR		21.3	12.5	0.0	ABCN	0	0	0	0	0	-1	0	0	-0.0	0.3	125.7	0.0	-0.6	ABCN	359
336	4ACSR		29.8	12.5	0.0	A N	0	0	0	0	0	-0	0	0	-0.0	0.5	125.5	0.0	-0.4	A N	336
3502	4ACSR		20.9	12.5	0.0	A N	14	9	2	2	14	9	2	84	0.1	0.6	125.4	0.0	-0.4	A N	3502
357	4ACSR		13.7	12.5	0.0	A N	27	18	4	10	90	52	14	87	0.6	1.0	125.0	0.4	-0.1	A N	357
3570	4ACSR		19.2	12.5	0.0	A N	25	16	4	7	63	34	10	88	0.4	1.4	124.6	0.2	-0.2	A N	3570
364	4ACSR		28.0	12.5	0.0	A N	38	18	6	4	38	18	6	91	0.2	1.7	124.3	0.1	-0.4	A N	364
337	4ACSR		12.4	12.5	0.0	A N	26	17	4	3	26	17	4	84	0.1	0.4	125.6	0.0	-0.3	A N	337

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********** Load-Flow Results For Van Meter Ckt 1 **********
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Van Meter Ckt 1

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					238	111	12	91			126.0			ABCN	Feeder
27	4ACSR	1.1	12.5	0.0	ABCN	0	-0	0	8	238	111	12	91	0.1	0.1	125.9	0.2	-0.1	ABCN	27
27000	4ACSR	7.4	12.5	0.0	A N	222	105	33	25	238	111	35	91	1.2	1.3	124.7	2.0	0.8	A N	27000
28	4ACSR	12.7	12.5	0.0	A N	12	6	2	1	14	6	2	93	0.1	1.3	124.7	0.0	-0.3	A N	28
30	4ACSR	19.5	12.5	0.0	A N	1	1	0	0	1	0	0	98	0.0	1.3	124.7	0.0	-0.3	A N	30
31	4ACSR	19.1	12.5	0.0	A N	0	0	0	0	1	-0	0	-99	0.0	1.3	124.7	0.0	-0.3	A N	31
29	4ACSR	24.4	12.5	0.0	A N	1	0	0	0	1	0	0	99	0.0	1.3	124.7	0.0	-0.3	A N	29

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********** Load-Flow Results For Van Meter Ckt 2 **********
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Van Meter Ckt 2

Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
Feeder			12.5	0.0	ABCN					279	130	14	91			126.0			ABCN	Feeder
26	1/0ACSR	5.4	12.5	0.0	ABCN	75	36	4	6	279	130	14	91	0.3	0.3	125.7	0.5	-0.6	ABCN	26
1300	1/0ACSR	10.7	12.5	0.0	ABCN	202	95	10	4	203	95	10	91	0.1	0.4	125.6	0.6	-0.4	ABCN	1300
1301	1/0ACSR	14.3	12.5	0.0	ABCN	1	0	0	0	1	-0	0	-95	0.0	0.4	125.6	0.0	-0.7	ABCN	1301
Regulator	REG-219A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 1301																			
	ABCN : Tap = 0 NEUTRAL																			
Regulator		14.3	12.5	0.0	ABCN				0	0	0	0	0	0.0	0.4	125.6	0.0	0.0	ABCN	Regulator

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********** Load-Flow Results For Van Meter Ckt 3 **********
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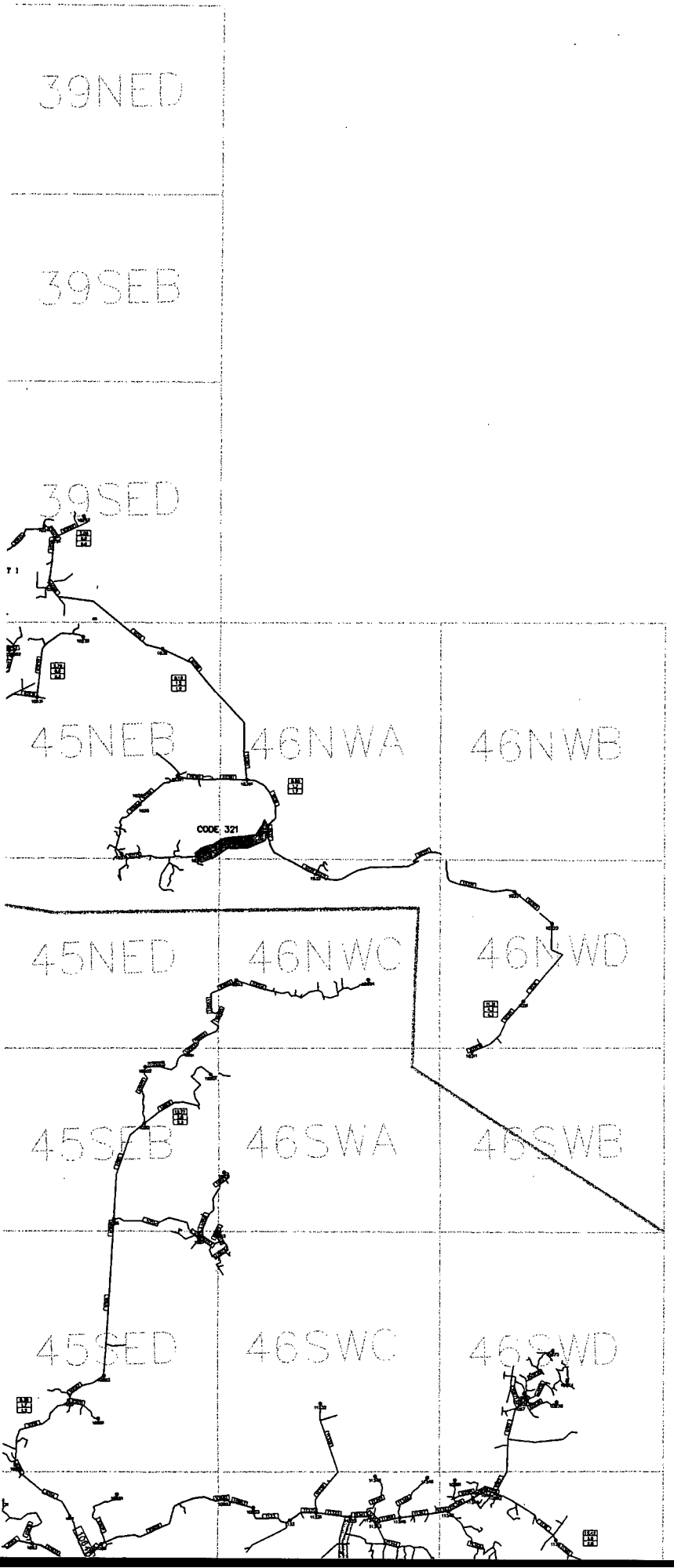
Van Meter Ckt 3

	Section Name	Phase Conduct	Dist K FT	Nom kVLL	%V Imb	Phs Cfg	Section Load kW	kvar	Amps	Ldg Pct	Load Into Section kW	kvar	Amps	pf	-- 120V Base -- Volt Drop	Accm Drop	Volt Level	Losses KW	KVAR	Phs Cfg	Section
	Feeder			12.5	0.0	ABCN					1877	630	87	95			126.0			ABCN	Feeder
	25	1/0ACSR	6.4	12.5	0.0	ABCN	48	22	2	38	1877	630	87	95	2.3	2.3	123.7	30.2	21.6	ABCN	25
	1325	1/0ACSR	11.2	12.5	0.0	ABCN	78	36	4	37	1799	586	85	95	1.7	4.0	122.0	21.0	15.0	ABCN	1325
	17	1/0ACSR	13.7	12.5	0.0	ABCN	101	37	5	35	1700	535	81	95	0.8	4.8	121.2	10.1	7.2	ABCN	17
	Regulator 1PREG-100A-7.2 (BANK OF 1-PHASE Wye-Gnd) at LOAD End of Section 17																				
	ABCN : Tap = 6 RAISE																				
C	Regulator		13.7	12.5	0.0	ABCN				76	1589	490	76	96	-4.5	0.3	125.7	0.0	0.0	ABCN	Regulator
	15	1/0ACSR	14.9	12.5	0.0	ABCN	98	45	5	31	1554	474	72	96	0.3	0.6	125.4	3.6	2.5	ABCN	15
	13	1/0ACSR	19.7	12.5	0.0	ABCN	47	22	2	21	1071	254	49	97	0.9	1.5	124.5	6.9	4.3	ABCN	13
	1319	1/0ACSR	24.3	12.5	0.0	ABCN	65	30	3	20	1016	228	46	98	0.8	2.4	123.6	6.0	3.7	ABCN	1319
	1328	1/0ACSR	25.5	12.5	0.0	ABCN	16	7	1	18	906	176	41	98	0.2	2.5	123.5	1.3	0.7	ABCN	1328
	9001	1/0ACSR	31.6	12.5	0.0	ABCN	188	-108	10	12	612	89	28	99	0.6	3.2	122.8	2.8	1.1	ABCN	9001
	Capacitor (Wye-Gnd Connected) at Center of Section 9001																				
	ABCN : Nominal = 150 kvar Actual = 158 kvar																				
	90011	1/0ACSR	35.7	12.5	0.0	ABCN	30	14	1	9	422	195	21	91	0.4	3.5	122.5	1.1	0.1	ABCN	90011
	1	1/0ACSR	43.1	12.5	0.0	ABCN	55	25	3	7	331	153	17	91	0.5	4.0	122.0	1.1	-0.5	ABCN	1
	1326	4ACSR	51.7	12.5	0.0	A N	104	48	16	11	104	48	16	91	0.7	5.7	120.3	0.6	-0.1	A N	1326
	1327	1/0ACSR	48.3	12.5	0.0	ABCN	31	14	2	4	170	79	9	91	0.2	4.2	121.8	0.2	-0.8	ABCN	1327
	1324	4ACSR	50.1	12.5	0.0	A N	55	26	8	6	56	26	8	91	0.1	5.3	120.7	0.0	-0.1	A N	1324
	13271	4ACSR	50.1	12.5	0.0	A N	82	38	13	9	83	38	13	91	0.1	5.3	120.7	0.1	-0.0	A N	13271
	90012	4ACSR	41.9	12.5	0.0	A N	59	28	9	6	59	27	9	91	0.3	4.7	121.3	0.1	-0.2	A N	90012
	11	4ACSR	28.9	12.5	0.0	A N	4	2	1	28	275	78	39	96	1.3	4.4	121.6	2.7	1.3	A N	11
	1320	4ACSR	33.5	12.5	0.0	A N	20	9	3	2	20	9	3	91	0.1	4.4	121.6	0.0	-0.2	A N	1320
	7	4ACSR	36.6	12.5	0.0	A N	122	8	17	25	248	65	35	97	2.0	6.4	119.6	3.2	1.3	A N	7
	1322	4ACSR	40.9	12.5	0.0	A N	53	25	8	13	122	56	19	91	0.6	7.0	119.0	0.5	0.1	A N	1322
	1323	4ACSR	48.7	12.5	0.0	A N	56	26	9	8	68	31	11	91	0.5	7.5	118.5	0.2	-0.2	A N	1323
	10	4ACSR	54.6	12.5	0.0	A N	12	5	2	1	12	5	2	91	0.1	7.6	118.4	0.0	-0.3	A N	10
	12	4ACSR	34.5	12.5	0.0	A N	38	18	6	4	38	17	6	91	0.3	3.2	122.8	0.1	-0.5	A N	12
	20	4ACSR	18.5	12.5	0.0	ABCN	145	67	7	13	381	171	19	91	0.5	1.1	124.9	1.6	-0.0	ABCN	20
	1313	4ACSR	24.8	12.5	0.0	ABCN	50	23	2	8	235	104	11	91	0.5	1.6	124.4	1.0	-0.7	ABCN	1313
	1314	1/0ACSR	26.4	12.5	0.0	ABCN	5	2	0	4	184	81	9	92	0.1	1.7	124.3	0.1	-0.2	ABCN	1314
	1315	4ACSR	33.3	12.5	0.0	A N	37	17	5	4	37	17	5	91	0.2	2.6	123.4	0.1	-0.3	A N	1315
	1316	1/0ACSR	29.2	12.5	0.0	ABCN	0	0	0	3	142	62	7	92	0.1	1.7	124.3	0.1	-0.5	ABCN	1316
	21	4ACSR	35.8	12.5	0.0	A N	5	2	1	0	5	2	1	93	0.0	2.6	123.4	0.0	-0.3	A N	21
	22	4ACSR	38.1	12.5	0.0	ABCN	41	19	2	5	137	61	7	91	0.4	2.2	123.8	0.5	-1.4	ABCN	22
	1318	4ACSR	44.2	12.5	0.0	ABCN	38	18	2	3	95	43	5	91	0.2	2.4	123.6	0.2	-1.0	ABCN	1318
	23	4ACSR	51.9	12.5	0.0	A N	57	26	9	6	57	26	9	91	0.3	3.8	122.2	0.1	-0.3	A N	23
	1317	4ACSR	31.7	12.5	0.0	ABCN	0	0	0	0	0	-0	0	-12	-0.0	1.7	124.3	0.0	-0.4	ABCN	1317
	16	4ACSR	17.8	12.5	0.0	A N	35	16	5	4	35	16	5	91	0.1	0.7	125.3	0.0	-0.2	A N	16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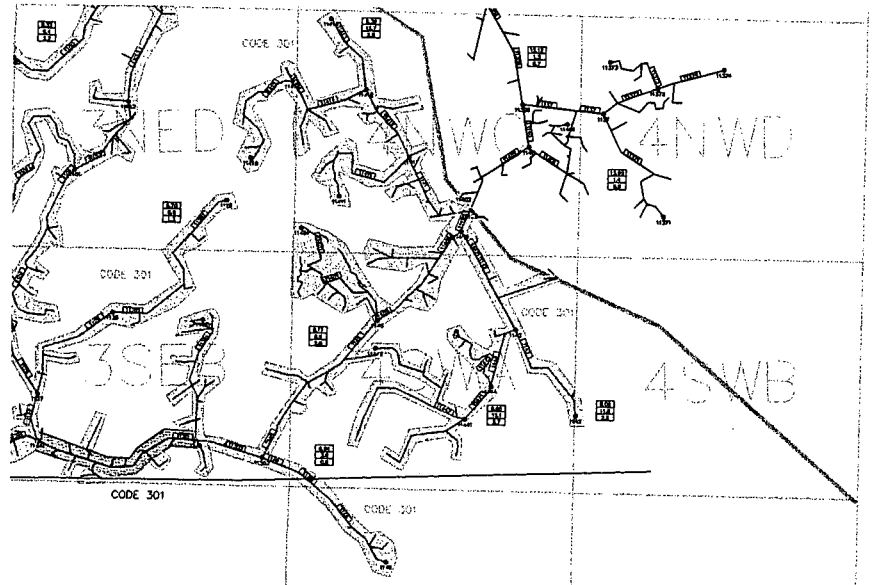


3SED

4SWC

4SWD

9NEB

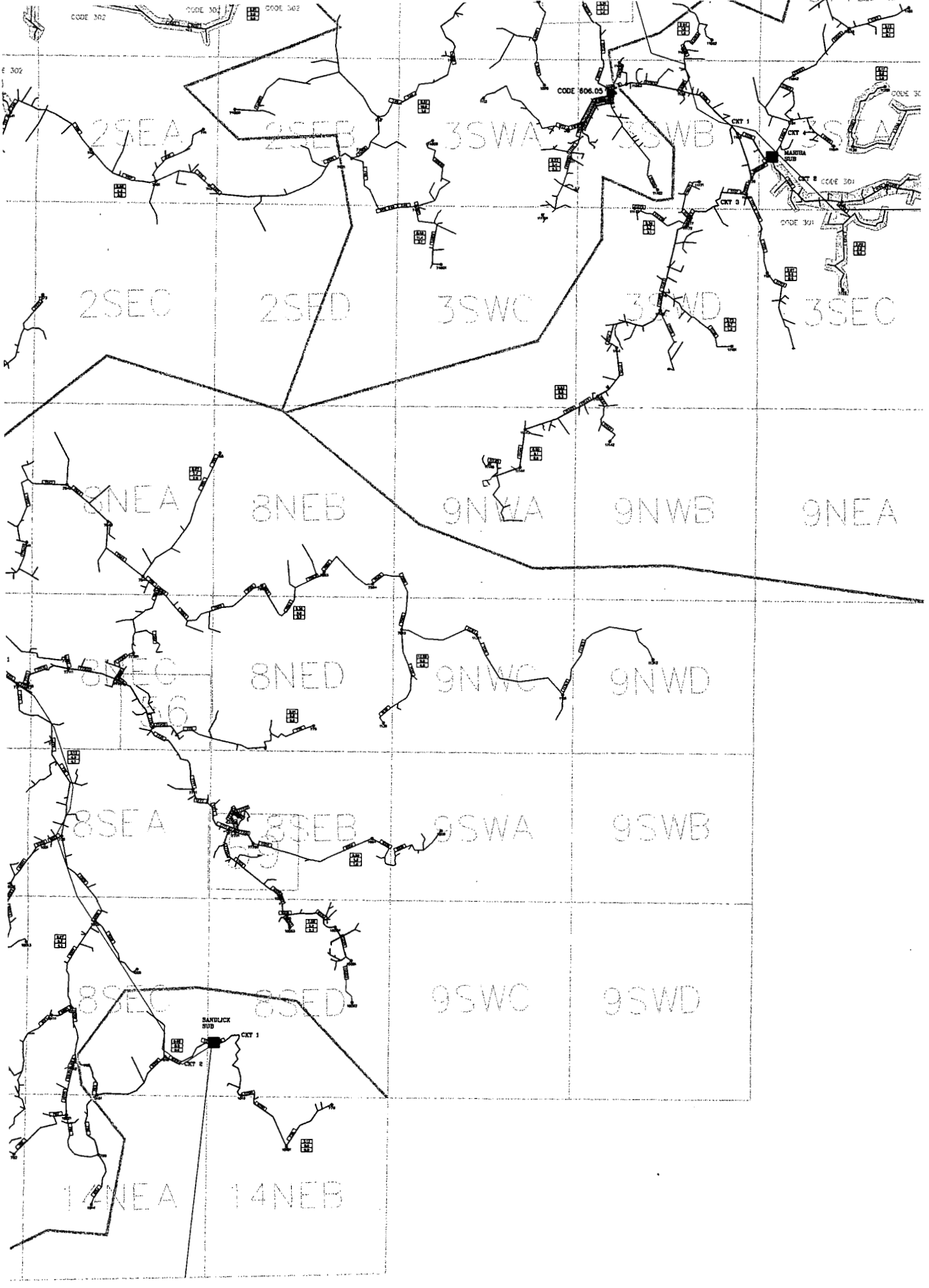
LEGEND

NEW SINGLE PHASE CONSTRUCTION	
THREE PHASE CONVERSION	
CONDUCTOR REPLACEMENT	
UNDERGROUND REPLACEMENT	
7.2KV TO 14.4KV VOLTAGE CONVERSION	
NEW THREE PHASE CONSTRUCTION	
MILES FROM SUBSTATION	0.00
BEFORE IMPROVEMENTS	0.0
AFTER IMPROVEMENTS	0.0

CLARK ENERGY COOPERATIVE, INC
WINCHESTER, KY.

1" = 1 MILE

JUNE 1999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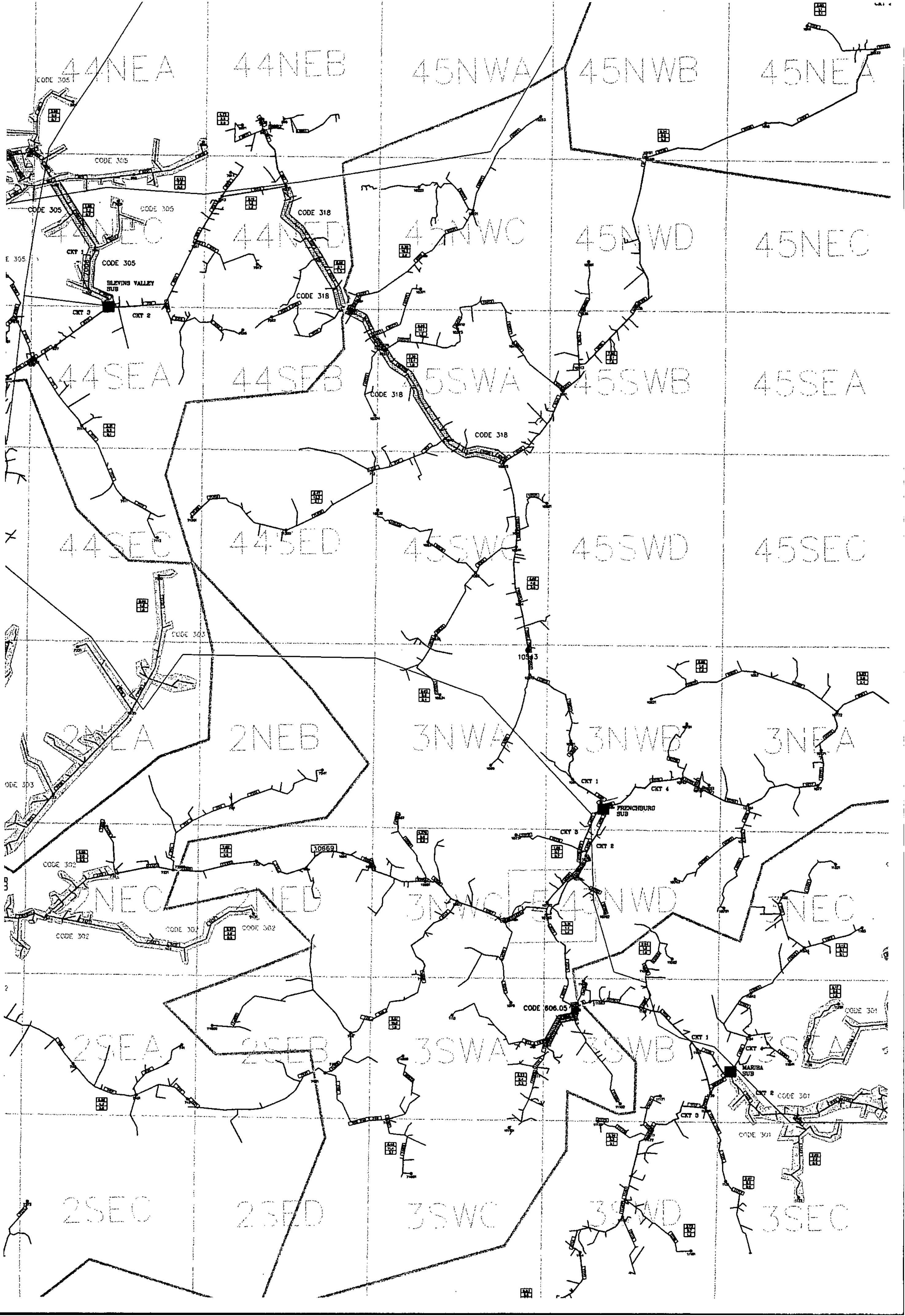

44NEA
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45NWA
45NWB
45NEA
CODE 305
CODE 305
CODE 305
CODE 305
CODE 305
44NEC
44NED
45NWC
45NWD
45NEC
CODE 318
CKT 1
BLEVINS VALLEY SUB
CKT 3
CKT 2
CODE 318
44SEA
44SEB
45SWA
45SWB
45SEA
CODE 318
CODE 318
44SEC
44SED
45SWC
45SWD
45SEC
CODE 303
10543
2NEA
2NEB
3NWA
3NWB
3NEA
CKT 1
CKT 4
FRENCHBURG SUB
CKT 3
CKT 2
10669
CODE 302
2NEC
2NED
3NWC
4NWD
3NEC
CODE 302
CODE 301
CODE 302
CODE 606.05
2SEA
2SEB
3SWA
3SWB
3SEA
CKT 1
CKT 4
MARIBA SUB
CKT 2
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CKT 3
CODE 301
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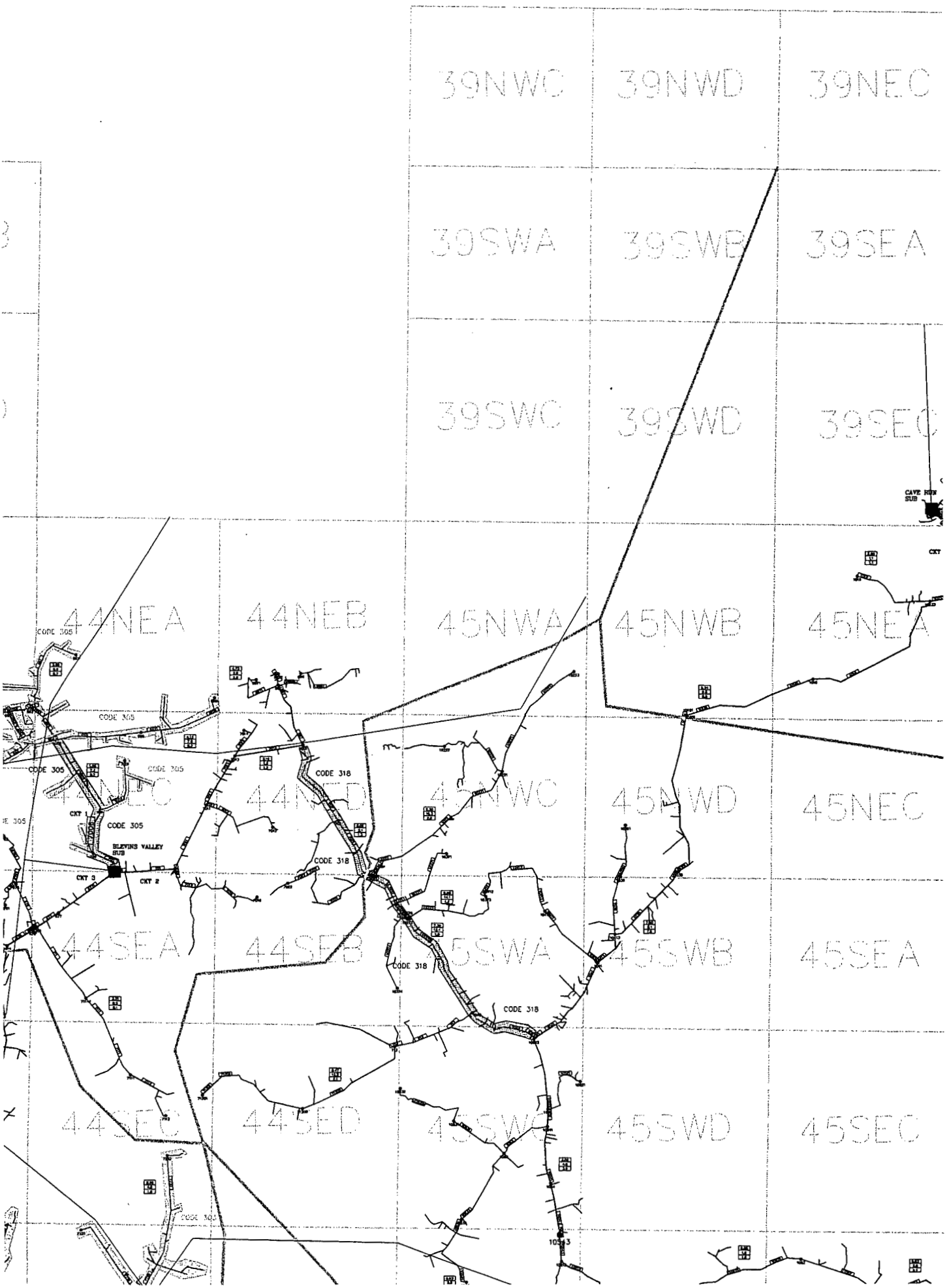
2SED
3SWC
3SWD
3SEC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39NWD
39NEC
39SWA
39SWB
39SEA
39SWC
39SWD
39SEC
44NEA
44NEB
45NWA
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45NEA
44NEC
44NED
45NWC
45NWD
45NEC
44SEA
44SEB
45SWA
45SWB
45SEA
44SEC
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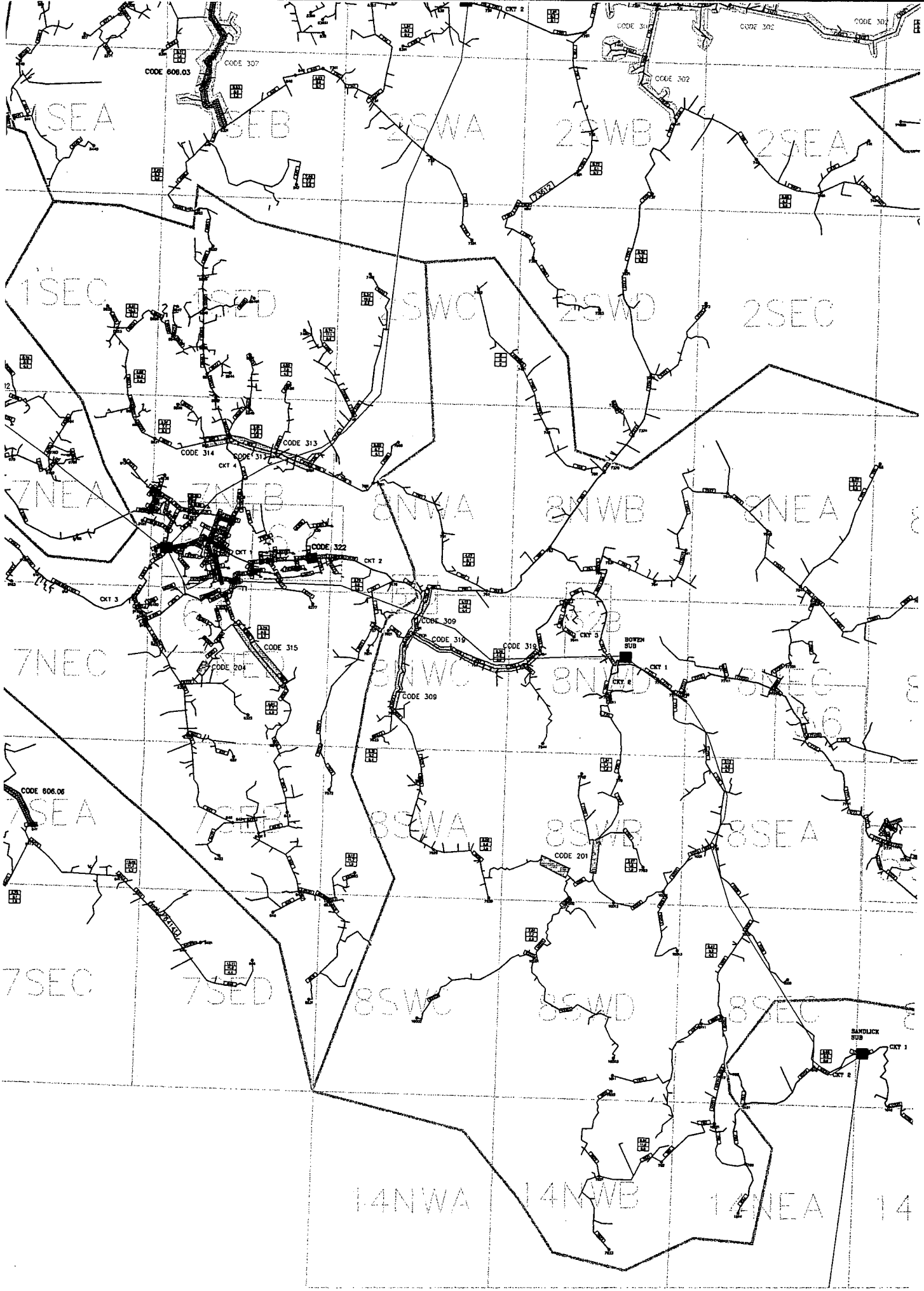
45SWC
45SWD
45SEC
CODE 305
CODE 318
BLEVINS VALLEY SUB
CKT 1
CKT 2
CKT 3
CAVE RUN SUB


CODE 606.03
CODE 307
CODE 302
CODE 313
CODE 314
CKT 4
CODE 322
CKT 1
CKT 2
CKT 3
CODE 315
CODE 204
CODE 309
CODE 319
BOWEN SUB
CODE 606.05
CODE 201
SANDLICK SUB
1SEA
1SEB
2SWA
2SWB
2SEA
1SEC
1SED
2SWC
2SWD
2SEC
7NEA
7NEB
8NWA
8NWB
8NEA
7NEC
7SEA
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7SED
8SWC
8SWD
8SEC
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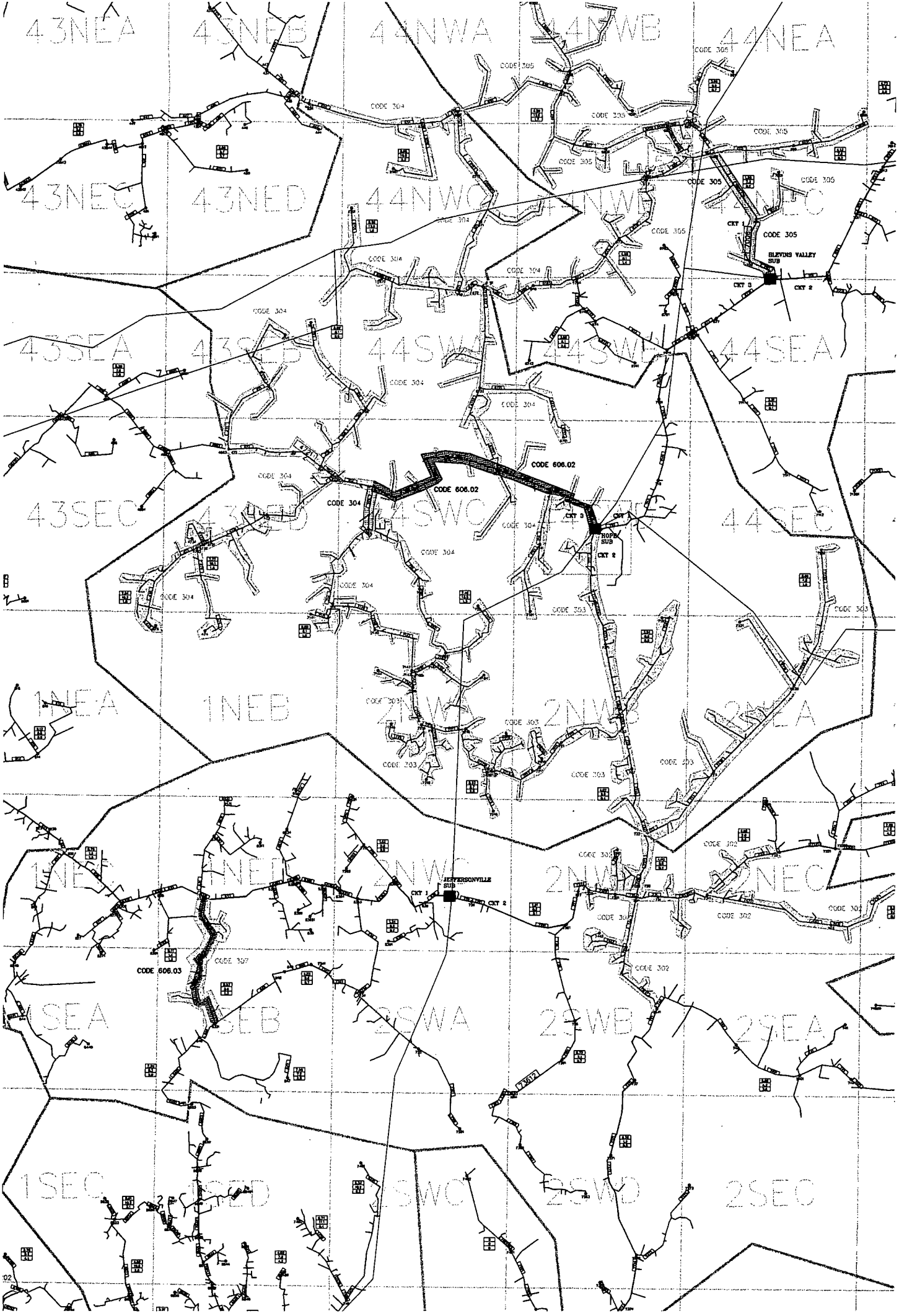
14NWB
14NEA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44NWA
44NWB
44NEA
43NEC
43NED
44NWC
44NWD
44NEC
CODE 305
CODE 304
CKT 1
CKT 2
ELEVINS VALLEY SUB
43SEA
43SEB
44SWA
44SWB
44SEA
CODE 606.02
43SEC
43SED
44SWC
44SWD
44SEC
HOPE SUB
CODE 303
1NEA
1NEB
2NWA
2NWB
2NEA
1NEC
1NED
2NWC
2NWD
2NEC
JEFFERSONVILLE SUB
CODE 302
CODE 606.03
CODE 307
1SEA
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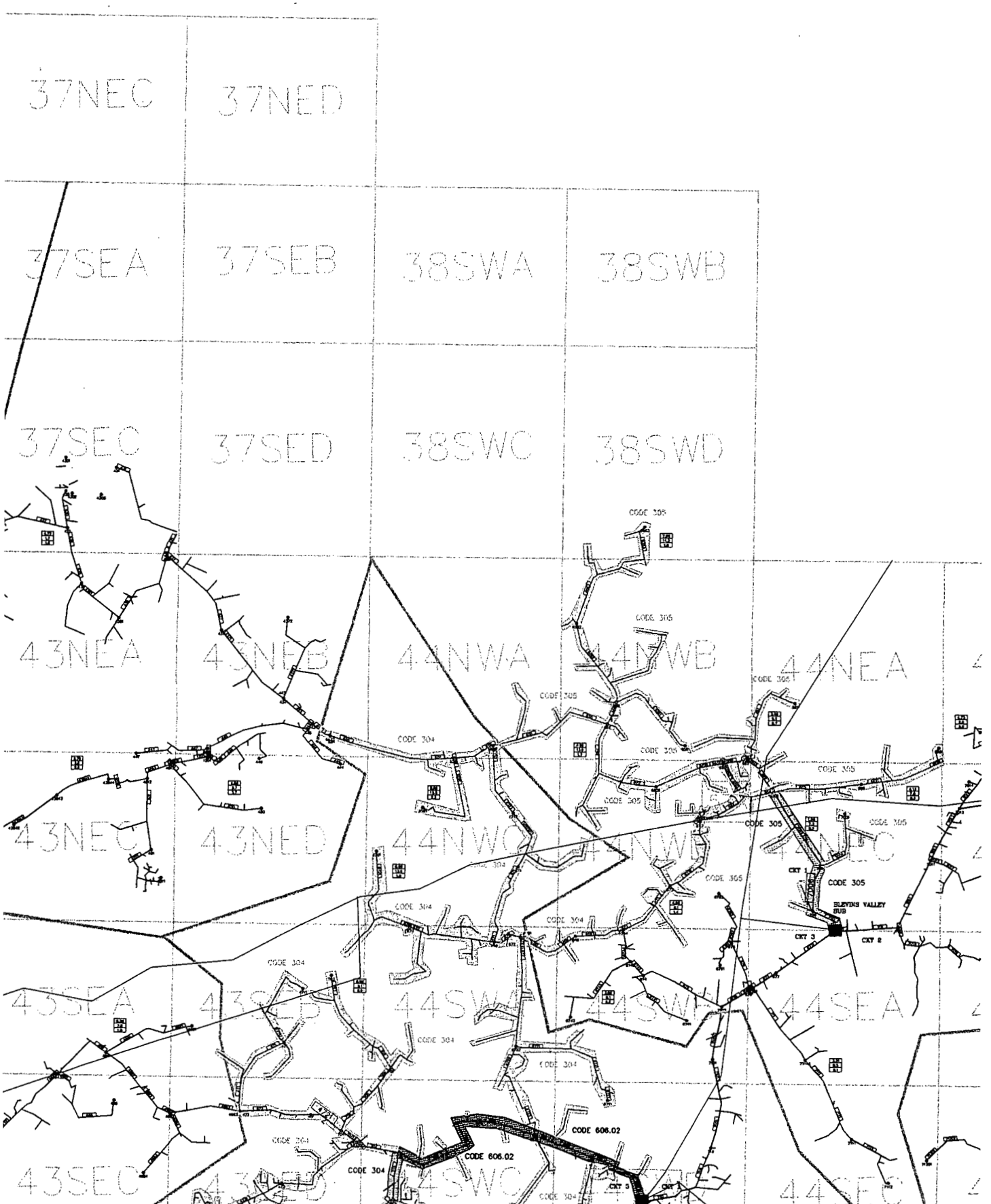
2SWA
2SWB
2SEA
1SEC
1SED
2SWC
2SWD
2SEC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37SEB
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38SWB
37SEC
37SED
38SWC
38SWD
43NEA
43NEB
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44NWB
44NEA
43NEC
43NED
44NWC
44NWD
44NEC
43SEA
43SEB
44SWA
44SWB
44SEA
43SEC
43SED
44SWC
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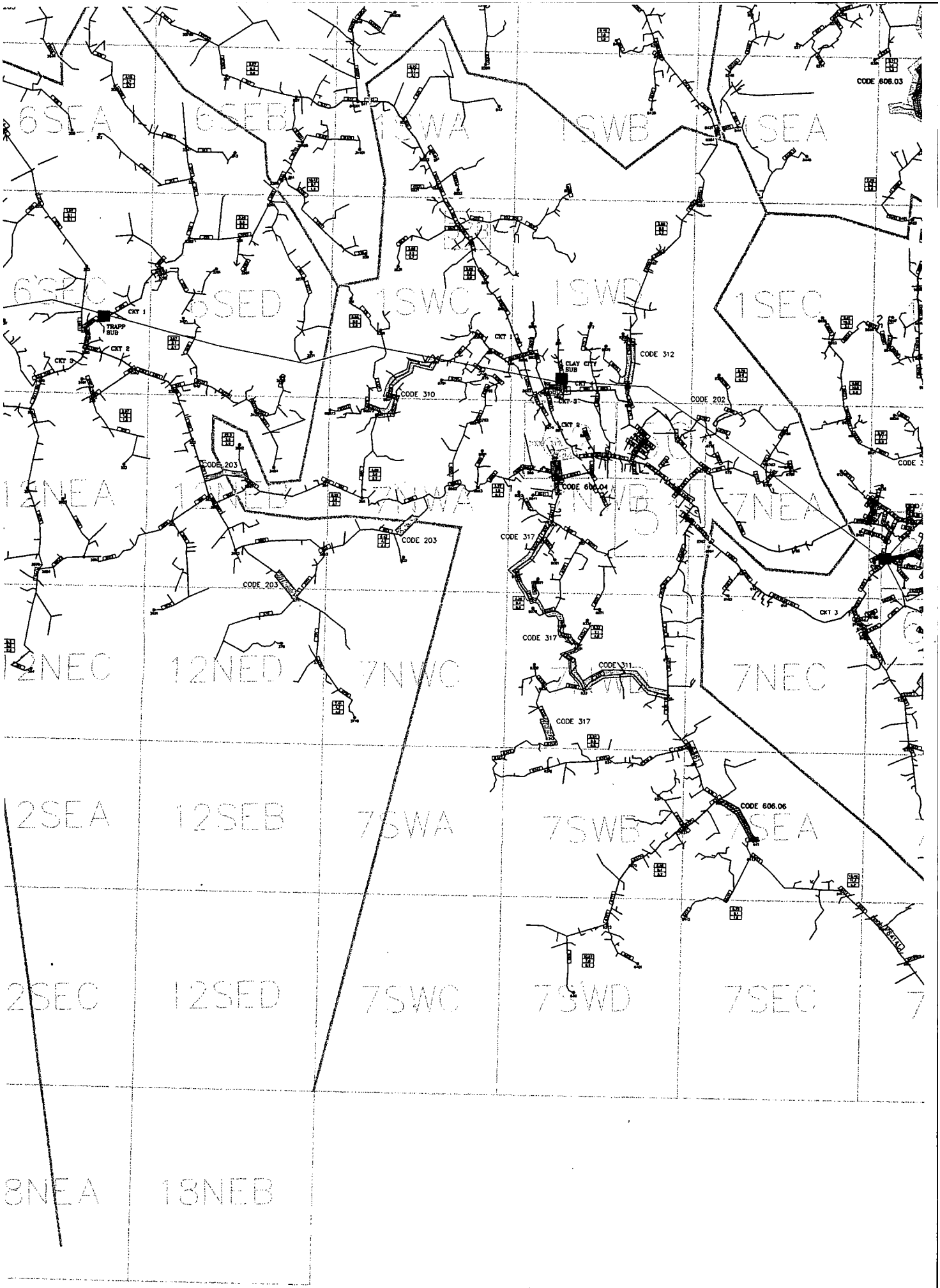
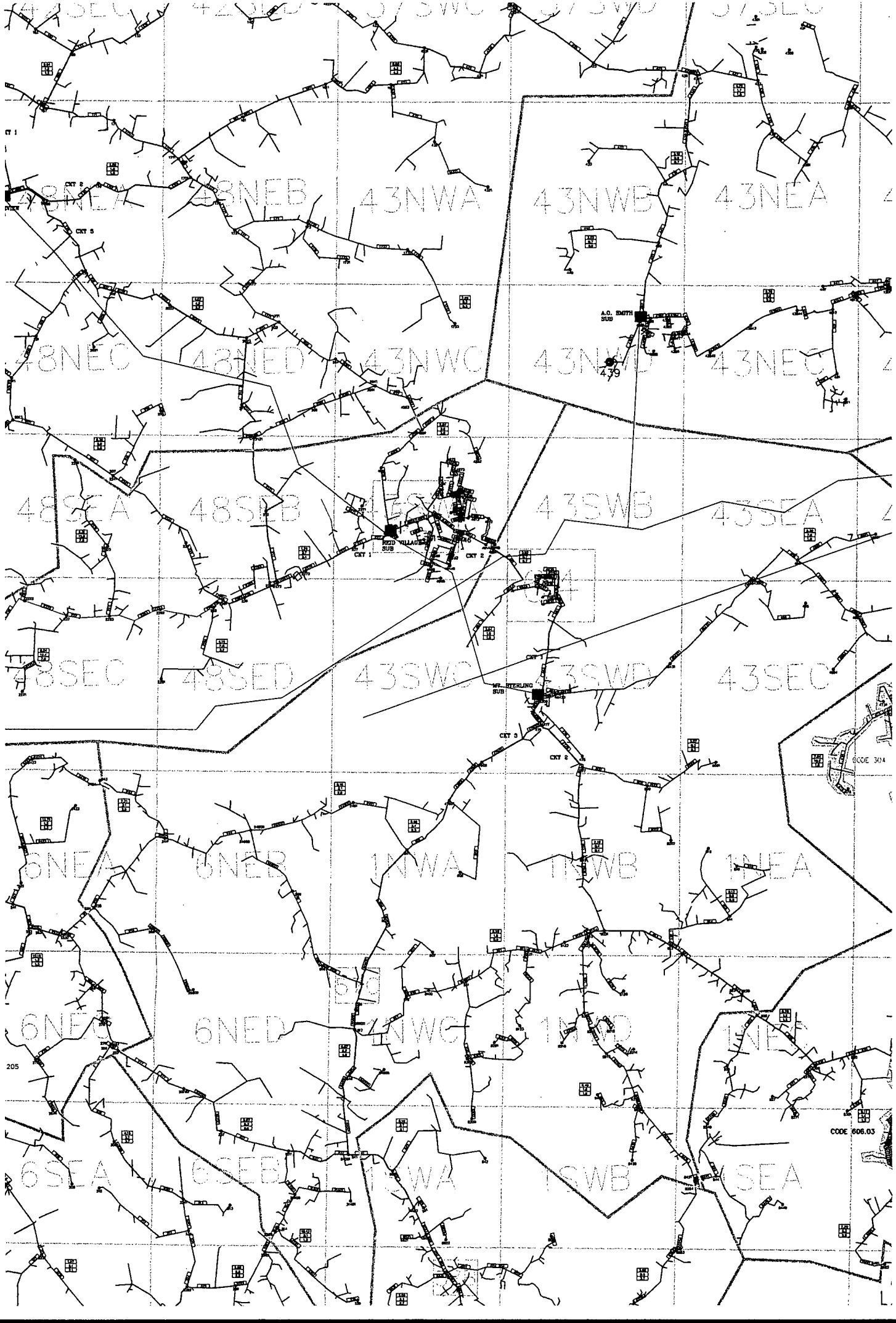
CODE 305
CODE 304
CODE 606.02
CKT 1
CKT 2
CKT 3
ELEVINS VALLEY SUB
HOPE SUB


6SEA
6SEB
6SWA
6SWB
1SEA
6SEC
6SED
1SWC
1SWD
1SEC
12NEA
12NEB
7NWA
7NWB
7NEA
12NEC
12NED
7NWC
7NWD
7NEC
12SEA
12SEB
7SWA
7SWB
7SEA
12SEC
12SED
7SWC
7SWD
7SEC
8NEA
18NEB
TRAPP SUB
CKT 1
CKT 2
CKT 3
CLAY CITY SUB
CODE 310
CODE 312
CODE 202
CODE 203
CODE 317
CODE 311
CODE 606.03
CODE 606.04
CODE 606.06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43NWB
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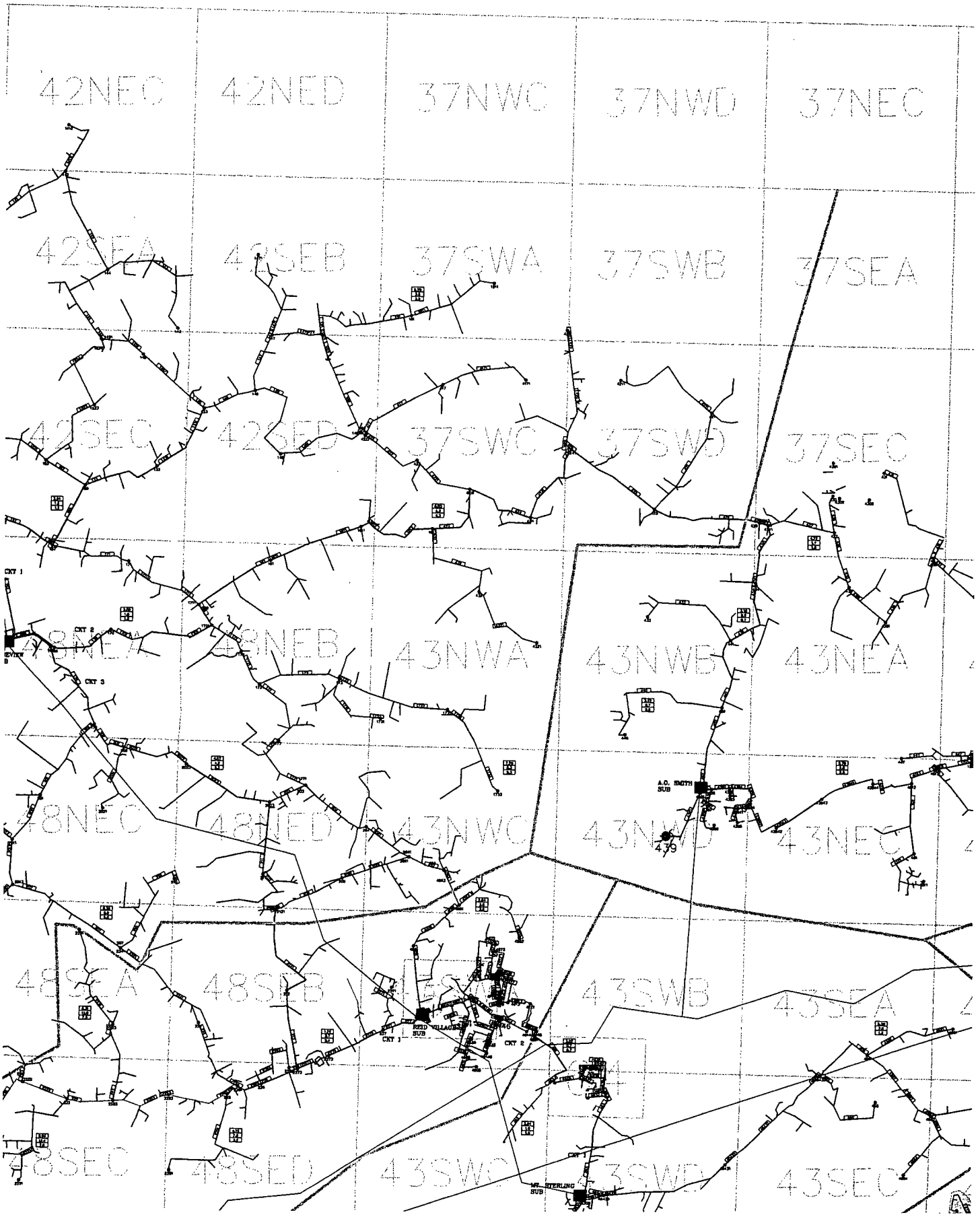
43NWD
43NEC
48SEA
48SEB
43SWB
43SEA
48SEC
48SED
43SWC
43SWD
43SEC
6NEA
6NEB
1NWA
1NWB
1NEA
6NEC
6NED
1NWC
1NWD
1NEC
6SEA
6SEB
1SWA
1SWB
1SEA
A.O. SMITH SUB
MID VILLAGE SUB
MT. STERLING SUB
CKT 1
CKT 2
CKT 3
CODE 304
CODE 606.03
205
439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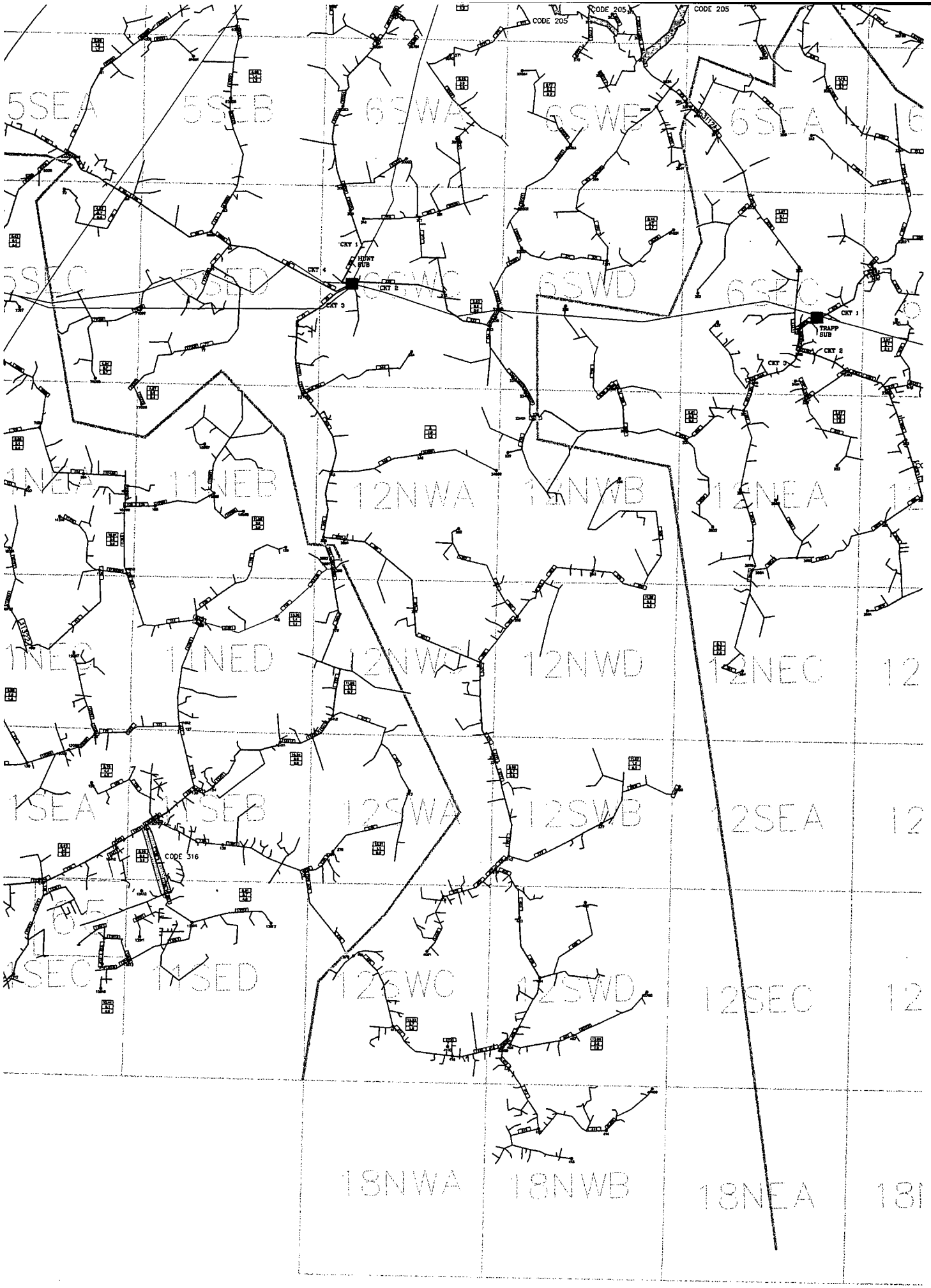
42NED
37NWC
37NWD
37NEC
42SEA
42SEB
37SWA
37SWB
37SEA
42SEC
42SED
37SWC
37SWD
37SEC
43NEA
43NWB
43NWA
43NEB
43NEA
48NEC
48NED
43NWC
43NWD
43NEC
48SEA
48SEB
43SWB
43SEA
48SEC
48SED
43SWC
43SWD
43SEC
A.O. SMITH SUB
REED VILLAGE SUB
MR. STERLING SUB
CKT 1
CKT 2
CKT 3
439


CODE 205
CODE 205
CODE 205
5SEA
5SEB
6SWA
6SWB
6SEA
CKT 1
HUNT SUB
CKT 4
CKT 2
CKT 3
6SWC
6SWD
CKT 1
TRAPP SUB
CKT 2
CKT 3
11NEA
11NEB
12NWA
12NWB
12NEA
11NEC
11NED
12NWC
12NWD
12NEC
11SEA
11SEB
12SWA
12SWB
12SEA
CODE 316
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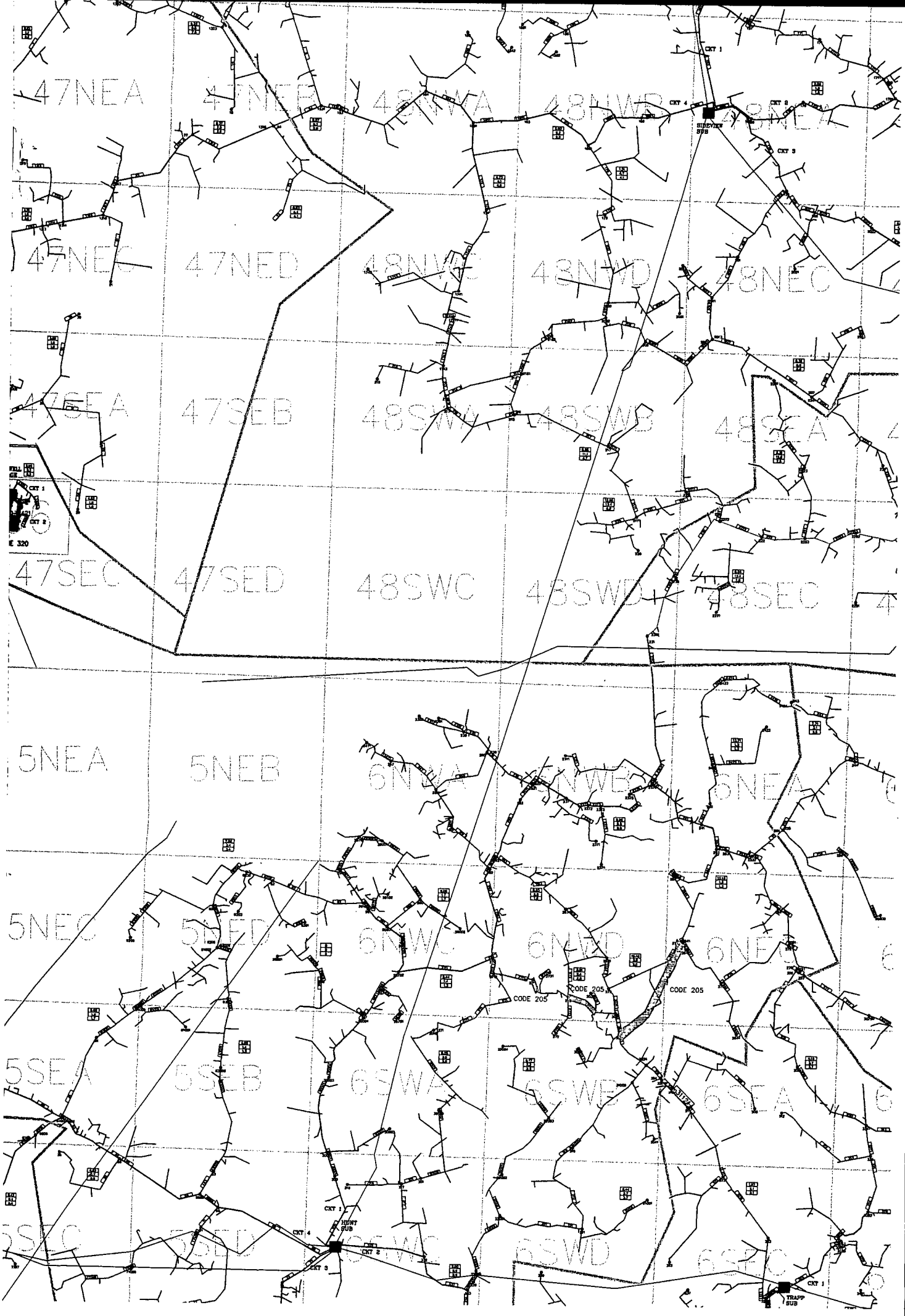
11SED
12SWC
12SWD
12SEC
18NWA
18NWB
18NEA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47NEB
48NWA
48NWB
47NEC
47NED
48NWC
48NWD
48NEC
47SEA
47SEB
48SWA
48SWB
48SEA
47SEC
47SED
48SWC
48SWD
48SEC
5NEA
5NEB
6NWA
6NWB
5NEA
5NEC
5NED
6NWC
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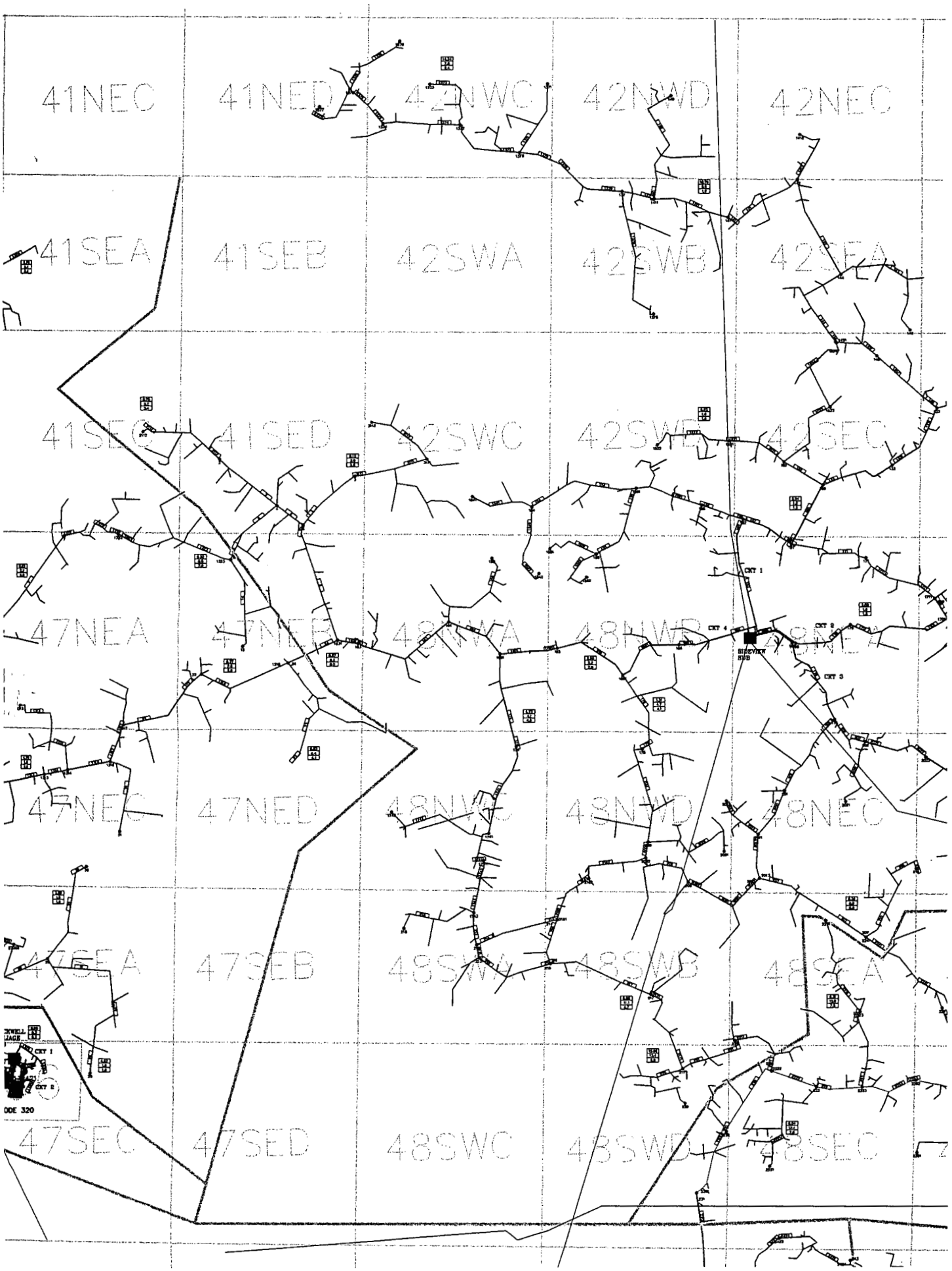
6NEC
5SEA
5SEB
6SWA
6SWB
6SEA
5SEC
5SED
6SWC
6SWD
6SEC
CODE 205
CODE 205
CODE 205
CKT 1
CKT 2
CKT 3
CKT 4
HUNT SUB
TRAPP SUB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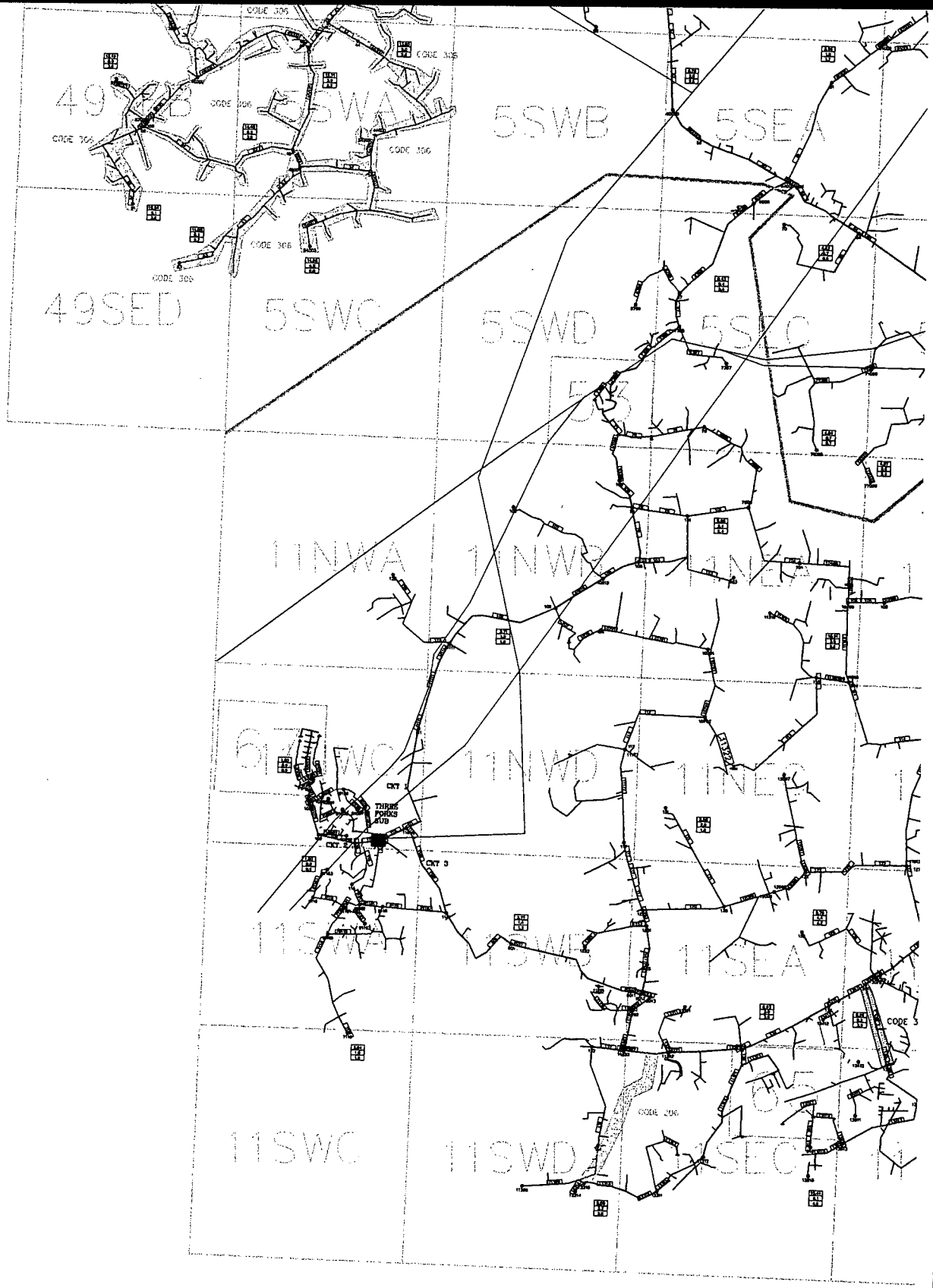
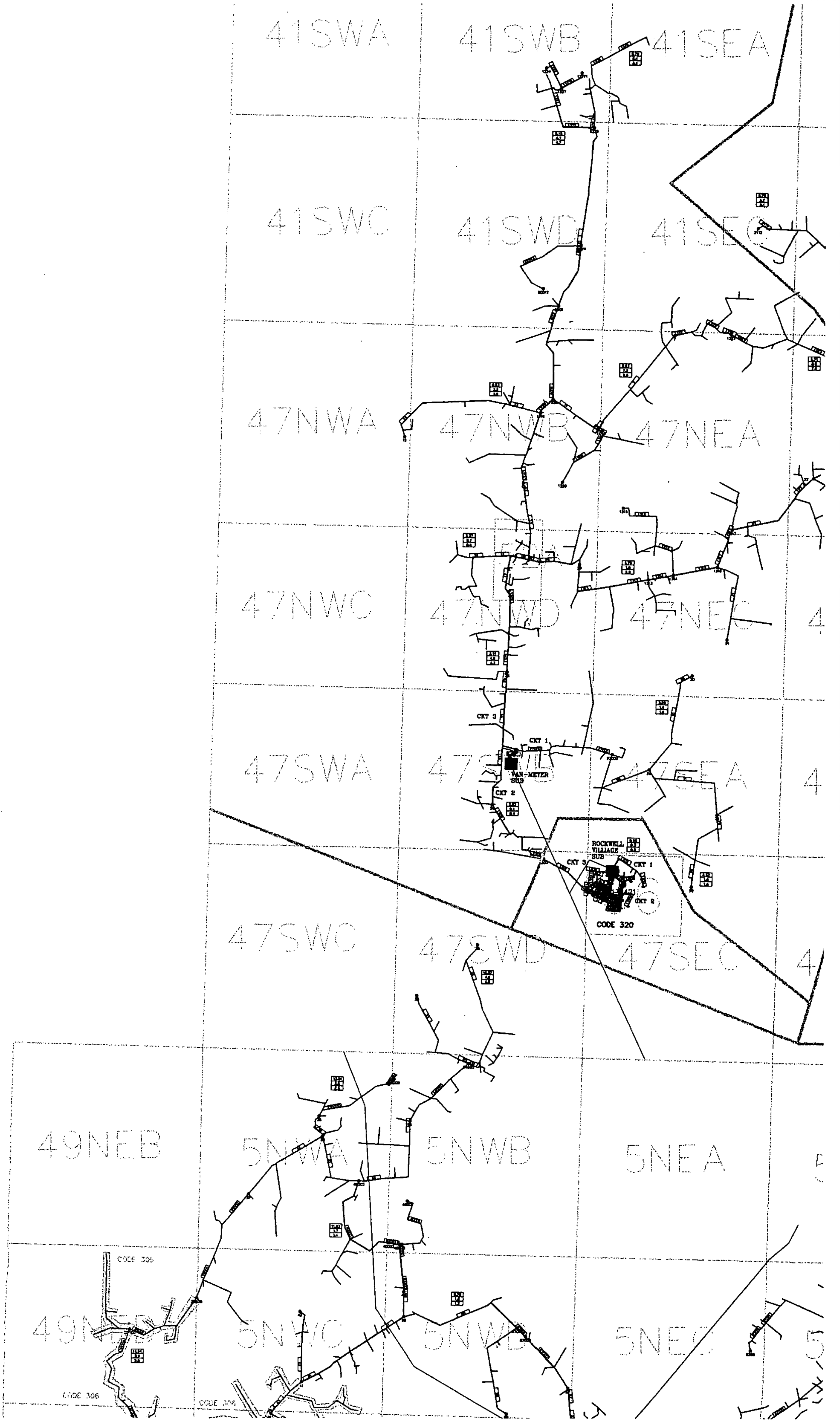
41NED
42NWC
42NWD
42NEC
41SEA
41SEB
42SWA
42SWB
42SEA
41SEC
41SED
42SWC
42SWD
42SEC
47NEA
47NEB
48NWA
48NWB
48NEA
47NEC
47NED
48NWC
48NWD
48NEC
47SEA
47SEB
48SWA
48SWB
48SEA
47SEC
47SED
48SWC
48SWD
48SEC


49SEB
5SWA
5SWB
5SEA
CODE 306
CODE 306
CODE 306
CODE 306
CODE 306
49SED
5SWC
5SWD
5SEC
11NWA
11NWB
11NEA
11NWD
11NEC
CKT 1
THREE FORKS SUB
CKT. 2
CKT 3
11SWA
11SWB
11SEA
CODE 3
CODE 206
11SWC
11SWD
11SEC


41SWA
41SWB
41SEA
41SWC
41SWD
41SEC
47NWA
47NWB
47NEA
47NWC
47NWD
47NEC
47SWA
47SEA
CKT 3
CKT 1
VAN-METER SUB
CKT 2
ROCKWELL VILLIAGE SUB
CKT 3
CKT 1
CKT 2
CODE 320
47SWC
47SWD
47SEC
49NEB
5NWA
5NWB
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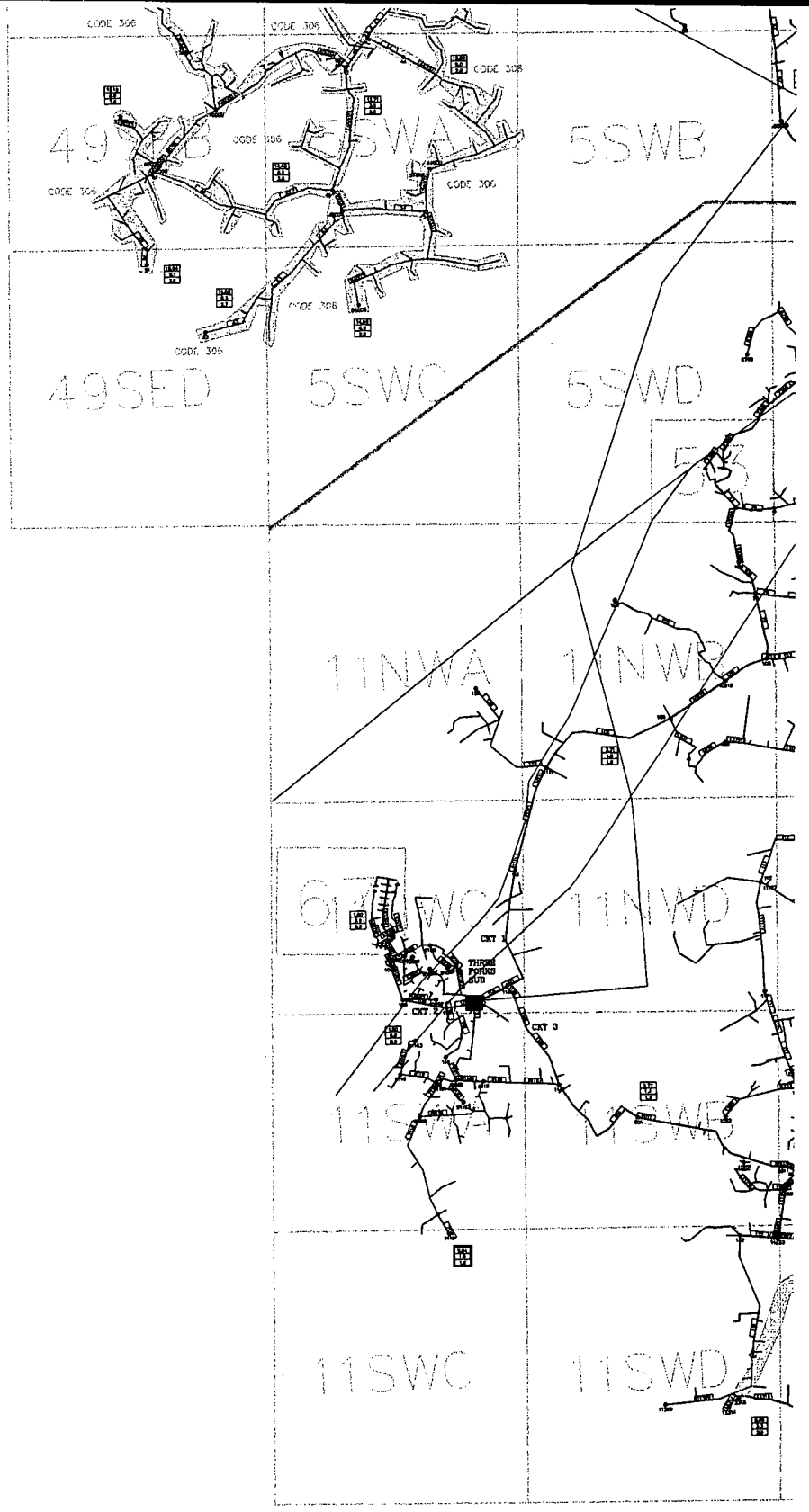
CODE 306
5NWC
5NWD
5NEC
CODE 306
CODE 306


CODE 306
CODE 306
CODE 306
CODE 306
CODE 306
CODE 306
CODE 306
49SED
5SWC
5SWD
11NWA
11NWB
11NWD
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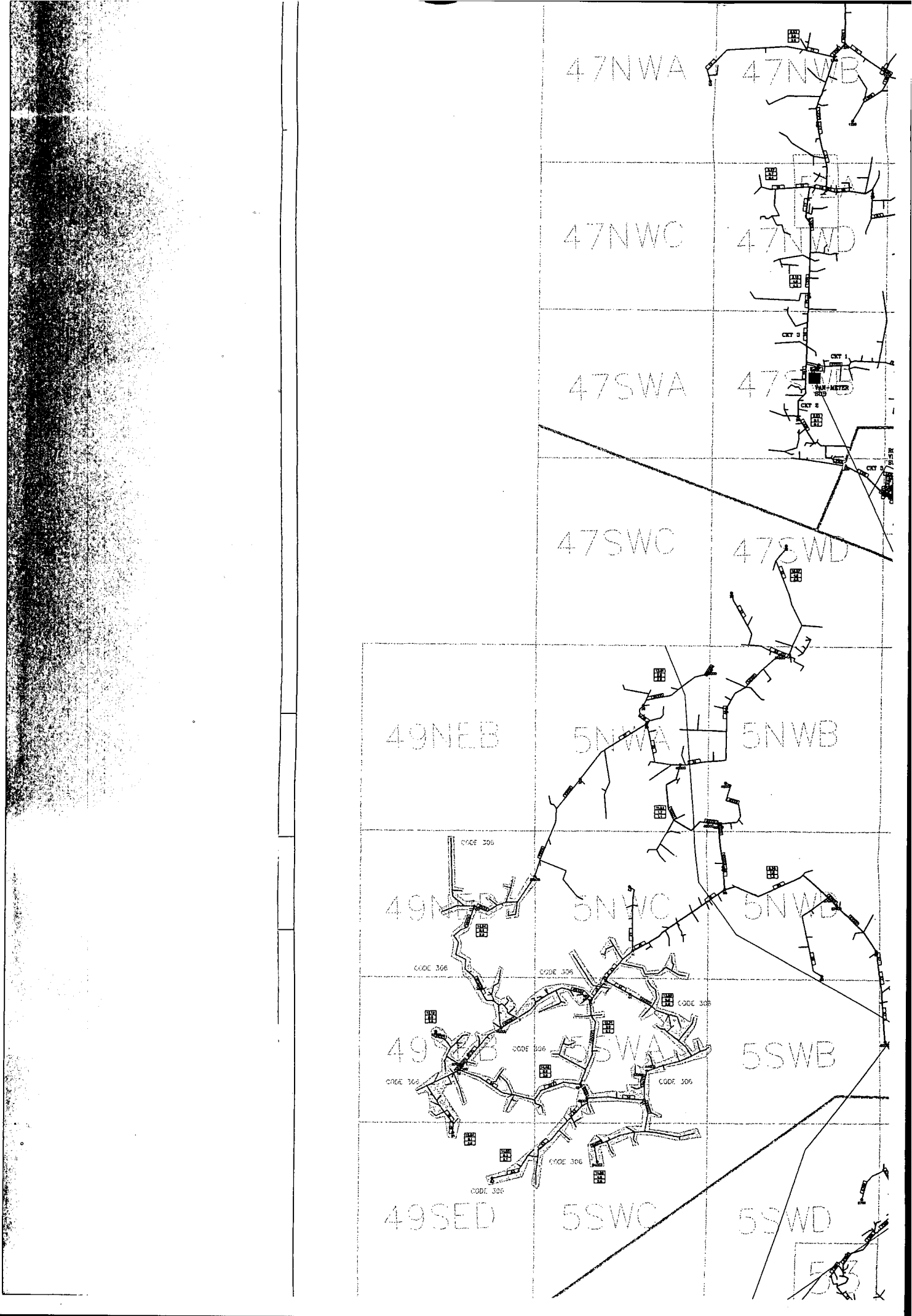
11SWB
11SWC
11SWD
THREE FORKS SUB
CKT 1
CKT 2
CKT 3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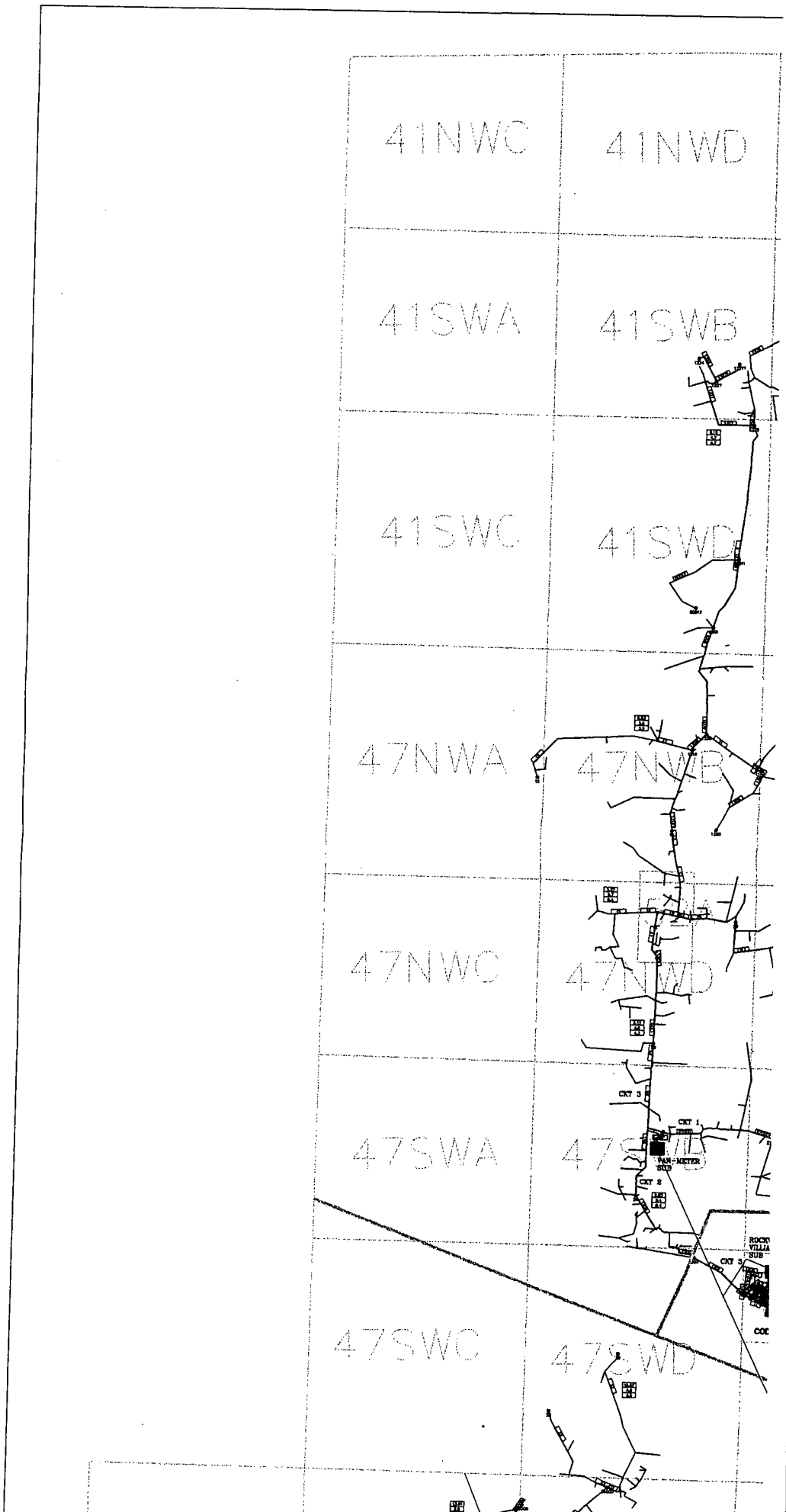
47NWB
47NWC
47NWD
47SWA
47SWB
47SWC
47SWD
49NEB
5NWA
5NWB
49NWB
5NWC
5NWD
49SWB
5SWA
5SWB
49SED
5SWC
5SWD
CODE 306
CKT 1
CKT 2
CKT 3
WATT-METER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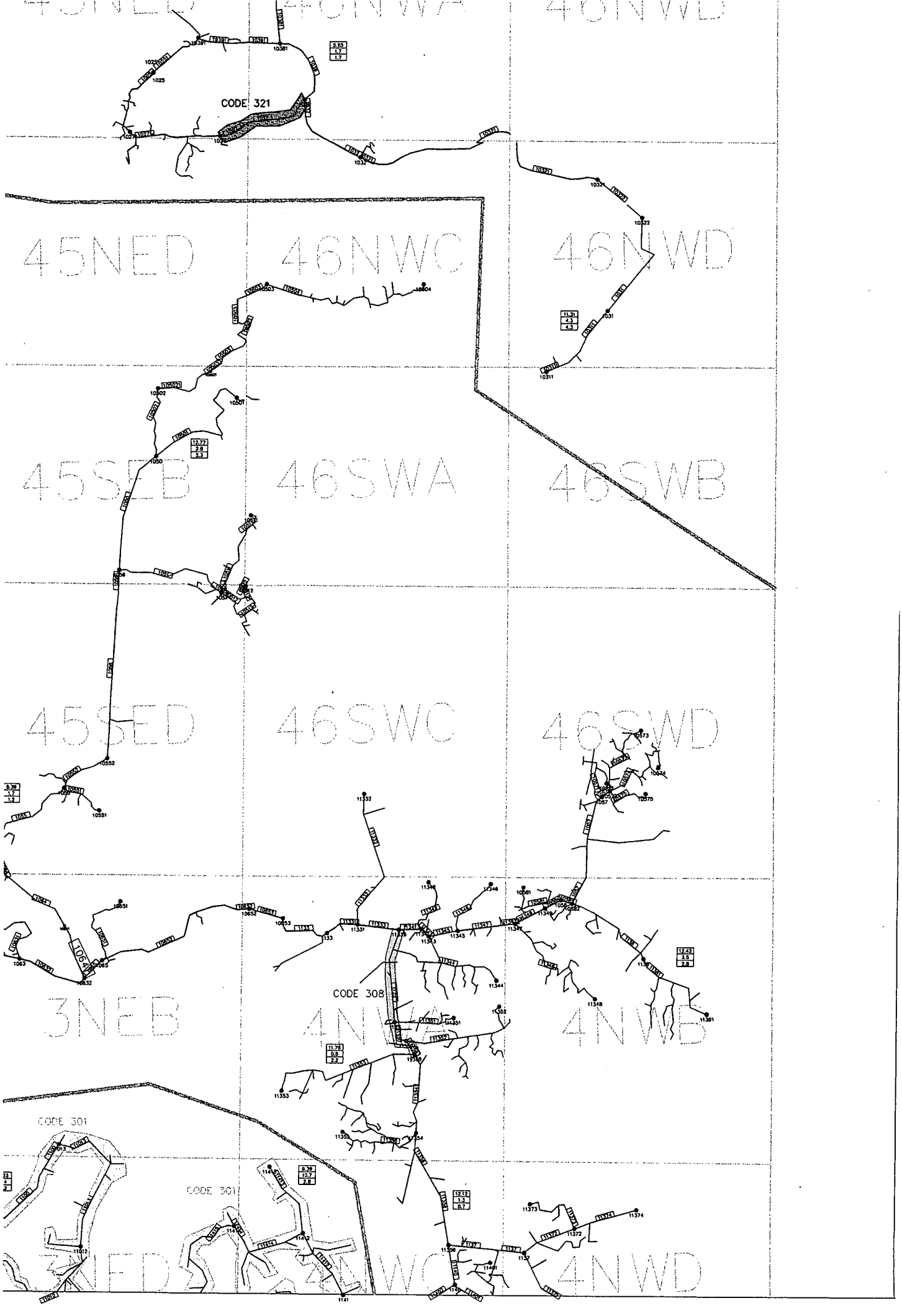
41NWD
41SWA
41SWB
41SWC
41SWD
47NWA
47NWB
47NWC
47NWD
47SWA
47SWB
47SWC
47SWD
CKT 1
CKT 2
CKT 3
FAN-KETCH SUB
ROCK VILLA SUB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46NWD
CODE 321
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46NWC
46NWD
45SEB
46SWA
46SWB
45SED
46SWC
46SWD
3NEB
4NWA
4NWB
CODE 308
CODE 301
CODE 301
3NED
3NEC
4NWC
4NWD

CLARK ENERGY COOPERATIVE, INC
WINCHESTER, KY.

1" = 3500'

JUNE 1999

1999–2003 CONSTRUCTION WORK PLAN – NE QUAD

39NED

39SEB

39SED

45NEB

46NWA

46NWB

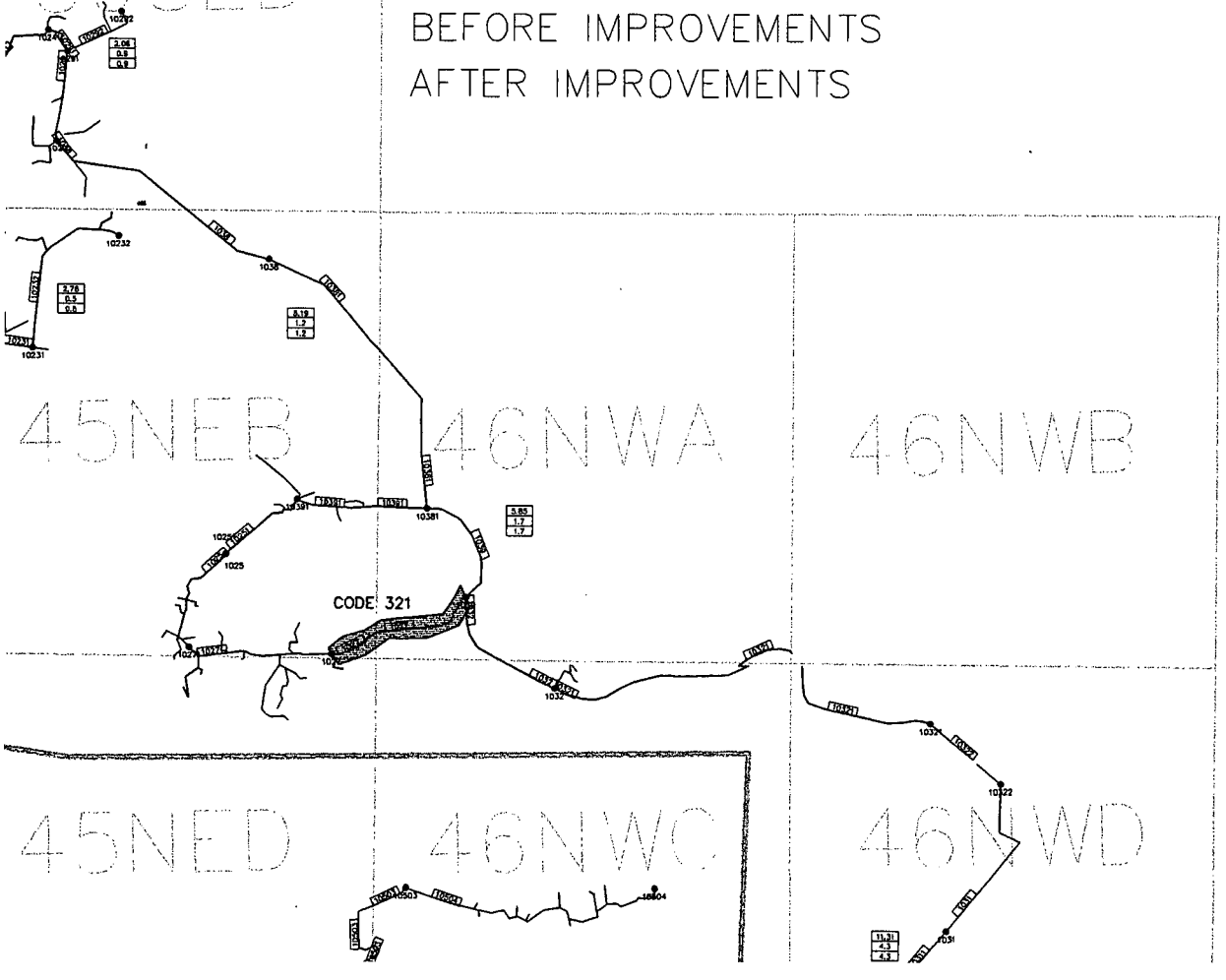
45NED

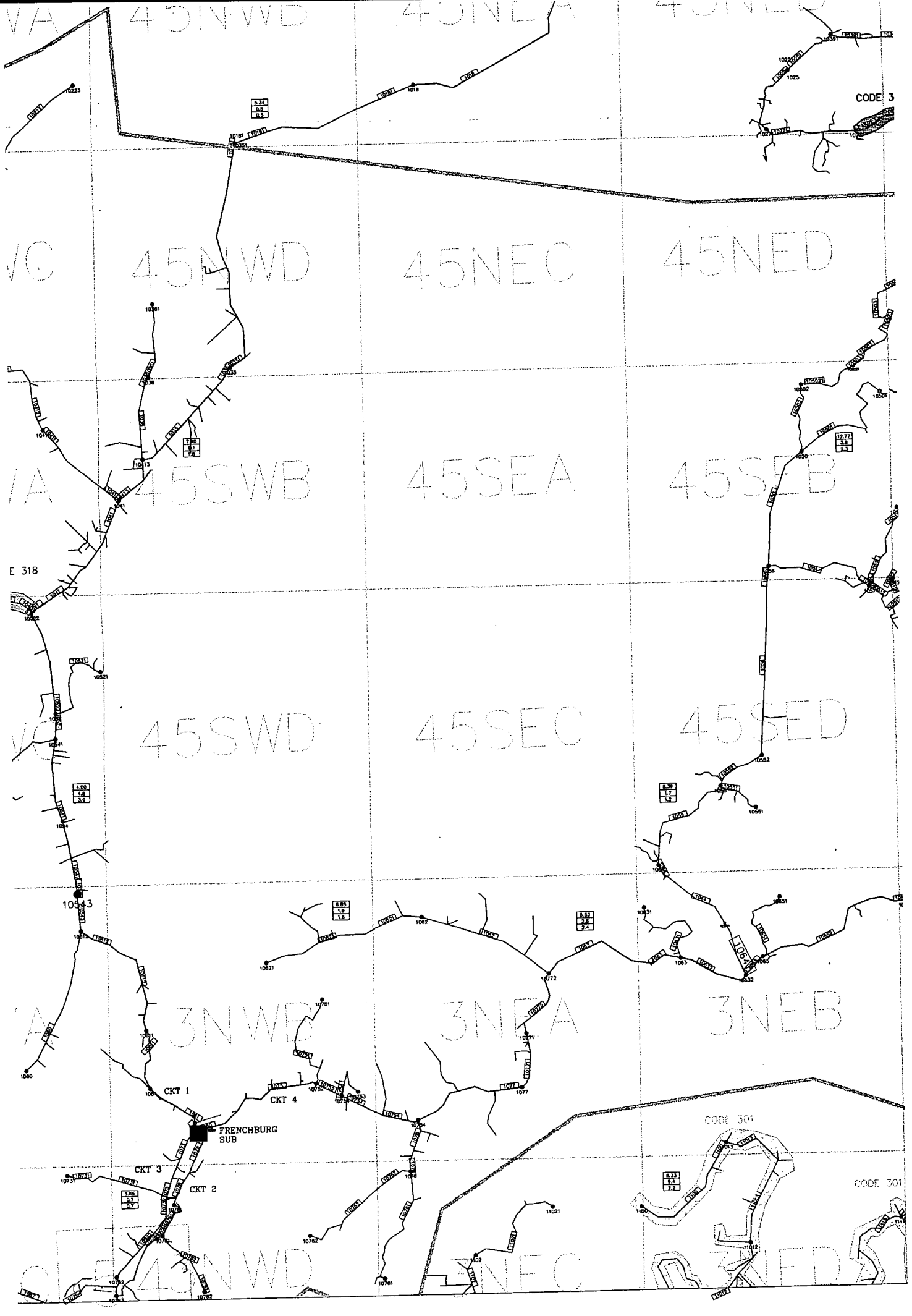
46NWC

46NWD

LEGEND

NEW SINGLE PHASE CONSTRUCTION	
THREE PHASE CONVERSION	
CONDUCTOR REPLACEMENT	
UNDERGROUND REPLACEMENT	
7.2KV TO 14.4KV VOLTAGE CONVERSION	
NEW THREE PHASE CONSTRUCTION	
MILES FROM SUBSTATION	0.00
BEFORE IMPROVEMENTS	0.0
AFTER IMPROVEMENTS	0.0

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45NED
CODE 3
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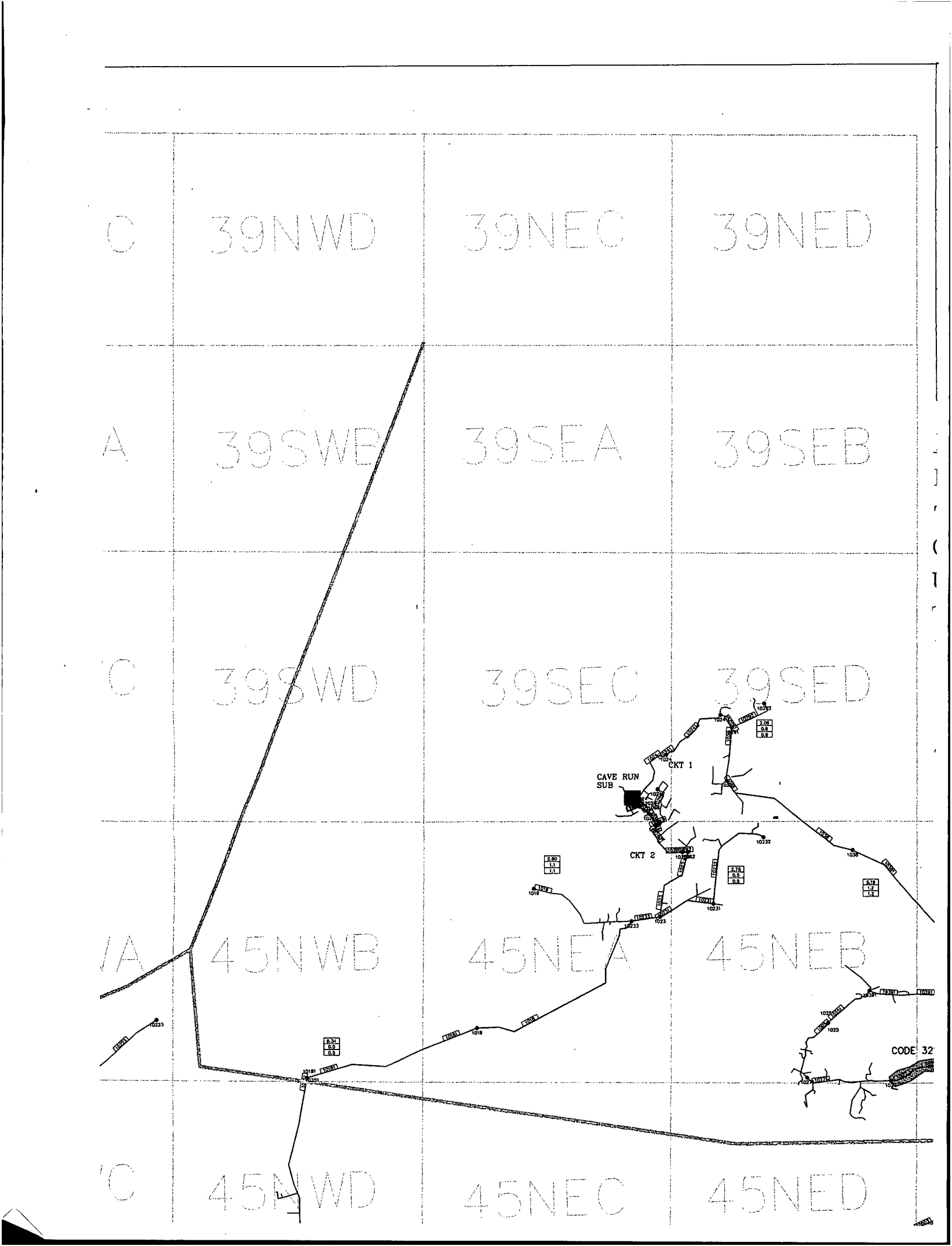
45NEC
45NED
45SWB
45SEA
45SEB
E 318
45SWD
45SEC
45SED
3NWB
3NEA
3NEB
CKT 1
CKT 4
FRENCHBURG
SUB
CKT 3
CKT 2
CODE 301
CODE 301


C
39NWD
39NEC
39NED
A
39SWB
39SEA
39SEB
C
39SWD
39SEC
39SED
/A
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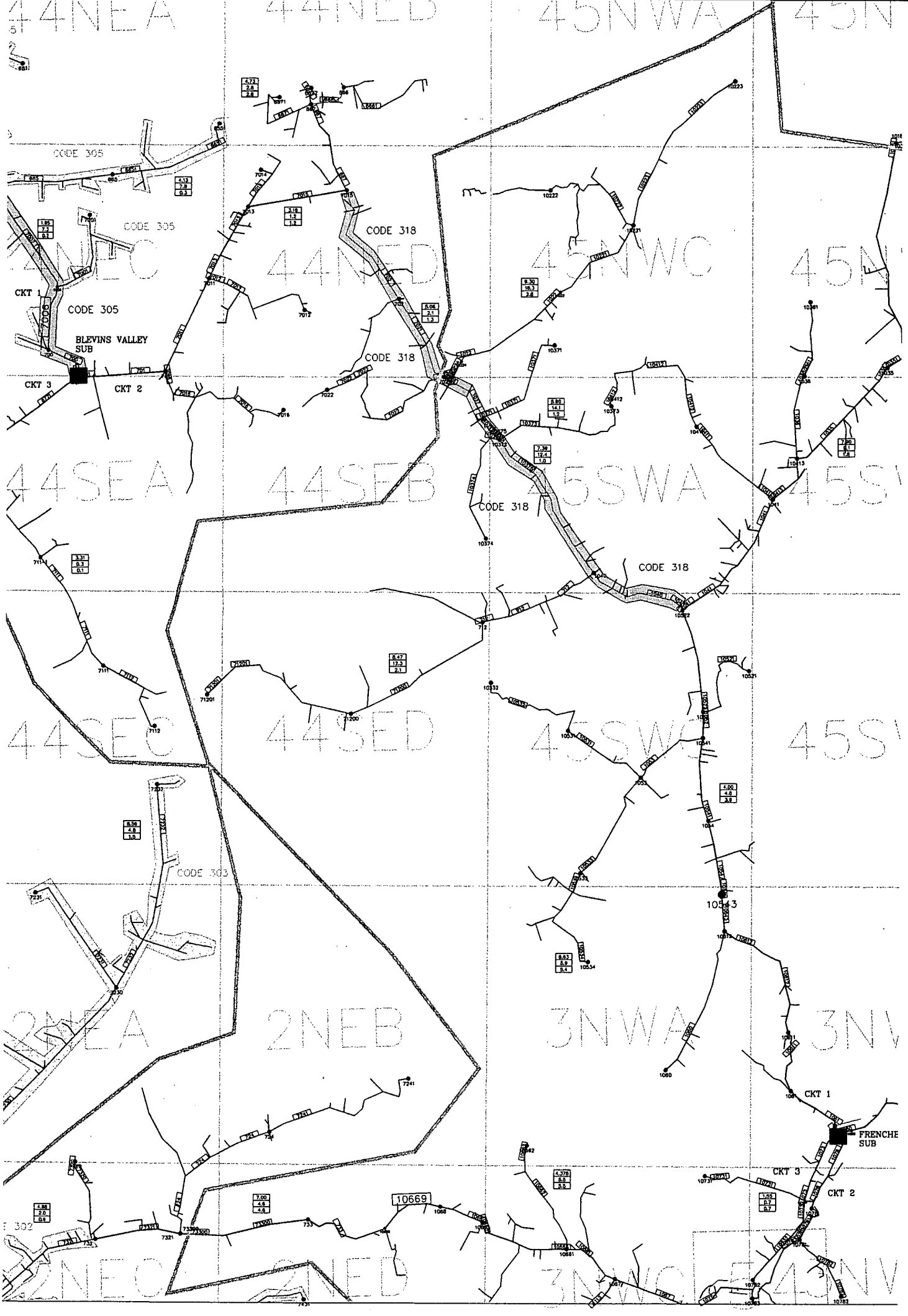
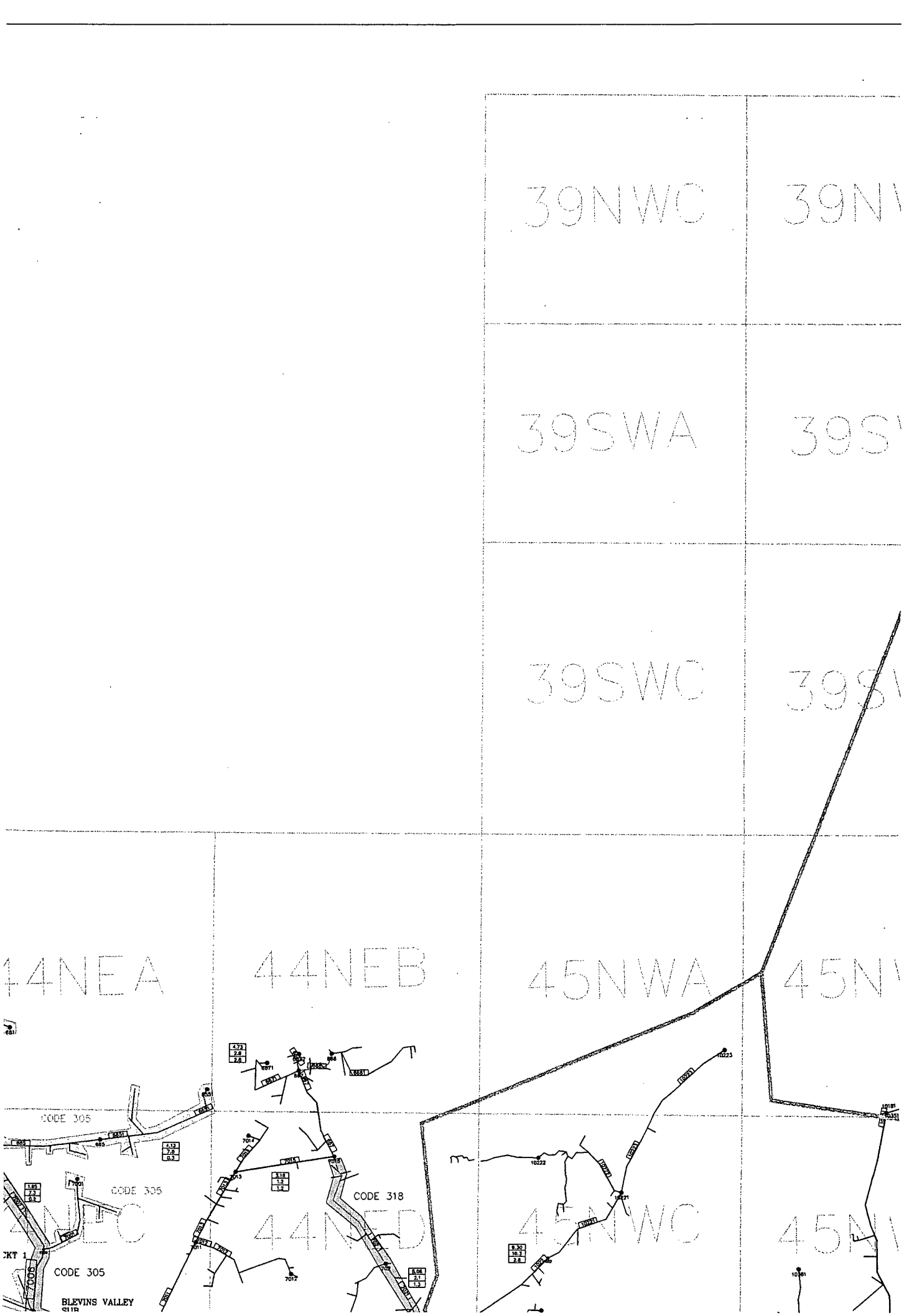
45NEA
45NEB
'C
45NWD
45NEC
45NED
CAVE RUN SUB
CKT 1
CKT 2
CODE 32


CODE 305
CODE 305
CODE 305
CKT 1
CKT 3
CKT 2
BLEVINS VALLEY SUB
CODE 318
CODE 318
CODE 318
CODE 318
CODE 303
10669
10543
CKT 1
CKT 3
CKT 2
FRENCHE SUB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39SWA
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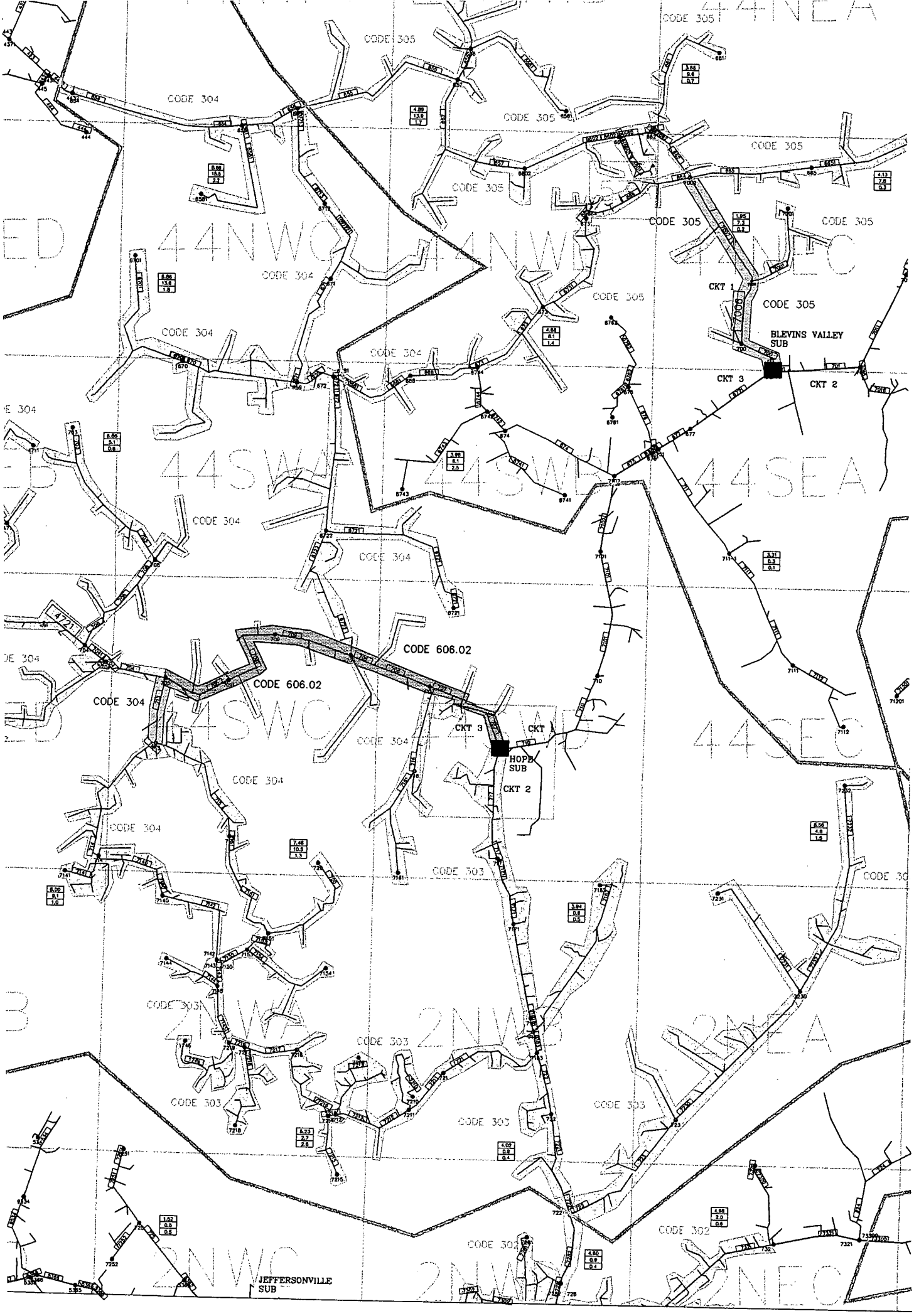
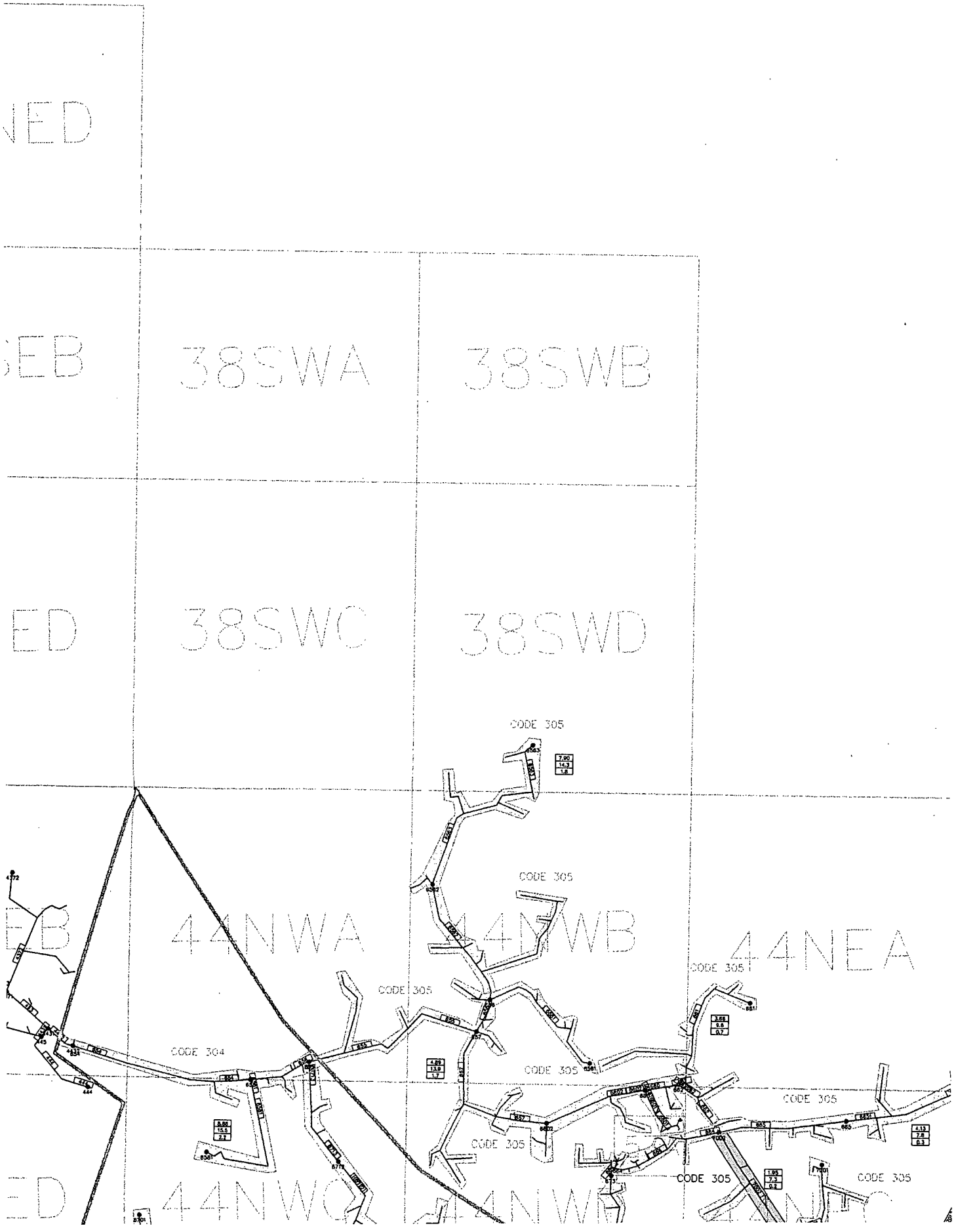
CODE 305
CODE 305
CODE 318
CODE 305
BLEVINS VALLEY


CODE 305
CODE 304
CODE 303
CODE 302
CKT 1
CKT 2
CKT 3
BLEVINS VALLEY SUB
HOPE SUB
JEFFERSONVILLE SUB
CODE 606.02
CODE 606.02


NED
SEB
38SWA
38SWB
ED
38SWC
38SWD
CODE 305
CODE 305
EB
44NWA
44NWB
44NEA
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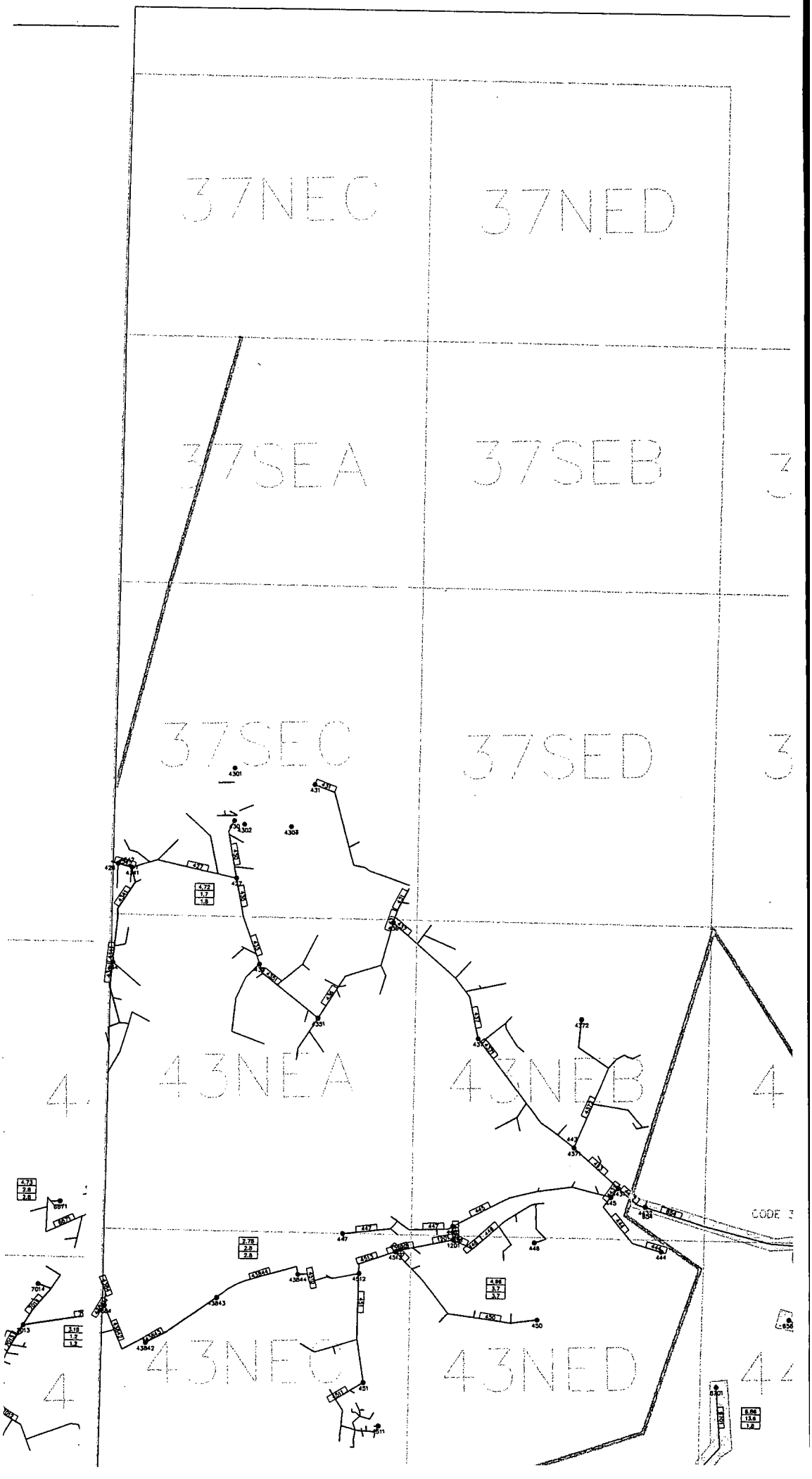
CODE 305
ED
44NWC
44NWD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37SEB
37SEC
37SED
43NEA
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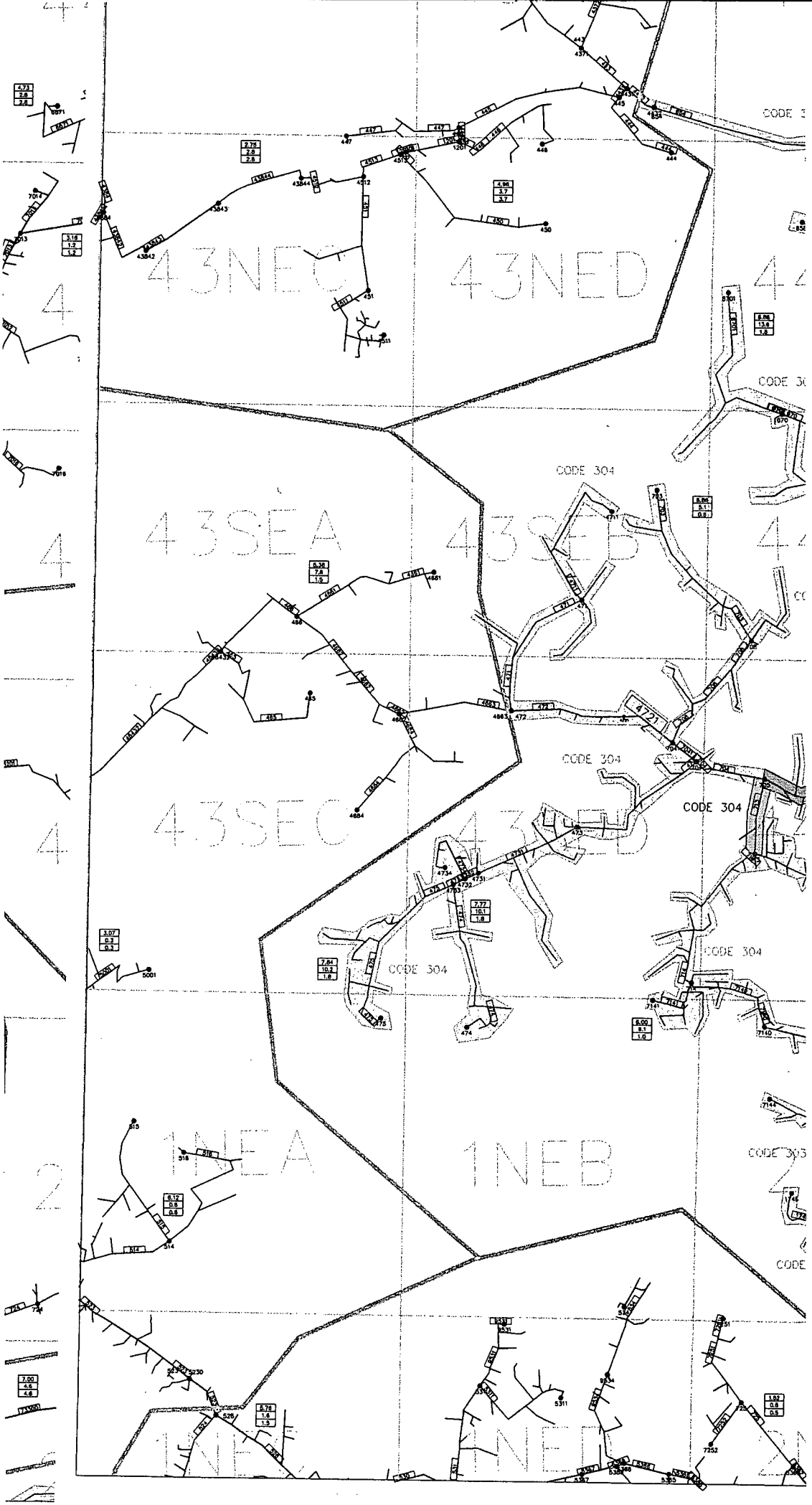
43NEC
43NED
CODE 3


43NEC
43NED
43SEA
43SEB
43SEC
43SED
1NEA
1NEB
CODE 304
CODE 304
CODE 304
CODE 304
CODE 304

9NEB

LEGEND

NEW SINGLE PHASE CONSTRUCTION

THREE PHASE CONVERSION

CONDUCTOR REPLACEMENT

UNDERGROUND REPLACEMENT

7.2KV TO 14.4KV VOLTAGE CONVERSION

NEW THREE PHASE CONSTRUCTION

MILES FROM SUBSTATION

BEFORE IMPROVEMENTS

AFTER IMPROVEMENTS

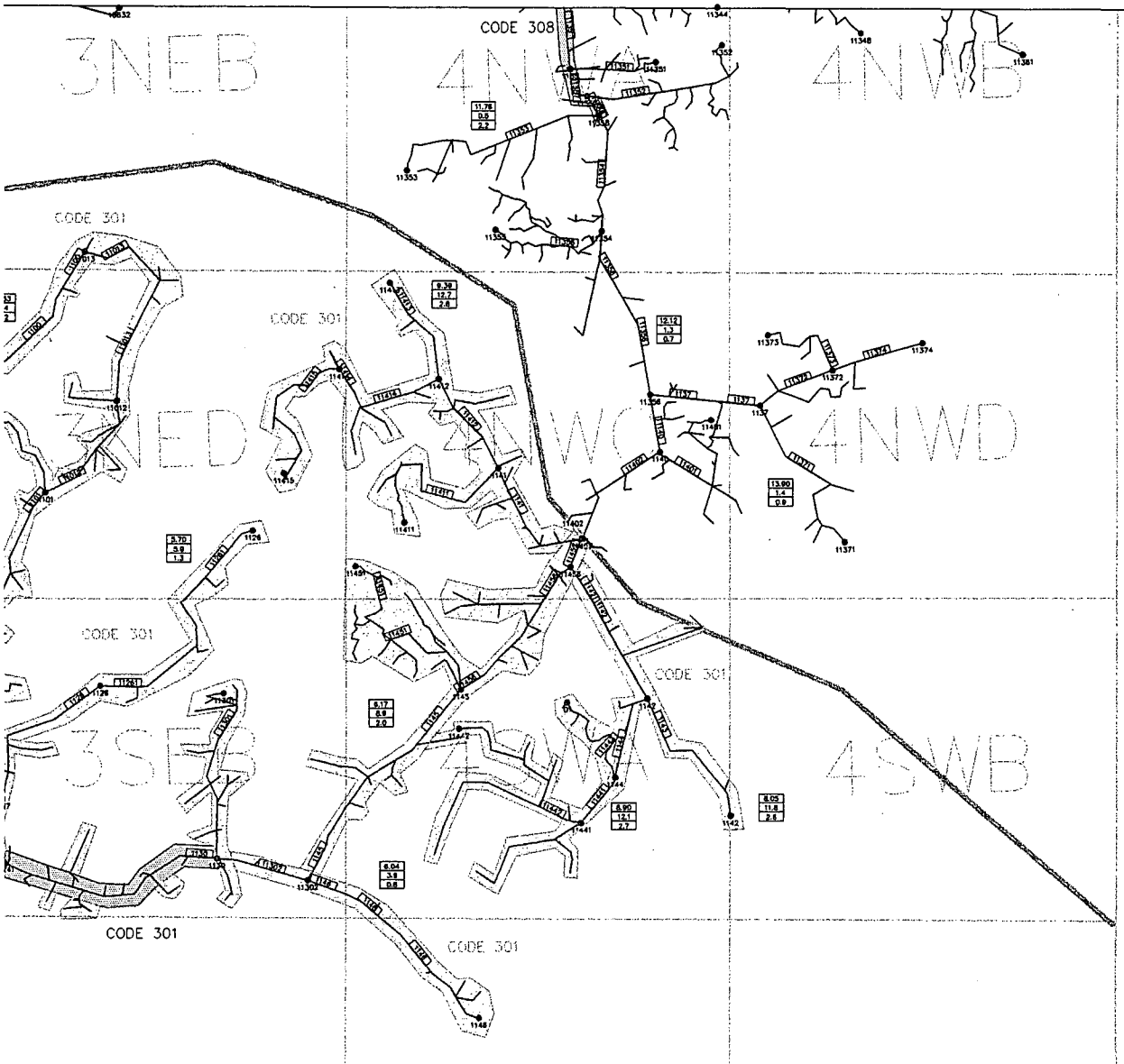
0.00
0.0
0.0

CLARK ENERGY COOPERATIVE, INC
WINCHESTER, KY.

1" = 3500'

JUNE 1999

1999–2003 CONSTRUCTION WORK PLAN – SE QUAD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CODE 308
4NWB
CODE 301
CODE 301
3NED
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CODE 301
CODE 301
3SEB
4SWB
CODE 301
CODE 301
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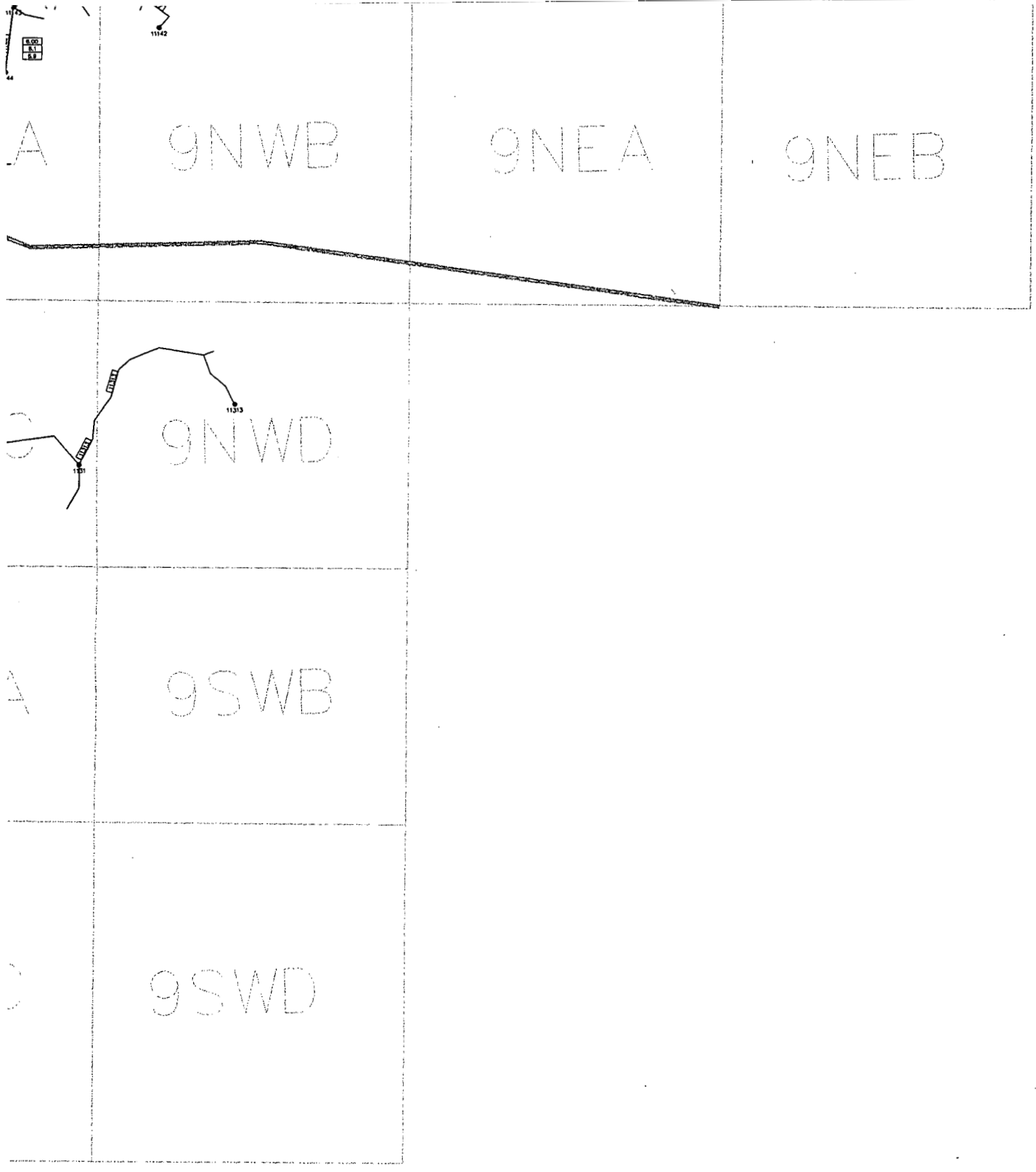
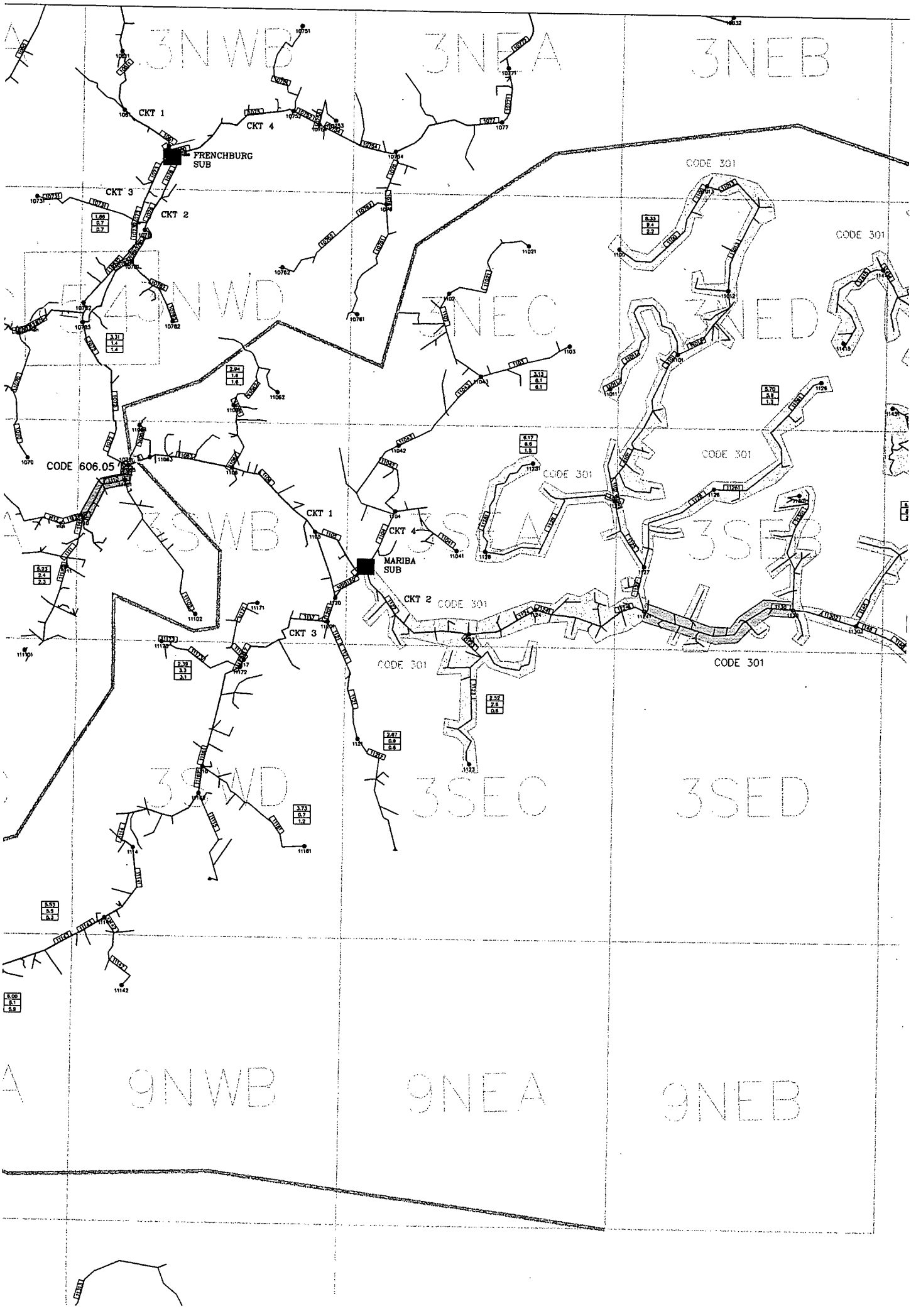
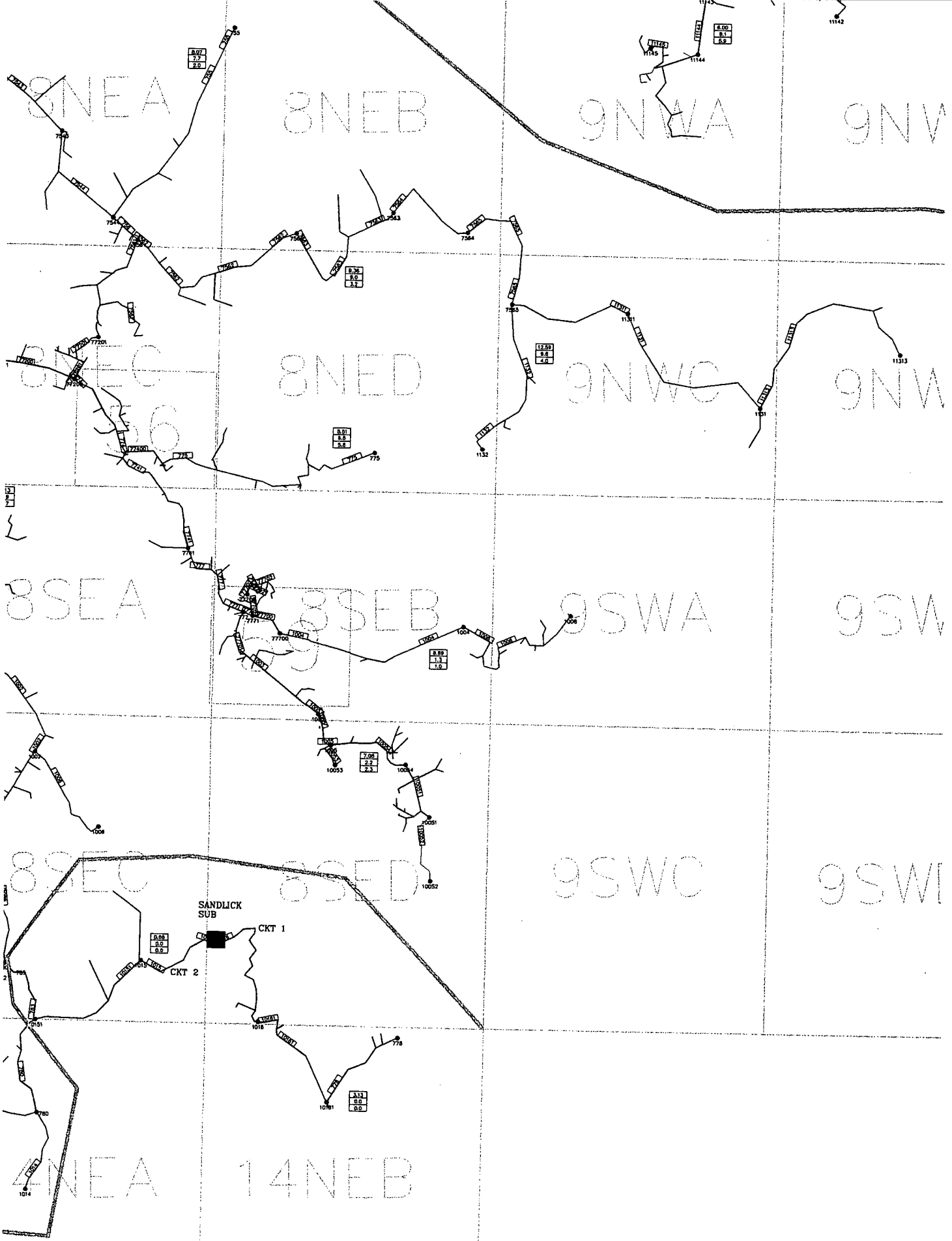
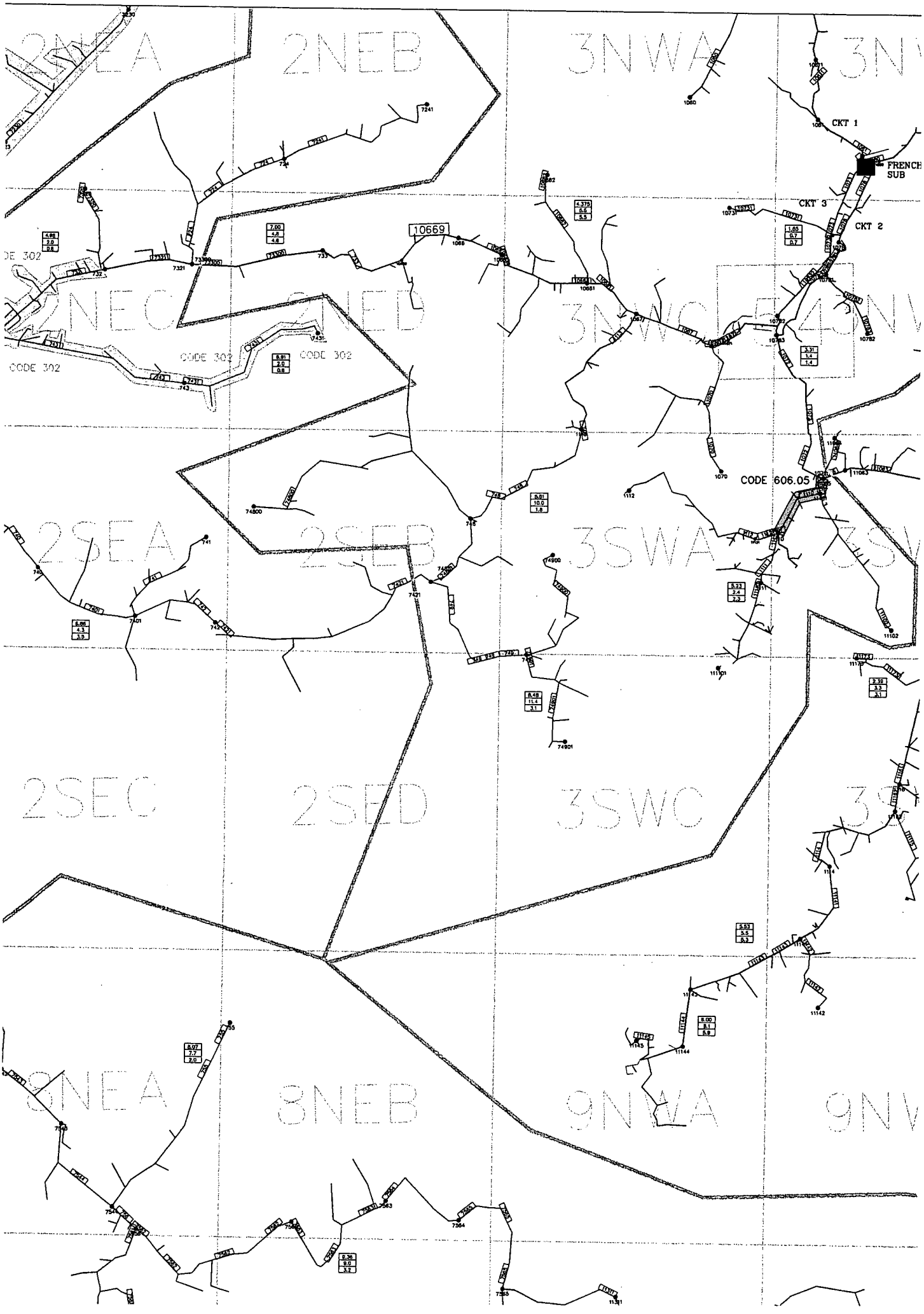
4SWC
4SWD
9NEB


A
9NWB
9NEA
9NEB
9NWD
9SWB
9SWD


3NWB
3NEA
3NEB
CKT 1
CKT 4
FRENCHBURG SUB
CKT 3
CKT 2
CODE 301
CODE 606.05
3SWB
3SEA
3SEB
MARIBA SUB
3SEC
3SED
9NWB
9NEA
9NEB


8NEA
8NEB
9NWA
9NW
8NEC
8NED
9NWC
9NW
8SEA
8SEB
9SWA
9SW
8SEC
8SED
9SWC
9SW
SANDLICK
SUB
CKT 1
CKT 2
4NEA
14NEB


2NEA
2NEB
3NWA
CKT 1
FRENCH
SUB
CKT 3
CKT 2
10669
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CODE 606.05
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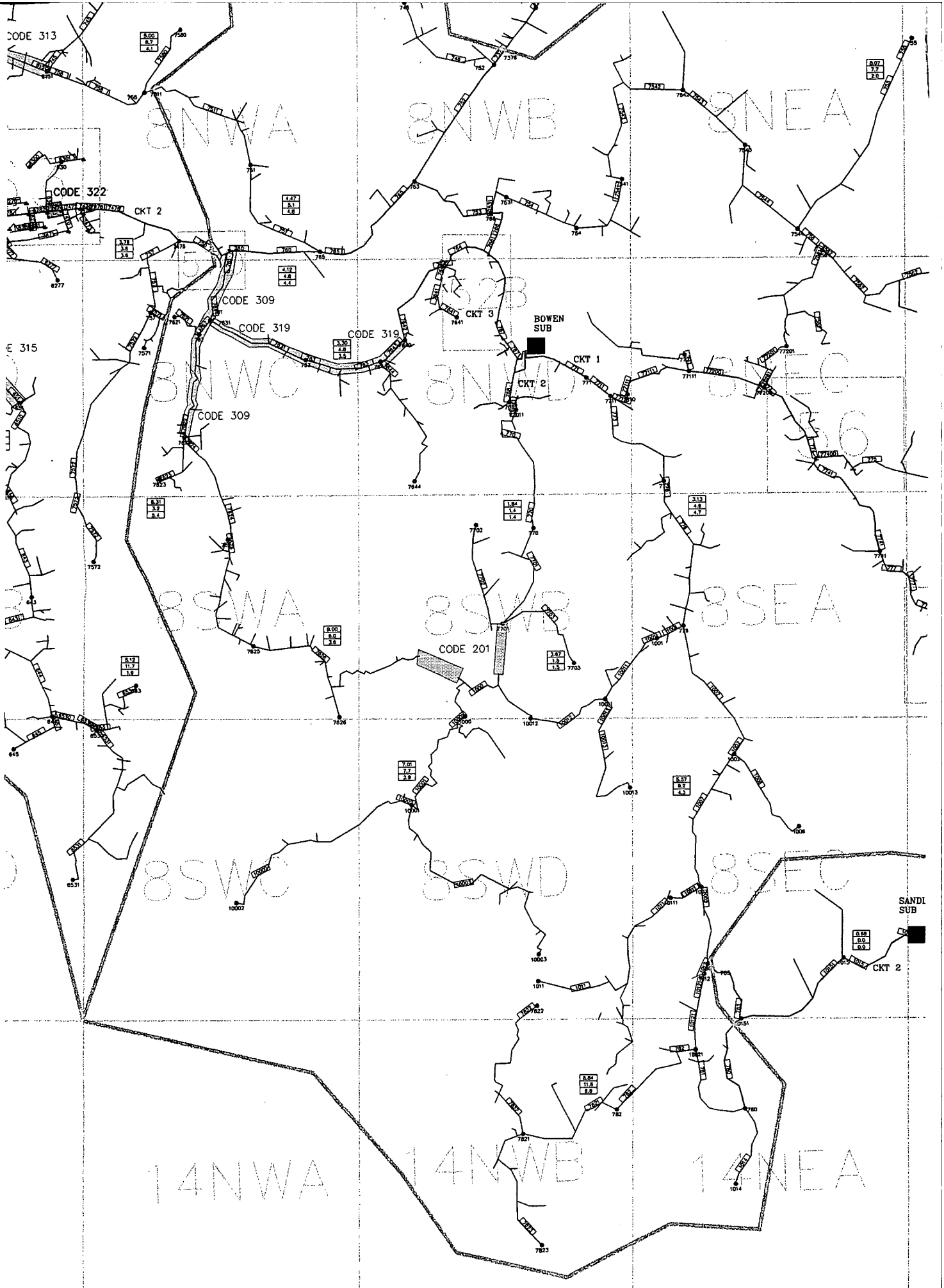
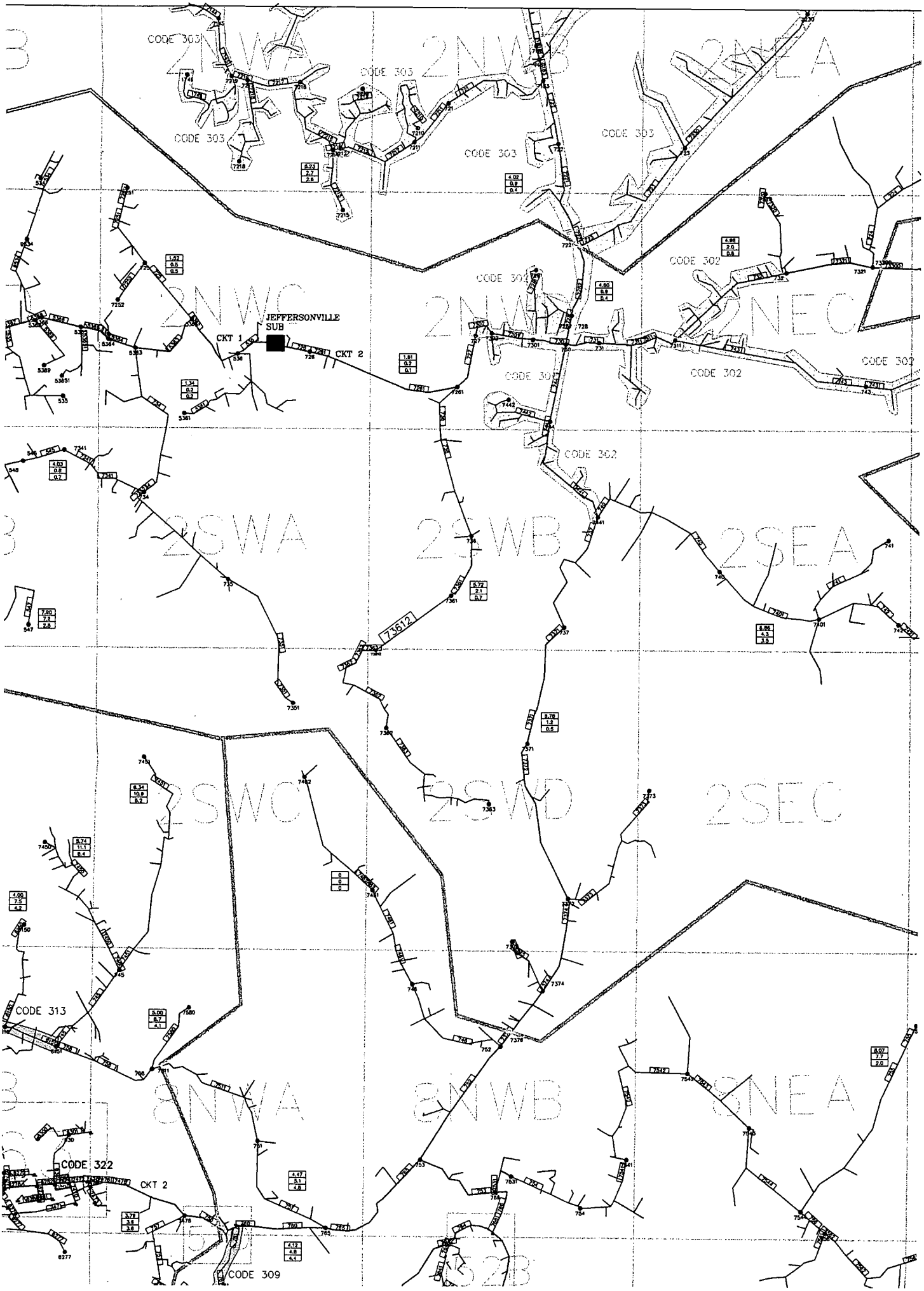
2SEB
3SWA
2SEC
2SED
3SWC
8NEA
8NEB
9NWA


CODE 313
CODE 322
CKT 2
CODE 309
CODE 319
CODE 319
CODE 309
CKT 3
BOWEN SUB
CKT 1
CKT 2
CODE 201
SANDI SUB
CKT 2
8NWA
8NWB
8NEA
8NWC
8NWD
8NEC
8SWA
8SWB
8SEA
8SWC
8SWD
8SEC
14NWA
14NWB
14NEA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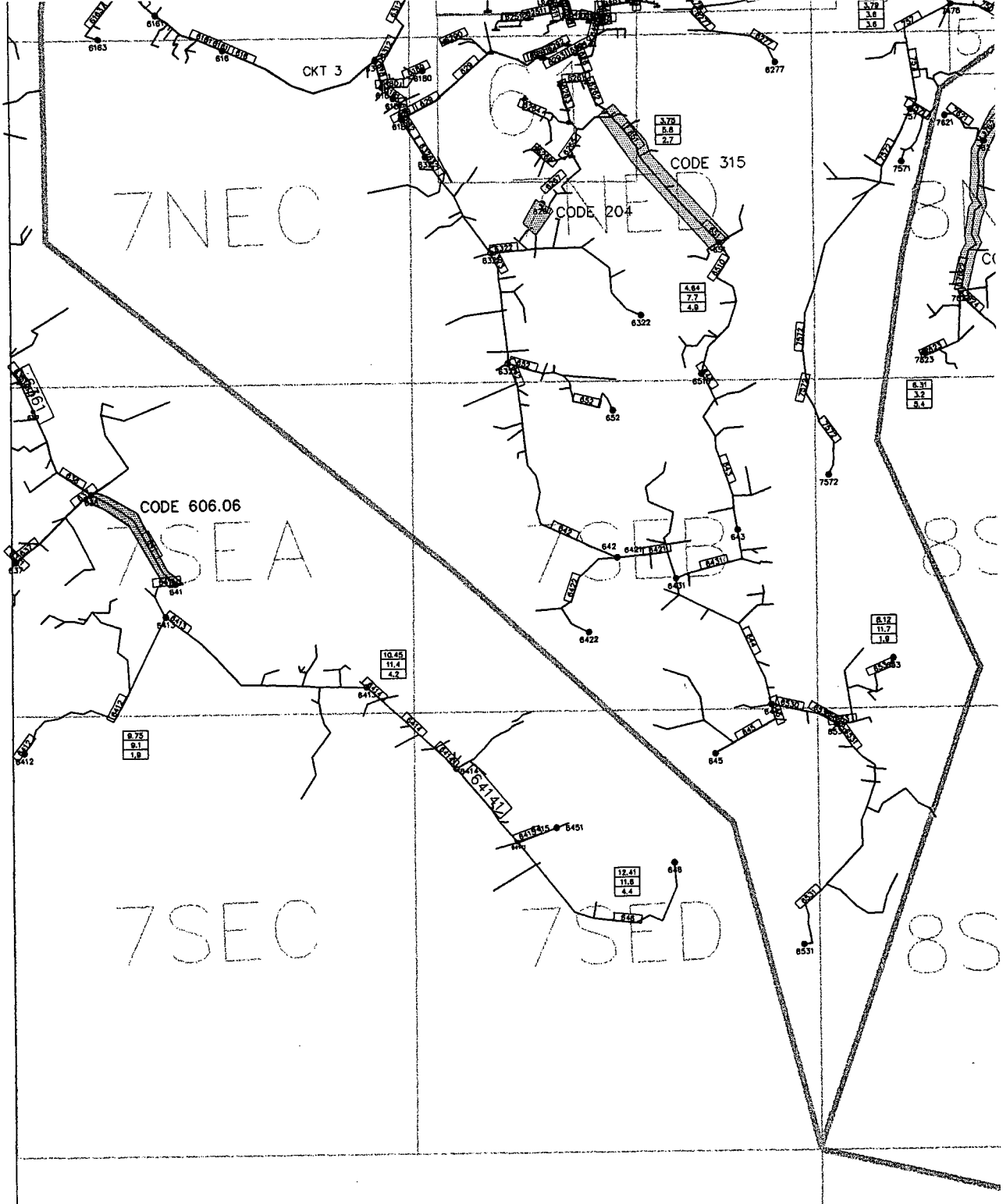
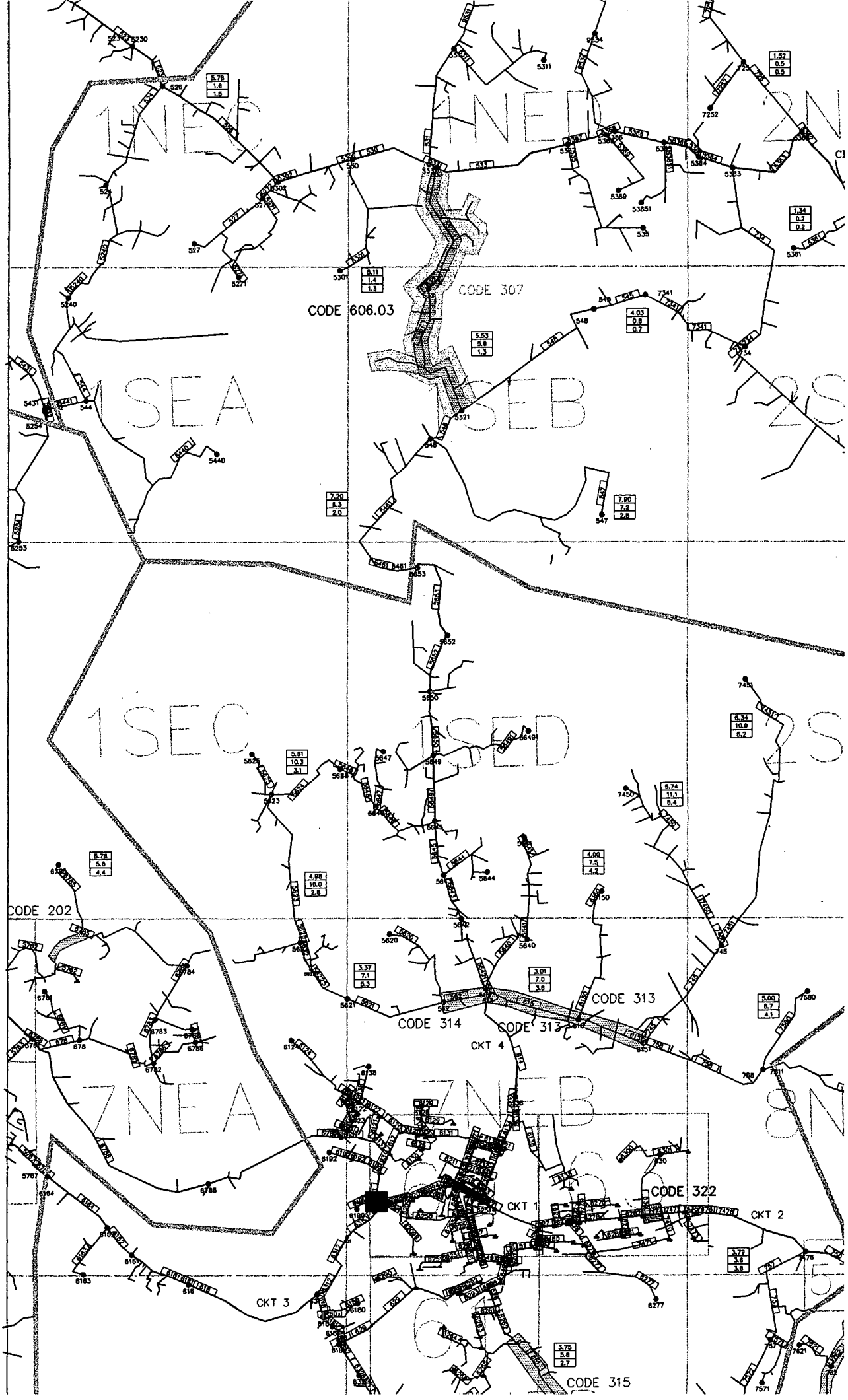
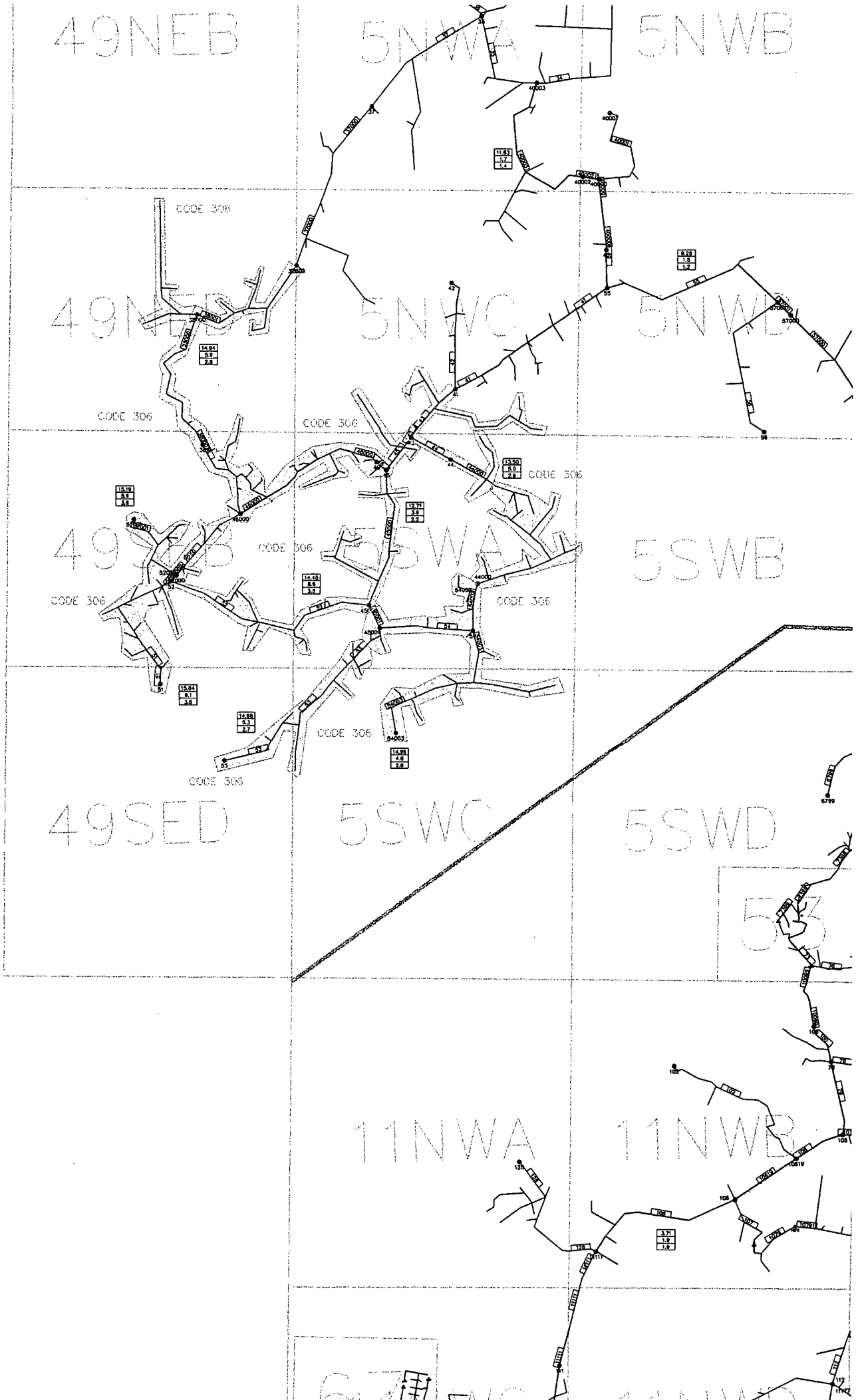
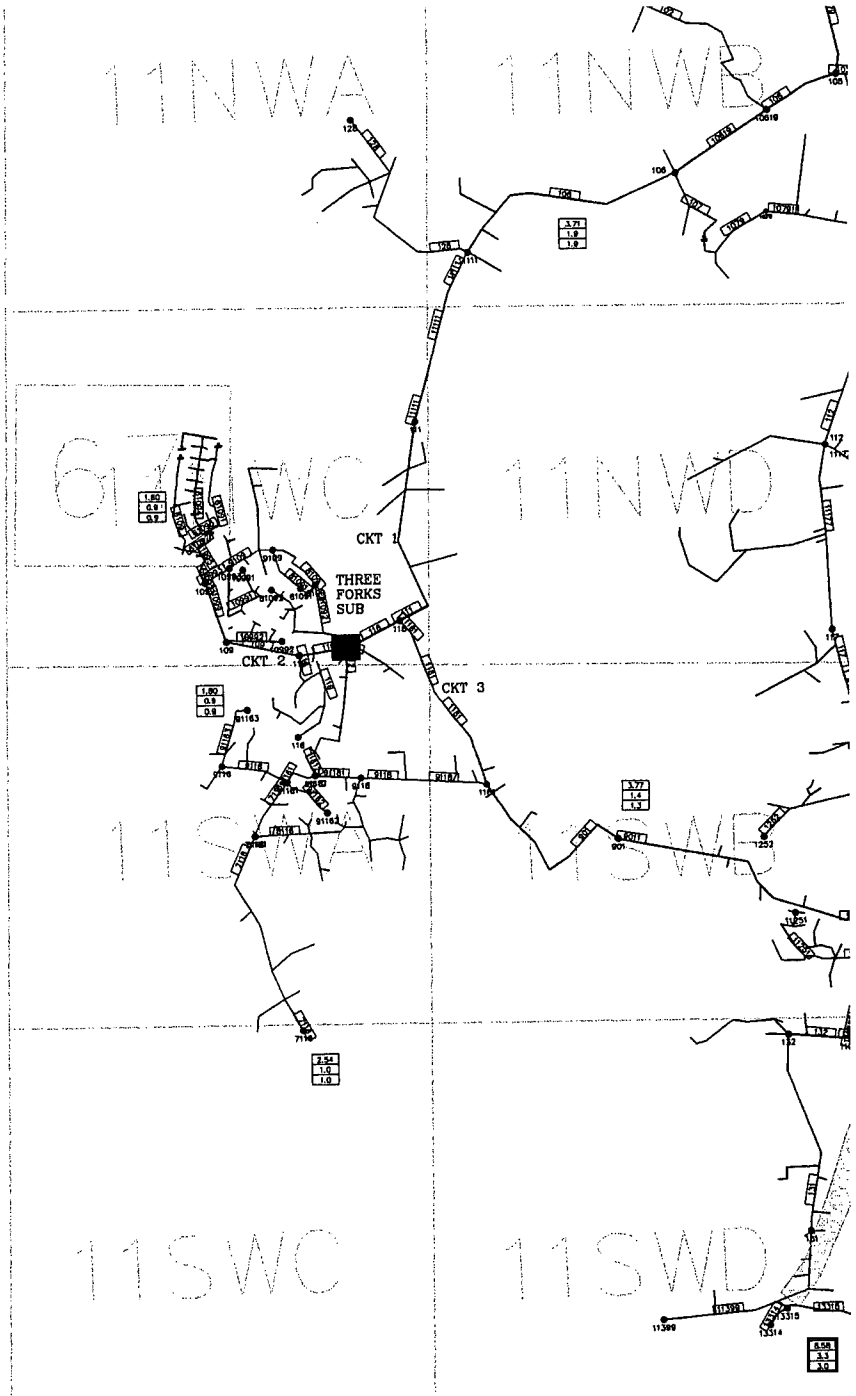
2NWB
2NEA
2NWC
2NWD
2NEC
2SWA
2SWB
2SEA
2SWC
2SWD
2SEC
8NWA
8NWB
8NEA
8SWA
8SWB
8SEA
CODE 303
CODE 302
CODE 313
CODE 322
CODE 309
JEFFERSONVILLE SUB
CKT 1
CKT 2
7612


7NEC
7NED
8S
CKT 3
CODE 315
CODE 204
CODE 606.06
7SEA
7SEB
8S
7SEC
7SED
8S


CODE 606.03
CODE 307
CODE 202
CODE 313
CODE 314
CODE 313
CKT 4
CODE 322
CKT 1
CKT 2
CKT 3
CODE 315


49NEB
5NWA
5NWB
CODE 306
49NED
5NWC
5NWD
CODE 306
CODE 306
CODE 306
CODE 306
49SEB
5SWA
5SWB
CODE 306
CODE 306
CODE 306
49SED
5SWC
5SWD
53
11NWA
11NWB
67
5WC
11NWD



CLARK ENERGY COOPERATIVE, INC
WINCHESTER, KY.

1" = 3500'

JUNE 1999

1999-2003 CONSTRUCTION
WORK PLAN - SW QUAD

LEGEND

NEW SINGLE P

THREE PHASE

CONDUCTOR RI

UNDERGROUND

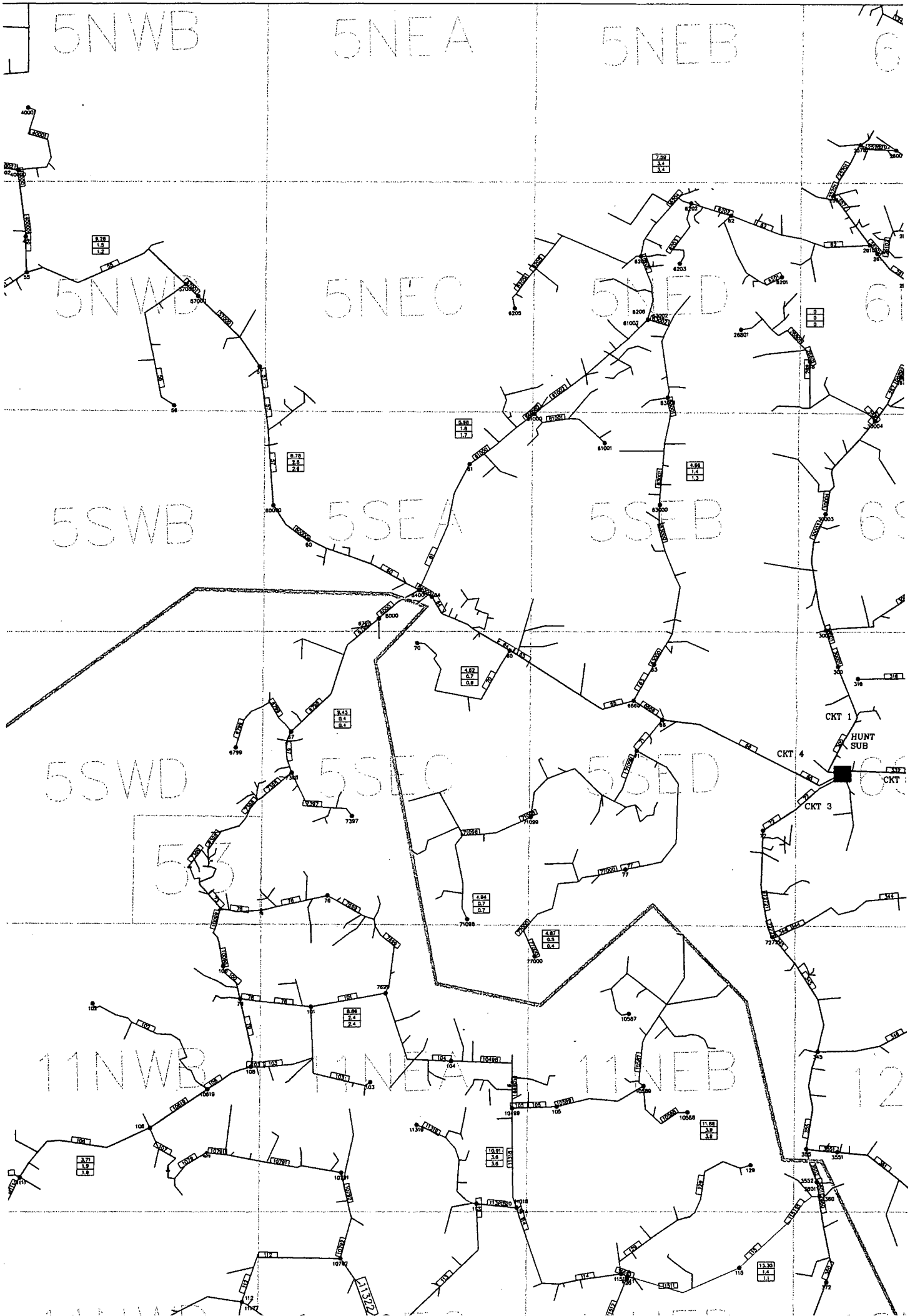
7.2KV TO 14.4

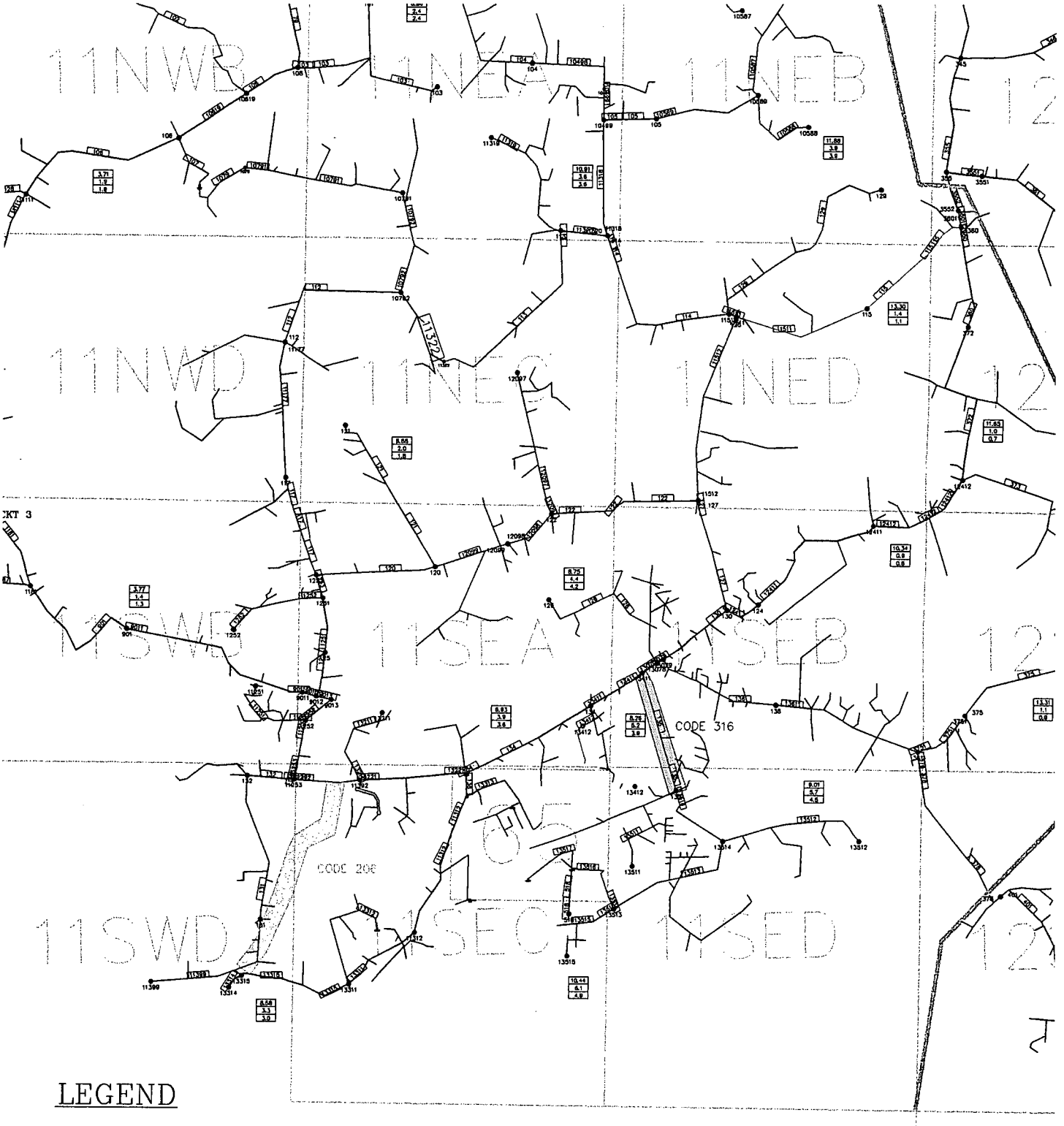
NEW THREE P

MILES FROM SU

BEFORE IMPRO

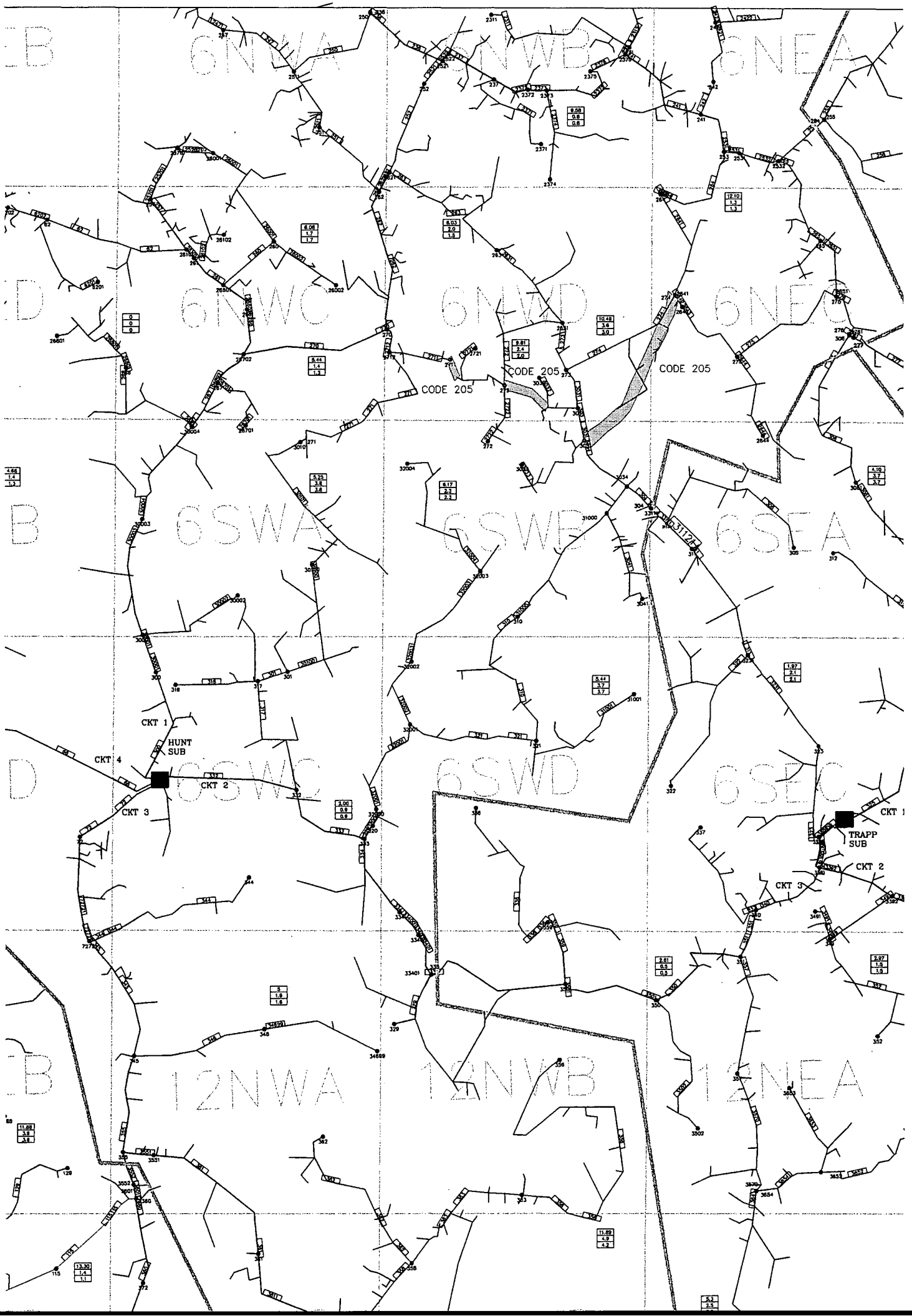
AFTER IMPROVE

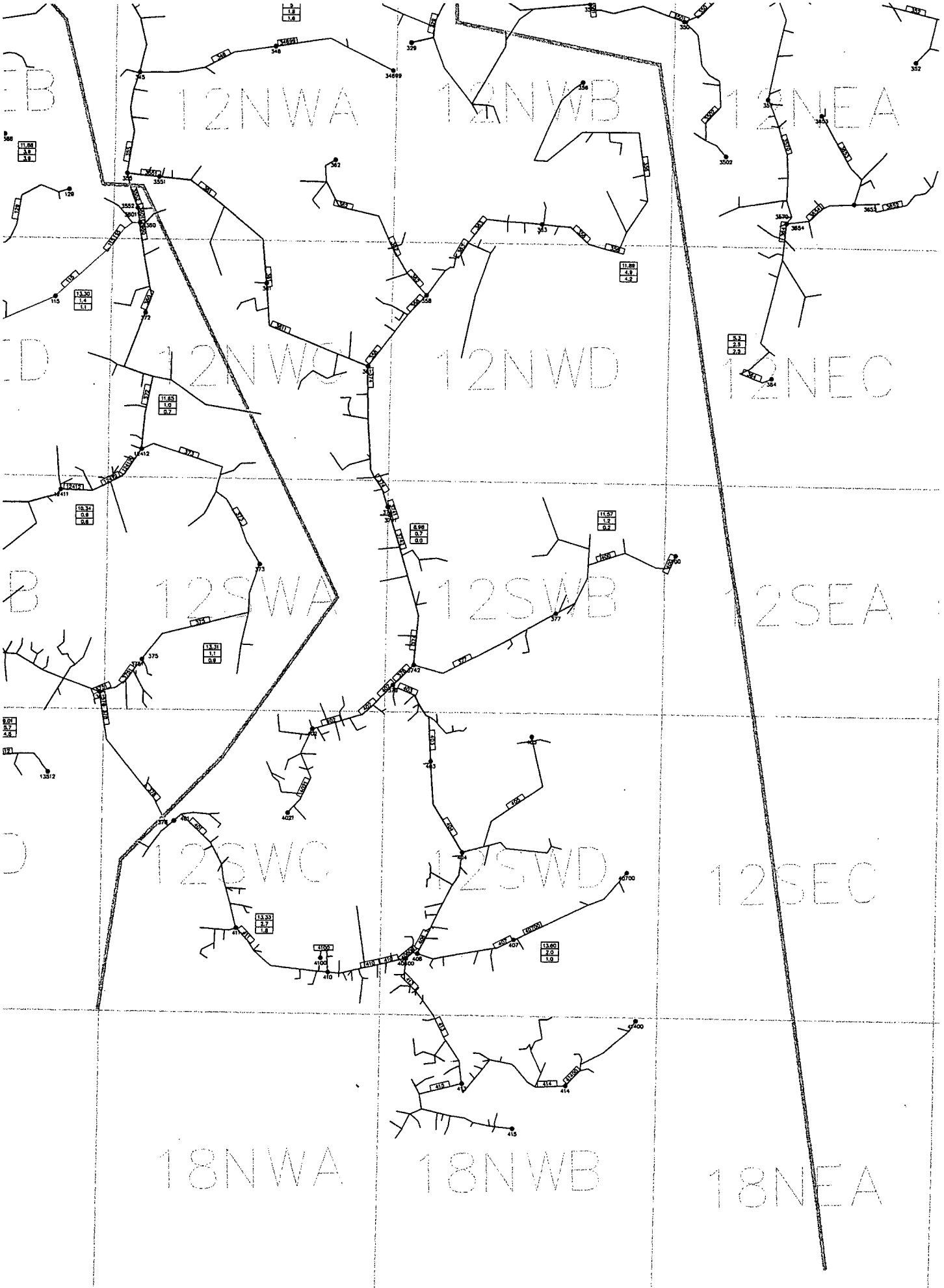

5NWB
5NEA
5NEB
5NWC
5NEC
5SWB
5SEA
5SEB
5SWD
5SEC
5SED
11NWB
11NEA
11NEB
CKT 1
CKT 4
CKT 3
HUNT
SUB

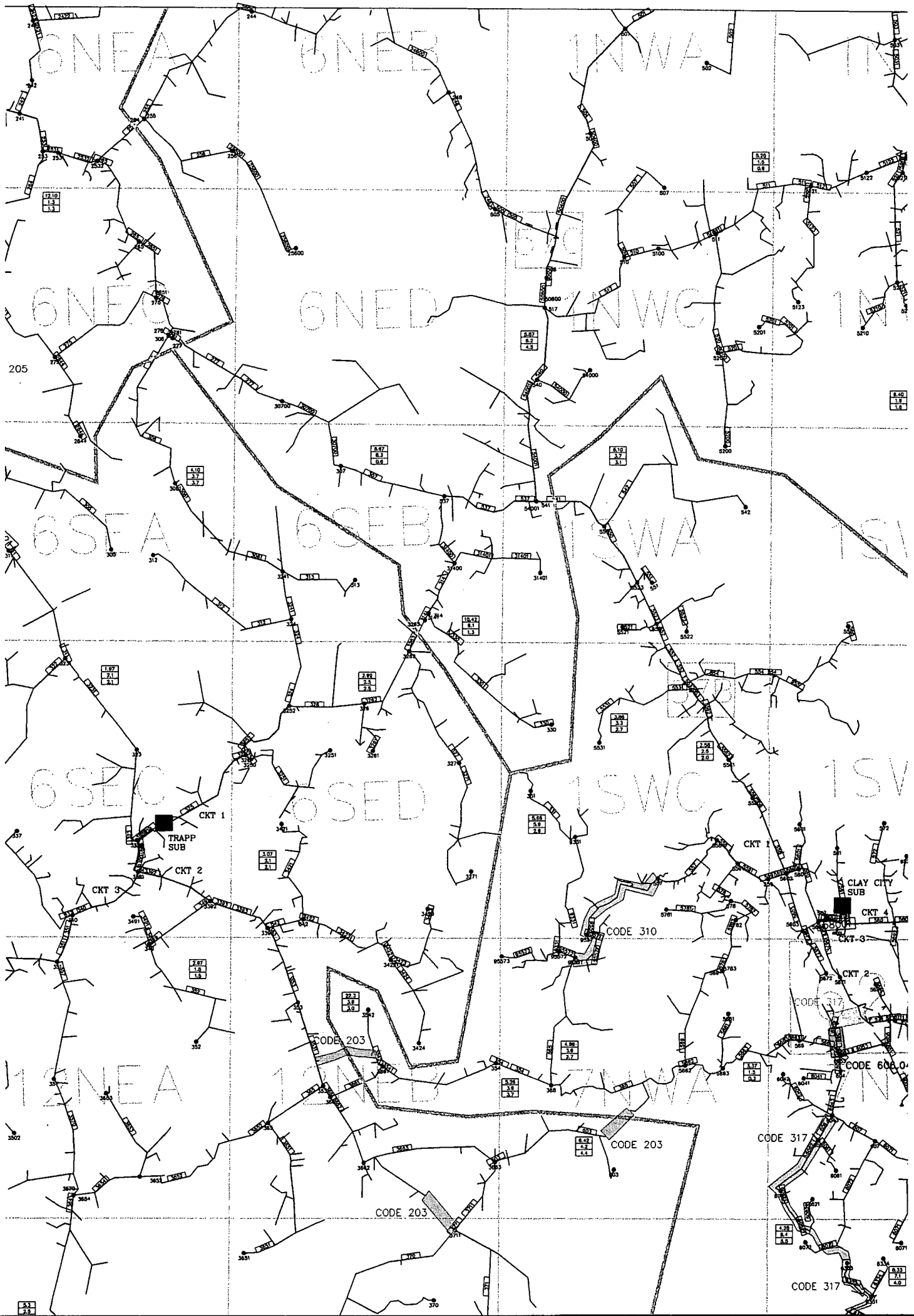


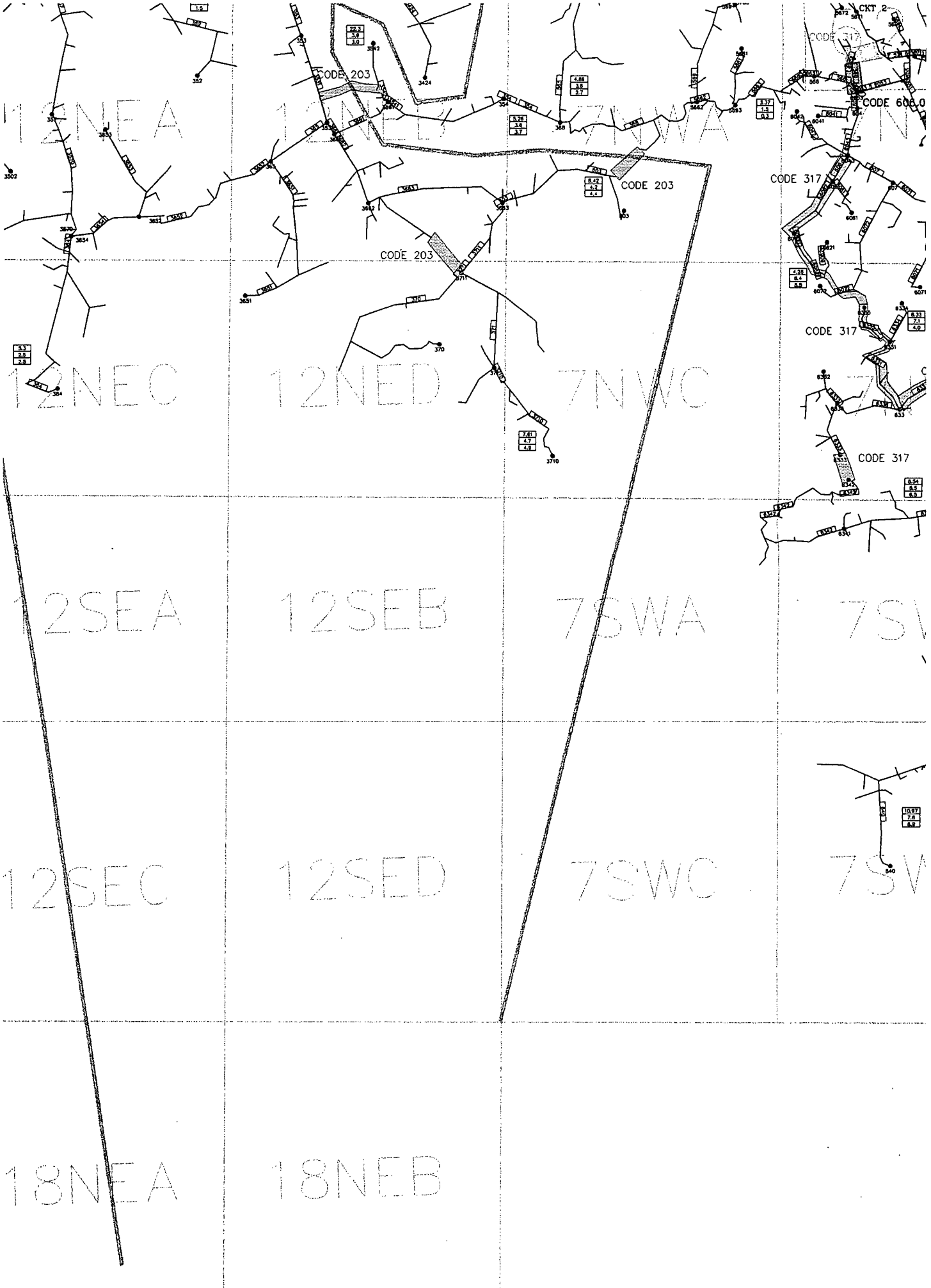
LEGEND

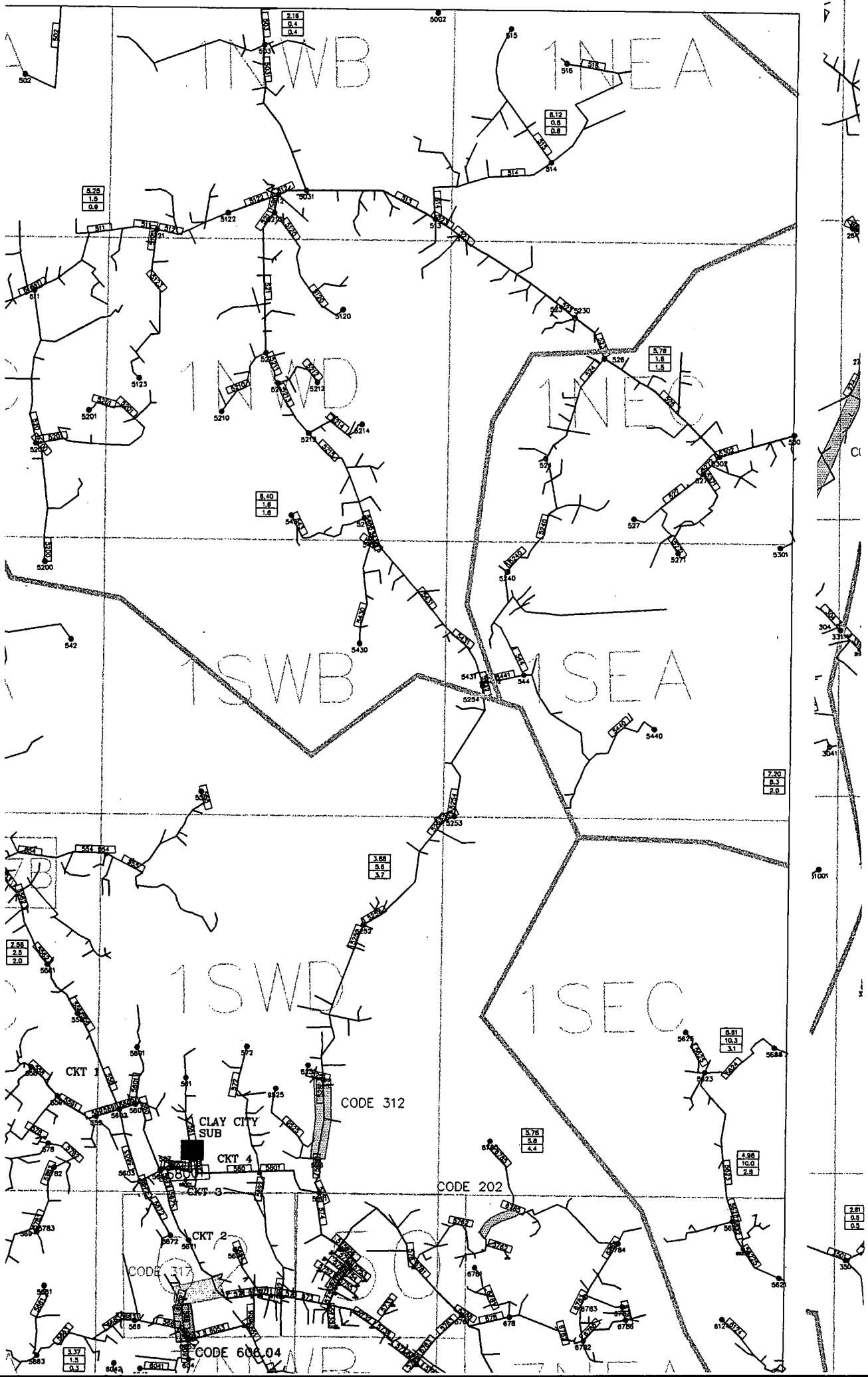
NEW SINGLE PHASE CONSTRUCTION	
THREE PHASE CONVERSION	
CONDUCTOR REPLACEMENT	
UNDERGROUND REPLACEMENT	
7.2KV TO 14.4KV VOLTAGE CONVERSION	
NEW THREE PHASE CONSTRUCTION	
MILES FROM SUBSTATION	
BEFORE IMPROVEMENTS	0.0
AFTER IMPROVEMENTS	0.0

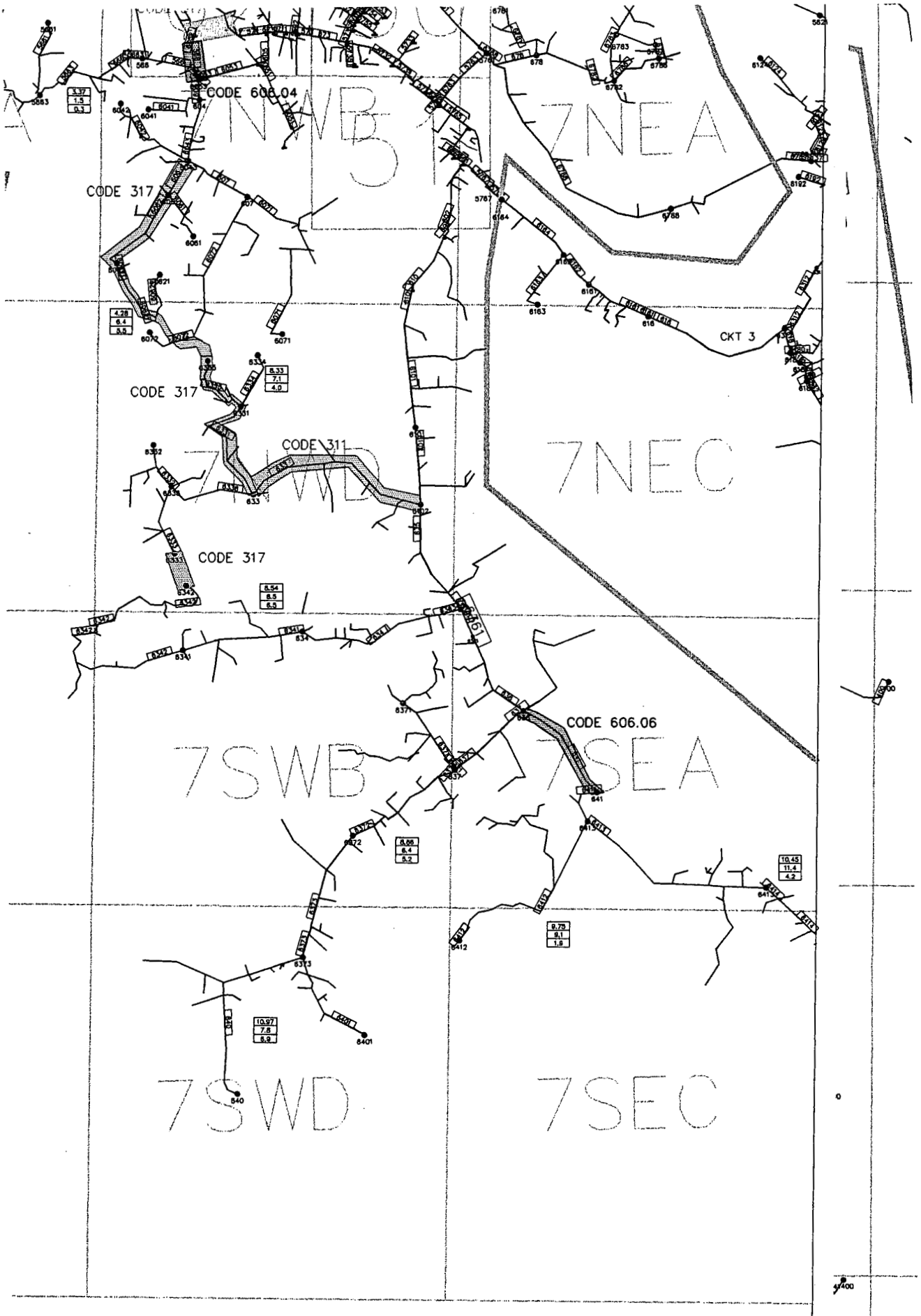

6NWA
6NWB
6NEA
6NWC
6NWD
6NEC
6SWA
6SWB
6SEA
6SWC
6SWD
6SEC
12NWA
12NWB
12NEA
CODE 205
CODE 205
CODE 205
CKT 1
CKT 2
CKT 3
CKT 4
HUNT SUB
TRAPP SUB
CKT 1
CKT 2
CKT 3


12NWA
12NWB
12NEA
12NWC
12NWD
12NEC
12SWA
12SWB
12SEA
12SWC
12SWD
12SEC
18NWA
18NWB
18NEA


6NEA
6NEB
1NWA
6NEC
6NED
1NWC
205
6SEA
6SEB
1SWA
6SEC
6SED
1SWC
CKT 1
TRAPP SUB
CKT 2
CKT 3
CKT 1
CLAY CITY SUB
CKT 4
CKT 3
CKT 2
CODE 310
CODE 317
CODE 203
CODE 203
CODE 203
CODE 317
CODE 317
13NEA
13NEB
13NWA


12SNEA
12SNEB
7SNWA
12SNEC
12SNED
7SNWC
12SSEA
12SSEB
7SSWA
12SSEC
12SSED
7SSWC
18SNEA
18SNEB
CODE 203
CODE 317
CODE 600.0
CKT 2


1NWB
1NEA
1NWD
1NEC
1SWB
1SEA
1SWD
1SEC
CKT 1
CLAY CITY SUB
CKT 4
CKT 3
CKT 2
CODE 312
CODE 202
CODE 317
CODE 606.04


7NWB
7NEA
7NWC
7NEC
7SWB
7SEA
7SWD
7SEC
CODE 606.04
CODE 317
CODE 317
CODE 311
CODE 317
CODE 606.06
CKT 3
5.37
1.5
0.3
4.28
6.4
5.5
8.33
7.1
4.0
6.54
6.5
5.9
6.86
6.4
5.2
9.75
9.1
1.9
10.45
11.4
4.2
10.97
7.8
6.9

CLARK ENERGY COOPERATIVE, INC
WINCHESTER, KY.

1" = 3500'

JUNE 1999

1999-2003 CONSTRUCTION WORK PLAN - NW QUAD

41NW

41SW

1324

LEGEND

NEW SINGLE PHASE CONSTRUCTION

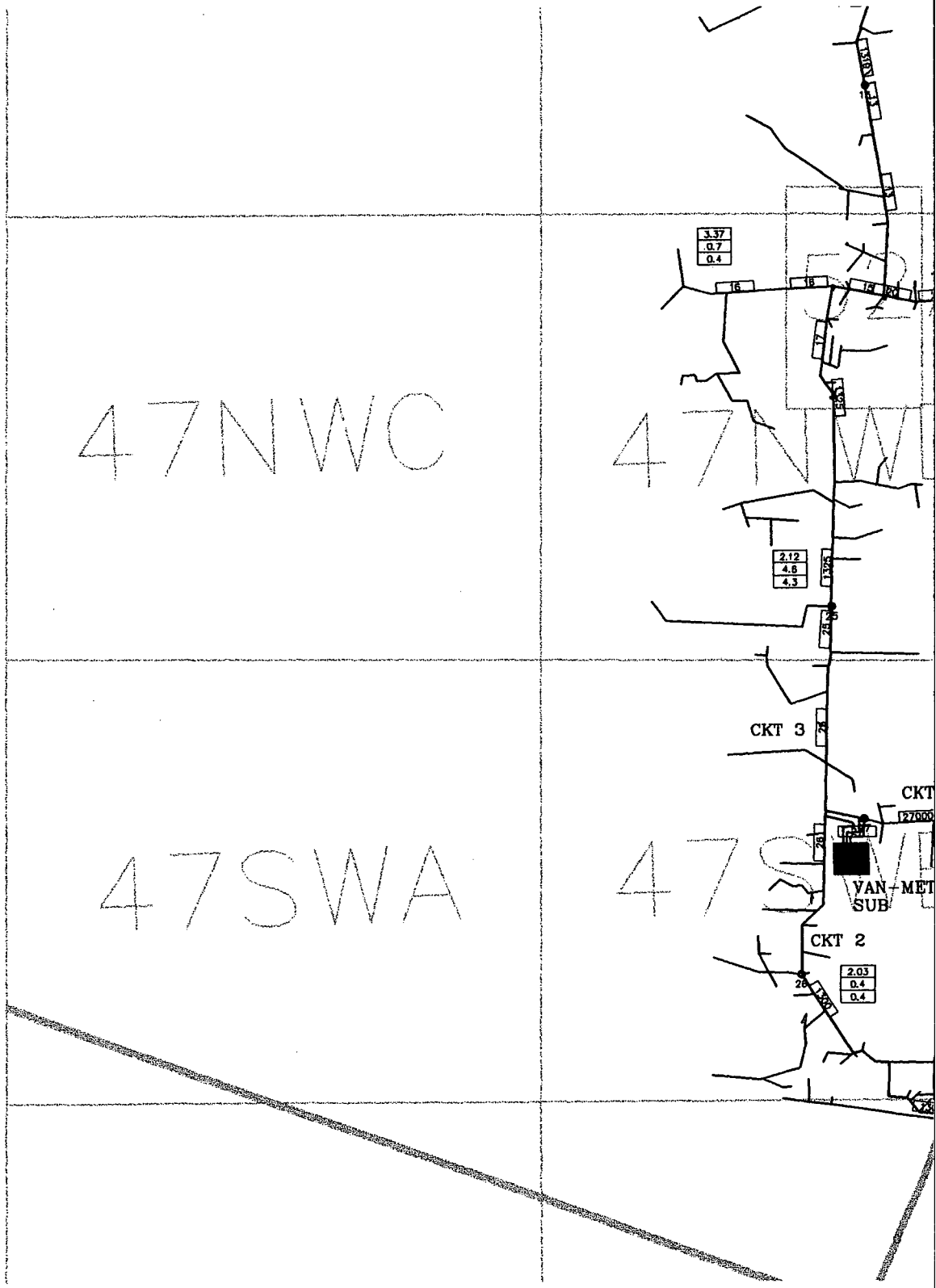
THREE PHASE CONVERSION

CONDUCTOR REPLACEMENT

UNDERGROUND REPLACEMENT

7.2KV TO 14.4KV VOLTAGE CONVERSION

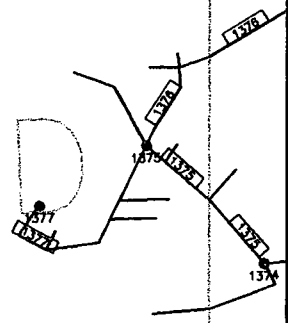
NEW THREE PHASE CONSTRUCTION


47NWC
47NW
47SWA
47S
3.37
0.7
0.4
2.12
4.8
4.3
CKT 3
CKT
VAN-MET
SUB
CKT 2
2.03
0.4
0.4

41NWD

41NEC

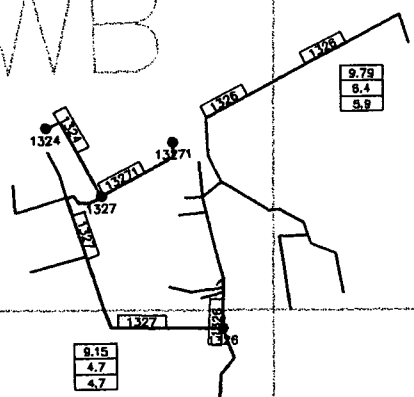
41NED

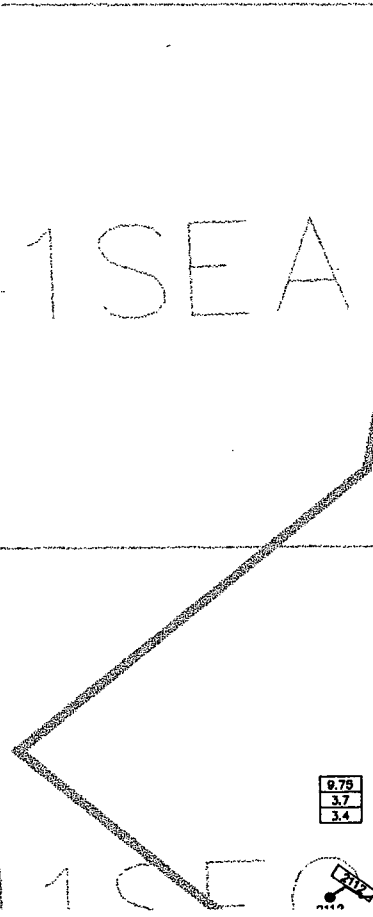


41SWB

41SEA

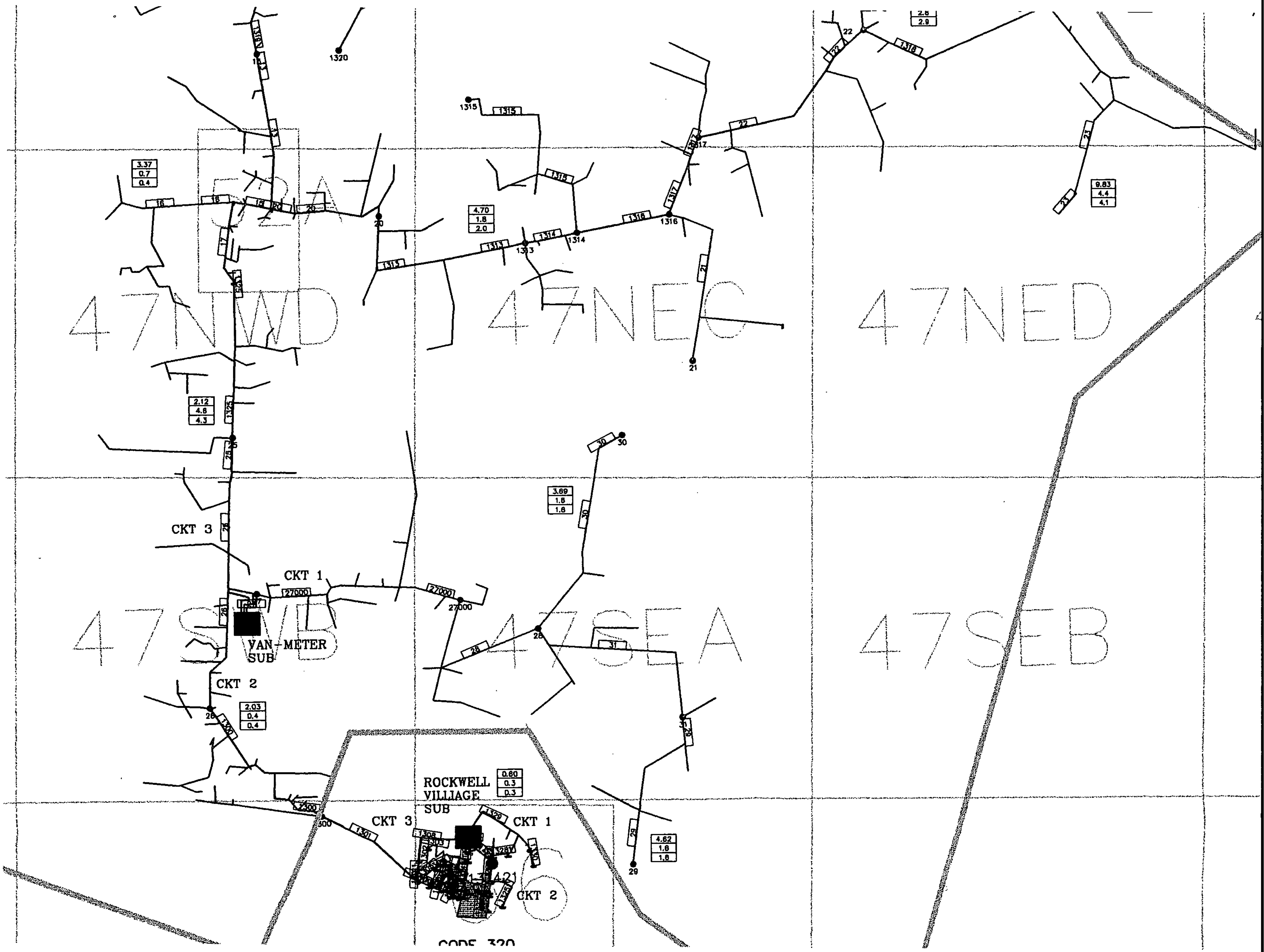
41SEB

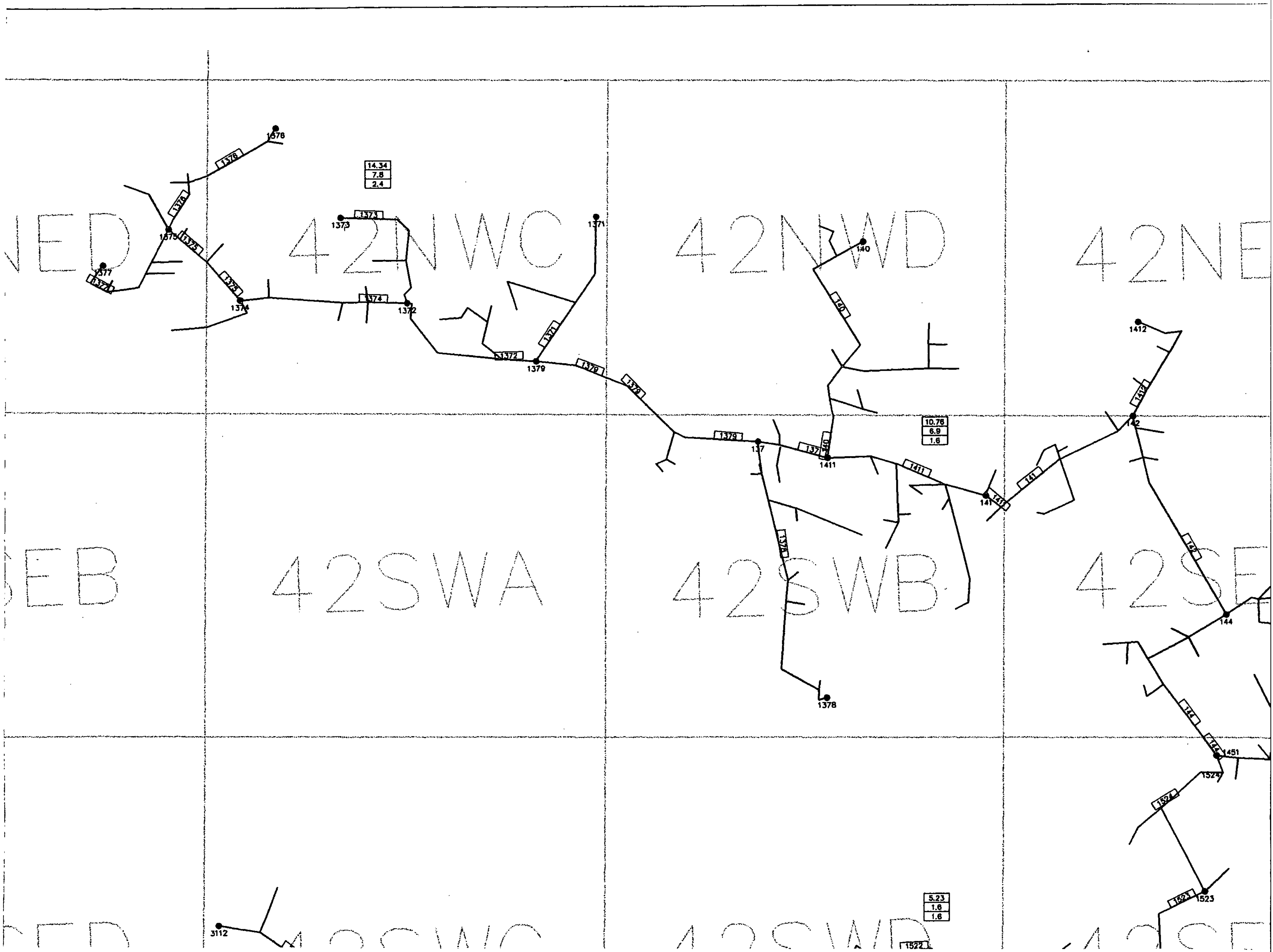




41SWD

41SED


47NWD
47NEC
47NED
47SWB
47SEA
47SEB
VAN-METER
SUB
CKT 1
CKT 2
CKT 3
ROCKWELL
VILLIAGE
SUB
CKT 3
CKT 1
CKT 2
3.37
0.7
0.4
4.70
1.8
2.0
2.12
4.8
4.3
3.69
1.8
1.6
2.03
0.4
0.4
0.60
0.3
0.3
4.62
1.8
1.8
9.83
4.4
4.1
2.8
2.9
1320
1315
1313
1314
1316
1317
1318
1325
27000
1300
1301
21
22
23
28
29
30
31



42NWC
42NWD
42SWA
42SWB
14.34
7.8
2.4
10.76
6.9
1.6
5.23
1.6
1.6
1376
1375
1377
1374
1373
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144
1451
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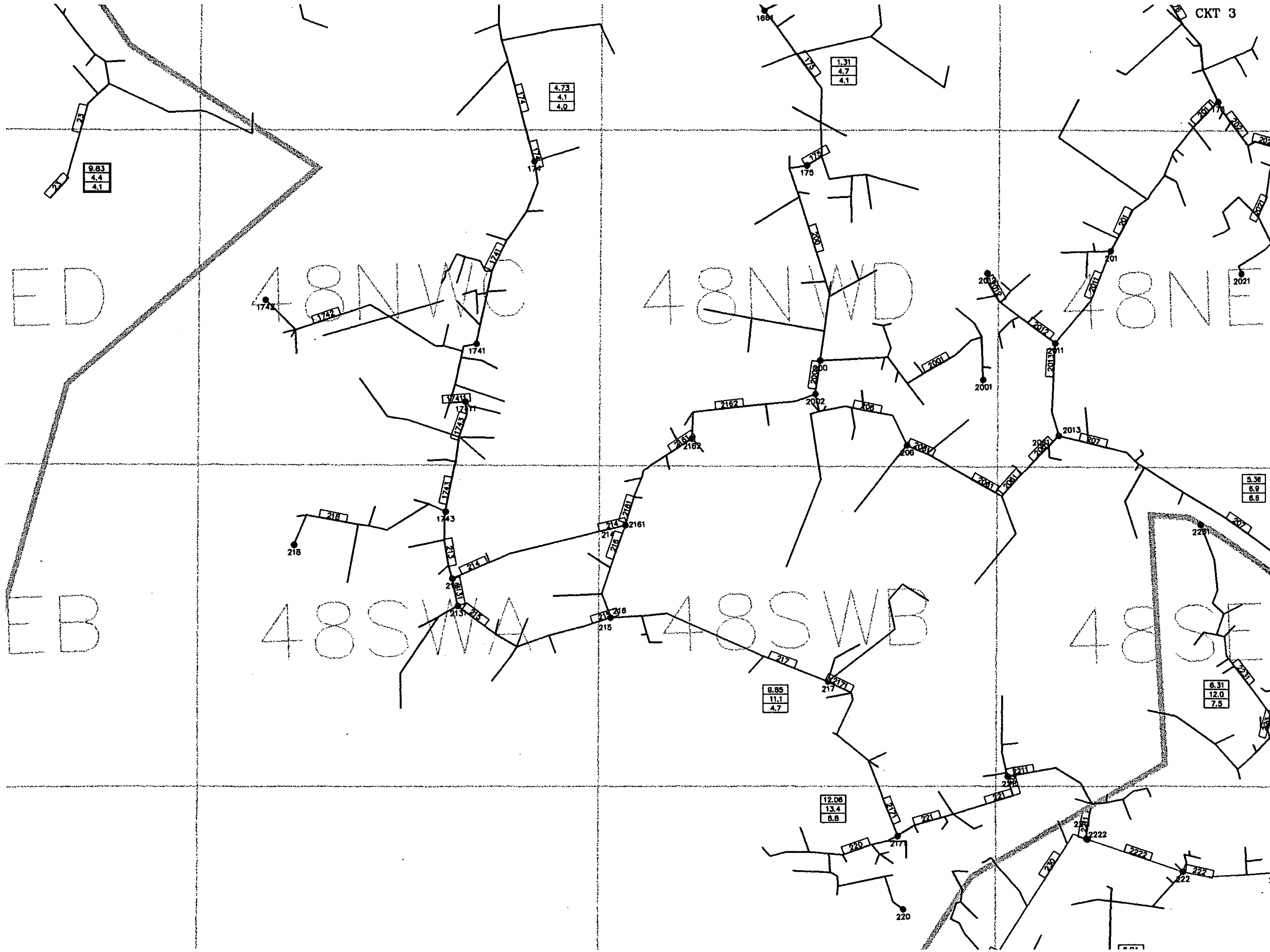
1523
1522
3112


CKT 3
48NWC
48NWD
48SWA
48SWB
9.83
4.4
4.1
4.73
4.1
4.0
1.31
4.7
4.1
8.85
11.1
4.7
12.06
13.4
8.8
6.31
12.0
7.5
5.36
6.9
6.8
1742
1741
1743
174
175
200
2001
2002
2162
2161
206
2061
2011
2012
2013
201
2021
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2291
214
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2171
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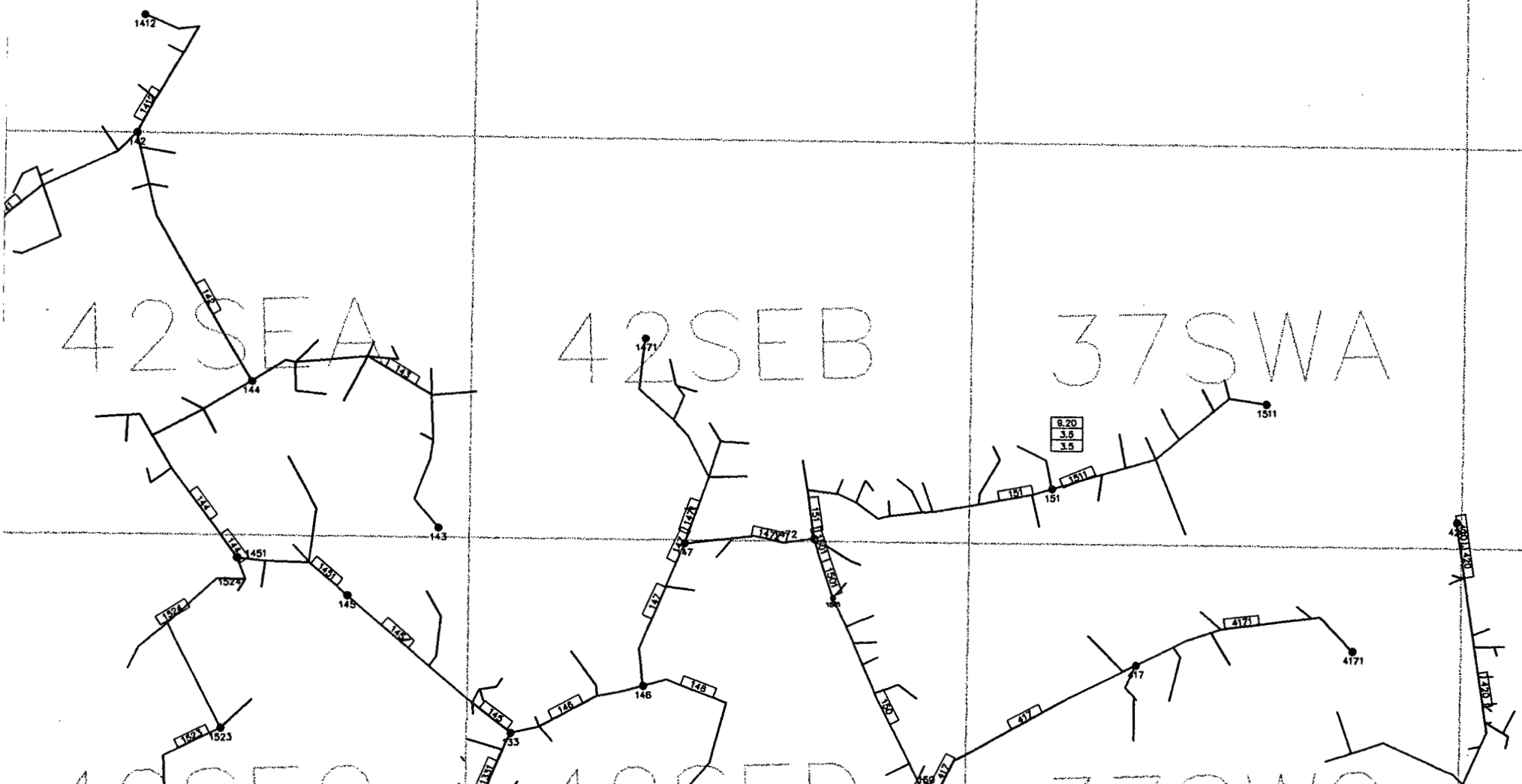
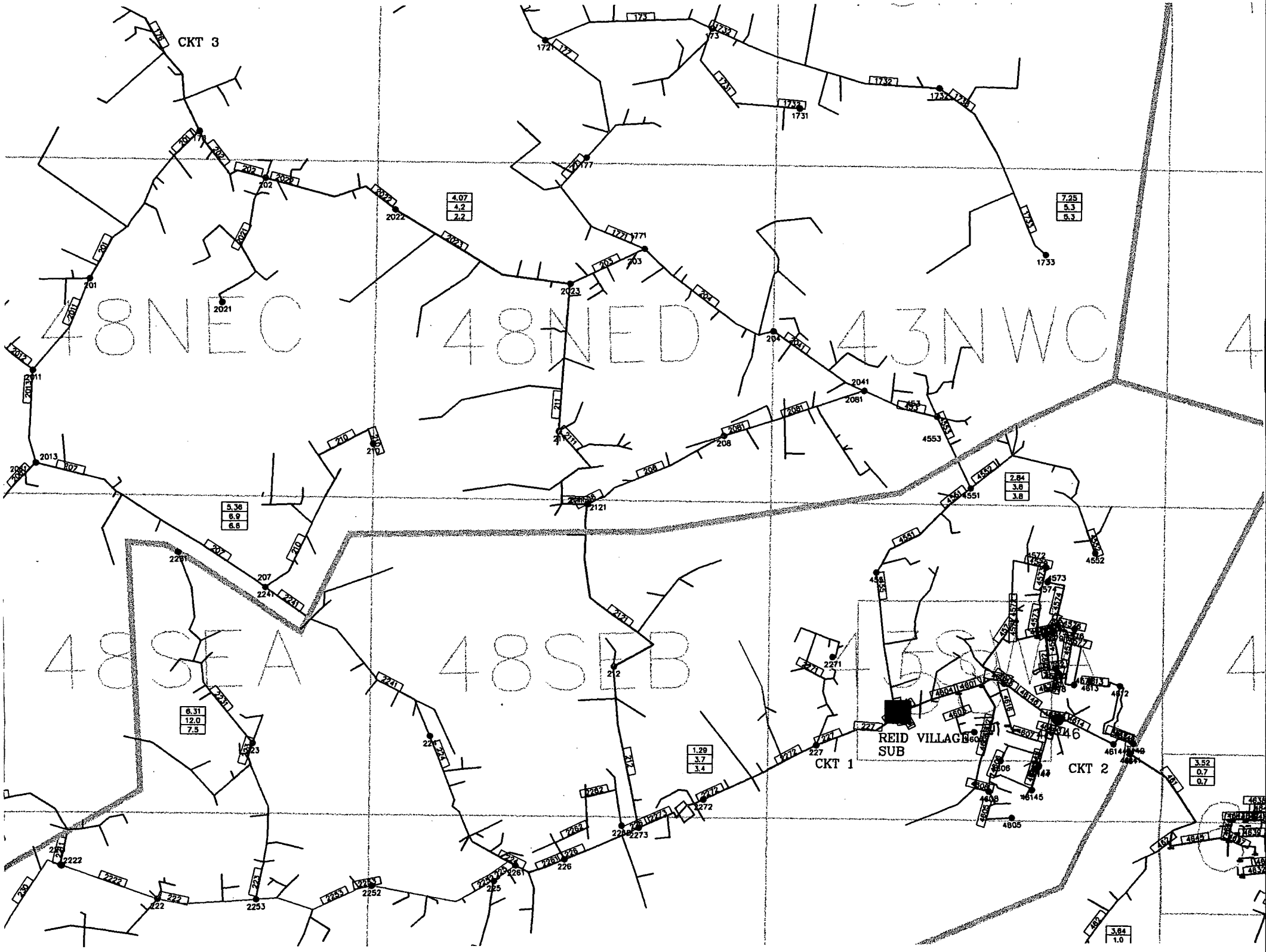
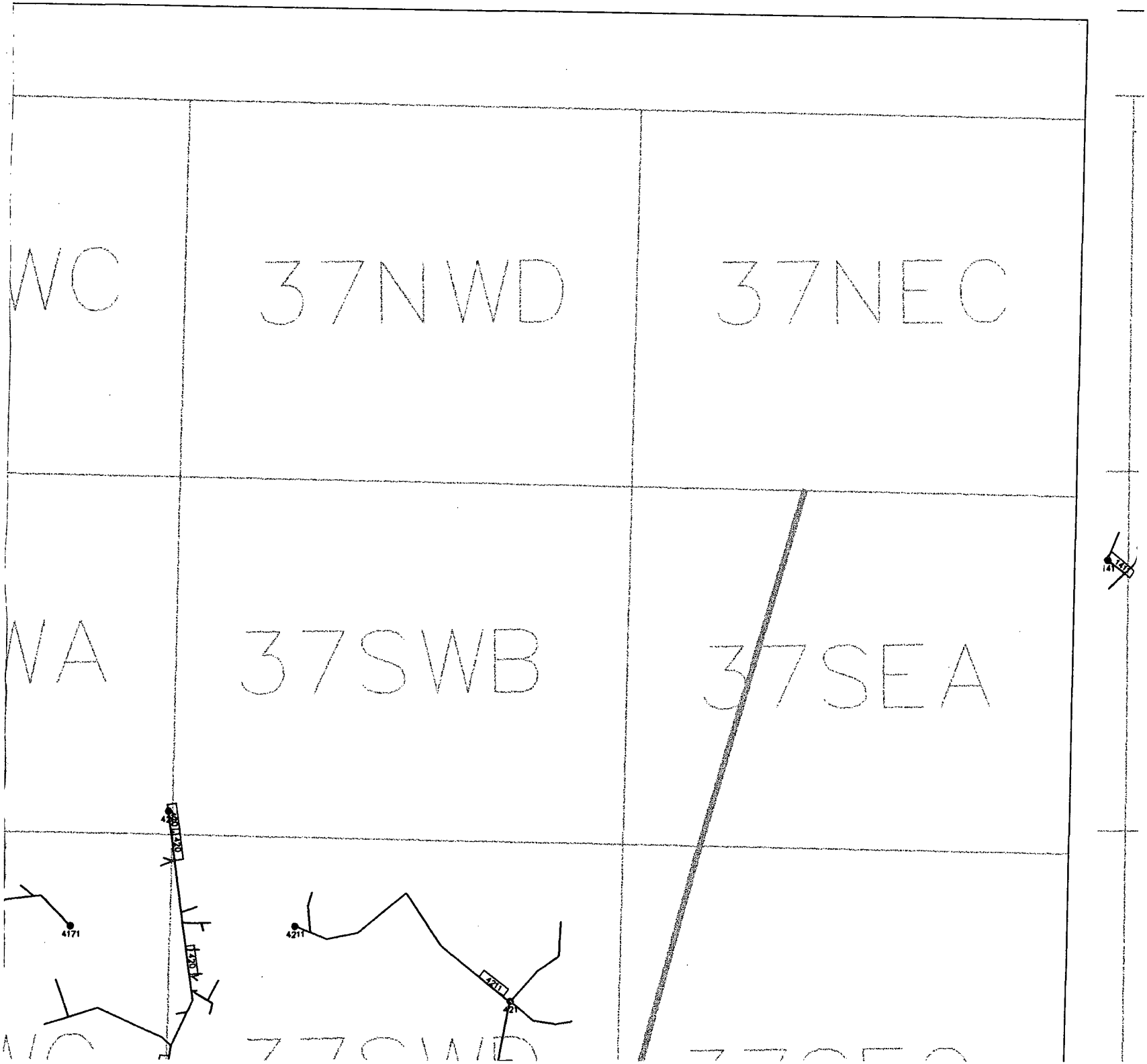
220
221
2211
2222
222
230

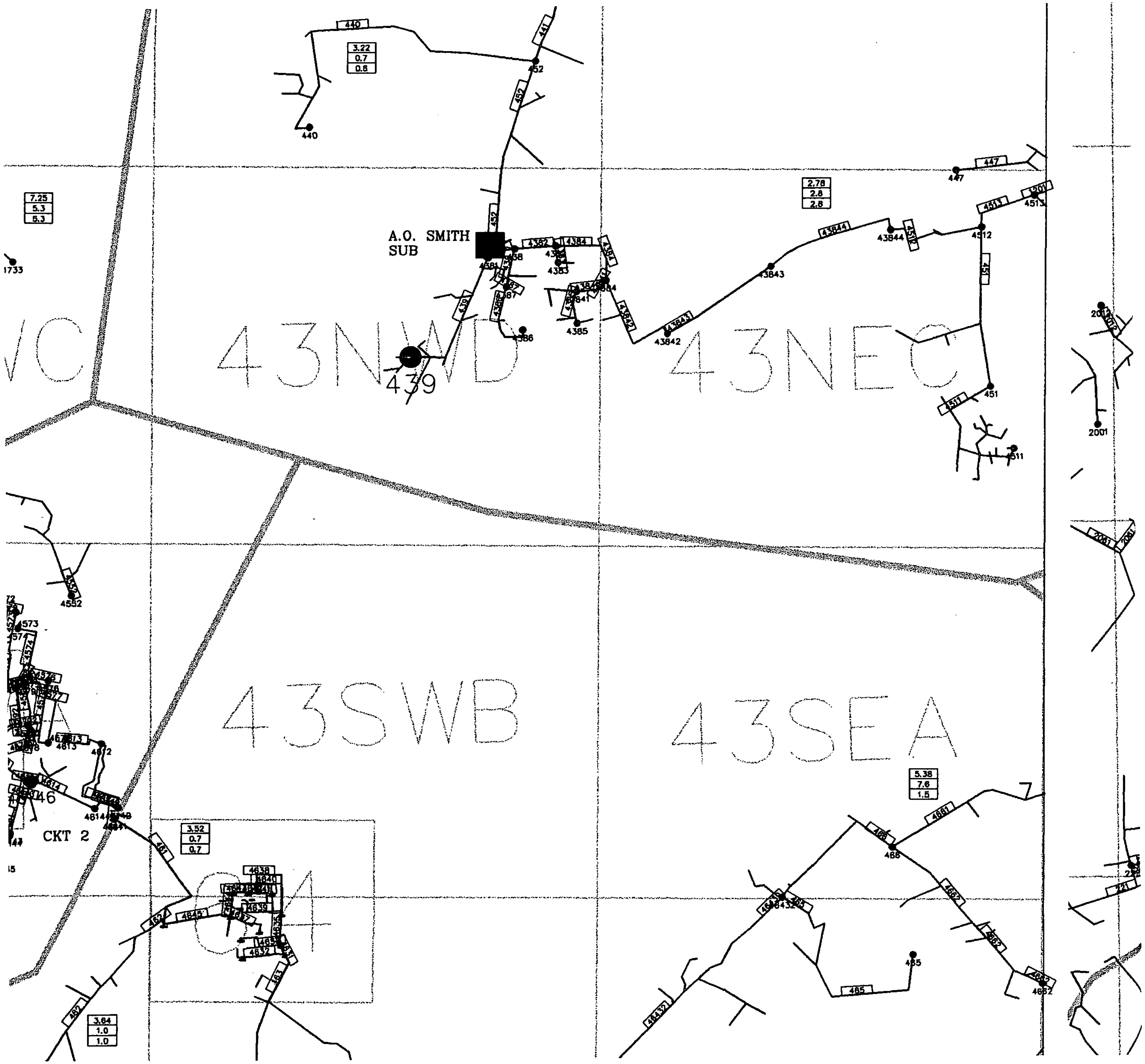
42NEC 42NED 37NWC



42SEA 42SEB 37SWA


CKT 3
48NEC
48NED
43NWC
48SEA
48SEB
REID VILLAGE SUB
CKT 1
CKT 2
4.07
4.2
2.2
7.25
5.3
5.3
5.36
6.9
6.8
2.84
3.8
3.8
6.31
12.0
7.5
1.29
3.7
3.4
3.52
0.7
0.7
3.84
1.0


WC
37NWD
37NEC
NA
37SWB
37SEA
4171
4211


A.O. SMITH
SUB
43NWD
43NEC
43SWB
43SEA
439
CKT 2
3.22
0.7
0.8
7.25
5.3
5.3
2.78
2.8
2.8
5.38
7.6
1.5
3.52
0.7
0.7
3.84
1.0
1.0