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MAR 28 2008

PUBLIC SERVICE
COMMISSION

March 28, 2008

Ms. Stephanie L. Stumbo
Executive Director
Public Service Commission
211 Sower Boulevard
Frankfort, KY 40602

Dear Ms. Stumbo:

Please find enclosed for filing with the Commission, pursuant to 807 KAR 5:080 Section 2, the Annual Report of East Kentucky Power Cooperative, Inc. relating to nonregulated activities.

Very truly yours,



Charles A. Lile
Corporate Counsel

Enclosure

East Kentucky Power Cooperative, Inc.
Cost Allocation Manual
Effective Date January 1, 2002
(Amended April 1, 2008)

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Introduction

The Commonwealth of Kentucky General Assembly enacted KRS 278.2205 during the 2000 regular session. The Kentucky Public Service Commission (PSC) requires that all utilities providing nonregulated activities, either directly or through an affiliate keep separate accounts and allocate costs to ensure that regulated ratepayers do not subsidize the nonregulated activities. This law requires utilities that meet certain revenue levels to file a Cost Allocation Manual (CAM) to identify the method for segregating costs between regulated and nonregulated activities. This manual is an indexed compilation of East Kentucky Power Cooperative, Inc.'s cost allocation policies and procedures.

Definitions

Affiliate - a person that controls or is controlled by, or is under common control with, a utility.

Arm's Length - the standard of conduct under which unrelated parties, each party acting in its own best interest, would negotiate and carry out a particular transaction.

Control - the power to direct the management or policies of a person through ownership, by contract, or otherwise.

Cost Allocation Manual (CAM) - an indexed compilation and documentation of a company's cost allocation policies and related procedures.

Cost Allocations - the methods or ratios used to apportion costs. A cost allocator can be based on the origin of costs, as in the case of cost drivers; cost-causative linkage of an indirect nature; or one or more overall factors (known as general allocators).

Common Costs - costs associated with services or products that are of joint benefit between regulated and non-regulated business units.

Cost Driver - a measurable event or quantity which influences the level of costs incurred and which can be directly traced to the origin of the costs themselves.

Direct Costs - costs which can be specifically identified with a particular service or product.

Distribution Cooperative - a utility formed under KRS Chapter 279 that provides retail service.

Electric-Consuming Facilities - everything that utilizes electric energy from a central station source.

Facility - includes all property, means, and instrumentalities owned, operated, leased, licensed, used, furnished, or supplied for, by, or in connection with the business of any utility.

Fully Distributed Costs - the sum of the direct costs plus an appropriate share of indirect costs.

Generation and Transmission Cooperative (G&T) - a utility formed under KRS Chapter 279 that provides electric generation and transmission service.

Global Costs - costs that do not have specific identifiable causal relationship with a particular activity but apply to all activities.

Incidental Treatment - a utility may report an incidental nonregulated activity if (a) the revenue from the aggregate of the total of the utility's nonregulated incidental activities does not exceed the lesser of two percent (2%) of the utility's total revenue or one million dollars (\$1,000,000) annually and (b) the nonregulated activity is reasonably related to the utility's regulated activity.

Indirect Costs - costs that cannot be identified with a particular service or product. This includes but is not limited to overhead costs, administrative and general, and taxes.

Kentucky Public Service Commission (PSC) (Commission) - state regulatory body governing the rates and practices of utilities.

Net Book Value - the book cost, as defined by the uniform system of accounts, reduced by related provisions for accumulated depreciation, depletion, or amortization and adjusted for any unamortized plant acquisition adjustment related to the asset.

Nonregulated Activity - the provision of competitive retail gas or electric services or other products or services over which the commission exerts no regulatory authority.

Person - includes natural persons, partnerships, corporations, and two (2) or more persons having a joint or common interest.

Prevailing Market Pricing - a generally accepted market value that can be substantiated by clearly comparable transactions, auction or appraisal.

Rate - any individual or joint fare, toll, charge, rental, or other compensation for service rendered by any utility, and any rule, regulation, practice, act, requirement, or privilege in any way relating to such fare, toll, charge, rental, or other compensation, and any schedule or tariff or part of a schedule or tariff thereof.

Regulated Activity - a service provided by a utility, the rates and charges of which are regulated by the Commission.

Retail Electric Service - electric service furnished to a consumer for ultimate consumption.

Service - any practice or requirement in any way relating to the service of any utility, including the voltage of electricity, the heat units and pressure of gas, the purity, pressure, and quantity of water, and in general the quality, quantity, and pressure of any commodity or product used for or in connection with the business of any utility.

Shared Services - those centrally-managed services that benefit both the utility and its affiliates/divisions.

Solicit - to engage in or offer for sale a good or service, either directly or indirectly and irrespective of place or audience.

Subsidize - the recovery of costs or the transfer of value from one class of customer, activity, or business unit that is attributable to another.

USoA – Uniform System of Accounts - a system of accounts for public utilities established by the Rural Utilities Service (RUS) of the United States Department of Agriculture and adopted by the Commission.

Utility - a natural person, partnership, or corporation (except a city) who owns, controls, operates or manages a facility in connection with the generation, production, transmission, or distribution of electricity to or for the public, for compensation, for lights, heat, power, or other uses.

Utility Revenue - operating electric revenue as reported on Page 1, line 4, of RUS Form 12a.

Wholesale Electric Service - electric service generated or purchased and furnished to a retail electric company or another wholesale electric company for further distribution.

Regulated and Nonregulated Divisions and Affiliates and Related Services & Products

Regulated Division

East Kentucky Power Cooperative, Inc.

East Kentucky Power Cooperative, Inc. is a regulated not-for-profit generation and transmission cooperative utility whose primary function is the delivery of wholesale electric service to its 16 member cooperatives. Additionally, EKPC provides other regulated support services such as research and development dealing with power generation and power delivery, load research, rate research, educational programs relating to efficient use of electricity, and economic development.

Nonregulated Affiliates

Alliance for Cooperative Energy Services Power Marketing (ACES Power Marketing)

EKPC entered into a power marketing agreement with several other generation and transmission cooperatives. This group, ACES Power Marketing, is an organization formed primarily to purchase and sell power. In addition to purchasing and selling power, ACES Power Marketing provides services such as portfolio modeling, trading controls, credit analysis, scheduling, trading, load management, and contract management.

Envision Energy Services, LLC (Envision)

Envision is a partnership of electric cooperatives in central and eastern Kentucky. Envision offers services to commercial and industrial customers that go beyond services offered by regulated utilities. These services include: infra-red surveys, emergency power, installation of lighting upgrades and related maintenance, power factor correction, energy bill analysis, energy management systems, power quality solutions, performance contracting, and natural gas sales. EKPC shares employees, office space, fleet vehicles, telephone services, and office equipment with Envision.

Propane Gas Program

EKPC and four of its members have established partnerships in the business of providing propane gas to residential customers. EKPC is primarily an investing partner with limited operational involvement and expenses in each of these partnerships.

Nature of Transactions

From the Utility to the Affiliate/Division

Goods, services and use of assets provided by the regulated utility to the nonregulated affiliate/division shall be at the tariffed rate. Non-tariffed items shall be priced at the fully distributed cost or prevailing market price, if available, whichever is greater.

The transfer or sale of assets by the utility to the nonregulated affiliate shall be priced at the greater of the utility's net book value or prevailing market price, if available.

Goods or services provided by a regulated utility to an affiliated regulated utility shall be priced at fully distributed cost.

From the Affiliate/Division to the Utility

Goods, services and use of assets provided by the nonregulated affiliate/division to the regulated utility shall be at the lower of the affiliate's fully distributed cost or prevailing market price, if available.

The transfer or sale of assets by the nonregulated affiliate to the regulated utility shall be priced at the lower of the affiliate's net book value or prevailing market price, if available.

The transfer or sale of assets between regulated affiliates shall be at the net book value.

Cost Allocation Methodologies

Certain costs are shared by both regulated and nonregulated divisions and affiliates. The allocation methods of these shared costs are discussed below. Representative rates are developed to apply to a measurable unit and costs relating to nonregulated activities are transferred to nonregulated accounts. These rates are based on actual costs and reviewed at least annually.

Direct Labor Hours

Costs will be allocated proportionally based on the number of direct labor hours recorded for each activity.

Direct Labor Dollars

Costs will be allocated proportionally based on the amount of labor dollars recorded for each activity.

Occupancy

Costs will be allocated proportionally based on the size of the workspace devoted to a particular activity.

Miles Driven

Costs will be allocated proportionally based on miles driven.

Hours Used

Costs will be allocated proportionally based on hours recorded for the use of machinery and equipment.

Number of Equipment Units

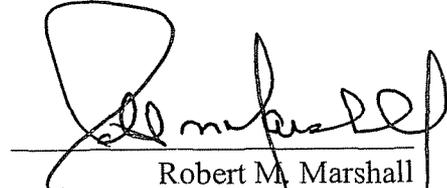
Costs will be allocated proportionally based on number of equipment units devoted to a particular activity.

Global - Proportional on All Other Expenses

Costs are allocated proportionally based on directly assigned expenses.

ADOPTION STATEMENT

East Kentucky Power Cooperative, Inc. certifies that a Cost Allocation Manual (CAM) has been developed, pursuant to KRS 278.2205 as required in House Bill 897. This "CAM", originally effective on January 1, 2002, has been revised as detailed in this filing, effective April 1, 2008.



Robert M. Marshall
President & CEO

Chart of Accounts

Revenue and Expense Accounts

All revenues and expenses will be directly assigned where appropriate, otherwise, they will be allocated according to the cost allocation method identified below.

Acct	Description	Regulated	Non-Regulated	Direct Labor Hrs	Direct Labor Dollars	Occupancy	Miles Driven	Hours Used	Number of Equip Unit	Global Allocator	Comments
40100	Operation Expense	x									
40200	Maintenance Expense	x									
40300	Depr Exp Steam Trans Gen CB	x									
40310	Depr Exp Steam Prod Plnt Lab	x									
40311	Depr Exp Steam Prod Plnt Dale	x									
40312	Depr Exp Steam Prod Plnt Cooper	x									
40313	Depr Exp Steam Prod Plant CB	x									
40314	Depr Exp Steam Prod Plnt Spur 2	x									
403144	Depr Exp Steam Prod Plt Gilbert	x									
40315	Depr Exp Steam Prod Plnt SpurC	x									
40316	Depr Exp Diesel Generator	x									
40340	Depr Exp CT Common	x									
403406	Depr Exp CT Unit 6	x									
403407	Depr Exp CT Unit 7	x									
40341	Depr Exp CT Unit 1	x									
40342	Depr Exp CT Unit 2	x									
40343	Depr Exp CT Unit 3	x									
40344	Depr Exp CT Unit 4	x									
40345	Depr Exp CT Unit 5	x									
40346	Depr Exp Green Valley Landfill	x									
40347	Depr Exp Laurel Ridge Landfill	x									
40348	Depr Exp Bavarian Landfill	x									
403481	Depr Exp Hardin Co Landfill	x									
403482	Depr Exp Pendleton Co Landfill	x									
40349	Depr Exp Diesel Generator	x									
40350	Depr Exp Transmission Plant	x									
40351	Depr Exp Transmission Plant CB	x									
40360	Depr Exp Distribution Plant	x									
40361	Depr Exp Distribution Plant CB	x									
40370	Depr Exp General Plant	x									
40371	Depr Exp General Plant-CB	x									
40372	Depr Exp General Plant-Nonreg.		x								
40500	Amortization Intangible Plant	x									
40810	Taxes Property-Regulated	x									
40811	Taxes Property CB Spurlock 1	x									
40812	Taxes Property--Nonregulated		x								
40820	Taxes Federal Unemployment	x	x		x						
40830	Taxes FICA	x	x		x						
40840	Taxes State Unemployment	x	x		x						
40870	Taxes Other	x									
40900	Income Taxes-Regulated	x									
40901	Income Taxes-Nonregulated		x								
40902	Taxes - Indiana Dept of Revenue		x								
41180	Gain Disposition of Allowance	x									
41710	Expenses Nonutility Operations-Other/ACES		x	x	x	x	x				
41711	Expense from Nonutility Oper--Propane		x	x	x	x	x				
41712	Expense from Nonutility Oper--Envision		x	x	x	x	x				
41900	Interest and Dividend Income-Regulated	x									

Chart of Accounts

Revenue and Expense Accounts

All revenues and expenses will be directly assigned where appropriate, otherwise, they will be allocated according to the cost allocation method identified below.

Acct	Description	Regulated	Non-Regulated	Direct Labor Hrs	Direct Labor Dollars	Occupancy	Miles Driven	Hours Used	Number of Equip Unit	Global Allocator	Comments
41902	Interest and Dividend Income--Nonreg		x								
41910	Interest Inc Inland Container	x									
41911	Allowance Other Funds used Const	x									
42100	Misc Income Interest--Reg	x									
42101	Misc Income Interest--Nonreg		x								
42102	Misc Income Other Regulated	x									
42110	Gain Disposition of Property--Reg	x									
42111	Gain Disposition of Property--Nonreg		x								
42120	Loss Disposition of Property--Reg	x									
42121	Loss Disposition of Property--Nonreg		x								
42400	Oth Cap Cred Patr Cap Alloc	x									
42610	Donations	x									
42620	Life Insurance	x									
42630	Penalties	x									
42640	Civic and Political Activities	x									
42650	Other Deductions-Regulated	x									
42651	Discount Lost	x									
42652	Other Deductions Nonregulated		x								
42710	Interest RUS Construction Loan	x									
42711	Interest RUS Const Loan CB	x									
42712	Interest on FFB Const Loan	x									
42713	Int Oth LTD CFC Cr Facility	x									
427131	Int Oth LTD Sr Cr Facility	x									
42714	Int Oth LTD CFC ETC's	x									
42715	Int Oth LTD CFC-CT6-7 Bridge	x									
427151	Int Oth LTD CFC-CT8-12	x									
42716	Int Oth LTD CFC-CT6-7 Br CTC	x									
427161	Int Oth LTD CFC-CT8-12 CTCs	x									
42717	Int Oth LTD CFC T62	x									
42718	Int Oth LTD CFC R12	x									
42719	Int Oth LTD NCSC Inland	x									
42720	Int Oth LTD CFC P12 Loan	x									
42721	Interest-Oth Ltd-Exp-CFC CB	x									
42723	Int Oth LTD CFC CTC Invest	x									
42725	Int Oth LTD Smith Poll Control	x									
42727	Int Oth LTD Cooper PCB	x									
42729	Int Oth LTD Spur Poll Control	x									
427291	Int Oth LTD CREB	x									
42730	Int Chrg Const CR FFB RUS	x									
42731	Int Chrg Const CR CT	x									
42802	Amrt Dbt Disc Exp Spur PCB ISS	x									
42803	Amrt Dbt Disc Exp Smth PCB ISS	x									
42804	Amrt Dbt Exp Repricing Premium	x									
42805	Amrt Dbt Disc Exp Coop PCB ISS	x									
42806	Amrt Dbt Exp Sr Cr Fac	x									
42807	Amrt Dbt Exp CREB	x									
43100	Other Interest Expenses-Reg	x									
43101	Other Interest Expenses-Nonreg		x								

Chart of Accounts

Revenue and Expense Accounts

All revenues and expenses will be directly assigned where appropriate, otherwise, they will be allocated according to the cost allocation method identified below.

Acct	Description	Regulated	Non-Regulated	Direct Labor Hrs	Direct Labor Dollars	Occupancy	Miles Driven	Hours Used	Number of Equip Unit	Global Allocator	Comments
44710	Sales Resale RUS Borr Mbr Coop	x									
44711	Sales Resale RUS Borr Off Sys	x									
44713	Sales-Resale-Mbr Co-op Green Power	x									
44720	Sales Resale NON RUS Off Sys	x									
45100	Miscellaneous Service Revenues-Reg	x									
45101	Miscellaneous Service Revenues-Nonreg		x								
45401	Rent From Electric Property--Reg	x									
45402	Rent From Electric Property--Nonreg		x								
45600	Oth Elect Rev Wheeling	x									
45601	Oth Elect Rev TVA Monticello	x									
45602	Oth Elect Rev Bedford Sub	x									
45603	Oth Elect Rev Sales Tax Compen	x									
45604	Oth Elect Rev Misc	x									
45605	Oth Elect Rev Zula Sub Rent	x									
45606	Oth Elect Rev Steam Inland Con	x									
45609	Oth Elect Rev Facility Chg Gal	x									
45610	Oth Elect Rev Wheeling Gallati	x									
45612	Oth Elect Rev Chg Tay	x									
45613	Oth Elect Rev Chg Fle	x									
45614	Oth Elect Rev Big Sandy Inez69	x									
45632	Oth Rev Oth Tran NonFirm Pt P	x									
45633	Oth Rev Oth Tran Anc Srv 3_1	x									
45634	Oth Rev Oth Tran Anc Svc 3_2	x									
50020	Operation Supr Engr Dale	x									
50030	Operation Supr Engr Cooper	x									
50040	Operation Supr Engr Splk	x									
50041	Operation Supr Engr Splk 1	x									
50042	Operation Supr Engr Splk 2	x									
50043	Operation Supr Engr Scrubber	x									
50044	Oper Supr Engr Gilbert	x									
50120	Fuel Coal Dale	x									
50121	Fuel Oil Dale	x									
50130	Fuel Coal Cooper	x									
50131	Fuel Oil Cooper	x									
50132	Fuel - Other - Cooper	x									
50141	Fuel Coal Splk 1	x									
50142	Fuel Coal Splk 2	x									
50144	Fuel Coal Gilbert	x									
50145	Fuel TDF Gilbert	x									
50146	Fuel Oil Splk 1	x									
50147	Fuel Oil Splk 2	x									
50148	Fuel Oil Gilbert	x									
50220	Steam Expenses Dale	x									
50230	Steam Expenses Cooper	x									
50240	Steam Expenses Spurlock	x									
50241	Steam Expenses Splk 1	x									
50242	Steam Expenses Spurlock 2	x									
50243	Steam Expenses Scrubbers	x									

Chart of Accounts

Revenue and Expense Accounts

All revenues and expenses will be directly assigned where appropriate, otherwise, they will be allocated according to the cost allocation method identified below.

Acct	Description	Regulated	Non-Regulated	Direct Labor Hrs	Direct Labor Dollars	Occupancy	Miles Driven	Hours Used	Number of Equip Unit	Global Allocator	Comments
50244	Steam Expenses Gilbert	x									
50520	Electric Expenses Dale	x									
50530	Electric Expenses Cooper	x									
50540	Electric Expenses Spurlock	x									
50541	Electric Expenses Spurlock 1	x									
50542	Electric Expenses Spurlock 2	x									
50544	Electric Expenses Gilbert	x									
50620	Misc Steam Power Exp Dale	x									
50621	Misc Steam Power Exp Env Dale	x									
50625	Misc Steam Power Expenses	x									
50630	Misc Steam Power Exp Cooper	x									
50631	Misc Steam Power Exp Env Cpr	x									
50640	Misc Steam Power Exp Spurlock	x									
50641	Misc Steam Power Exp Spurlck 1	x									
50642	Misc Steam Power Exp Spurlck 2	x									
50643	Misc Steam Power Exp Scrubbers	x									
50644	Misc Steam Power Exp Gilbert	x									
506444	Misc Steam Power Exp Env Gilbert	x									
50645	Misc Steam Power Exp Env Splk Com	x									
50646	Misc Steam Power Exp Env Splk 1	x									
50647	Misc Steam Power Exp Env Splk 2	x									
50648	Misc Steam Power Exp Env Scrubbers	x									
50920	Allowances Dale	x									
50930	Allowances Cooper	x									
50940	Allowances Spurlock	x									
50944	Allowances Gilbert	x									
50950	Allowances Smith	x									
51020	Main Superv Engr Dale	x									
51030	Maint Superv Engr Cooper	x									
51040	Maint Superv Engr Spurlock	x									
51041	Maint Superv Engr Spurlock 1	x									
51042	Maint Superv Engr Spurlock 2	x									
51043	Maint Superv Engr Scrubbers	x									
51044	Maint Superv Engr Gilbert	x									
51110	Maint Of Structures Centrl Lab	x									
51120	Maint Of Structures Dale	x									
51130	Maint Of Structures Cooper	x									
51140	Maint Of Structures Spurlock	x									
51141	Maint Of Structures Spurlock 1	x									
51142	Maint Of Structures Spurlock 2	x									
51143	Maint Of Structures Scrubbers	x									
51144	Maint Of Structures Gilbert	x									
51220	Maint of Boiler Plant Dale	x									
51230	Maint Of Boiler Plant Cooper	x									
51240	Maint of Boiler Plant Spurlock	x									
51241	Maint Of Boiler Plant Spurlock	x									
51242	Maint of Boiler Plant Spurlock	x									
51243	Maint of Boiler Plant Scrubber	x									

Chart of Accounts

Revenue and Expense Accounts

All revenues and expenses will be directly assigned where appropriate, otherwise, they will be allocated according to the cost allocation method identified below.

Acct	Description	Regulated	Non-Regulated	Direct Labor Hrs	Direct Labor Dollars	Occupancy	Miles Driven	Hours Used	Number of Equip Unit	Global Allocator	Comments
51244	Maint of Boiler Plant Gilbert	x									
51320	Maint Of Electric Plant Dale	x									
51330	Maint Of Electric Plant Cooper	x									
51340	Maint of Electric Plant Spurlk	x									
51341	Maint Of Electric Plant Spurlk	x									
51342	Maint Of Electric Plant Splk 2	x									
51343	Maint Of Electric Plant Scrubb	x									
51344	Maint Of Electric Plant Gilbert	x									
51410	Maint Of Misc Steam Plant Lab	x									
51420	Maint Of Misc Steam Plant Dale	x									
51430	Maint Of Misc Steam Plant Cpr	x									
51440	Maint Of Misc Steam Plant Splk	x									
51442	Maint Of Misc Steam Plant Splk	x									
51443	Maint Of Misc Steam Plant Scru	x									
51444	Maint Of Misc Steam Plant Gilbert	x									
54651	Operation Superv Engr CT	x									
54661	Other Supv Engr - Landfill Gas	x									
54710	Fuel Diesel Generator	x									
54711	Fuel CT Oil	x									
54712	Fuel Diesel Generator Cooper	x									
54721	Fuel CT Gas	x									
54761	Fuel Landfill Gas / Meth Gas	x									
54851	Generation Expense CT	x									
54861	Generation Expense Landfill Gas	x									
54900	Misc Oth Pwr Generation Exp DG	x									
54951	Misc Oth Power Genr Exp CT	x									
54961	Environmental Expense CT	x									
54962	Environmental Expense Landfill	x									
54963	Misc Oth Pwr Gen Exp - Landfill	x									
55000	Rents Other Power Generation	x									
55151	Maint Super Engr CT	x									
55161	Maint Super Engr_Landfill Gas	x									
55251	Maintenance of Structures	x									
55261	Maintenance of Structures LG	x									
55300	Maint Gen Elect Equipment DG	x									
55351	Maint Gen Elect Eq CT	x									
55361	Maint Gen Elec Eq Landfill Gas	x									
55451	Maint Misc Oth Pwr Gen Plant	x									
55500	Purchased Power	x									
55600	System Control Load Dispatch	x									
55700	Long-Term Power Supply Expenses	x									
55701	Oth Exp Load Forecasting	x									
55702	Other Expense - Broker Fees	x									
56000	Oper Supv and Engineering	x									
56100	Load Dispatch Transmission	x									
56200	Station Expenses	x									
56300	Overhead Line Expenses	x									
56500	Trans Elect by Others	x									

Chart of Accounts

Revenue and Expense Accounts

All revenues and expenses will be directly assigned where appropriate, otherwise, they will be allocated according to the cost allocation method identified below.

Acct	Description	Regulated	Non-Regulated	Direct Labor Hrs	Direct Labor Dollars	Occupancy	Miles Driven	Hours Used	Number of Equip Unit	Global Allocator	Comments
56501	Trans Elect Oth KU Gallatin	x									
56600	Misc Trans Expenses	x									
56700	Rents	x									
56800	Maint Supv and Engineering	x									
57000	Maint Station Equipment	x									
57100	Maint OH Lines Line Maint	x									
57300	Maint Misc Transmission Plant	x									
58100	Load Dispatch Distribution	x									
58200	Distribution Station Expenses	x									
59200	Maint of Dist Station Eq	x									
90400	Uncollectible Accounts	x									
90700	Supervision-Regulated	x									
90800	Customer Assistance-Regulated	x									
90900	Info/Instruct Ad-Safety, Technology, Conservation	x									
91000	Info/Instruct Ad--Environmental Education - Reg	x									
91300	Advertising Expenses - Regulated	x									
92000	Administrative General Salaries	x		x	x	x	x				
92100	GA Office Supplies & Expenses	x		x	x	x	x				
92300	Outside Services - Regulated	x									
92301	Outside Services - Nonregulated		x								
92400	Property Insurance	x								x	
92500	Injuries and Damages	x			x						
92600	Employee Pensions Benefits	x		x	x						
92800	PSC Annual Assessment	x									
92900	Dupl Chgs Cr Elect HD WH	x									
92932	Oth Rev EKPC Tran NonFrm Pt Pt	x									
92933	Oth Rev EKPC Tran Anc Svc 3_1	x									
92934	Oth Rev EKPC Tran Anc Svc 3_2	x									
92940	Oth Rev Internal Trans Reserv	x									
93010	General Advertising Expenses	x									
93020	Misc Gen Exp Directors Fees	x		x	x						
93021	Misc General Exp Dues-Reg.	x									
93022	Misc Gen Exp Mbr Public Rel-Reg	x		x	x	x	x				
93023	Misc Gen Exp Tax Ins Alloc	x									
93025	Misc Gen Exp Labor Exp RD-Regulated	x									
93026	Misc Gen Exp RD-Wastewater Services - Reg	x									
93500	Maint General Plant Winchester	x				x					

Summary of Changes - EKPC Cost Allocation Manual (CAM)

East Kentucky Power has not added any new non-regulated activities in the past year. EKPC has made some changes to the chart of accounts portion of the CAM as a result of its review of business and accounting practices.

All changes to the Cost Allocation Manual are listed below:

Page 5 - Envision's main office space has moved.

Page 8 - Adoption Statement with current date.

Beginning Page 9 - Chart of Accounts

The following accounts have been added:

403482	Depr Exp Pendleton Co Landfill
427291	Int Oth LTD CREB
42807	Amrt Dbt Exp CREB
45614	Oth Elect Rev Big Sandy Inez69
50132	Fuel - Other - Cooper

RECEIVED

MAR 28 2008

**PUBLIC SERVICE
COMMISSION**

EAST KENTUCKY POWER COOPERATIVE, INC.

**UPDATED INFORMATION TO BE FILED ANNUALLY AS SUPPLEMENT TO THE
ANNUAL REPORT**

AS ORDERED on October 7, 2005 in the CLOSED PSC ADMINISTRATIVE CASE 387

PUBLIC SERVICE COMMISSION'S REQUEST DATED 12/20/01

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

**A REVIEW OF THE ADEQUACY OF
KENTUCKY'S GENERATION
CAPACITY AND TRANSMISSION
SYSTEM**

**) ADMINISTRATIVE
) CASE NO. 387**

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC ADMINISTRATIVE CASE 387

PUBLIC SERVICE COMMISSION'S REQUEST DATED 12/20/01

East Kentucky Power Cooperative, Inc. (EKPC) hereby submits responses to the information requests contained in Appendix G to the Order of the Public Service Commission ("PSC") in this case dated December 20, 2001, as subsequently revised by Orders dated March 29, 2004 and October 7, 2005. Each response with its associated supportive reference materials is individually tabbed.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 1

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 1. This request has been eliminated as a result of the Order issued by the Commission in March 2004 pertaining to this case.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 2

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 2. This request has been eliminated as a result of the Order issued by the Commission in March 2004 pertaining to this case.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 3

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 3. Actual and weather-normalized coincident peak demands for the just completed calendar year. Demands should be disaggregated into (a) native load demand (firm and non-firm) and (b) off-system demand (firm and non-firm).

Response 3a.

Monthly Native Load Peak Demands for 2007		
	Actual (Firm and Non-Firm) (MW)	Weather Adjusted (Firm and Non-Firm) (MW)
January	2,801	2,992
February	2,840	2,848
March	2,200	2,314
April	2,038	1,989
May	1,840	1,835
June	2,026	1,997
July	2,174	2,271
August	2,481	2,423
September	2,155	2,137
October	1,888	1,919
November	2,189	2,230
December	2,386	2,585

Response 3b. EKPC had no off-system demand obligations during the calendar year 2007.

**EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING**

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

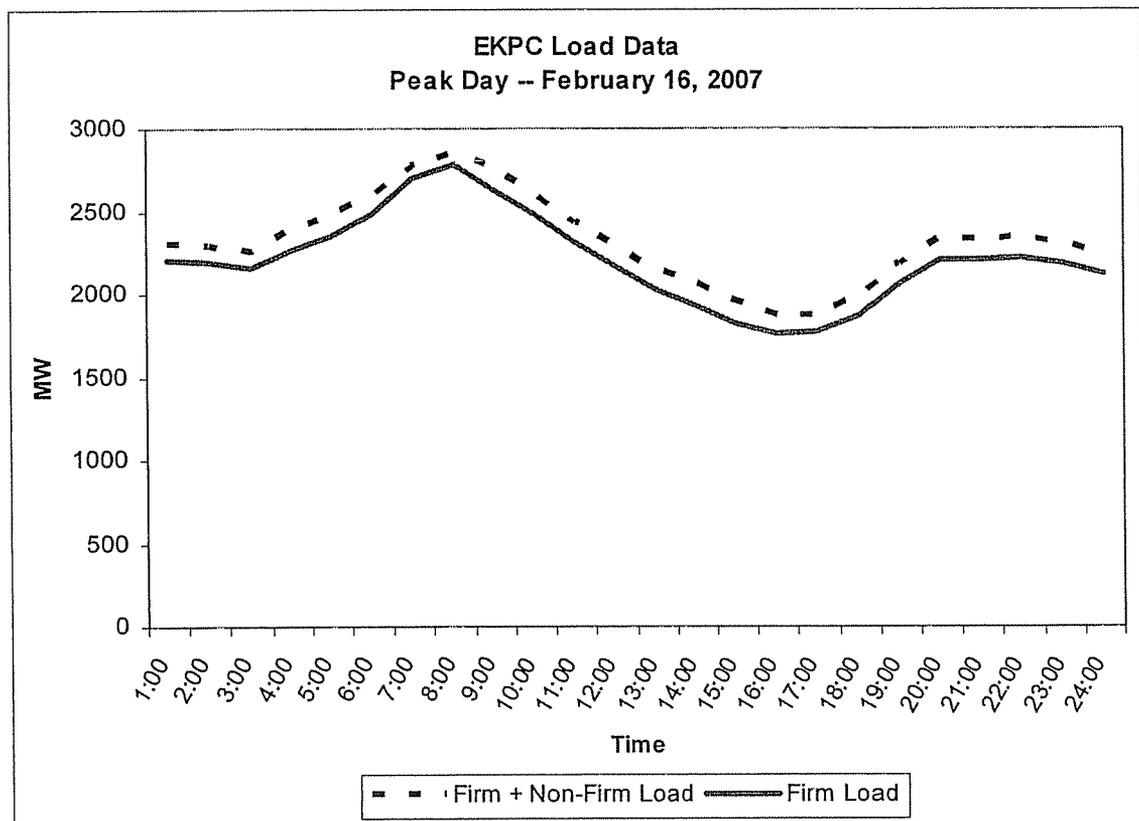
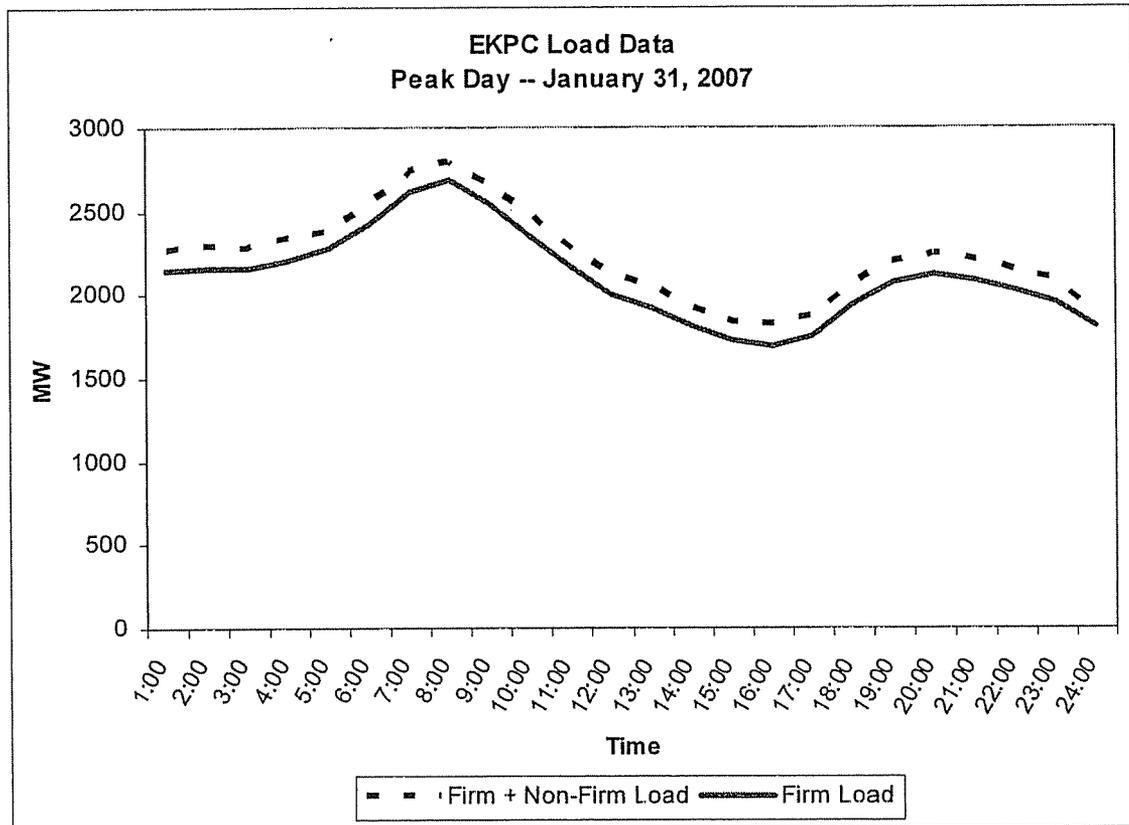
REQUEST 4

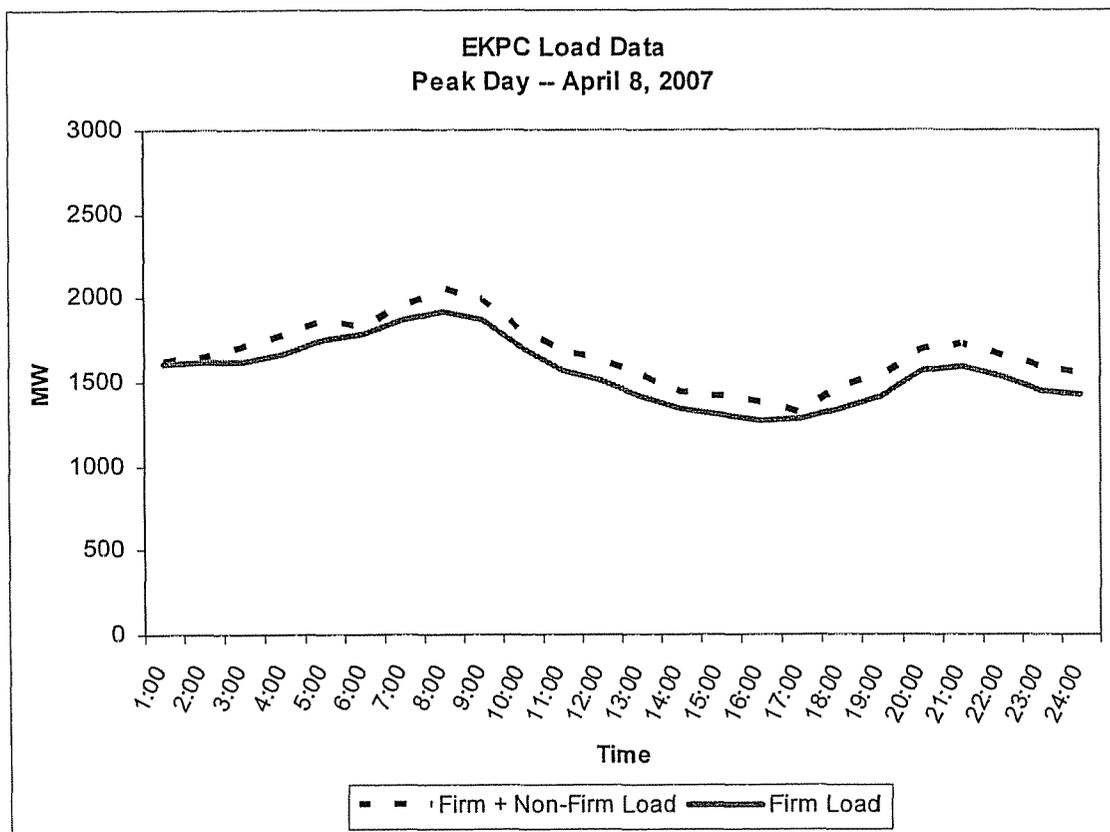
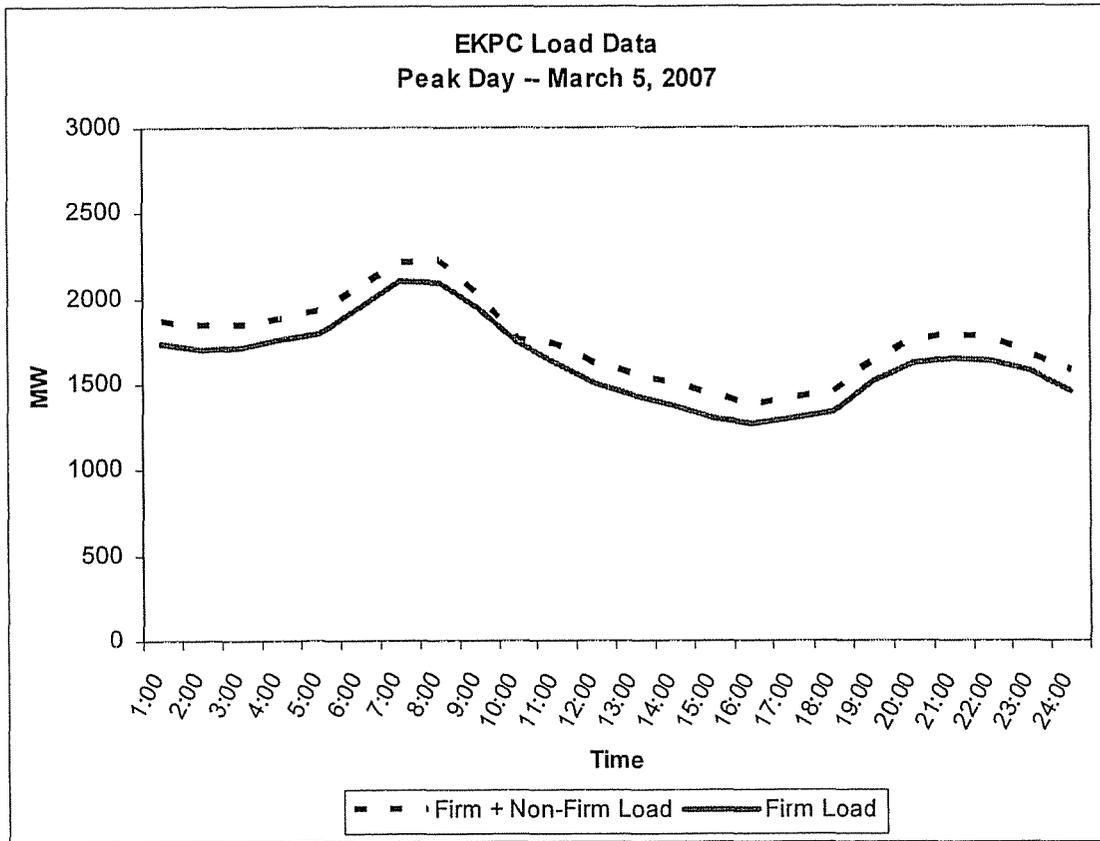
RESPONSIBLE PERSON: James C. Lamb, Jr.

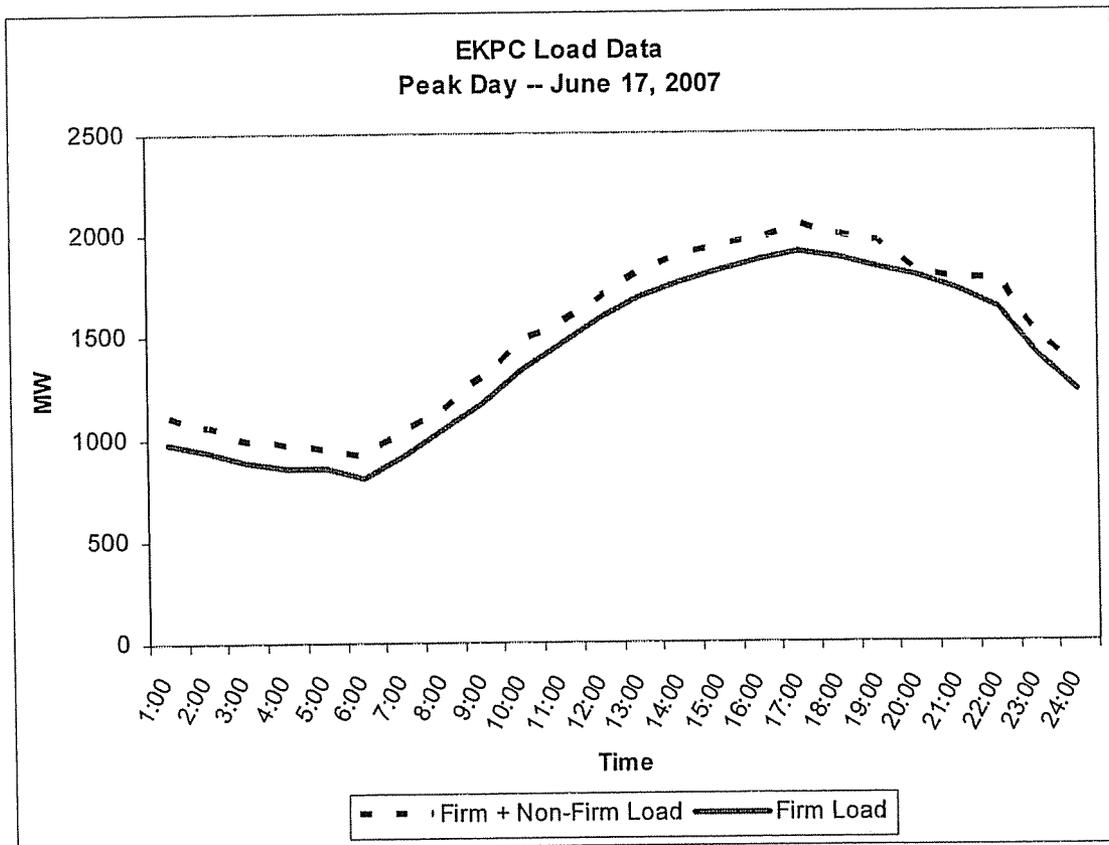
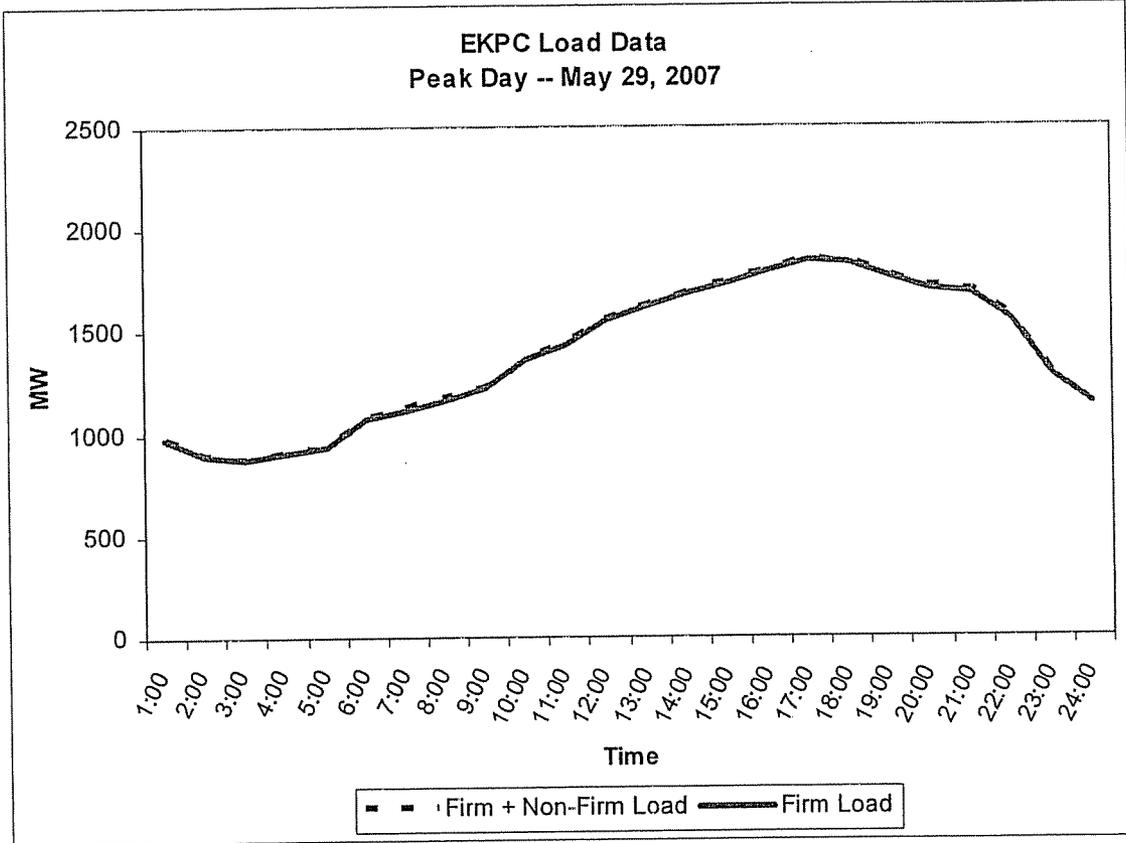
COMPANY: East Kentucky Power Cooperative, Inc.

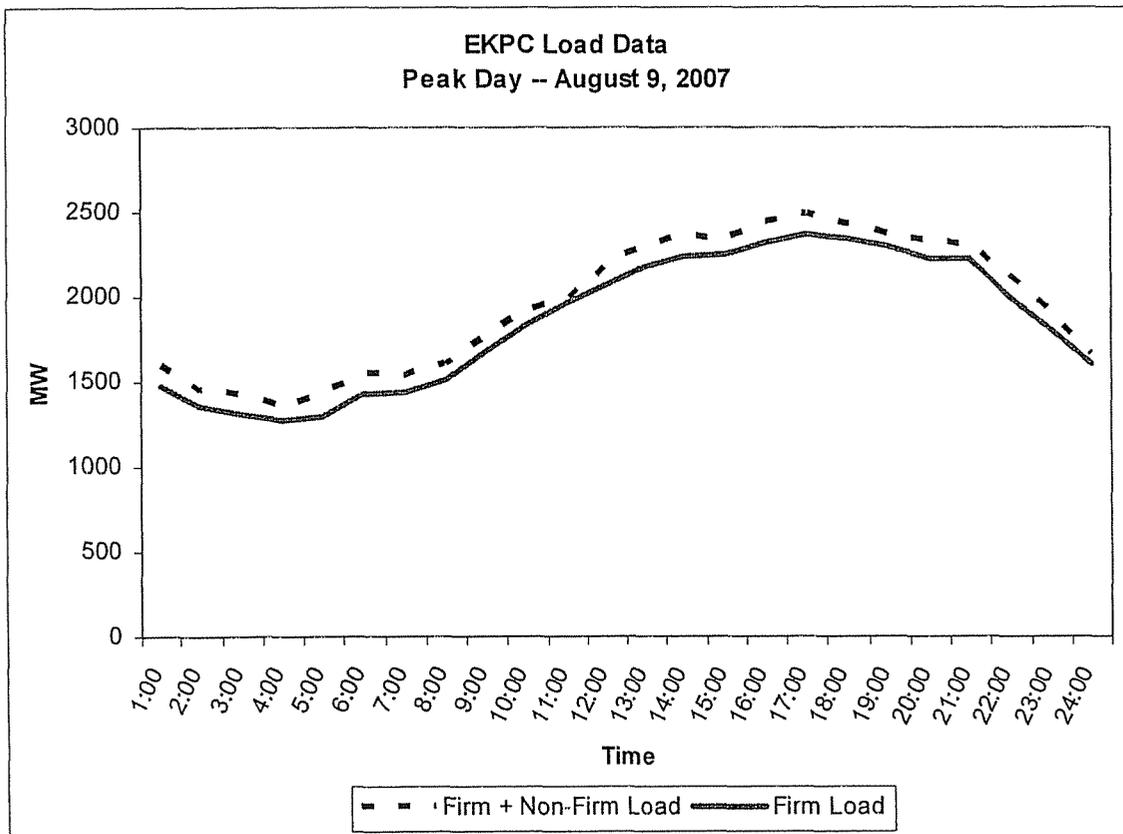
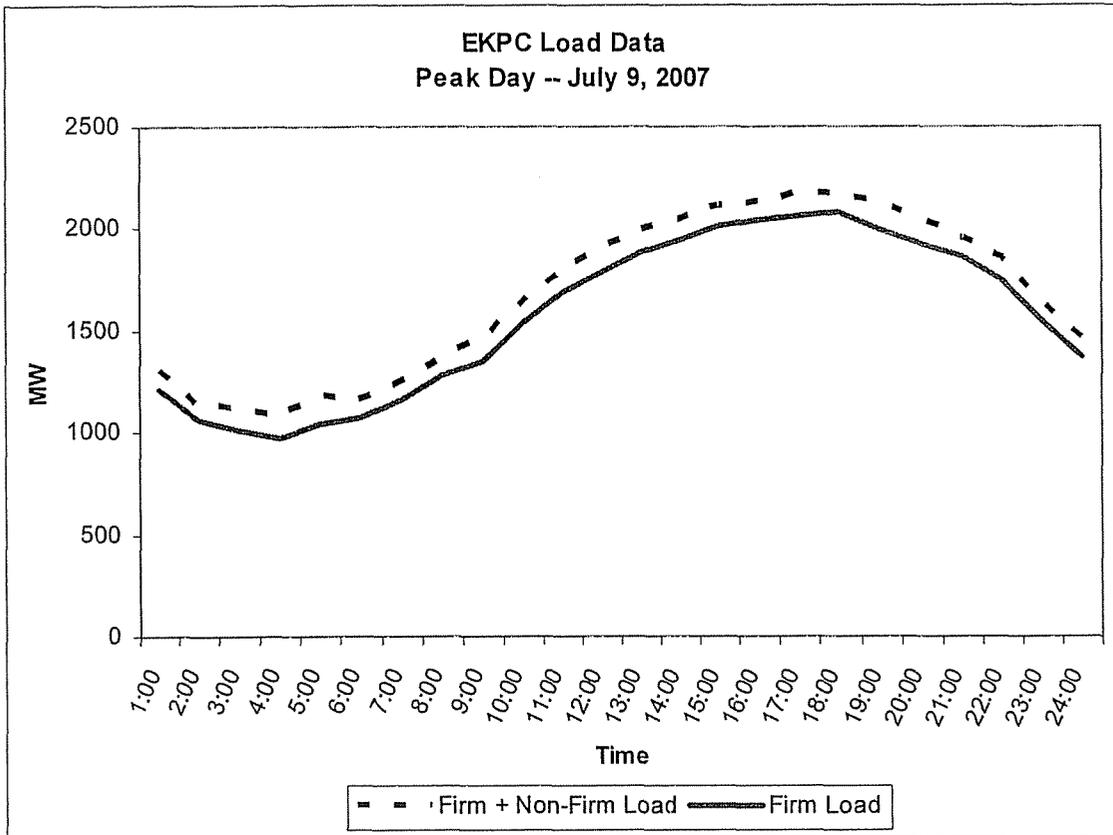
Request 4. Load shape curves that show actual peak demands and weather-normalized peak demands (native load demand and total demand) on a monthly basis for the just completed calendar year.

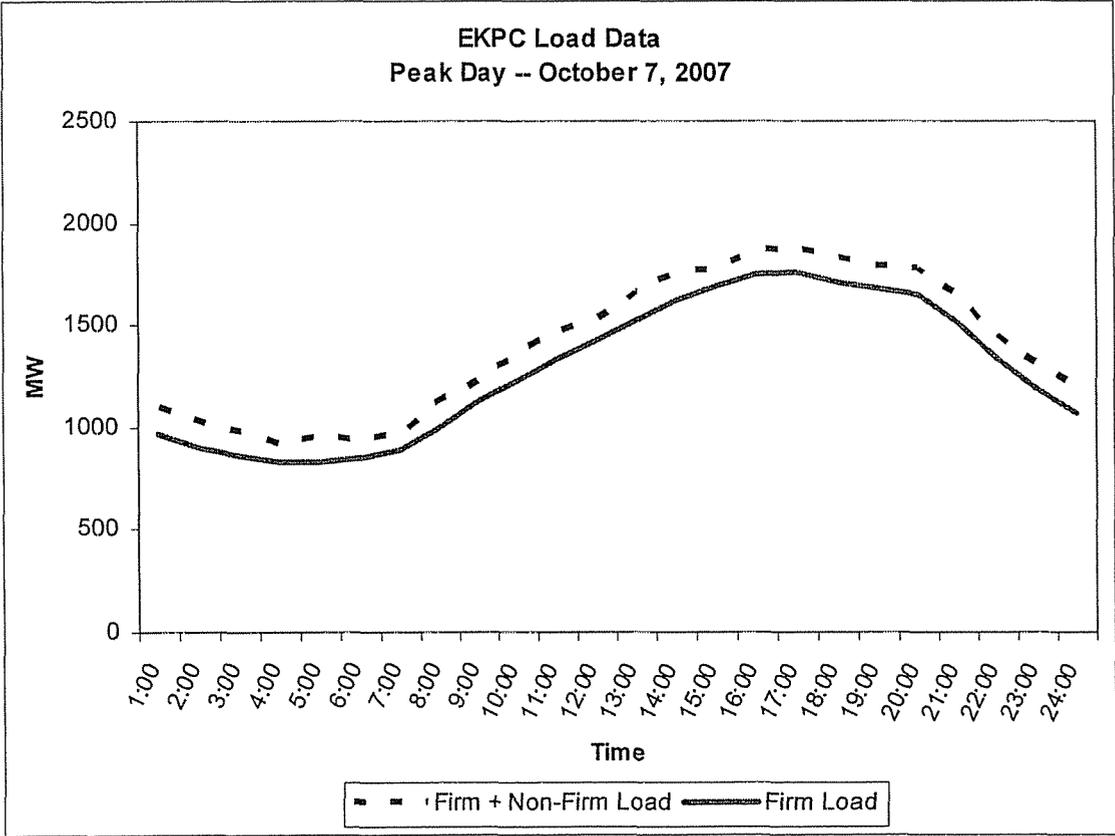
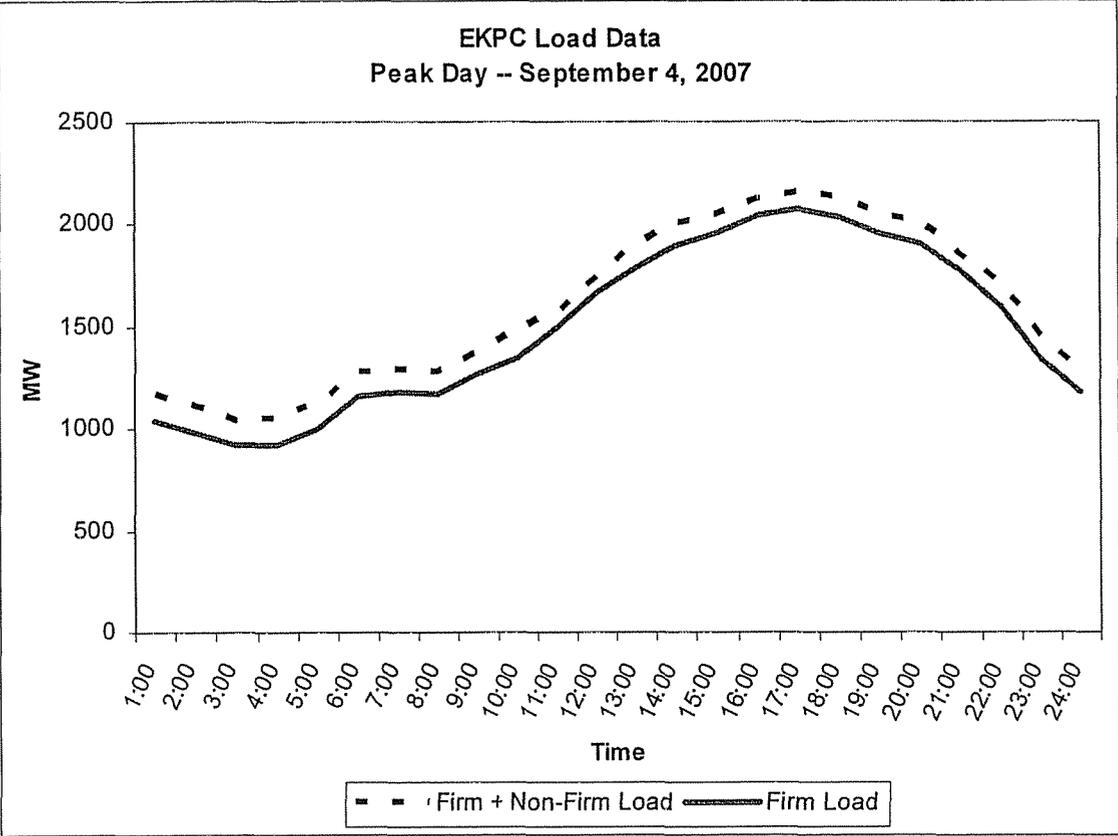
Response 4. Actual monthly peak day load shapes are presented on the following pages. EKPC makes an analysis to weather normalize the peak hour but EKPC does not weather adjust the peak day load shapes.

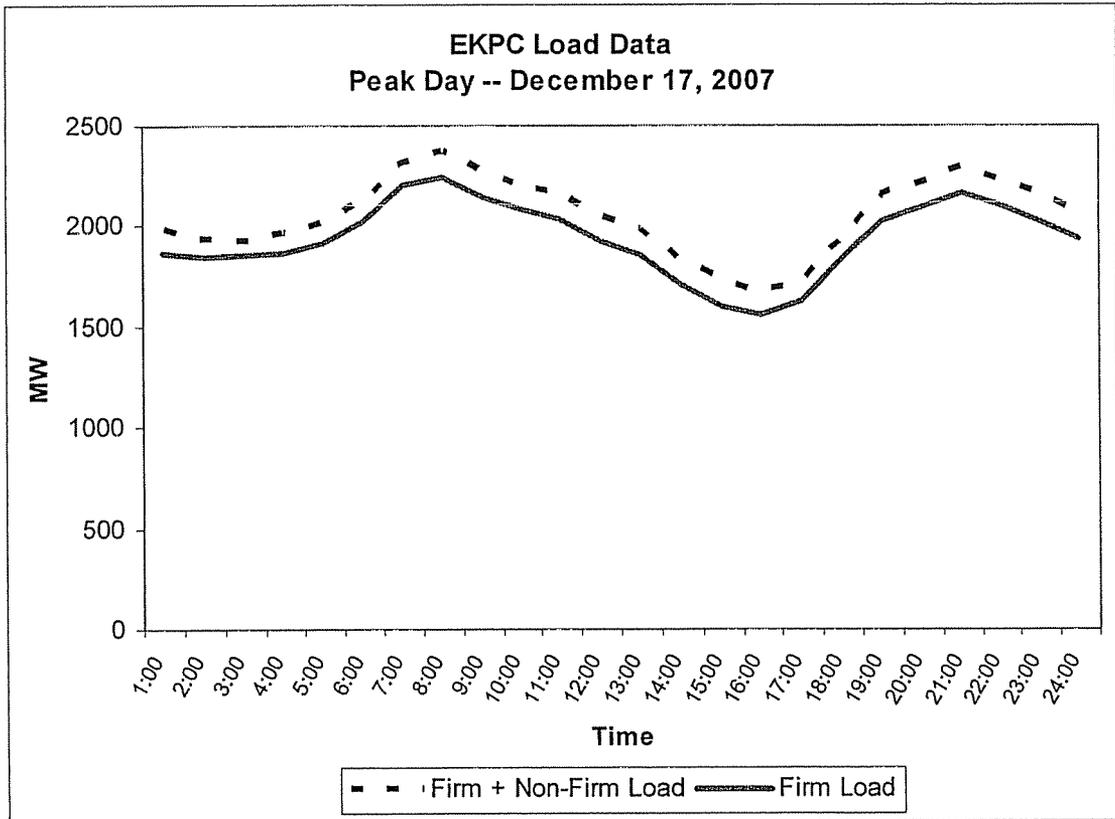
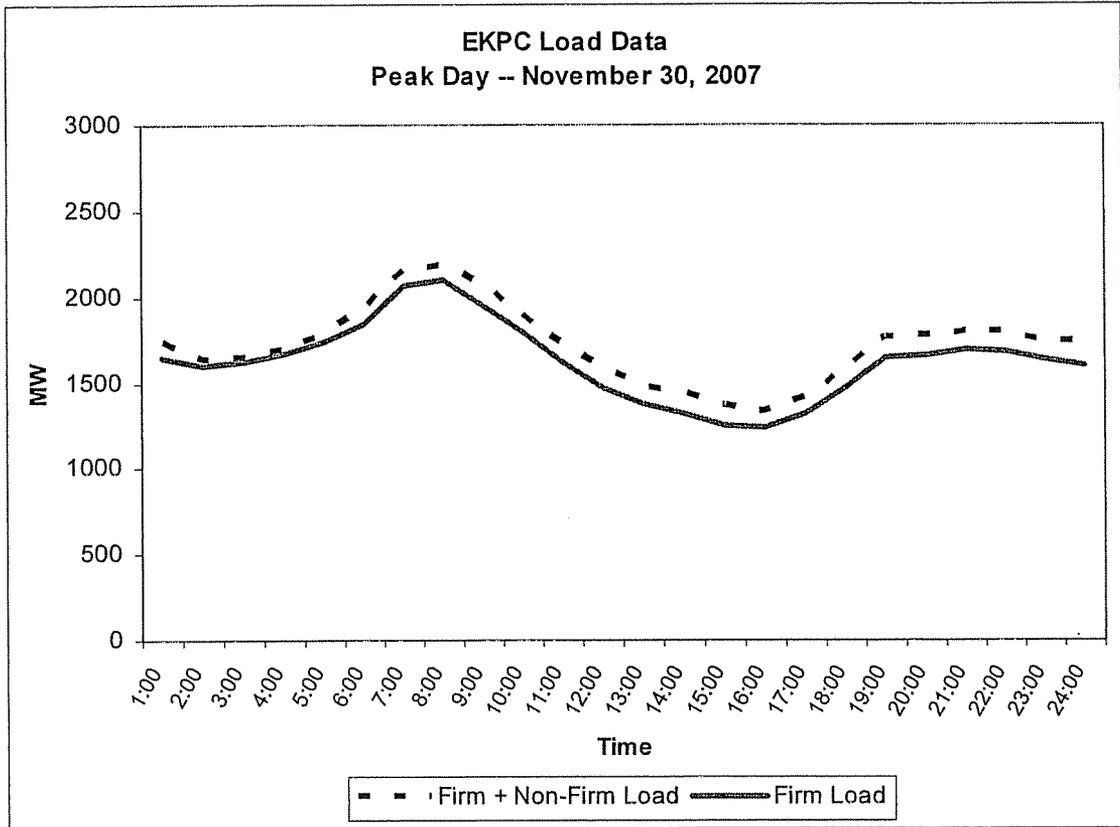












EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01
REQUEST 5

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 5. This request has been eliminated as a result of the Order issued by the Commission in March 2004 pertaining to this case.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 6

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 6. Based on the most recent demand forecast, the base case demand and energy forecasts and high case demand and energy forecasts for the current year and the following four years. The information should be disaggregated into (a) native load (firm and non-firm demand) and (b) off-system load (both firm and non-firm demand).

Response 6a. EKPC prepares a high case and low case forecast to bracket its base case forecast. The ranges are shown in the table below. These numbers are firm native load only. EKPC does not prepare range forecasts for non-firm native load.

Total Winter Peak Demand (MW)			Total Summer Peak Demand (MW)			Total Requirements (MWh)					
Season	Low Case	Base Case	High Case	Year	Low Case	Base Case	High Case	Year	Low Case	Base Case	High Case
2007 - 08	2,486	2,856	3,207	2008	1,991	2,289	2,541	2008	12,193,214	13,399,136	14,471,067
2008 - 09	2,568	2,950	3,312	2009	2,051	2,358	2,617	2009	12,530,184	13,769,433	14,870,988
2009 - 10	2,639	3,033	3,397	2010	2,111	2,419	2,681	2010	12,866,193	14,138,674	15,269,768
2010 - 11	2,709	3,106	3,479	2011	2,152	2,473	2,739	2011	13,160,142	14,461,695	15,618,631
2011 - 12	2,761	3,173	3,551	2012	2,194	2,522	2,787	2011	13,404,639	14,730,373	15,908,803

Response 6b. EKPC is projecting no off-system demands.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01
REQUEST 7

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 7. The target reserve margin currently used for planning purposes, stated as a percentage of demand. If changed from what was in use in 2001, include a detailed explanation of the change.

Response 7. The target reserve margin currently used for planning purposes is 12%. EKPC has been using a 12% reserve margin for several years, but in 2006 a change was made in how the 12% was used. EKPC had previously added long term resources or resources available all year to meet a 12% reserve margin based on the summer peak. Any additional resources needed to meet the winter peak and provide an adequate level of reserves were purchased on a seasonal or short-term basis. Since firm transmission for importing power has become more difficult to acquire, and power market prices during the winter have increased considerably over the last few years, EKPC has changed to a strategy of adding long-term resources based on a 12% reserve margin applied to the winter peak. More detail on this subject was provided in EKPC's 2006 Integrated Resource Plan, filed with the Commission on October 21, 2006, beginning on page 8-65.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 8

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 8. Projected reserve margins stated in megawatts and as a percentage of demand for the current year and the following 4 years. Identify projected deficits and current plans for addressing these. For each year identify the level of firm capacity purchases projected to meet native load demand.

Response 8. The tables below and associated notes show the projected reserve margins, capacity needs, and plans to address the needs.

Year	Reserve Margin ¹ (%)		Reserve Margin ¹ (MW)		Committed Firm Purchases (MW)		Additional Purchases Needed to Meet Reserve Margin (MW)	
	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM
2008	-6.6%	7.7%	-188	176	35	40	495	60
2009	-6.6%	27.1%	-195	634	35	40	515	0
2010	6.2%	23.6%	187	566	35	40	145	0
2011	2.7%	19.3%	82	475	0	0	290	0
2012	3.3%	30.8%	105	771	0	0	270	0

Year	Total Firm Purchases (Committed + Needed) Used to Meet Reserve Margin (MW)	
	WIN	SUM
2008	530	100
2009	550	40
2010	180	40
2011	290	0
2012	270	0

Notes:

1. Reserve margins include existing resources and the following committed resources: Spurlock 4, Smith CTs 8-9, and Smith CFB 1 listed in Response 12. Existing and committed landfill gas generation projects are included.

EKPC received Certificates of Convenience and Necessity and Site Compatibility for construction of Spurlock 4 (PSC Case 2004-00423) and Smith CFB 1 and Smith CTs 8-12 (PSC Case 2005-00053). Due to Warren RECC's decision to return to TVA as its power supplier, the Commission opened Case No. 2006-00564 to consider the re-certification of the units mentioned above. EKPC's current plans are to build the two baseload units and two of the five CTs originally certificated. The Commission has not yet issued a decision in Case No. 2006-00564. These capacity additions are shown in Response 12, and will bring EKPC's reserve margin up close to its 12% target reserve margin by 2013. Seasonal purchases, primarily in winter, will likely be needed until these units reach commercial operation.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 9

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 9. This request has been eliminated as a result of the Order issued by the Commission in March 2004 pertaining to this case.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/2001
REQUEST 10

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 10. This request has been eliminated as a result of the Order issued by the Commission in March 2004 pertaining to this case.

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/2001
REQUEST 11

RESPONSIBLE PERSON: James C. Lamb, Jr.
COMPANY: East Kentucky Power Cooperative, Inc.

Request 11. A list that identifies scheduled outages or retirements of generating capacity during the current year and the following four years.

Response 11. See Below – There are no retirements of generating capacity anticipated through 2012.

Dale Unit 1

2008	More than 4 weeks
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Dale Unit 2

2008	More than 4 weeks
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Dale Unit 3

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Dale Unit 4

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT1

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT2

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT3

2008	More than 4 weeks
------	-------------------

2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT4

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT5

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT6

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT7

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less

2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT8

2008	-----
2009	-----
2010	-----
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT9

2008	-----
2009	-----
2010	-----
2011	4 weeks or less
2012	4 weeks or less

J.K. Smith CT10

2008	-----
2009	-----
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Cooper 1

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Cooper 2

2008	4 weeks or less
2009	4 weeks or less
2010	More than 4 weeks
2011	4 weeks or less
2012	4 weeks or less

Spurlock 1

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Spurlock 2

2008	More than 4 weeks
2009	More than 4 weeks
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Gilbert 3

2008	4 weeks or less
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Spurlock 4

2008	-----
2009	4 weeks or less
2010	4 weeks or less
2011	4 weeks or less
2012	4 weeks or less

Smith CFB1

2008	-----
2009	-----
2010	-----
2011	-----
2012	4 weeks or less

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 12

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 12. Identify all planned base load or peaking capacity additions to meet native load requirements over the next 10 years. Show the expected in-service date, size and site for all planned additions. Include additions planned by the utility, as well as those by affiliates, if constructed in Kentucky or intended to meet load in Kentucky.

Response 12. The following table shows planned baseload and peaking additions to meet native load for the next 10 years.

Project	Capacity Type	In Service Date	Capacity (MW)	Location
Landfill Gas Projects ¹	Baseload	Various	up to 35 additional	Various
Smith CT 8-9	Peaking	Jun 2009	98 each (Winter Rating)	J. K. Smith Site Trapp, KY
Spurlock 4	Baseload	Apr 2009	278	Spurlock Site Maysville, KY
Smith CFB 1	Baseload	Jun 2012	278	J. K. Smith Site Trapp, KY
Smith CT 10	Peaking	Oct 2012	98 each (Winter Rating)	J. K. Smith Site Trapp, KY
Smith CT 11	Peaking	Oct 2013	98 each (Winter Rating)	J. K. Smith Site Trapp, KY
Smith CT 12	Peaking	Oct 2014	98 each (Winter Rating)	J. K. Smith Site Trapp, KY
New CT 1	Peaking	Oct 2016	98 each (Winter Rating)	Undetermined
New Baseload	Baseload	Oct 2016	278	Undetermined

EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01
REQUEST 13

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

Request 13. The following transmission energy data for the just completed calendar year and the forecast for the current year and the following four years:

Request 13a. Total energy received from all interconnections and generation sources connected to the transmission system.

Request 13b. Total energy delivered to all interconnections on the transmission system.

Response 13a & 13b.

Forecast of Net Receipts and Deliveries reflect resources in addition to generation required to serve EKPC native load. EKPC does not have forecasted receipts and deliveries resulting from transfers over its transmission system. (See Next Page).

	Actual MWh <u>2007</u>	Forecast MWh <u>2008</u>	Forecast MWh <u>2009</u>	Forecast MWh <u>2010</u>	Forecast MWh <u>2011</u>
Receipts	11,117,617				
Deliveries	9,555,823				
Net Rec. & Deliveries	1,561,794	1,389,659	874,967	645,513	120,011
Generation	<u>11,473,752</u>	<u>11,856,411</u>	<u>12,729,417</u>	<u>13,423,928</u>	<u>14,262,666</u>
Load	<u>13,035,546</u>	<u>13,246,070</u>	<u>13,604,384</u>	<u>14,069,441</u>	<u>14,382,677</u>

Request 13c. Peak load capacity of the transmission system.

Response 13c. The transmission capacity of a grid system changes constantly based on factors like generation dispatch, ambient temperature, load characteristics, contingencies, transfers, etc. EKPC's transmission system is planned and constructed to deliver all of its generation resources to its native load delivery points during forecasted summer and winter peak load conditions. EKPC's transmission system is also designed to accommodate an outage of a single transmission facility and/or generating unit. Other than simulation of imports into EKPC to replace an outage of a single generating unit, the transfers used in the EKPC transmission planning process are those modeled in the NERC MMWG models, which are typically the long-term firm transactions known at the time of the development of the models.

Regional transfer studies have identified limits for north to south transfers that range from 0 MW to 5000 MW, depending on the specific source generators, season, etc. Voltage studies have shown that possible voltage collapse on the EKPC system is possible during these transfer conditions. The following facilities have been identified in recent studies and/or during actual operating experience as possible limiting facilities on the EKPC transmission system:

- The Avon 345-138 kV Transformer (EKPC)
- The Avon-Loudon Avenue 138 kV Circuit (EKPC-LGEE)
- The Blue Lick-Bullitt County 161 kV Circuit (LGEE-EKPC)
- The Dale-Three Forks-Fawkes 138 kV Circuit (EKPC)
- The J.K. Smith-Powell County 138 kV Circuit (EKPC)
- The Lebanon-Marion County 138 kV Circuit (LGEE-EKPC)
- The Marion County 138-161 kV Transformer (EKPC)
- The Summershade-Summershade Tap 161 kV Circuit (TVA-EKPC)
- The Wolf Creek-Russell County 161 kV Circuit (TVA-EKPC)

EKPC has constructed facilities to address some of these problems. In particular, the J.K. Smith-North Clark 345 kV Project and the Cranston-Rowan County 138 kV Project have mitigated some of these potential problems. Other facilities are being planned to address several other facility limits identified above.

Scheduled north-south transactions routinely exceed the limitations identified in regional transfer studies. These transactions have periodically overloaded EKPC transmission facilities, and moreover often have the potential to result in overloads in the event of a subsequent contingency.

south transfer levels of 2200 MW to 5000 MW, depending on system conditions. The following facilities have been identified in recent studies and/or during actual operating experience as possible limiting facilities on the EKPC transmission system:

- The Avon 345-138 kV Transformer (EKPC)
- The Avon-Loudon Avenue 138 kV Circuit (EKPC-LGEE)
- The Blue Lick-Bullitt County 161 kV Circuit (LGEE-EKPC)
- The Dale-Three Forks-Fawkes 138 kV Circuit (EKPC)

- The Goddard-Rodburn 138 kV Circuit (LGEE)
- The J.K. Smith-Powell County 138 kV Circuit (EKPC)
- The Lebanon-Marion County 138 kV Circuit (LGEE-EKPC)
- The Marion County 138-161 kV Transformer (EKPC)
- The Summershade-Summershade Tap 161 kV Circuit (TVA-EKPC)
- The Wolf Creek-Russell County 161 kV Circuit (TVA-EKPC)

EKPC is presently in the process of constructing facilities to address some of these problems. In particular, the J.K. Smith-North Clark 345 kV Project and the Cranston-Rowan County 138 kV Project will address some of these potential problems. Other facilities are being planned to address several other facility limits identified above.

Scheduled north-south transactions routinely exceed the limitations identified in ECAR's Seasonal Assessments. These transactions have periodically overloaded EKPC transmission facilities, and moreover often have the potential to result in overloads in the event of a subsequent contingency.

Request 13d. Peak demand for summer and winter seasons on the transmission system.

Response 13d.

Summer	2007	2008	2009	2010	2011
Date	08/09/07				
Hr.	1700				
Peak Demand (MW)	2,481	2,273	2,342	2,403	2,457
Winter	2007	2008	2009	2010	2011
Date	2/16/07				
Hr.	0800				
Peak Demand (MW)	2,840	2,964	2,938	3,021	3,094

**EAST KENTUCKY POWER COOPERATIVE, INC.
PSC ADMINISTRATIVE CASE NO. 387
ANNUAL RESOURCE ASSESSMENT FILING**

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01

REQUEST 14

RESPONSIBLE PERSON: James C. Lamb

COMPANY: East Kentucky Power Cooperative, Inc.

Request 14. Identify all planned transmission capacity additions for the next 10 years. Include the expected in-service date, size and site for all planned additions and identify the transmission need each addition is intended to address.

Response 14. During the period 2001-2010, EKPC expects to make the following transmission improvements for normal system development and load growth to serve native load customers and not to provide for large wholesale power transfers.

317 miles of new transmission line (161 kV, 138 kV, and 69 kV)

89 miles of new distribution substation taps (161 kV, 138 kV and 69 kV)

505 miles of transmission line reconductor (138 kV and 69 kV)

42 new transmission substations or upgrades (4200 MVA)

120 new distribution substations (900 MVA)

36 new transmission capacitor banks (492 MVAR)

20 projects – upgrade terminal facilities and/or line service

20 projects - miscellaneous

As a result of planned generation capacity to be added to the EKPC system for native load, EKPC expects to add the following new transmission facilities within the period 2001-2010. Although the additions could have significant effects on transmission capacity, none are required for existing constraints, bottlenecks, or other transmission system problems.

The new facilities are listed below, along with the justification of each facility:

#	Facility	Justification
1	Build a 2.6 mile double circuit 345 kV line to loop the Stuart-Zimmer Line into Spurlock Substation. Completed 12/12/04.	Outlet for additional generation at Spurlock; Provides an EKPC interconnection with three companies (AEP, CIN, DPL).
2	Add a 3 rd 345-138 kV transformer at Spurlock Substation. Completed May 2004.	Outlet for additional generation at Spurlock.
3.	Build 35 miles of 345 kV line to connect the J.K. Smith Substation to the KU Brown-Pineville 345 kV line. Construct a new 345 kV switching substation at the connection point called West Garrard.	Outlet for additional generation at J.K. Smith site.

EKPC’s previous responses to this data request identified the following transmission facility additions as necessary outlets for generation additions:

- The 7.3-mile Cranston-Rowan County 138 kV line
- The 17-mile J.K. Smith-Spencer Road 138 kV line
- The 17-mile J.K. Smith-Avon 345 kV line and the J.K. Smith 345-138 kV Substation
- The 43-mile J.K Smith-Tyner 345 kV line and the Tyner 345-161 kV Substation

These items have been removed from the list of facilities needed for future generation additions for the following reasons:

- The Cranston-Rowan 138 kV line is needed to address existing system issues in the area.
- The J.K. Smith Spencer Road 138 kV line is no longer a recommended outlet based on updated studies.
- The J.K. Smith-Avon 345 kV line has been replaced by a 345 kV line from J.K. Smith to North Clark, which is needed to address existing system issues.
- The J.K. Smith-Tyner 345 kV line has been replaced by a planned new 345 kV line from J.K. Smith to KU's Brown-Pineville 345 kV line (Item 3 in the above table).

A detailed list of EKPC's expected transmission facility additions for the short-term planning horizon through the end of 2009, as well as recent completions, is shown beginning on the next page:

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
<u>NEW TRANSMISSION LINES</u>			
Pulaski County - Floyd 69 kV - 4.8 miles 556.5 MCM	Complete	Pulaski	B, C
South Floyd Tap 69 kV - 0.04 miles 556.5 MCM	Complete	Pulaski	B, C
Pulaski County - Norwood 69 kV - 5.2 miles 556.5 MCM	Complete	Pulaski	B, C
Pulaski Co. Tap 161 kV - 6.8 miles 556.5 MCM	Complete	Pulaski	B, C
Keavy - Laurel County 69 kV (Circuit #2) - 0.40 miles 266.8 MCM	Complete	Laurel	C, E
Garrard County - Lancaster/Brodhead (KU) 69 kV -- 0.10 miles 556.5 MCM DC (loop in KU 69 kV line)	Complete	Garrard	C
Spurlock - Stuart/Zimmer (CIN/DPL) 345 kV -- 3 miles 2-954 MCM DC (loop in 345 kV line)	Complete	Mason, State of Ohio	A, F
Cranston - Rowan County 138 kV - 7.50 miles 795 MCM	Complete	Rowan	B, C, D
Oneida - Arnold/Delvinta (KU) 161 kV - 7.90 miles 795 MCM	Deleted	Clay, Owsley	C, D
Inland Container - Inland Tap 138 kV - 0.50 miles 954 MCM	Deleted	Mason	A, F
Flemingsburg - Goddard Rebuild 138 kV 9.20 miles	Complete	Fleming	B, C, D
Spurlock - Flemingsburg Trans. Line 138 kV 18 mi. (Carryover)	Complete	Fleming	B, C
WRECC's Bristow - GM 161 kV Trans. Line Eng. Only	Complete	Barren	B, C
Smith - N. Clark 345 kV Transmission Line 17 miles	Complete	Madison, Clark	B, C
Cynthiana Normally Open 69kV Interconnection Tap and Switch	Complete	Harrison	B,C
J.K. Smith 138 kV/345 DC Tie Line	Complete	Clark	B,C
Barren Co. - Oakland- Magna 161 kV 28.29 Miles	Cancelled	Barren, Warren	B,C
General Motors - Memphis Jct. 161 kV 14.96 miles	Cancelled	Warren	B,C
Memphis Jct. - Aberdeen Trans. Line 161 kV 23.48 miles	Cancelled	Warren & Bulter	B,C
Wilson - Aberdeen Trans. Line 161 kV 26.79 miles	Cancelled	Bulter & Ohio	B,C
Beam-Joe Tichenor/W. Bardstown 69 kV 10 miles	11/24/2008	Nelson	B,C
<u>NEW TRANSMISSION SUBSTATIONS</u>			
Pulaski County 161-69 kV Substation 100 MVA	Complete	Pulaski	B, C
Casey County 161-69 kV Substation 100 MVA	Complete	Casey	C
Inland Tap (EKPC-KU) 138 kV Switching Station	Deleted	Mason	A, F
Goddard 138 kV Switching Station	Complete	Fleming	B, C, D
East Bernstadt 69 kV Switching Substation (EKPC - KU)	Complete	Laurel	C, E
Oneida 161-69 kV Substation 100 MVA	Deleted	Clay	C, D
Aberdeen 161kV Trans. Sub (2Brkrs)	Cancelled	Bulter	C,D
East Bowling Green 161 kV Trans. Sub (1Brkr)	Cancelled	Warren	C,D
J.K. Smith CT Substation 345 kV	Complete	Clark	C,D
Memphis Junction Trans Sub (4 Brkrs)	Cancelled	Warren	C,D
North Clark (Sideview) 345 kV Breaker Station	Complete	Clark	C,D
Salmons Substation 161-69 kV (Warren RECC)	Cancelled	Simpson	C,D
West Bardstown Jct. 69 kV Switching Station	5/1/2008	Nelson	C,D
West Garrard 345 kV Transmission Station	6/1/09	Garrard	C,D
<u>TRANSMISSION SUBSTATION MODIFICATIONS</u>			
Liberty Jct. Substation add 2-161 kV breakers	Complete	Casey	B, C
Rowan County Substation add 3 -138 kV breakers	Complete	Rowan	B, C, D

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
<u>TRANSMISSION SUBSTATION MODIFICATIONS</u>			
Spurlock substation terminal facility additions & relaying upgrades	Complete	Mason	A
Stuart (DPL) and Zimmer (CIN) relaying upgrades & substation modifications	Complete	State of Ohio	A
Garrard County Substation add 3-69 kV breakers and 2 line exits	Complete	Garrard	C
Fall Rock 69 kV 161-69kV Substation –plus Install 3-69kV Brkrs	10/31/08	Clay	C
Dale Station – Rebuild 138 & 69 kV Switchyard	Cancelled	Clark	C
East Bardstown Rebuild 69 kV Switchyard	Cancelled	Nelson	C
Beattyville Distr. – Beattyville Sw. Sta. 69 kV Trans. Line	10/24/08	Lee	C
Dale Station – Install New General SVC #2 Feeder	12-7-2008	Clark	C
J.K. Smith 450 MVA Station Modifications	Deferred	Clark	C
J.K. Smith 345-138 kV Transformer – Station Modifications	Complete	Clark	C
J.K. Smith #8 and #9 Sub Modifications	Complete	Clark	C
Beattyville Substation Switching Add. – 69 kV	9/1/2008	Lee	C
Bullitt County 69 kV Breaker Addition (2 Brkrs.)	Complete	Bullitt	C
Spurlock #4 345 kV Brkr and Terminal Facilities	5/1/2008	Mason	C
Marion County 161 –138 kV – Replace Transformer	5/1/2008	Marion	C
Tyner Breaker Addition	5/1/2008	Clay	C
<u>TRANSMISSION LINE RECONDUCTOR OR REBUILD</u>			
<u>(69 kV, 556.5 MCM ACSR, reconductor unless otherwise noted)</u>			
Denny - Whitley City - 14 miles	Complete	McCreary, Wayne	B, C
Frenchburg-Maytown Jct. - 10.79 miles	Complete	Menifee, Morgan	C
West Berea - West Berea Jct. - 1.95 miles	Complete	Madison	B
Burkesville Jct. - Summer Shade - 18.89 miles	Complete	Cumberland, Metcalfe	C
Nancy – W. Somerset Jct. - 5.52 miles	Complete	Pulaski	B, C
Summer Shade - W. Columbia Jct. - 23.27 miles	Complete	Adair, Metcalfe	C
Campton - Helechawa - 11.08 miles	Complete	Wolfe	C, G
Colemansville - Four Oaks Jct. - 7.92 miles	Complete	Harrison, Pendleton	B
Colemansville - Renaker - 6.18 miles	Complete	Harrison, Pendleton	B
Grants Lick - Stanley Parker Jct. - 9.94 miles	Complete	Campbell, Kenton	B
Nancy - Windsor - 9.27 miles	Complete	Casey, Pulaski	C
Beckton - Parkway - 5.40 miles	Complete	Barren	C
Bonnieville - Munfordville - 8.18 miles	Complete	Hart	C, G
Bowen - High Rock - 6.2 miles	Complete	Powell	G
Avon - Loudon Avenue (KU) 138 kV reconductor or rebuild - 8.72 miles	Deleted	Fayette	A
Inland Container - Spurlock 138 kV - 0.46 miles, 954 MCM ACSS	Deleted	Mason	A, F
KU Kenton - KU Goddard 138 kV rebuild - 22.13 miles, 795 MCM ACSR	Deleted	Fleming, Mason	A
Fayette-Davis-Nicholasville - 7.12 miles	Deferred	Fayette, Jessamine	A
KU Clark County - KU Sylvania 69 kV rebuild - 0.54 miles, 795 MCM ACSR	Hold	Clark	B
High Rock - Zachariah - 4.25 miles	Complete	Powell	G
Avon-Boonesboro North Tap Recond. 138 kV 8.82 mi.	Complete	Clark, Fayette	B, C
Baker Lane-Holloway Jct. Reconductor, 69 kV, 1.28 miles	Cancelled	Fayette, Jessamine	B, C
Fort Knox Jct.-Smithersville Jct. Reconductor - 69 kV, 3.11 miles	May-2009	Hardin	B, C
Lees Lick – Renaker Reconductor – 69 kV, 12.7 mi.	Cancelled	Harrison	B, C

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
<u>TRANSMISSION LINE RECONDUCTOR OR REBUILD</u>			
<u>(69 kV, 556.5 MCM ACSR, reconductor unless otherwise noted)</u>			
Dale - Three Forks Jct. 138 kV Rebuild 4.75 miles	Cancelled	Clark, Madison	B,C
Headquarters - Millersburg Reconductor	Complete	Harrison	B,C
Hillsboro - Peastick 69kV Reconductor, 556.6, 10.51 miles	Deferred	Fleming, Bath	B,C
LGEE's Fawkes Tap - Fawkes KU 138 kv Line Reconductor	Complete	Madison	B,C
Tyner - McKee Trans. Line Rebuild 954 MCM 9.3 miles	5/1/2010	Jackson	B,C
Tyner. - North London Rebuild 954 MCM 69kV, 16.71 mi.	10/20/09	Jackson,Laurel	B,C
W. Bardstown - W. Bardstown Jct. 69kV Recond. W/556 4.50 mi.	Deferred	Nelson	B,C
W.Berea - Three Links Reconductor .09 miles	Complete	Madison	B,C
Burkesville – Snow Junction 69kV Reconductor 10.17 miles	12/1/2008	Clinton, Wayne	B,C
Hickory Plains- PPG 69kV Reconductor 2.5 miles	Complete	Madison	B,C
Bonds Mill Jct. –Clay Lick Jct. – Van Arsdell Rebuild 5.16 miles	7/16/2008	Anderson, Mercer	B,C
<u>TRANSMISSION LINE UPGRADES (69 kV Unless Otherwise Noted)</u>			
Annville Jct. - East Bernstadt Upgrade to 212F - 14.54 miles	Complete	Jackson, Laurel	B
Bloomfield - Sinai Upgrade to 167F - 13.4 miles	Complete	Anderson, Nelson	B
Boone Co. - Renaker 138 kV Upgrade to 167F - 41.17 miles	Complete	Boone, Grant, Pendleton, Harrison	B
Bristow Jct. - Turkey Foot Upgrade to 167F – 2.05 miles	Complete	Kenton	B
Creston - Phil Upgrade to 167F - 5.79 miles	Complete	Casey	B
Four Oaks - Four Oaks Jct Upgrade to 167F -0.37 miles	Complete	Pendleton	B
Hunt - Sideview Upgrade to 167F - 15.5 miles	Complete	Clark	B
Liberty Jct. - Liberty KU Tap Upgrade to 167F - 3.47 miles	Complete	Casey	B
Norwood Jct. - Norwood Jct. Upgrade to 167F - 5.28 miles	Complete	Pulaski	B
Pittsburg - Tyner 161 kV Upgrade to 167F - 16.49 miles	Complete	Jackson, Laurel	B
Bass – Creston Upgrade to 167F - 7.38 miles	Complete	Casey	B
Boone Dist. - Bullittsville Upgrade to 167F - 6.4 miles	Complete	Boone	B
New Liberty Jct. - Owen Co Upgrade to 167F - .01 miles	Complete	Owen	B
Russell Springs Tap Upgrade to 167F - 1.2 miles	Deferred	Russell	B
Tunnel Hill Tap Upgrade to 167F - 0.54 miles	Deferred	Hardin	B
Ballard-Hunt Farm Jct. Upgrade to 212 69 kV 8.34 miles	Complete	Clark, Jessamine	B
Hunters Bottom – Milton 69 kV Line Upgrade	Complete	Carroll, Trimble	B
Owens Illinois Jct. – Woodlawn 69 kV Line Upgrade	Complete	Nelson	B
Helechawa-Magoffin County Line Upgrade 69 kV 20.33 mile	Deferred	Magoffin	B
Knob Lick-McKinney's Corner Jct. Line Upgrade, 69 kV, 12.53 miles	Complete	Metcalfe, Green	B
Clay Lick Jct.-Van Arsdell Line Upgrade, 69 kV, 2.46 miles	Cancelled	Mercer	B
Bedford- Milton Line Upgrade 8.7 miles	Deferred	Trimble	B
Blue Lick - Bullitt County 161 kV Line Upg. (To be done by LGEE)	Complete	Bullitt	B
Magnolia - Summersville Upgrade 167 15 miles	Complete	Larue,Green	B
Radcliff - Vine Grove Line Upgrade .55 miles	Deferred	Hardin	B
Upton Jct - Stephensburg 69kV Line Upgrade, 10.76 miles	5/1/2008	Hardin	B
EK Office – EK Office Jct. Line Upgrade .17 miles	Complete	Clark	B
Marion Co. – Casey Co. – Liberty Jct. 161 kV Line Upg. To 125 F	Complete	Marion,Casey	B
Bacon Creek Jct. – Farley 69kV Line Upgrade 2.1 miles	Deferred	Whitley	B
Bacon Creek Jct. – South Corbin Jct. 69kV Line Upgrade	5/1/09	Whitley	B
Blue Grass Parkway Jct. Woodlawn- Fredricksburg Jct. Line Upgrade	5/1/09	Washington	B
Bronston Jct. – Denny 69k V Line Upgrade	5/1/09	Pulaski,Wayne	B

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
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TRANSMISSION LINE UPGRADES (69 kV Unless Otherwise Noted)(Continued)

Hunt Farm Jct. – Perryville 69 kV Line Upgrade	5/1/09	Boyle	B
North Springfield – South Springfield Line Upgrade	5/1/09	Washington	B

TERMINAL FACILITY UPGRADES (69 kV Unless Otherwise Noted)

East Bardstown substation upgrade terminal facilities	Complete	Nelson	B
Goodnight substation upgrade 4/0 Bus terminal facilities	Complete	Barren	B
Crooksville Jct. Line Switch Upgrade (S70-615)	Complete	Madison	B
Dale Line Terminal Upgrade (N35-804)	Complete	Clark	B
Dale Line Switches Upgrade	Complete	Clark	B
Davis Line Switch Upgrade	Complete	Jessamine	B
Duro-Turkey Foot Jct. Line Switch Upgrade (N55-615)	Dec-2008	Kenton	B
Fayette Line Switch Upgrade	Complete	Fayette	B
Hickory Plains Line Switch Upgrade	Dec-2008	Madison	B
Newby Line Switch Upgrade	Complete	Madison	B
Pine Grove Jct. Line Switch Upgrade (E86-605)	Complete	Laurel	B
West Berea Jct. Line Switch Upgrade	Complete	Madison	B
West London Line Switch Upgrade	Complete	Laurel	B
Boone County Line Switch Upgrade	Dec-2008	Boone	B
Devon Line Switch Upgrade	Dec-2008	Boone	B
Duro-Turkey Foot Jct. Line Switch Upgrade (N55-625)	Dec-2008	Boone	B
Avon Upgrade 138kV Switch 345-138 kV to 3000 AMPS	Complete	Fayette	B
Dale - Three Forks Jct -Upgrade Replace 1200 Amp Bkr	Complete	Madison ,Clark	B
Duro Tap - Upgrade (2) 69kV disconnect sw N55-605 to 1200A	Complete	Boone	B
E. Bardstown-Bardstown(KU)-Change meter CT setting 69kV line	Complete	Nelson	B
Fawkes - Replace 1200 metering CT's (S62-834)	12/1/2008	Madison	B
Fawkes - Replace 500 MCM Bus	12/1/2008	Madison	B
Green County- Greensburg (KU)Change meter CT setting	Complete	Green	B
J.K. Smith - Dale Replace 1200 Amp Line Traps	12/1/2009	Clark	B
JK Smith - Fawkes Upgrade - Replace 1200 A Line Traps	12/1/2009	Clark, Madison	B
Marion Co. 138kV Switch to 2000 AMP	Complete	Marion	B
Plumville -Upgrade 69kV disc sw N34-643 to 2000A	Complete	Boone	B
Renaker -Upgrade 69kV disconnect sw N6-643, N6-645	Complete	Harrison	B
Russell Springs KU Tap-Upgrade 69kV disc sw S408-605	12/1/2017	Russell	B
Stanley Parker-Change line CT setting of bkr N43-614 from 600/5	Complete	Kenton	B
Summer Shade (Fox Hollow Line)-Upgrade 69kV disc. switches S11-633, S11-635s	Complete	Metcalfe	B
Summershade Upgrade 69kV breaker S11-658 to 2000A	Complete	Metcalfe	B
Three Links Jct. - W. Berea Jct. disc sw (1) to 1200A	12/1/2008	Madison, Clark	B
Vine Grove Tap Upgrade 69kV disconnect switch W17-635 to 1200 amps	12/1/2008	Hardin	B

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
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SUBSTATION CAPACITOR BANK ADDITIONS (69 kV)

Loretto 13.78 MVAR	Complete	Marion	C
Magnolia 12.24 MVAR	Complete	Larue	C
Pelfrey 7.14 MVAR	Complete	Carter	C
Russell Springs 18.37 MVAR	Complete	Russell	C
Shelby County 25.51 MVAR	Complete	Shelby	C
Shepherdsville 13.78 MVAR	Complete	Bullitt	C
Van Meter 13.78 MVAR	Complete	Clark	C
Bedford 6.12 MVAR	Complete	Trimble	C
Four Oaks 13.78 MVAR	Complete	Harrison	C
Blevins Valley 10.2 MVAR	Complete	Bath	C
Boone County 30.61 MVAR (W.R. Smoot)	Complete	Boone	C
Maggard 12.24 MVAR	Deferred	Magoffin	C
Millersburg (EKPC) 6.12 MVAR	Complete	Nicholas	C
Sideview 6.12 MVAR	Complete	Bourbon	C
Sinai 13.78 MVAR	Complete	Anderson	C
Slat 21.6 MVAR	Complete	Wayne	C
Mount Olive (Re-size to 10.20 MVAR)	Deferred	Casey	C
East Pine Knot 13.78 MVAR	Deferred	McCreary	C
Norwood 25.51 MVAR (Pulaski)	Complete	Pulaski	C
Tyner 16.33 MVAR	Complete	Jackson	C
Knob Lick 14.29 MVAR	Cancelled	Metcalfe	C
Clay Village 10.2 MVAR	Complete	Shelby	C
Tommy Gooch 12.25 MVAR	Complete	Garrard	C
Griffin 9.18 MVAR	Complete	Pendleton	C
Milton 10.20 MVAR	Cancelled	Trimble	C
Maytown 10.2 MVAR	Complete	Morgan	C
Shelby County #2 25.51 MVAR	Cancelled	Shelby	C
Hickory Plains 25.51 MVAR Capacitor Bank	Complete	Madison	C
Martin County 12.25 MVAR Capacitor Bank	Complete	Martin	C
Headquarters 8.164 MVAR Capacitor Bank	12/1/09	Harrison	C
Peyton's Store Re-Size from 7.14 MVAR to 13.27 MVAR	12/1/08	Casey	C

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
<u>NEW DISTRIBUTION SUBSTATION TAP LINES</u>			
Jamestown Tap, 161 kV 0.5 miles	Complete	Russell	H
Wiborg 69 Tap 4.31 miles	Complete	McCreary	H
West Bardstown #2 69kV .02 miles	Complete	Nelson	H
Nelson Valley Tap, 69kV 1.4 miles	Complete	Pulaski	H
Rineyville 69kV Tap 6.0 miles	Complete	Hardin	H
Hinkston Tap from KIU .01 miles	Complete	Montgomery	H
Loretto Tap 69 kV 02. Miles	Complete	Marion	H
W. Mt. Washington #2 Tap 69 kV 0.02 miles	Complete	Bullitt	H
Big Creek Tap 69 kV 9.3 miles	8/15/2008	Clay	H
Banklick #2 Tap 69 kV 0.02 miles	Deferred	Kenton	H
Columbia #2 Tap 69 kV 0.02 miles	Deferred	Adair	H
Fort Knox #2 Tap 69 kV 0.02 miles	Deleted	Hardin	H
Middle Creek #2 Tap 69 kV 0.02 miles	Deferred	Floyd	H
Radcliff #2 Tap 69 kV 0.02 miles	Deferred	Hardin	H
Sinai #2 Tap 69 kV 0.02 miles (Powell-Taylor)	Deleted	Anderson	H
Turkey Foot #2 Tap 69kV 0.02 miles (Richardson #2)	Deleted	Kenton	H
Cynthiana #2 Tap, 69 kV 0.02 miles	Deferred	Harrison	H
Fayette #3 Tap, 69 kV 0.02 miles	Deferred	Fayette	H
Balltown #2 Tap 69 kV 0.02 miles	Deferred	Nelson	H
Boone County #2 Tap 69 kV 0.02 miles	Deferred	Boone	H
Munfordville #2 Tap 69 kV 0.02 miles	Deferred	Hart	H
Taylorsville #2 Tap, 69 kV 0.02 miles	Deleted	Spencer	H
Tharp #2 Tap 69 kV 0.02 miles	Deleted	Hardin	H
Vine Grove #2 Tap 69 kV 0.02 miles	Deleted	Hardin	H
Holloway #2 Tap 69 kV 0.02 miles	Deleted	Jessamine	H
Clay City #2 Tap 69 kV 0.02 miles	Deleted	Powell	H
Williamstown #2 Tap, 69 kV 0.02 miles	Deleted	Grant	H
Grants Lick #2 Tap	Complete	Campbell	H
Oxford Tap, 0.08 mi.	Complete	Scott	H
Plummers Mill Tap, 0.02 mi.	Complete	Fleming	H
Richardson #2 Tap	Complete	Kenton	H
South Point Tap	Complete	Jessamine	H
Southville Tap	Complete	Shelby	H
Upchurch 69 kV Tap, 1.75 mi.	Complete	Clinton	H
Little Mount 161 kV Tap (Carryover)	Complete	Spencer	H
Bull Run 0.5 mile 69 kV Tap	Deleted	Adair	H
Conway 69 kV Tap, 0.25 mile	Complete	Rockcastle	H
Corinth 69 kV Tap, .2 mi.	Deferred	Grant	H
Deatsville 69 kV Tap, 2.30 miles	5/30/2008	Nelson	H
Defoe 69 kV Tap, 5 miles	Deferred	Henry	H
Gap of the Ridge 69 kV Tap, 4.5 miles	5/1/2008	Wayne	H
Headquarters .02 miles 69 kV Tap	Complete	Harrison	H
Oak Ridge Tap .2 mile 69 kV Tap	Complete	Lewis	H
West Berea Tap	Deferred	Madison	H
Alex Creek 69kV Tap, 1.4 mile, 266.8	Complete	Knox,Bell	H
Beattyville #2 Tap 266.8 Cond.	Cancelled	Lee	H
Blue Grass Parkway 69 kV Tap .04 miles	Complete	Nelson	H
Bristow #2 Tap 69kV, 0.1 mile, 266.8	Complete	Kenton	H
Burlington Tap 69kV, .19 mile, 266.8	Complete	Boone	H
Campbellsville #2 Tap 266.8 Cond.	Complete	Taylor	H

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
<u>NEW DISTRIBUTION SUBSTATION TAP LINES</u>			
Cedar Grove Industrial Park Tap 161kV, 0.2 miles, 556.5	Complete	Bullitt	H
Downing #2 Tap 69kV, 0.1 mile, 266.8	Complete	Owen	H
Garlin 69kV Tap, 0.5 mile, 266.8	5/1/2008	Taylor	H
Girdler 69kV Tap, 3.5 mile, 266.8	4/1/2008	Knox	H
Headquarters .02 miles 69 kV Tap	Complete	Harrison	H
Inez 69kV Tap Approx. 6 miles	Complete	Martin	H
Laurel Co. Ind. Park #2 69 kV Tap	Complete	Laurel	H
Liberty Church 69kV Tap, 1.8 mile, 266.8	4/1/2008	Knox	H
Pine Grove #2 Tap 69kV, 0.1 mile, 266.8	Complete	Laurel	H
Powell-Taylor 69 kV Tap 4.75 miles	Complete	Anderson	H
Snow Hill 0.2 69kV Tap	Complete	Robertson	H
Webb's Cross Roads .03 mile 69 kV Tap	Complete	Russell	H
West Nicholasville Tap 69kV, .04 mile, 266.8	Complete	Jessamine	H
Woodstock 69kV Tap, 4.4 mile, 266.8	Complete	Pulaski	H
Sterling Tap 138 kV 0.8 miles	Complete	Gallatin	H
Smith Back-up Power Tap	12/4/2009	Clark	H
Flint Ink Tap 0.3 miles	Cancelled	Hardin	H
Sideview Upgrade Tap Modification	6/1/2008	Bourbon	H
Garrard County Tap 69 kV .04 miles	8/31/2008	Garrard	H
Toddville 69 kV Tap 0.8 miles	12/1/2008	Garrard	H
<u>NEW DISTRIBUTION SUBSTATIONS</u>			
Jamestown 161-12.47 kV, 12 MVA	Complete	Russell	H
Wiborg 69-25 kV, 11.2 MVA	Complete	McCreary	H
Nelson Valley 69-12.47 kV, 11.2 MVA	Complete	Pulaski	H
Berlin Substation Upgrade/Rebuild to 11.2 MVA	Complete	Bracken	H
Rineyville 69-12.47 kV, 11.2 MVA	Complete	Hardin	H
Hinkston Substation Upgrade/Rebuild to 11.2 MVA	Complete	Montgomery	H
Pleasant Grove Substation Upgrade to 15/20/25 MVA	Deferred	Bullitt	H
W. Mt. Washington #2 New Substation Addition 11.2/14 MVA	Complete	Bullitt	H
West Bardstown #2 69-12.47 kV, 11.2 MVA	Deferred	Nelson	H
Headquarters Substation Upgrade/Rebuild to 11.2 MVA	Complete	Bourbon	H
Big Creek 69-12.47 kV, 11.2 MVA	Complete	Clay	H
Banklick #2 New Substation Addition 11.2/14 MVA	Deferred	Kenton	H
Columbia #2 #2 New Substation Addition 11.2/14 MVA	Deferred	Adair	H
Fort Knox #2 New Substation Addition 11.2/14 MVA	Deleted	Hardin	H
Middle Creek #2 New Substation Addition 11.2/14 MVA	Deferred	Floyd	H
Radcliff #2 New Substation Addition 11.2/14 MVA	Deferred	Hardin	H
Sinai #2 New Substation Addition 11.2/14 MVA (Powell-Taylor)	Deferred	Anderson	H
Turkey Foot #2 69-12.47 kV, 11.2 MVA (Richardson#2)	Deferred	Kenton	H
Balltown #2 New Substation Addition 11.2/14 MVA	Deferred	Nelson	H
Beckton New Substation Addition 11.2/14 MVA	Deferred	Barren	H
Boone County #2 New Substation Addition 11.2/14 MVA	Deferred	Boone	H
Cynthiana #2 New Substation Addition 11.2/14 MVA	Deferred	Harrison	H
Fayette #3 New Substation Addition 11.2/14 MVA	Deferred	Fayette	H
Munfordville #2 New Substation Addition 11.2/14 MVA	Deferred	Hart	H
Taylorsville #2 69-12.47 kV, 11.2 MVA	Deleted	Spencer	H
Holloway #2 New Substation Addition 1.2/14 MVA	Deleted	Jessamine	H
Tharp #2 New Substation Addition 11.2/14 MVA	Deleted	Hardin	H

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
<u>NEW DISTRIBUTION SUBSTATIONS</u>			
Vine Grove #2 New Substation Addition 11.2/14 MVA	Deleted	Hardin	H
Clay City #2 New Substation Addition 11.2/14 MVA	Deleted	Powell	H
Williamstown #2 69-12.47 kV, 11.2 MVA	Deleted	Grant	H
Oxford 11.2/14 MVA	Complete	Scott	H
Plummers Mill	Complete	Fleming	H
Upchurch 11.2/14 MVA	Complete	Clinton	H
Little Mount 12/16/29 MVA 161-125.5 kV (Carryover)	Complete	Spencer	H
South Point 11.2/13 MVA, 69-12.5 kV	Complete	Jessamine	H
Bull Run 11.2/14 MVA, 69-25 kV Distr. Substation (NE Columb)	Deleted	Adair	H
Conway 11.2/14 MVA, 69-12.5 kV Distribution Substation	Complete	Rockcastle	H
Corinth 11.2/14 MVA Distribution Substation	Deferred	Grant	H
Deatsville 11.2/14 MVA, 69-12.5 kV Distribution Substation	5/30/2008	Nelson	H
Defoe 11.2/14 MVA, 69-12.5 kV Distribution Substation	Deferred	Henry	H
Gap of the Ridge 11.2/14 MVA, 69-25 kV & 25-12.5 kV Distri. Sub.	Complete	Wayne	H
Oak Ridge Distri. Sub. 11.2/14 MVA 69-25 kV	Complete	Lewis	H
Alex Creek 5.6/6.44 MVA Substation	Complete	Knox, Bell	H
Beattyville #2, 69-12.5 kV, 11.2/14 MVA	Cancelled	Lee	H
Blue Grass Parkway 11.2/14 MVA 69-12.5 kV Distr Sub.	Complete	Nelson	H
Bristow #2 69-12.5kV, 11.2/14 MVA Substation Addition	Complete	Kenton	H
Burlington 15/20/25 MVA 69-12.5 Distr.Sub	Complete	Boone	H
Campbellsville #2 69-12.5 kV, 11.2/14 MVA	Complete	Taylor	H
Cedar Grove Industrial Park Sub 161-12.5kV, 12/16/20 MVA	Complete	Bullitt	H
Downing #2 69-12.5kV, 11.2/14 MVA Substation Addition	Complete	Owen	H
Garlin 11.2/14, 69-12.5 kV MVA Substation	Complete	Taylor	H
Girdler 11.2/14 MVA,69-13.2 kV Substation	Complete	Knox	H
Headquarters 11.2/14 MVA 69-12.5 kV Distribution Station	Complete	Harrison	H
Inez Distribution Site (Purchase Site Only)	Complete	Martin	H
Laurel Co. Ind. Park #2 Station Add. 11.2/14 MVA 69-12.5 kV	Complete	Laurel	H
Liberty Church 11.2/14 MVA, 69--13.2 kV Substation	Complete	Knox	H
Pine Grove #2 69-12.5kV, 11.2/14 MVA Substation Addition	Complete	Laurel	H
Powell-Taylor 11.2/14 MVA, 69-12.5 kV Substation	Complete	Anderson	H
Snow Hill 11.2/14 MVA, 69-25 kV Distribution Station	Complete	Robertson	H
Webb's Cross Roads 11.2 MVA 69-12.5 Distr.Sub	Complete	Russell	H
West Nicholasville #2 69-12.5kV, 11.2/14 MVA Substation Addition	Complete	Jessamine	H
Woodstock 11.2/14 MVA Substation	Complete	Pulaski	H
Smith Back-up Power 69-13.8 kV 11.2/14 MVA	12/4/2009	Clark	H
Sterling Distribution Substation 12/16/20 MVA 138-12.5 kV	Complete	Gallatin	H
Flink Ink 11.2/14 MVA 69-12.5 Distribution Substation	Cancelled	Hardin	H
Sideview Substation Rebuild	6/1/2008	Bourbon	H
Garrard County 11.2/14 MVA 69-12.5 kV	8/31/2008	Garrard	H
Toddville 11.2/14 MVA 69-25 kV Distribution Substation	12/1/2008	Garrard	H

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
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DISTRIBUTION STATION UPGRADES AND MODIFICATIONS

Cave Run Tap, 2-way, 69 kV switch addition (By KU)	Complete	Rowan	J
Brooks rebuild existing 11.2/14 MVA substation	Complete	Bullitt	J
Loretto conversion to 69-25kV, 11.2 MVA	Complete	Marion	J
Milton Substation Upgrade to 6.44 MVA	Deferred	Trimble	J
South Springfield Substation Upgrade to 11.2 MVA	Deferred	Washington	J
West Berea Substation Upgrade to 15/20/25 MVA	Deferred	Madison	J
Knob Creek Sub station Upgrade to 6.44 MVA	Deferred	Bullitt	J
Southville Upgrade Station to 11.2 MVA	Complete	Shelby	J
Grants Lick #2 Upgrade to 15/20/25 MVA	Complete	Grant	J
Hillsboro Convert to 25 kV	Complete	Fleming	J
Headquarters 11.2/14 MVA 69-12.5 kV Distribution Station	Complete	Harrison	J
Leon Upgrade, 11.2 MVA	Complete	Carter	J
McKinney Corner Upgrade, 11.2 MVA	Complete	Green	J
Boone Sub. Upg. to 15/20/25 MVA (Phase I & 2)	Complete	Boone	J
Stanton Box/Circuit Addition	Complete	Powell	J
Phil Substation 12.5 Box Addition	Complete	Casey	J

MISCELLANEOUS DISTRIBUTION ADDITIONS

Distribution Capacitors	Complete	--	K
Change-Out 10-69 kV Breakers	Complete	--	K
Change-Out 1-138 kV Breaker	Complete	--	K
Change-Out 6-69 kV Breakers	Complete	--	K
Distribution Capacitors-2006	Complete	--	K

TRANSMISSION PROJECTS 2004-2009	TARGET DATE	KENTUCKY COUNTIES	NEED CATEGORY
<u>MISCELLANEOUS TRANSMISSION ADDITIONS</u>			
Avon Trans. Sta. -Digital Fault Recorder	12/1/2008	Fayette	B
Bonnieville 69 kV Install new Relay Panels	Complete	Hart	B
Boone 69kV Relay Replacement	12/1/2008	Boone	B
Bullitt County Digital Fault Recorder	6/1/2008	Bullitt	B
Cooper 69 kV Install new Relay Panels	10/1/2008	Pulaski	B
Cooper Switchyard -Digital Fault Recorder	12/31/2009	Pulaski	B
Dale Station 138 kV Switchyard Monitoring	6/1/2008	Clark	B
Dale Station Upgrade- 3- 138kV Breakers	6/1/2008	Clark	B
Dale-Replace Sw., Main Bus, Lightning, Arrester, Etc	6/1/2008	Clark	B
Denny 69 kV Install new Relay Panels	12/1/2008	Wayne	B
Gilbert GSU Spare Transformer	12/1/2008	Mason	B
Goddard -Replace Goddard 69 kV Line Panels	Complete	Fleming	B
Green County 69 kV Relay Replacement	12/1/2009	Green	B
Hardin County Landfill - Plant GSU, Reclosers & Meter Add.	Complete	Hardin	H
Hope 69 kV Install new Relay Panels	Complete	Powell	B
Leon 69 kV Install new Relay Panels	Complete	Carter	B
Marion County - 161 kV Install new Relay Panels	10/1/2008	Marion	B
McCreary County Digital Fault Recorder	Deferred	McCreary	B
Pendleton County Landfill - Plant GSU, Reclosers & Meter Add.	Complete	Pendleton	H
Powell County 69 kV Relay Replacement	Complete	Powell	B
Renaker 138 kV Install new Relay Panels	10/1/2008	Harrison	B
Renaker 69kV Switchyard- Replace Switches and Main Bus	Complete	Harrison	B
Replace Obsolete Relays (5 Locations)	Complete	-----	B
Skaggs 69 kV Relay Replacement	6/1/2008	Lawrence	B
Somerset 69 kV Switchyard - Repl. Sw. & Main Bus	12/1/2008	Pulaski	B
Somerset 69 kV Breaker Replacements (4) 69 kV	Complete	Pulaski	B
Somerset 69 kV Relay Replacement	Complete	Pulaski	B
Summersshade 69 kV Relay Replacement	Complete	Metcalfe	B
Summersshade -Replace 161 kV Line Panels	6/1/2009	Metcalfe	B
Tyner 161/69 kV - Install New Relay Panels	5/1/2008	Jackson	B
Tyner 69kV Switchyard-Replace Switches and Main Bus	12/1/2012	Jackson	B

Need Category--Description

- A Generation outlet or required facility to integrate new generating units(s)
- B Eliminate potential thermal overload(s) for normal or single contingency outage conditions
- C Eliminate Potential low voltage level(s) for normal or single contingency outage conditions
- D Reduce MW – mile outage exposure to switched circuit
- E Reduce MW-mile outage exposure to switched circuit.
- F Improve transient stability margin at generating plant or generating unit(s).
- G Reduce losses on line section.
- H New member system delivery point
- J Upgrade member system delivery point
- K Power factor correction