

P.O. BOX 328 • FLEMINGSBURG, KENTUCKY 41041 • (606) 845-2661 • FAX (606) 845-1008

VIA HAND DELIVERY ON 04/13/2007

April 13, 2007

Ms. Elizabeth O'Donnell Executive Director Kentucky Public Service Commission 211 Sower Boulevard P.O. Box 615 Frankfort, Kentucky 40602-0615 RECEIVED

APR 13 2007

PUBLIC SERVICE COMMISSION

Re: An Investigation of The Reliability Measures of Kentucky's Jurisdictional Electric Distribution Utilities and Certain Reliability Maintenance Practices; Case No. 2006-00494

Dear Ms. O'Donnell:

Enclosed are an original and seven copies of Fleming-Mason Energy Cooperative's responses to the Staffs Informal Conference set of data requests in the above-referenced case.

Please date-stamp and return the two extra copies of this letter in the enclosed envelope.

Should you have any questions, please do not hesitate to contact me or Gary Grubbs of Patterson and Dewar Engineers, Inc. (270-404-5030).

I certify that an original and seven photocopies of Fleming-Mason Energy's (FME's) response to the Informal Conference (IC) information request were served and filed by hand delivery to Beth O'Donnell, Executive Director, Public Service Commission, 211 Sower Boulevard, Frankfort, Kentucky 40601; I further state that true and accurate copies of the foregoing were mailed via First Class U.S. Mail, postage pre-paid, to all parties of record.

Sincerely,

Chris Perry

President / CEO

cc: All parties of record

FLEMING-MASON ENERGY COOPERATIVE'S RESPONSE TO THE STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

SERVICE LIST (PARTIES OF RECORD)

Allen Anderson South Kentucky R.E.C.C. P.0. Box 910 Somerset, KY 42502-0910

Mark A. Bailey Kenergy Corp. P.0. Box 1389 Owensboro, KY 42302

Kent Blake Director - Rates & Regulatory Kentucky Utilities Company c/o Louisville Gas & Electric P.O. P.O. Box 32010 Louisville, KY 40232-2010

Dudley Bottom, Jr. Shelby Energy Coop, Inc. 620 Old Finchville Road Shelbyville, KY 40065

Daniel W. Brewer Blue Grass Energy Coop. Corp. P.O. Box 990 Nicholasville, KY 40340-0990

Jackie B. Browning Farmers R.E.C.C. P.O. Box 1298 Glasgow, KY 42141-1298

Sharon K. Carson Finance & Accounting Manager Jackson Energy Cooperative 115 Jackson Energy Lane McKee, KY 40447

Duke Energy Kentucky, Inc. 139 East Fourth Street Cincinnati, OH 45202

Paul G. Embs Clark Energy Cooperative, Inc. P.0. Box 748 Winchester, KY 40392-0748 Carol H. Fraley, CEO Grayson R.E.C.C. 109 Bagby Park Grayson, KY 41143

Ted Hampton Cumberland Valley Electric, Inc. Highway 25E P.0. Box 440 Gray, KY 40734

Larry Hicks
Salt River Electric Coop. Corp.
111 West Brashear Avenue
P.0. Box 609
Bardstown, KY 40004

Kerry K. Howard Licking Valley R.E.C.C. P.0. Box 605 West Liberty, KY 41472

James L. Jacobus Inter-County Energy Coop. Corp. P.0. Box 87 Danville, KY 40423-0087

Robert M. Marshall Owen Electric Cooperative, Inc. P.0. Box 400 Owenton, KY 40359

Burns E. Mercer Meade County R.E.C.C. P.0. Box 489 Brandenburg, KY 40108-0489

Michael L. Miller President & CEO Nolin R.E.C.C. Elizabethtown, KY 42701-8701

Timothy C. Mosher American Electric Power P.0. Box 5190 Frankfort, KY 40602 Barry L. Myers, Manager Taylor County R.E.C.C. P.0. Box 100 Campbellsville, KY 42719

G. Kelly Nuckols Jackson Purchase Energy Corp. P.O. Box 4030 Paducah, KY 42002-4030

Anthony P. Overbey Fleming-Mason Energy Coop. P.O. Box 328 Flemingsburg, KY 41041

Bobby D. Sexton President /General Manager Big Sandy R.E.C.C. 504 11th Street Paintsville, KY 41240-1422

Lawrence C. Cook Assistant Attorney General Office of the Attorney General Utility & Rate Intervention Div. 1024 Capital Center Dr. - Suite 200 Frankfort, KY 40601-8204

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

1	COMMONWEALTH OF KENTUCKY
2	BEFORE THE PUBLIC SERVICE COMMISSION
3	
4	In the Matter of:
5	AN INVESTIGATION OF THE RELIABILITY) ADMINISTRATIVE
6	MEASURES OF KENTUCKY'S) CASE NO.: 2006-00494 JURISDICTIONAL ELECTRIC)
7	DISTRIBUTION UTILITIES AND CERTAIN) RELIABILITY MAINTENANCE PRACTICES)
8)
9	
10	
11	
12	RESPONSE OF
13	FLEMING-MASON ENERGY COOPERATIVE ("FME")
14	TO INFORMATION REQUESTED VIA STAFF INFORMAL CONFERENCE
15	FOR COMMISSION'S ORDER 2006-00494
16	DATED DECEMBER 12, 2006
17	
18	
19	FILED: APRIL 13, 2007
20	
21	
22	Witnesses for All Response Contained Hereinafter:
23	Chris Perry, FME
24	Gary Grubbs, P&D Engineers, Inc.
25	
26	11

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

1	TABLE OF CONTENTS	
2	Rural Utility Service (RUS) Form 300 (O&M) for Past 5 Year Period	3
3	Corrective Action Plan (CAP) Developed During Past 5 Year Period	3
4	RUS Form 7, Part G for Each of the Past 5 Years (Summary)	3
5	Response to Part 5 ~ Staff Questions For All Utilities (No. 1)	4
6	Response to Part 5 ~ Staff Questions For All Utilities (No. 2)	4
7	EXHIBIT 1A	5
8	EXHIBIT 1B	7
9	EXHIBIT 2A-E	9
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

PSC Staff requested the following via Agenda Item 4 (Staff Summary of Responses) of its prepared notes from the 03/08/2007 Informal Conference ("IC"):

- Q. Each RECC should provide FORM 300 for the past 5 years to the staff.
- A. RUS Form 300 is completed on a 3-year cycle by the RUS General Field Representative ("GFR") and as such was conducted on the FME system during the years of 2002 and 2005. Reports for those two years (two pages per) are attached as EXHIBIT 1A and 1B.
- Q. Each RECC should provide any CAP {corrective action plan} developed within the past 5 years to the PSC staff.
- A. Corrective actions plans were not required by results of the 2002 or $2005 \ \text{RUS}$ Form 300 surveys.
- Q. Each RECC should provide a copy of RUS Form 7, Part G for the past 5 years to the PSC staff.
- A. Following is a summary of RUS Form 7, Part G information from years 2002 through 2006. The actual data is presented in EXHIBIT 2.

PART G: SERVICE INTERRUPTIONS							
TMDM / WDTD	AVEF	AVERAGE HOURS PER CONSUMER BY CAUSE					
ITEM / YEAR	POWER SUPPLIER (a)	EXTREME STORM (b)	PREARRANGED (c)	ALL OTHER (d)	(e)		
2002	0.29	0.00	0.03	2.01	2.33		
2003	0.82	81.96	0.22	1.72	84.72		
2004	0.25	0.00	0.10	3.15	3.50		
2005	0.04	0.00	0.06	1.97	2.07		
2006	0.28	0.00	0.02	1.67	1.97		
5-YEAR AVG.	0.34	16.39	0.09	2.10	18.92		

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

PSC Staff requested the following via Staff Question 5 (All Utilities) of its prepared notes from the 03/08/2007 IC:

- Q. See Handout No. 1 which reflects several types of tree pruning.

 Regardless of whether or not the Commission sets any tree trimming standards, should Through or V pruning, Side pruning, Under pruning, or Topping be allowed?
- A. Yes. Tree trimming methods are like tools; the prudent choice may be different depending on the type tree, the terrain, the type of line construction, the line voltage, the growth contributors, the tree maintenance cycle achievable, the location, the easement, the overall reliability required, etc. Utilities should be permitted to implement any or all of the methods such as those illustrated in Handout No. 1.
- Q. If the utility does not own the property over which its distribution lines are located, what are the utility's legal rights as far as access to the property, and ability to trim trees?
- A. The ability to trim/cut trees beneath FME's distribution lines, along with the access for such, is normally obtained via easements from the property owner. For the most part, RUS distribution cooperatives such as FME are not allowed to monetarily purchase easements but must instead ask for the right to traverse the lands needed to expand/maintain service. Prescriptive rights normally allow for maintenance going-forward once facilities are in place; but with this said, the "happiness/satisfaction" of the property owner must be diligently held in reverence.

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

1

EXHIBIT 1A

Public reporting burden for this collection of information is estimated to average 4 licurs per response, including the time for reviewing instructions, searching existing data sources, gathering and maintain the data needed, and completing and reviewing the collection of information. Send commende regarding this burden without or any other expect of his collection of information, including suggestions for reducing this burden to Department of Agriculture. Clearance Officer, OC. OMB Control # 0572-0028, AG Box 7630, Washington, DC 20750.

Tou are not required to respond to this collection of Information waters this form displays the currently will OMB control number. 2 3 BORROWER DESIGNATION UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE KY52 4 DATE PREPARED REVIEW RATING SUMMARY 2/12/2002 5 Q: Ugsatisfactory - No Records 2: Acceptable, but Should be improved - See Attached Recommendations Ratings on form are: 3: Satisfactory - No Additional Action Required at this Time 6 1: Corrective Action Needed NA: Not Applicable PART I. TRANSMISSION and DISTRIBUTION FACILITIES 4. Distribution - Underground Cable 1. Substations (Transmission and Distribution) (Rating) (Rating) 7 NA a. Grounding and Corrosion Control a. Safety, Clearance, Code Compliance b. Physical Conditions: Structure, Major Equipment, Appearance NA b. Surface Grading, Appenrance c. Riser Pole: Hazards, Guying, Condition 8 c. Inspection Records Each Substation NΛ NA d. Oil Spill Provention 5. Distribution Line Equipment: Conditions and Records a a. Voltage Regulators 2. Transmission Lines. b. Sectionalizing Equipment NA a. Right-of-Way: Clearing, Erosion, Appearance, Intrusions c. Distribution Transformers b. Physical Condition: Structure, Conductor, Guying NA 10 c Inspection Program and Records d. Pad Mounted Equipment NA Safety: Locking, Dead Front, Barriers 11 Appearance: Settlement, Condition 3. Distribution Lines - Overhead a. Inspection Program and Records Other e. Kilowatt-hour and Demand Meter b. Compliance with Safety Codes: Clearances 12 Foreign Structures Reading and Testing Attachments 13 e. Observed Physical Condition from Field Checking: Right-of-Way Other 14 PART II. OPERATIONS and MAINTENANCE 6. Line Maintenance and Work Order Procedures (Rating) 8. Power Quality (Rating) 15 a. General Freedom from Complaints a. Work Planning & Schoduling b. Work Backlogs: Right-of-Way Maintenance 16 9. Loading and Load Balance Poles a. Distribution Transformer Loading Retirement of Idle Services 2 b. Load Control Apparatus Other 17 c. Substation and Feeder Loading 7. Service Interruptions a. Average Annual Hours/Consumer by Cause (Complete for each of the previous 5 years) 18 10. Maps and Plant Records MAJOR SCHEDULED ALL POWER PREVIOUS a. Operating Maps: Acourate and Up-to-Date OTHER 5 YEARS SUPPLIER STORM b. Circuit Diagrams d. (Rating) (Year) b. 19 4.76 c. Staking Sheets 0.27 1.09 0.57 2.83 3 1997 14.02 5.11 1998 1.27 7.33 0.31 2 20 0.26 4.08 5.13 2 0.11 80.0 1999 0.17 7.15 2 2000 1.47 2,33 3.18 0.68 .002 2.65 3.33 2001 Ü 21 b. Emergency Restoration Plan PART IIL ENGINEERING 22 13. Load Studies and Planning II. System Load Conditions and Losses (Rating) a Long Range Engineering Plan 2.70% a. Annual System Losses 23 b. Construction Work Plan b. Annual Load Factor 62,3% e. Sectionalizing Study c. Power Factor at Menthly Peak 95.0% d. Load Data for Engineering Studies d. Ratios of Individual Substation Annual Peak kW to kVA 24 e. Load Forecasting Data 12. Voltage Conditions 25 a. Voltage Surveys b. Substation Transformer Output Voltage Spread RUS FORM 300 (2/98) PAGE 1 OF 2 PAGES 26

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

EXHIBIT 1A

PART IV. OPERATION AND MAINTENANCE BUDGETS For Present Year For Future 3 Years For Previous 2 Years 2001 2002 2003 YEAR 2000 2004 2005 Actual Actual Budget Budget Budget Budget S Thousands S Thousands S Thousands S Thousands S Thousands \$ Thousands 1,003 893 1,033 1,033 1,064 1.096 Nomial Operation 1.527 1,789 2,216 2,282 2 3 5 1 2 421 Normal Maintenance Additional (Deferred) Maintenance Total \$2,480 \$2.877 \$3,219 \$3,316 \$3,415 \$3,517 14. Budgeting: Adequacy of Budgets for Needed Work (Rating) 15. Date Discussed with Board of Directors 3/7/2002 EXPLANATORY NOTES COMMENTS TTEM NO. The entire system is inspected by air every two years. It is recommended that a ground patrol system be implemented to За. cover the entire system over a period of three years. Linemen could be sent out to cover a portion of the system during inclement weather. 3b. There are a significant number of poles with telephone attachments remaining close to the electric poles following line conversions and pole changes. These poles need to be removed. Constant follow up is required to ensure code compliance of cable TV attachments. 3b. A policy requiring prior approval of cable TV attachment plans is recommended. Right-of-way clearing has improved but some vines were observed on guy wires. 3c. Several leaning poles and loose guy wires were observed. All employees should be directed to report problems observed for correction. Several idle services were observed. Idle transformers should be retired. 6b. 8a. Momentary outage complaints (blinks) are being addressed in many areas. Ho. Improving power factor is being addressed in certain areas. 13a. A new long range plan needs to be prepared prior to the next work plan in 2003. TITLE DATE RATED BY: MANAGER OF ENGINEERING 2/12/2002 PRESIDENT & CEO REVIEWED BY: 2/12/2002 RUS GFR REVIEWED BY: 2/12/2002 RUS FORM 300 (2/98) PAGE 2 OF 2 PAGES

EXHIBIT 1A Page 2 of 2

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

EXHIBIT 1B

Public reparting burden for this collection of information It estimated to average 4 hours ger response, including the time for reviewing instructions, searching existing data sources, gathering and maistaining the data needed, and compilating and reviewing the collection of information. Send commends regarding this towards entry other suspect of this collection of information, including suggestions for reducing this burden to Department of Agriculture, Clearance Officer, OC, OMB Control # 0572-0025. AD Box 7630, Washington, DC 20150.

You are not required to respond to this collection of information waters this form displays the currently vadid OMB control number.

RUS FORM 300 (2/98)

You are not re			tion of information TES DEPART				MB control num	BORROWER DESIGNATION		
	U,		URAL UTILI			UKE		KY 52		
		X.	COLUMN O HILL	THE OFFICE	(LLI)			The Su		
	J	REVIE	W KATL	NG SU	MMAR	Υ		DATE PREPARED		
								1/20/2005		
						***************************************	*************************			
Ratings on	form arc:		0: Unsatisfa	-		•		uld be Improved - See Attached Recommendations		
NA.	: Not Applie	able	1: Correctiv					Iditional Action Required at this Time		
				PART L T	RANSMIS	**************************************	4	ON FACILITIES	/h	
	-		Distribution)			(Rating)	1	lion - Underground Cable	(Rating)	
•	, Clearance,	•				NA NA	9	ling and Corrosion Control	3	
			Major Equipm	ient, Appear	ance	NA NA	1	e Grading, Appearance	3	
•	tion Records		иол			NA NA	c.ruserP	ole: Hazards, Guying, Condition		
a. On sp	ill Prevention	n.				- IVA	5 Dietribos	tion Line Equipment: Conditions and Records		
2 Transmi	lssion Lines						1	Regulators	3	
		ring Fracion	, Appearance,	Intrusions		NA	1 -	alizing Equipment	3	
_		-	onductor, Guy			NA	(ntion Transformers	3	
	ion Program			a .		NA	1	ounted Equipment	***************************************	
							1	Safety: Locking, Dead Front, Barriers	3	
3. Distribu	tion Lines -	Overhead						Appearance: Settlement, Condition	3	
a. Inspect	ion Program	and Records	;			3		Other	NA.	
b. Compl.	iance with Sa	fety Codes:		Clearances		3	e. Kilowa	tt-hour and Demand Meter		
				Foreign Str	uctures	2_	Read	ing and Testing	3	
				Attachment	3	22				
c. Observ	ed Physical (Condition fro	m Field Check							
				Right-of-W	ay	3				
				Other		NA		Control of the contro		
				PART IL	OPERATI	ONS and M	AINTENAN	CE		
6. Line Ma	intenance ar	d Work Or	der Procedur				8. Power Q	***************************************	(Rating)	
a. Work P	lanning & So	cheduling				3	a. General	Freedom from Complaints	3	
b. Work B	Backlogs:		Right-of-Way	Maintenand	æ	3				
			Poles			3		and Load Balance		
			Retirement of	Idle Service	ts	2	1	tion Transformer Loading	3	
			Other			NA_	1	ontrol Apparatus	NA 2	
	interruption:				. # a1 *	·	c. Substati	ion and Feeder Loading	3	
	T		SCHEDULED		TOTAL	3 years)	10 Mans s	nd Plant Records		
PREVIOUS 5 YEARS	POWER SUPPLIER	MAJOR STORM	3CHEDOLED	ALL OTHER	IOTAL		-	ng Maps: Accurate and Up-to-Date	3	
(Year)	a.	b.	c.	d.	e.	(Raning)	b. Circuit		3	
1999	0.11	0.68	0.26	4.08	5.13	2	c. Staking	-	3	
2000	1.47	2.33	0.17	3.18	7.15	2			***************************************	
2001	0.68		0.00	2.65	3.33	3				
2002	0.29		0.03	2.01	2.33	3				
2003	0.82	81.96	0.22	1.72	84.72	2				
b Emere	ency Restora	tion Plan				3		,		
o. mint	mint represen							harmonuti)		
44.0	·				PART III.	ENGINEER		dise and Diaming	/D i 1	
	Load Condi		xzes	7 27		(Kating)		udies and Planning	(Rating)	
	System Loss Load Factor	CS .		2.97% 69.0%	•	3	-	inge Engineering Plan ction Work Plan	3	
	Load ractor Factor at Mer	thly Peak		95+%	•	3		alizing Study	3	
		-	Annual Peak k		-	3	1	ata for Engineering Studies	3	
or tennos s	~ 11774 L1G DOS	~ acemment f	rametrus y must V					recasting Data	3	
12. Voltage	Conditions							·	***************************************	
a. Voltage	Surveys					3				
b. Substati	ion Transfort	ner Output V	Toltage Spread			3				
		-								

EXHIBIT 1B Page 1 of 2

PAGE 1 OF 2 PAGES

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

EXHIBIT 1B

		ous 2 Years	For Present Year		For Future 3 Years		
YEAR	2002	2003	2004	2005	2006	2007	
	Actual \$ Thousands	Actual \$ Thousands	Budget \$ Thousands	Budget \$ Thousands	Budget \$ Thousands	Budget \$ Thousan	
Normal Operation	\$1,042,297	\$ 100052005	\$1,039,667	\$1,070,857	\$1,102,983	\$1,136,07	
Normal Maintenance	\$2,146,960	\$2,574,843	\$2,771,580	\$2,854,727	\$2,940,369	\$3,028,58	
Additional (Deferred) Maintenance							
Total	\$3,189,257	\$3,481,291	\$3,811,247	\$3,925,584	\$4,043,352	\$4,164,65	
14. Budgeting:	Adequacy of Budgets for N	eeded Work	3	(Rating)			
15. Date Discuss	ed with Board of Director	S	2/3/2005	<u>.</u>			
			EXPLANATORY NO	TES			
ITEM NO.	and the second s		COM	MENTS		······································	
3Ь.			ext to electric poles which pliance of cable TV attach				
6b.	There are some idle servi	ces to be removed and the	e report of idle services ne	eds to be reconciled with	billing records.		
7a.	There was a devastating i	ce storm in 2003.					
11a.	Actual fine losses withou	large power loads is still	too high. We are working	to reduce line losses in m	nany areas.		
						•	
				777	TLE	DATE	
RATED BY:	Pain	Que S Per	. PE		ENGINEERING	1/20/2005	
REVIEWED BY:		In 5 fee	} 	PRESIDE	NT & CEO	1/20/2005	
REVIEWED BY:	Mile	1		RUS	GFR	1/20/2005	
				1		A	

EXHIBIT 1B Page 2 of 2

RESPONSE TO STAFF INFORMAL CONFERENCE OF 03/08/2007

CASE NO. 2006-00494

EXHIBIT 2A

FROM 2002 RUS FORM 7

ľ	PART G. SERVICE INTERRUPTIONS							
ITEM AVERAGE HOURS PER CONSUMER BY CAUSE						TOTAL		
	1 1 12/VI	POWER SUPPLIER	EXTREME STORM	PREARRANGED	ALL OTHER	(a)		
	I. Present Year	. 29	0.00	.03	2.01	2.33		
	2. Five-Year Average	.76	2.07	.15	3.41	6.39		

EXHIBIT 2B

FROM 2003 RUS FORM 7

			PART G. SERVICE	INTERRUPTIONS		**************************************
ITEM	AVERAGE HOURS PER CONSUMER BY CAUSE					
HILM	POWER SU	JPPLIER EX	XTREME STORM	PREARRANGED	ALL OTHER	TOTAL
	(a)		(b)	(c)	(d)	(e)
1. Present Yea		. 82	81.96	. 22	1.72	84.72
2. Five-Year Av	erage	. 67	16.99	.14	2.73	20.53

11 EXHIBIT 2C

FROM 2004 RUS FORM 7

PART G. SERVICE INTERRUPTIONS							
ITEM	Λ	TOTAL					
TIEN	POWER SUPPLIER	EXTREME STORM	PREARRANGED	ALL OTHER			
	(a)	(<i>h</i>)	(c)	(d)	(e)		
1. Present Year	.25	0.00	.10	3.15	3.50		
2. Five-Year Avera	ge .70	16.86	. 10	2.54	20.20		

EXHIBIT 2D FROM 2005 RUS FORM 7

	PART G. SERVICE INTERRUPTIONS							
ITEM AVERAGE HOURS PER CONSUMER BY CAUSE								
	11111	POWER SUPPLIER (a)	EXTREME STORM (b)	PREARRANGED (c)	ALL OTHER (d)	FOTAL (e)		
	1. Present Year	. 04	0.00	.06	1.97	2.07		
	Five-Year Average	.42	16.39	.08	2.30	19.19		

EXHIBIT 2E FROM 2006 RUS FORM 7

PART G. SERVICE INTERRUPTIONS							
ITEM AVERAGE HOURS PER CONSUMER BY CAUSE							
11601	POWER SUPPLIER	EXTREME STORM	PREARRANGED	ALL OTHER	TOTAL		
	(a)	(<i>b</i>)	(c)	(d)	(e)		
1. Present Year	.28	0.00	.02	1.67	1.97		
2. Five-Year Average	.34	16.39	.08	2.10	18.91		