

February 23, 2007

HAND DELIVERED

Ms. Elizabeth O'Donnell  
Executive Director  
Public Service Commission  
Post Office Box 615  
Frankfort, KY 40602

RECEIVED

FEB 23 2007

PUBLIC SERVICE  
COMMISSION

Re: PSC Case No. 2006-00564

Dear Ms. O'Donnell:

Please find enclosed for filing with the Commission in the above-referenced case an original and eight copies of the Responses of East Kentucky Power Cooperative, Inc. ("EKPC"), to the data requests contained in Appendix C to the Commission's order dated February 13, 2007. Also enclosed are an original and eight copies of the Prepared Testimony of James C. Lamb, on behalf of EKPC.

Very truly yours,



Charles A. Lile  
Senior Corporate Counsel

Enclosures

Cc: Elizabeth E. Blackford, Esq.  
Michael L. Kurtz, Esq.

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

FEB 23 2007

PUBLIC SERVICE  
COMMISSION

In the Matter of:

AN INVESTIGATION INTO EAST KENTUCKY )  
POWER COOPERATIVE, INC.'S CONTINUED ) CASE NO.  
NEED FOR CERTIFICATED GENERATION ) 2006-00564

O R D E R

On January 5, 2007, the Commission established this proceeding "to gain an assurance that [East Kentucky Power Cooperative, Inc.'s ('EKPC')] certificated generation for the Spurlock No. 4 unit and the Smith Circulating Fluidized Bed ('CFB') unit and attendant Combustion Turbines ('CTs') are still needed. . .in light of [Warren Rural Electric Cooperative Corporation's] decision" to terminate a power supply agreement with EKPC.<sup>1</sup>

In our Order of January 5, 2007, we further directed EKPC to provide certain information regarding its generation requirements, established a procedural schedule for this proceeding, and directed that the Attorney General and Gallatin Steel Company be made parties to this proceeding. EKPC has responded to the Commission's discovery request. Although afforded an opportunity to request a hearing in this proceeding, no party has submitted such request within the time specified in the Order.

Having reviewed EKPC's response to the Commission's Order of January 5, 2007, we are presently unable to find with sufficient certainty that the public

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<sup>1</sup> Order of January 5, 2007 at 2.

convenience and necessity currently requires the facilities for which we granted a Certificate of Public Convenience and Necessity ("CPCN") in Case No. 2005-00053.<sup>2</sup> The Commission finds that additional discovery and a formal hearing are required in this matter to ensure a complete record. Accordingly, we find that the procedural schedule set forth in the Order of January 5, 2007 should be set aside and a new procedural schedule substituted.

On an unrelated matter, the Commission places all parties on notice that Cherne Contracting Corporation, a firm that EKPC retained to provide equipment and material and the balance of plant installation on the Spurlock No. 4 project, employs Commissioner Clay's brother-in-law. While the Commission perceives no actual conflict of interest in Commissioner Clay's participation in this proceeding, the Commission will consider any motions for recusal if filed on or before February 21, 2007.

IT IS HEREBY ORDERED that:

1. The hearing scheduled for February 13, 2007 is cancelled.
2. The procedural schedule set forth in Appendix A of the Commission's Order of January 5, 2007, is set aside and the procedural schedule set forth in Appendix A of this Order is substituted.

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<sup>2</sup> Case No. 2005-00053, Application of East Kentucky Power Cooperative, Inc. For a Certificate of Public Convenience and Necessity, and a Site Compatibility Certificate, For the Construction of a 278 MW (Nominal) Circulating Fluidized Bed Coal Fired Unit and Five 90 MW (Nominal) Combustion Turbines in Clark County, Kentucky (Ky. PSC Aug. 29, 2006).

3. A hearing shall be held in this matter on March 6, 2007, in Hearing Room 1 of the Commission's offices at 211 Sower Boulevard, Frankfort, Kentucky. This hearing shall begin upon the conclusion of the hearing in Case No. 2006-00472.<sup>3</sup>

4. At the scheduled hearing, the parties shall address the issues set forth in Appendix B to this Order.

5. EKPC shall, no later than February 23, 2007, file with the Commission the original and 8 copies of the information listed in Appendix C. Each copy of the requested information shall be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. EKPC shall include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request.

6. Any party wishing to move for the recusal of Commissioner Clay shall file its motion no later than February 21, 2007.

Done at Frankfort, Kentucky, this 13<sup>th</sup> day of February, 2007.

By the Commission

ATTEST:

  
Executive Director

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<sup>3</sup> Case No. 2006-00472, General Adjustment of Electric Rates of East Kentucky Power Cooperative, Inc.

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE  
COMMISSION IN CASE NO. 2006-00564 DATED February 13, 2007

Motions for recusal shall be filed no later than ..... 2/21/07

EKPC's response to Commission Staff's  
third set of data requests shall be filed no later than ..... 2/23/07

EKPC's prefiled testimony shall be filed no later than ..... 2/23/07

Public hearing is to be held in Hearing Room 1  
of the Commission's offices at 211 Sower  
Boulevard, Frankfort, Kentucky, upon conclusion  
of the hearing in PSC Case No. 2006-00472 ..... 3/6/07

## APPENDIX B

### APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2006-00564 DATED February 13, 2007

1. In light of Warren Rural Electric Cooperative Corporation's ("WRECC") decision to terminate its power supply agreement with EKPC, is the construction of a 278 MW circulating fluidized bed coal-fired unit ("Smith CFB Unit") by 2009 reasonable and necessary to meet EKPC's base load capacity requirements?

2. Will, given EKPC's present expected demand requirements, EKPC's present plan to construct and place into operation the Smith CFB Unit by 2009 result in the wasteful duplication of facilities or excessive investment?

3. Should the proposed construction of the Smith CFB Unit be delayed?

4. Should, in light of WRECC's decision to terminate its power supply agreement with EKPC and EKPC's decision to delay construction of three 90 MW combustion turbines ("Smith CTs 10-12"), Commission authorization for the construction of these units be rescinded?

5. Does the public convenience and necessity require the immediate construction of two 90 MW combustion turbines at the J. K. Smith Power Station ("Smith CTs 8-9") if construction of the Smith CFB Unit is delayed or cancelled?

6. Is the immediate construction of two 90 MW combustion turbines at the J. K. Smith Power Station ("Smith CTs 8-9") reasonable if construction of the Smith CFB Unit is delayed or cancelled?

7. Does EKPC have a reasonable plan for selling excess power that is not needed to serve native load in the event that construction of any of the facilities for which the Commission issued a CPCN produces excess power?

8. Should any portion of the cost of EKPC's Spurlock No. 4 Unit, Smith CFB Unit, or Smith CTs 8-9 be excluded from recovery in EKPC's general rates if the construction of such unit(s) produces excessive power generation capacity unnecessary to serve native load?

## APPENDIX C

### APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2006-00564 DATED February 13, 2007

1. Refer to the response to Commission Staff's Supplemental Data Request, Item 4.

a. For each of the following winter periods, provide the currently anticipated capacity deficit or surplus situation excluding and including the Smith CTs 8 and 9:

(1) 2007-2008.

(2) 2008-2009.

(3) 2009-2010.

b. State when the current capacity deficit or surplus situation for the referenced winter periods was determined.

c. Given the status of the contracts to procure the Smith CTs 8 and 9, state whether those CTs will be available by the 2008-2009 winter peak season? Explain.

2. Provide an analysis of the extent to which EKPC has relied on its fleet of CTs to meet its native load requirements since January 2003. The analysis should show the extent to which the CT fleet has been used for purposes other than peaking. State all assumptions and show all calculations used to develop this analysis.

3. Refer to the response to Commission Staff's Supplemental Data Request, Item 5. EKPC was requested to provide with its explanation a copy of all data underlying its position, including an analysis of the potential costs or penalties involved



in canceling the Smith contracts. EKPC did not provide the underlying data or an analysis of the potential costs or penalties associated with canceling the Smith contracts. Provide the originally requested information. If such information does not exist, explain in detail why the information is unavailable and how any recommendation regarding the continued construction of the Smith CFB Unit can be developed in the absence of such information.

4. Refer to the response to Commission Staff's Supplemental Data Request, Item 6.

a. State when EKPC assembled and prepared the detailed economic analysis submitted with this response.

b. Explain in detail why the Smith CTs 10-12 were included as of January 2010 in this analysis, given EKPC's statement that these CTs were being delayed to the 2012-2014 time period.

c. For each scenario, provide the following information for the Smith CFB Unit as it was incorporated into the 2010 base case scenario, the 2012 delay scenario, the 2015 delay scenario, and the 2018 delay scenario:

(1) The total investment in the Smith CFB Unit.

(2) The annual amounts for production fuel expense, production operation and maintenance expense, depreciation expense, property taxes, and interest expense.

(3) A detailed explanation of how the amounts for the investment in the Smith CFB Unit and the annual expenses were escalated in the three

delay scenarios. If no escalation was incorporated in the analysis, explain in detail why an escalation was excluded.

(4) The annual market purchases of power for the years 2007 through 2018. Provide the MWh and total dollars.

d. Explain why an annual Times Interest Earned Ratio ("TIER") of 1.10 was included in the analysis

e. Explain why a TIER of 1.10 was established as an apparent required level of earnings in the analysis.

f. Refer to pages 5-12 of the response.

(1) EKPC has filed an application seeking an increase in base rates of \$43,364,219. The analysis, however, shows for 2007 a base rate increase of \$32,181,000. Explain this apparent discrepancy.

(2) Describe how EKPC determined the level of off-system sales shown for 2007 through 2009.

(3) In light of its actual experience in 2005 and the revised budget in 2006, explain in detail why the forecast of off-system sales for the entire analysis is reasonable.

(4) On pages 5 and 6 of 12, the 2010 base case scenario, explain why the fuel adjustment revenues decrease significantly from previous levels from 2010 through 2014.

(5) The analysis shows for the 2010 base case scenario a base rate increase of \$63,173,000 in 2010. The 2012 delay scenario shows a base rate increase of \$40,076,000 in 2012. The 2015 delay scenario shows a base rate increase

of \$31,599,000 in 2015. The 2018 delay scenario shows a base rate increase of \$39,594,000 in 2018. Explain how the year that the Smith CFB Unit goes on line impacts the base rate increase modeled for that year.

5. Prepare a revised detailed economic analysis, from a ratepayer's perspective, showing the effect of an in-service date for the Smith CFB Unit in 2010, 2012, 2015, and 2018. All assumptions used in the originally submitted analysis shall be utilized, with the following exceptions:

a. The Smith CTs 8 and 9 are to be in commercial operation by January 2009, while the Smith CTs 10-12 are to be in commercial operation by January 2012, 2013, and 2014.

b. TIER shall not be fixed in the analysis but, instead, shall reflect the expected results of operations.

c. Base rate increases shall match the forecasted rate increases as shown in EKPC's current 20-year financial forecast.

d. The revenues from off-system sales shall match the levels included in EKPC's current 20-year financial forecast.

e. Fuel adjustment revenues and revenues from the environmental surcharge shall reflect the levels included in EKPC's current 20-year financial forecast.

6. Refer to the response to Commission Staff's Supplemental Data Request, Item 9. EKPC states that it plans to do a more comprehensive examination of plant retirements in the future, but that it is difficult to factor in the impact of future environmental regulations.

a. The Clean Air Interstate Rule ("CAIR") was finalized by the Environmental Protection Agency in March 2005. The CAIR establishes limits for the emission of sulfur dioxide and nitrogen oxide in 2010 and 2015. Explain in detail why EKPC could not conduct a comprehensive examination of plant retirements in the future that reflected the currently known limits contained in the CAIR.

b. In the response, EKPC states: "More analysis will be done as environmental legislation is formulated and has greater clarity." Does EKPC believe the requirements of the CAIR are not sufficiently clear as to what the emission limitations will be through at least 2015? Explain the response in detail.

7. a. State whether EKPC has estimated on a cents-per-kilowatt-hour basis, the cost of power generated by its proposed Smith CFB unit.

b. If EKPC has calculated such an estimate, provide the estimate and all calculations and workpapers used in arriving at the estimate.

c. State whether EKPC believes it can successfully market any excess power generated by its proposed Smith CFB Unit at a price equal to or exceeding the cost. Provide all calculations and workpapers needed to support EKPC's belief.

d. If EKPC has not estimated the cost, explain how construction of the unit can be justified without knowing the cost of power generated.

8 State whether EKPC has investigated selling any excess power generated by the proposed Smith CFB Unit outside its system on a contract basis.

9. State whether EKPC has considered the sale of a portion of the capacity of the proposed Smith CFB Unit going to another entity. If EKPC is not interested in such sale, explain why not.

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>AN INVESTIGATION INTO EAST KENTUCKY</b>	)	<b>CASE NO.</b>
<b>POWER COOPERATIVE, INC.'S CONTINUED</b>	)	<b>2006-00564</b>
<b>NEED FOR CERTIFICATED GENERATION</b>	)	

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE 2006-00564**

**APPENDIX C DATA REQUEST RESPONSE**

**PUBLIC SERVICE COMMISSION'S REQUEST DATED 2/13/07**

In response to the Public Service Commission's Appendix C data request, East Kentucky Power Cooperative, Inc. ("EKPC") submits its responses to the questions contained therein.

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC CASE NO. 2006-00564  
APPENDIX C INFORMATION REQUEST RESPONSE

PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07

REQUEST 1

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

**Request 1.** Refer to the response to Commission Staff's Supplemental Data Request, Item 4.

**Request 1a.** For each of the following winter periods, provide the currently anticipated capacity deficit or surplus situation excluding and including the Smith CTs 8 and 9:

- (1) 2007-2008.
- (2) 2008-2009.
- (3) 2009-2010.

**Response 1a.** EKPC Load Requirements & Resources (MW)

Excludes Smith CTs 8-9

Winter Season	Peak Forecast <sup>1</sup>	Reserves (12%)	Capacity Required (Includes Reserves)	Existing Capacity <sup>2</sup> +Spur 4	Capacity Surplus/ (Deficit) (Based on Peak Forecast)	Capacity Surplus/ (Deficit) (Based on Capacity Required)
2007-08	2,848	342	3,190	2,754	(94)	(436)
2008-09	2,938	353	3,291	2,726	(212)	(565)
2009-10	3,021	362	3,383	3,004	(17)	(379)

<sup>1</sup>Excludes WRECC Load, small interruptible loads, and Gallatin interruptible load.

<sup>2</sup>Adjusted for Scrubber deratings, assumes Spurlock 4 operation April 2009.



The table above shows the expected capacity surplus or deficit without Smith CTs 8-9 based on the winter peak and also the winter peak including reserves. As shown in the table, EKPC is 94 MW short of meeting the projected peak in Winter 2007-08 and 436 MW short of having a 12% reserve margin. With the addition of Spurlock 4 in April 2009, EKPC is 17 MW short of meeting the projected peak in Winter 2009-10 and 379 MW short of having a 12% reserve margin.

**EKPC Load Requirements & Resources (MW)**  
**Includes Smith CTs 8-9**  
**(98 MW each beginning June 2009)**

<b>Winter Season</b>	<b>Peak Forecast<sup>1</sup></b>	<b>Reserves (12%)</b>	<b>Capacity Required (Includes Reserves)</b>	<b>Existing Capacity<sup>2</sup> + Spur 4 &amp; Smith CTs 8-9</b>	<b>Capacity Surplus/ (Deficit) (Based on Peak Forecast)</b>	<b>Capacity Surplus/ (Deficit) (Based on Capacity Required)</b>
2007-08	2,848	342	3,190	2,754	(94)	(436)
2008-09	2,938	353	3,291	2,726	(212)	(565)
2009-10	3,021	362	3,383	3,200	179	(183)

<sup>1</sup>Excludes WRECC Load, small interruptible loads, and Gallatin interruptible load.

<sup>2</sup>Adjusted for Scrubber deratings, assumes Spurlock 4 operation April 2009 and Smith CTs 8-9 in June 2009.

The table above shows the expected capacity surplus or deficit including Smith CTs 8-9 based on the winter peak and also the winter peak including reserves. The data has been adjusted for a change in CT units from the GE LMS100 (97 MW winter) to the GE 7EA (98 MW winter). The reasons for this change in CT units are discussed in more detail in the response to 1.c. below. Due to the expected in service dates of Smith CTs 8-9, there is no change in the data until the winter of 2009-10. As shown in the table, EKPC has a surplus of 179 MW compared to the projected peak in Winter 2009-10 but is still 183 MW short of having a 12% reserve margin.

**Request 1b.** State when the current capacity deficit or surplus situation for the referenced winter periods was determined.

**Response 1b.** EKPC continuously evaluates its capacity and resource situation and makes long-term projections concerning its surplus or deficit of capacity. It is particularly important to update these projections when a new load forecast is developed and approved. The latest load forecast is the 2006 Load Forecast approved by EKPC's Board in August 2006. Extensive information on this forecast was filed with the 2006 IRP. The 2004 RFP issued in April 2004 that led to certification of Spurlock 4, Smith CTs 8-12, and Smith CFB 1 was intended to add capacity resources to meet the projected capacity needs of EKPC's existing members and WRECC in the 2007 to 2010 time period. The fact that WRECC is now excluded does not diminish the growing capacity needs of the existing members that EKPC planned for in 2004 when the RFP was issued.

**Request 1c.** Given the status of the contracts to procure the Smith CTs 8 and 9, state whether those CTs will be available by the 2008-2009 winter peak season? Explain.

**Response 1c.** Commercial operation of two General Electric ("GE") LMS100s, Smith CTs 8 & 9, by January 2009 is now considered by EKPC to be extremely unlikely. In order to meet the January 2009 commercial operation date, the units would need to be manufactured in 2007 and delivered in early 2008. The availability to EKPC of any of GE's limited 2007 LMS100 manufacturing time slots is currently in question, and the terms proposed by GE for these units have changed substantially from the original GE proposal.

GE has recently responded to EKPC's requests for a new proposal for 2 LMS100 Combustion Turbines with a budgetary price of \$140 million, installed, plus or minus 5 percent. The original contract price GE proposed in 2005 was approximately \$94 million

for two units, installed. This represents an approximate 49 percent increase in the capital cost of these units over a two-year period.

In order to meet the January 2009 commercial operation date, GE is requiring a full notice to proceed by March 6, 2007, with “no contingencies”. A payment schedule accompanied GE’s budgetary price, which requires over \$30 million be paid before September 2007, in order to keep the project on a January 2009 schedule.

EKPC faces two major contingencies in regard to the Smith CT Units 8 and 9: Rural Utilities Service (“RUS”) project approval for funding, and the Commission’s review of its Certificate of Public Convenience and Necessity in this proceeding. EKPC is not expected to receive project approval from RUS until September 2007, and EKPC is subject to a 10 percent project expenditure limit until that time. EKPC does not plan to make any payments to GE or any further commitments to the purchase of these units until the Commission’s review in this case is completed.

EKPC’s current re-evaluation of this situation has led to the conclusion that the purchase of the 2 LMS100s is no longer the best alternative. EKPC is now requesting a proposal from GE for 2 7EA combustion turbines. These are the type of combustion turbines most recently installed at the J. K. Smith site. Manufacturing slots for these units are more easily available from GE, and delivery times are shorter than for the LMS100 units. Switching from LMS100s to 7EAs will require an EPA Title V Air Permit revision, but EKPC believes that it can have contractual arrangements and permits for 2 GE 7EAs in place to allow a commercial operation date in second quarter of 2009.

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC CASE NO. 2006-00564  
APPENDIX C INFORMATION REQUEST RESPONSE

PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07  
REQUEST 2

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

**Request 2.** Provide an analysis of the extent to which EKPC has relied on its fleet of CTs to meet its native load requirements since January 2003. The analysis should show the extent to which the CT fleet has been used for purposes other than peaking. State all assumptions and show all calculations used to develop this analysis.

**Response 2.** The table below shows EKPC's CT generation by month for 2003 through 2006. This table includes CT generation for all purposes, which was virtually all for meeting native load requirements.

EKPC CT Generation  
(MWH)

Month	2003	2004	2005	2006
January	32,405	21,371	42,894	4,889
February	9,805	6,436	18,742	6,657
March	10,549	9,361	27,028	6,002
April	4,284	8,303	6,326	553
May	4,329	10,919	27,816	17,149
June	3,359	14,688	61,802	18,684
July	15,544	15,309	67,981	50,869
August	31,746	18,533	103,971	53,876
September	3,325	8,083	43,507	190
October	1,380	3,601	8,227	3,651
November	10,764	8,584	11,386	17,874
December	11,073	34,798	14,668	20,537
Total	138,563	159,986	434,348	200,931

The table below is a summary of CT hours of operation for various purposes, but not including normal economic operation for meeting native load. A detailed listing of these operations is listed at the end of this response.

**EKPC CT Operation Other Than Peaking (Hours of Operation)**

Year	External System Support	Internal System Support	Sales	Testing	TLR	Unit Loss	Voltage Regulation
2003	59	52	204	124	215	87	37
2004	62	95	344	149	871	168	9
2005	6	2375	830	233	775	111	46
2006	48	397	36	41	241	47	152
2007 Thru Feb10th	0	0	0	12	62	0	23

- External System Support: Reliability
- Internal System Support: Internal TLR (Transmission Loading Relief)
- Sales: Used to cover LGE's portion of Gallatin Load
- Test: Unit, ECAR (reliability testing), GE, etc.
- TLR: Transmission Loading Relief
- Unit Loss: Supporting loss of coal unit
- Voltage Regulation: Voltage support and regulation

As seen in the table, EKPC's CTs are very important for the reliability of the system. They provide a hedge against purchase power costs and constraints on imported power. They provide backup for forced outages of coal units or when non-firm power imports are cut.

	<b>External System Support</b>	<b>Internal System Support</b>	<b>SALES</b>	<b>TEST</b>	<b>TLR</b>	<b>UNIT LOSS</b>	<b>Voltage Regulation</b>
<b>2003</b>	59	52	204	124	215	87	37
<b>2004</b>	62	95	344	149	871	168	9
<b>2005</b>	6	2375	830	233	775	111	46
<b>2006</b>	48	397	36	41	241	47	152
<b>2007</b>	0	0	0	12	62	0	23

(hours of use)

**External System Support** Reliability  
**Internal System Support** Internal TLR  
**SALES** Sales - generally to cover LGE's portion of Gallatin  
**TEST** Test - Unit, ECAR, GE, etc  
**TLR** Transmission Load Relief  
**UNIT LOSS** Supporting loss of coal unit  
**Voltage Regulation** Voltage support and regulation









2004	8	1	18	2	55	On @ 16:19 - Off @ 16:14	On line to cover the lge portion of gallatin.	Sales
2004	8	2	8	2	44	On @ 15:58 - Off @ 16:00	On line to cover the lge portion of Gallatin.	Sales
2004	8	2	30	1	24	On @ 19:32 - Off @ 20:56	On line to cover the Lge portion of gallatin.	Sales
2004	8	3	10	10	51	On @ 10:31 - Off @ 21:22	On line to cover the Lge portion of gallatin.	Sales
2004	8	3	23	6	41	On @ 13:44 - Off @ 20:25	On line to cover the Lge portion of gallatin.	Sales
2004	8	4	19	7	8	On @ 13:24 - Off @ 20:32	On line to cover the Lge portion of gallatin.	Sales
2004	9	2	2	0	54	On @ 19:46 - Off @ 20:40	On line to cover the lge portion of gallatin.	Sales
2004	9	2	6	3	48	On @ 14:26 - Off @ 18:14	On line to cover the lge portion of gallatin.	Sales
2004	9	2	8	2	40	On @ 18:28 - Off @ 21:08	On line to cover the lge portion of gallatin.	Sales
2004	9	2	9	1	21	On @ 19:31 - Off @ 20:52	On line to cover the lge portion of gallatin.	Sales
2004	9	3	15	4	39	On @ 15:59 - Off @ 20:38	On line to cover the lge portion of gallatin.	Sales
2004	10	3	23	8	35	On @ 13:14 - Off @ 21:49	On line to cover the Lge portion of gallatin.	Sales
2004	10	3	25	2	6	On @ 18:29 - Off @ 20:35	On line to cover the Lge portion of gallatin.	Sales
2004	10	3	5	3	38	On @ 12:43 - Off @ 18:21	On line to cover the Lge portion of gallatin.	Sales
2004	10	3	18	9	56	On @ 10:45 - Off @ 20:41	On line to cover the Lge portion of gallatin.	Sales
2004	10	3	19	1	44	(On @ 9:49 - Fenced off @ 10:25)(10 Minute forced outage)(On @ 18:17 - Off @ 20:25)	On line to cover the Lge portion of gallatin.	Sales
2004	10	4	27	7	47	(On @ 9:39 - Off @ 11:18)(On @ 14:48 - Off @ 20:38)	On line to cover the lge portion of gallatin.	Sales
2004	11	3	16	3	14	On @ 17:28 - Off @ 20:42	On line to cover the Lge portion of gallatin.	Sales
2004	11	3	22	2	9	On @ 17:36 - Off @ 18:45	On line to cover the Lge portion of gallatin.	Sales
2004	11	4	21	1	49	On @ 17:52 - Off @ 19:41	On line to cover the lge portion of gallatin.	Sales
2004	11	4	23	1	38	On @ 21:31 - Off @ 23:08	On line to cover the lge portion of gallatin.	Sales
2004	11	5	8	2	63	On @ 18:03 - Off @ 20:56	On line to cover the Lge portion of gallatin.	Sales
2004	12	1	8	1	5	On @ 18:17 - Off @ 19:22	On line to cover the Lge portion of gallatin.	Sales
2004	12	1	23	2	10	On @ 18:57 - Off @ 21:07	On line to cover the Lge portion of gallatin.	Sales
2004	12	2	21	11	27	(Off @ 8:54) (On @ 17:48 - Off @ 20:21)	On line to cover the Lge portion of gallatin.	Sales
2004	12	3	10	5	23	On @ 18:13 - Off @ 23:38	On line to cover the lge portion of gallatin.	Sales
2004	12	4	12	1	54	On @ 17:47 - Off @ 19:41	On line to cover the lge portion of gallatin.	Sales
2004	12	4	17	3	35	On @ 20:25	On line to cover the lge portion of gallatin.	Sales
2004	5	2	27	2	12	On @ 18:41 - Off @ 18:53	On line to sell @ \$ 100.	Sales
					2084			344.4
2004	12	4	1	8	5	(On @ 14:20 - Off @ 14:34) (On @ 17:58 - Off @ 23:49)	(1) On line for blackstart last. (2) On line to cover the lge portion of gallatin.	last
2004	2	5	6	10	50	On @ 6:41 - Off @ 16:31	On line for rate test.	TEST
2004	1	4	20	7	15	On @ 6:01 - Off @ 13:16	On line for Test	TEST
2004	12	6	20	16	15	On @ 6:44 - Off @ 21:59	On line for test and load.	TEST
2004	8	1	5	4	56	On @ 7:21 - Off @ 12:17	On line for Test.	TEST
2004	8	1	6	5	47	On @ 14:01 - Off @ 19:48	On line for Test.	TEST
2004	8	3	5	4	28	On @ 11:22 - Off @ 15:50	On line for test.	TEST
2004	12	6	11	0	30	On @ 15:47 - Off @ 16:17	On line for test.	TEST
2004	12	6	14	9	14	On @ 8:43 - Off @ 17:57	On line for test.	TEST
2004	12	6	16	12	44	On @ 10:37 - Off @ 23:21	On line for test.	TEST
2004	12	6	18	12	59	On @ 8:35 - Off @ 21:34	On line for test.	TEST
2004	12	6	21	11	20	On @ 8:42 - Off @ 20:02	On line for test.	TEST
2004	12	7	22	0	22	On @ 11:49 - Off @ 12:11	On line for test.	TEST
2004	12	7	27	7	10	On @ 12:13 - Off @ 19:23	On line for test.	TEST
2004	12	7	29	10	37	On @ 06:12 - Off @ 19:49	On line for test.	TEST
2004	12	7	30	7	27	On @ 12:17 - Off @ 19:44	On line for test.	TEST
2004	5	2	14	3	44	On line @ 10:13 (End of maint outage) Off @ 13:57	On line for testing after outage.	TEST
2004	7	5	6	7	48	On @ 10:53 - Off @ 18:41	On line for testing.	TEST
2004	6	1	19	5	41	On line to test @ 13:10. End of outage. Off @ 18:51	On line to test after generator outage.	TEST
2004	2	2	4	1	37	(Off @ 00:19)(On @ 5:56 - Off @ 7:14)	On line to test gas valve	TEST
2004	4	3	0	0	50	On line @ 20:02 to test unit. Unit is now fully available. Off @ 20:52	On line to test unit after outage.	TEST
2004	3	5	23	1	14	On @ 7:31 - Off @ 8:45	Test unit. Had trouble coming on @ 8:00.	TEST
2004	8	5	27	0	2	On line @ 20:19 - Off @ 20:21	Would not start earlier. Started to make sure it was available.	TEST
					715			148.9166667
2004	7	1	30	6	50	(On @ 13:01 - Off @ 14:01)(On @ 15:53 - Off @ 21:43)	(1) Hourly market above CT cost. (2) On line due to TLR.	TLR
2004	2	2	26	11	14	(On @ 5:56 - Off @ 10:22)(On @ 11:03 - Off @ 14:12)(On @ 18:59 - Off @ 22:38)	(1) Hourly market above CT cost. (2) On line to cover the lge portion of gallatin. (3) On line due to TLR.	TLR
2004	1	1	22	5	42	(On @ 8:03 - Off @ 7:20)(On @ 18:43 - Off @ 23:08)	(1) On line due to TLR (2) On line to cover the LGE portion of gallatin.	TLR
2004	12	3	5	7	17	(On @ 5:55 - Off @ 10:00)(On @ 18:59 - Off @ 22:08)	(1) On line due to TLR. (2) Hourly market is above CT cost.	TLR
2004	2	2	24	5	27	(On @ 6:37 - Off @ 8:21)(On @ 16:54 - Off @ 22:37)	(1) On line due to TLR. (2) On line to cover the lge portion of gallatin.	TLR
2004	12	2	28	6	39	(On @ 05:29 - Off @ 11:14) (On @ 18:06 - Off @ 18:58)	(1) On line due to TLR. (2) On line to cover the Lge portion of gallatin.	TLR
2004	12	4	7	2	58	(On @ 7:18 - Off @ 8:00) (On @ 18:01 - Off @ 19:17)	(1) On line due to TLR. (2) On line to cover the lge portion of gallatin.	TLR
2004	1	2	21	4	7	(On @ 00:03 - Off @ 10:03)(On @ 6:22 - Off @ 8:29)	(1) On line due to TLR's (2) Hourly market above CT cost.	TLR
2004	1	2	11	7	33	(On @ 6:57 - Off @ 11:33)(On @ 18:20 - Off @ 21:17)	(1) On line due to TLR's (2) On line to cover lge portion of gallatin.	TLR
2004	1	2	31	7	45	(Off @ 00:21)(On @ 5:50 - Off @ 10:00)(On @ 18:53 - Off @ 21:56)	(1) On line due to TLR's (2) On line due to TLR's and to cover the lge portion of gallatin.	TLR
2004	12	3	7	45	54	On @ 6:58 - Off @ 8:32) (On @ 17:49)	(1)Hourly market is above CT cost. (2) On line due to TLR.	TLR
2004	1	1	25	3	2	On @ 17:51 - Off @ 20:53	On line due to TLR	TLR
2004	1	3	25	1	58	On @ 17:49 - Off @ 19:47	On line due to TLR	TLR
2004	12	4	2	8	2	On @ 5:22 - Off @ 13:24	On line due to TLR	TLR
2004	12	4	15	2	32	On @ 6:24 - Off @ 8:56	On line due to TLR	TLR

2004	12	4	4	16	4	32	On @ 6:17 - Off @ 10:49	On line due to TLR	TLR
2004	12	4	20	21	48	On @ 1:19 - Off @ 23:07	On line due to TLR	On line due to TLR	TLR
2004	12	4	25	8	4	On @ 05:28 - Off @ 11:30	On line due to TLR	On line due to TLR	TLR
2004	1	4	28	1	58	On @ 18:42 - Off @ 20:40	On line due to TLR	On line due to TLR	TLR
2004	1	2	16	3	43	On @ 6:53 - Off @ 10:04	On line due to TLR	On line due to TLR	TLR
2004	1	2	20	3	11	On @ 6:02 - Off @ 8:45	On line due to TLR	On line due to TLR	TLR
2004	1	2	22	2	7	On @ 6:28 - Off @ 8:33	On line due to TLR	On line due to TLR	TLR
2004	1	2	23	12	50	On @ 6:55 - Off @ 18:45	On line due to TLR	On line due to TLR	TLR
2004	1	2	28	0	38	On @ 8:44 - Off @ 9:20	On line due to TLR	On line due to TLR	TLR
2004	1	2	30	1	25	On @ 23:15	On line due to TLR	On line due to TLR	TLR
2004	1	3	30	0	45	On @ 6:46 - Off @ 9:07	On line due to TLR	On line due to TLR	TLR
2004	2	1	19	3	21	On @ 19:53 - Off @ 21:33	On line due to TLR	On line due to TLR	TLR
2004	5	1	7	1	40	On @ 15:59 - Off @ 21:58	On line due to TLR	On line due to TLR	TLR
2004	5	4	20	5	59	On @ 13:02 - Off @ 22:48	On line due to TLR	On line due to TLR	TLR
2004	5	4	21	9	44	On @ 11:26 - Off @ 18:01	On line due to TLR	On line due to TLR	TLR
2004	5	4	25	8	35	On @ 13:08 - Off @ 21:38	On line due to TLR	On line due to TLR	TLR
2004	6	1	29	8	30	On @ 13:07 - Off @ 19:25	On line due to TLR	On line due to TLR	TLR
2004	6	3	9	6	18	On @ 11:46 - Off @ 17:28	On line due to TLR	On line due to TLR	TLR
2004	6	3	9	5	40	On @ 9:37 - Off @ 15:18	On line due to TLR	On line due to TLR	TLR
2004	6	3	12	5	41	On @ 13:17 - Off @ 18:55	On line due to TLR	On line due to TLR	TLR
2004	6	3	29	5	38	On @ 13:38 - Off @ 22:31	On line due to TLR	On line due to TLR	TLR
2004	7	1	8	8	53	On @ 15:04 - Off @ 23:37	On line due to TLR	On line due to TLR	TLR
2004	7	1	8	8	33	On @ 10:16 - Off @ 18:05	On line due to TLR	On line due to TLR	TLR
2004	7	1	9	7	49	On @ 12:29 - Off @ 14:55	On line due to TLR	On line due to TLR	TLR
2004	7	1	11	2	28	On @ 12:07	On line due to TLR	On line due to TLR	TLR
2004	7	1	13	11	53	On @ 20:51	On line due to TLR	On line due to TLR	TLR
2004	7	1	23	3	9	(Off @ 00:57) (On @ 12:59 - Off @ 18:37)	On line due to TLR	On line due to TLR	TLR
2004	7	1	24	6	35	On @ 14:26 - Off @ 20:34	On line due to TLR	On line due to TLR	TLR
2004	7	2	8	6	8	On @ 16:30 - Off @ 19:39	On line due to TLR	On line due to TLR	TLR
2004	7	2	8	4	9	On @ 12:01 - Off @ 19:30	On line due to TLR	On line due to TLR	TLR
2004	7	2	13	7	29	On @ 15:59 - Off @ 17:47	On line due to TLR	On line due to TLR	TLR
2004	7	2	30	1	48	(On line @ 13:54 - Forced off @ 16:28)(Fully available @ 18:15)	On line due to TLR	On line due to TLR	TLR
2004	7	3	7	4	32	(On line @ 17:34 - Off @ 20:08)(On line @ 21:19 - Off @ 23:29)	On line due to TLR	On line due to TLR	TLR
2004	7	3	7	4	42	On @ 14:57 - Off @ 24:00	On line due to TLR	On line due to TLR	TLR
2004	7	3	8	9	3	On @ 9:55 - Off @ 16:44	On line due to TLR	On line due to TLR	TLR
2004	7	3	9	8	49	On @ 11:34 - Off @ 17:24	On line due to TLR	On line due to TLR	TLR
2004	7	3	11	5	30	(On @ 12:59 - Off @ 18:21) (On @ 22:23 - Off @ 22:52)	On line due to TLR	On line due to TLR	TLR
2004	7	3	24	6	52	On @ 12:17 - Off @ 22:52	On line due to TLR	On line due to TLR	TLR
2004	7	3	25	10	35	On @ 16:30 - Off @ 18:50	On line due to TLR	On line due to TLR	TLR
2004	7	4	6	3	20	On @ 18:10 - Off @ 18:59	On line due to TLR	On line due to TLR	TLR
2004	7	4	8	2	49	On @ 12:42 - Off @ 18:09	On line due to TLR	On line due to TLR	TLR
2004	7	4	9	5	27	On @ 12:59 - Off @ 20:23	On line due to TLR	On line due to TLR	TLR
2004	7	4	13	7	27	On @ 13:47 - Off @ 18:24	On line due to TLR	On line due to TLR	TLR
2004	7	5	6	4	37	On @ 13:21 - Off @ 15:34	On line due to TLR	On line due to TLR	TLR
2004	7	5	9	2	13	On @ 00:12 (On @ 12:38 - Off @ 18:33)	On line due to TLR	On line due to TLR	TLR
2004	7	5	13	7	16	(Off @ 00:12)(On @ 12:38 - Off @ 18:33)	On line due to TLR	On line due to TLR	TLR
2004	8	1	10	3	48	On @ 14:38 - Off @ 18:26	On line due to TLR	On line due to TLR	TLR
2004	8	1	19	8	15	On @ 13:32 - Off @ 19:47	On line due to TLR	On line due to TLR	TLR
2004	8	1	27	4	51	(Off @ 00:49)(On @ 11:59 - Off @ 17:02)	On line due to TLR	On line due to TLR	TLR
2004	8	2	4	6	49	(Off @ 00:49)(On @ 11:59 - Off @ 17:02)	On line due to TLR	On line due to TLR	TLR
2004	8	2	19	3	58	On @ 14:01 - Off @ 17:57	On line due to TLR	On line due to TLR	TLR
2004	8	2	27	8	19	On @ 12:20 - Off @ 20:39	On line due to TLR	On line due to TLR	TLR
2004	8	2	29	7	32	(On @ 13:52 - Off @ 20:24)(On @ 22:25 - Off @ 23:25)	On line due to TLR	On line due to TLR	TLR
2004	8	3	11	3	21	On @ 12:28 - Off @ 15:49	On line due to TLR	On line due to TLR	TLR
2004	8	3	19	11	46	On @ 9:06 - Off @ 20:52	On line due to TLR	On line due to TLR	TLR
2004	8	3	20	0	46	On @ 12:11 - Off @ 12:57	On line due to TLR	On line due to TLR	TLR
2004	8	3	27	10	2	On @ 11:40 - Off @ 21:42	On line due to TLR	On line due to TLR	TLR
2004	8	3	29	10	8	On @ 13:31 - Off @ 23:37	On line due to TLR	On line due to TLR	TLR
2004	8	4	27	5	28	On @ 15:26 - Off @ 20:54	On line due to TLR	On line due to TLR	TLR
2004	8	4	29	8	39	On @ 14:28 - Off @ 23:07	On line due to TLR	On line due to TLR	TLR
2004	8	5	4	2	9	On @ 13:29 - Off @ 15:38	On line due to TLR	On line due to TLR	TLR
2004	9	3	25	4	32	On @ 15:58 - Off @ 20:30	On line due to TLR	On line due to TLR	TLR
2004	10	3	1	3	7	On @ 5:00 - Off @ 8:07	On line due to TLR	On line due to TLR	TLR
2004	11	2	15	15	38	On @ 6:18 - Off @ 21:54	On line due to TLR	On line due to TLR	TLR
2004	11	3	1	17	37	On @ 12:59 - Off @ 22:35	On line due to TLR	On line due to TLR	TLR
2004	11	3	15	17	36	On @ 5:58 - Off @ 23:32	On line due to TLR	On line due to TLR	TLR
2004	11	3	18	3	48	On @ 7:09 - Off @ 10:57	On line due to TLR	On line due to TLR	TLR
2004	11	3	18	3	56	On @ 17:52 - Off @ 18:48	On line due to TLR	On line due to TLR	TLR
2004	11	4	30	0	38	On @ 12:09 - Off @ 13:48	On line due to TLR	On line due to TLR	TLR
2004	12	1	14	1	35	On @ 6:19 - Off @ 7:54	On line due to TLR	On line due to TLR	TLR
2004	12	1	16	5	51	On @ 5:14 - Off @ 11:05	On line due to TLR	On line due to TLR	TLR
2004	12	1	17	5	17	On @ 4:53 - Off @ 10:10	On line due to TLR	On line due to TLR	TLR
2004	12	1	19	5	53	On @ 18:07	On line due to TLR	On line due to TLR	TLR
2004	12	1	24	11	2	(On @ 2:06 - Off @ 11:30) (On @ 22:22)	On line due to TLR	On line due to TLR	TLR

Year	Line #	Day	Time	Description	Unit
2004	4	27	06:19 - Off @ 11:13	On line due to TLR.	TLR
2004	41	1	07:09 - Off @ 09:49	On line due to TLR.	TLR
2004	4	28	8:14 - Off @ 8:18	On line due to TLR.	TLR
2004	4	2	8:14 - Off @ 8:18	On line due to TLR.	TLR
2004	39	5	8:51 - Off @ 9:30	On line due to TLR.	TLR
2004	12	2	8:51 - Off @ 9:30	On line due to TLR.	TLR
2004	32	15	9:02 - Off @ 8:34	On line due to TLR.	TLR
2004	12	2	9:02 - Off @ 8:34	On line due to TLR.	TLR
2004	12	17	4:41 - Off @ 11:09	On line due to TLR.	TLR
2004	12	2	4:41 - Off @ 11:09	On line due to TLR.	TLR
2004	13	19	17:47	On line due to TLR.	TLR
2004	12	2	17:47	On line due to TLR.	TLR
2004	42	23	9:18	On line due to TLR.	TLR
2004	12	2	9:18	On line due to TLR.	TLR
2004	54	24	01:02(On @ 01:52 - Off @ 11:50)(On @ 22:06)	On line due to TLR.	TLR
2004	12	2	01:02(On @ 01:52 - Off @ 11:50)(On @ 22:06)	On line due to TLR.	TLR
2004	10	27	07:49 - Off @ 12:10(On @ 18:11 - Off @ 23:54)	On line due to TLR.	TLR
2004	12	2	07:49 - Off @ 12:10(On @ 18:11 - Off @ 23:54)	On line due to TLR.	TLR
2004	59	3	5:53 - Off @ 9:52	On line due to TLR.	TLR
2004	12	3	5:53 - Off @ 9:52	On line due to TLR.	TLR
2004	12	3	6:28 - 10:27(On @ 10:33 - Off @ 12:23)	On line due to TLR.	TLR
2004	12	3	6:28 - 10:27(On @ 10:33 - Off @ 12:23)	On line due to TLR.	TLR
2004	53	16	4:46 - Off @ 10:39	On line due to TLR.	TLR
2004	12	3	4:46 - Off @ 10:39	On line due to TLR.	TLR
2004	12	3	5:40 - Off @ 8:07	On line due to TLR.	TLR
2004	12	3	5:40 - Off @ 8:07	On line due to TLR.	TLR
2004	39	2	19:02 - Off @ 21:41	On line due to TLR.	TLR
2004	12	3	19:02 - Off @ 21:41	On line due to TLR.	TLR
2004	15	24	02:24 - Off @ 13:31(On @ 22:52)	On line due to TLR.	TLR
2004	12	3	02:24 - Off @ 13:31(On @ 22:52)	On line due to TLR.	TLR
2004	44	27	05:09 - Off @ 10:59	On line due to TLR.	TLR
2004	12	3	05:09 - Off @ 10:59	On line due to TLR.	TLR
2004	35	5	5:24 - Off @ 10:59	On line due to TLR.	TLR
2004	12	5	5:24 - Off @ 10:59	On line due to TLR.	TLR
2004	13	10	8:28 - Off @ 9:39	On line due to TLR.	TLR
2004	12	5	8:28 - Off @ 9:39	On line due to TLR.	TLR
2004	12	5	1:20 - Off @ 12:25	On line due to TLR.	TLR
2004	12	5	1:20 - Off @ 12:25	On line due to TLR.	TLR
2004	39	8	12:02 - Off @ 20:41	On line due to TLR.	TLR
2004	12	5	12:02 - Off @ 20:41	On line due to TLR.	TLR
2004	12	5	09:44 - Off @ 10:57	On line due to TLR.	TLR
2004	12	5	09:44 - Off @ 10:57	On line due to TLR.	TLR
2004	12	5	7:08 - Off @ 11:00	On line due to TLR's	TLR
2004	12	5	7:08 - Off @ 11:00	On line due to TLR's	TLR
2004	1	1	8:10 - Off @ 9:14	On line due to TLR's	TLR
2004	1	1	8:10 - Off @ 9:14	On line due to TLR's	TLR
2004	1	1	8:28 - Off @ 11:28	On line due to TLR's	TLR
2004	1	1	8:28 - Off @ 11:28	On line due to TLR's	TLR
2004	1	1	7:19 - Off @ 11:00	On line due to TLR's	TLR
2004	1	1	7:19 - Off @ 11:00	On line due to TLR's	TLR
2004	1	3	5:51 - Off @ 8:44	On line due to TLR's	TLR
2004	1	3	5:51 - Off @ 8:44	On line due to TLR's	TLR
2004	53	20	8:05 - Off @ 10:46	On line due to TLR's	TLR
2004	1	3	8:05 - Off @ 10:46	On line due to TLR's	TLR
2004	1	4	6:27 - Off @ 9:57	On line due to TLR's	TLR
2004	1	4	6:27 - Off @ 9:57	On line due to TLR's	TLR
2004	1	4	8:57 - Off @ 11:45	On line due to TLR's	TLR
2004	1	4	8:57 - Off @ 11:45	On line due to TLR's	TLR
2004	1	5	6:00 - Off @ 9:13	On line due to TLR's	TLR
2004	1	5	6:00 - Off @ 9:13	On line due to TLR's	TLR
2004	1	5	8:57 - Off @ 11:11	On line due to TLR's	TLR
2004	1	5	8:57 - Off @ 11:11	On line due to TLR's	TLR
2004	4	1	5:59 - Off @ 11:32	On line due to TLR's	TLR
2004	4	1	5:59 - Off @ 11:32	On line due to TLR's	TLR
2004	27	15	6:39 - Off @ 9:49(On @ 20:22 - Off @ 22:40)	On line due to TLR's	TLR
2004	4	1	6:39 - Off @ 9:49(On @ 20:22 - Off @ 22:40)	On line due to TLR's	TLR
2004	4	1	11:04 - Off @ 12:09(On @ 15:01 - Off @ 21:30)	On line due to TLR's	TLR
2004	4	1	11:04 - Off @ 12:09(On @ 15:01 - Off @ 21:30)	On line due to TLR's	TLR
2004	4	1	19:49 - Off @ 22:41	On line due to TLR's	TLR
2004	4	1	19:49 - Off @ 22:41	On line due to TLR's	TLR
2004	4	2	8:51 - Off @ 12:05	On line due to TLR's	TLR
2004	4	2	8:51 - Off @ 12:05	On line due to TLR's	TLR
2004	4	2	20:23 - Off @ 22:09	On line due to TLR's	TLR
2004	4	2	20:23 - Off @ 22:09	On line due to TLR's	TLR
2004	4	3	16:44 - Off @ 21:48	On line due to TLR's	TLR
2004	4	3	16:44 - Off @ 21:48	On line due to TLR's	TLR
2004	4	4	17:28 - Off @ 21:40	On line due to TLR's	TLR
2004	4	4	17:28 - Off @ 21:40	On line due to TLR's	TLR
2004	5	2	11:44 - Off @ 23:39	On line due to TLR's	TLR
2004	5	2	11:44 - Off @ 23:39	On line due to TLR's	TLR
2004	5	2	14:22	On line due to TLR's	TLR
2004	5	2	14:22	On line due to TLR's	TLR
2004	41	23	10:46 - Off @ 21:27	On line due to TLR's	TLR
2004	5	2	10:46 - Off @ 21:27	On line due to TLR's	TLR
2004	40	5	15:08 - Off @ 20:46	On line due to TLR's	TLR
2004	5	2	15:08 - Off @ 20:46	On line due to TLR's	TLR
2004	5	2	16:58 - Off @ 22:06	On line due to TLR's	TLR
2004	5	2	16:58 - Off @ 22:06	On line due to TLR's	TLR
2004	5	2	11:27 - Off @ 20:56	On line due to TLR's	TLR
2004	5	2	11:27 - Off @ 20:56	On line due to TLR's	TLR
2004	6	2	13:41 - Off @ 21:23	On line due to TLR's	TLR
2004	6	2	13:41 - Off @ 21:23	On line due to TLR's	TLR
2004	6	2	10:53 - Off @ 18:22	On line due to TLR's	TLR
2004	6	2	10:53 - Off @ 18:22	On line due to TLR's	TLR
2004	3	12	00:33(On @ 9:36 - Off @ 18:06)	On line due to TLR's	TLR
2004	6	2	00:33(On @ 9:36 - Off @ 18:06)	On line due to TLR's	TLR
2004	6	2	12:52 - Off @ 21:28	On line due to TLR's	TLR
2004	6	2	12:52 - Off @ 21:28	On line due to TLR's	TLR
2004	6	2	17:24 - Off @ 21:03	On line due to TLR's	TLR
2004	6	2	17:24 - Off @ 21:03	On line due to TLR's	TLR
2004	4	5	6:16 - Off @ 8:09	On line due to TLR's	TLR
2004	4	5	6:16 - Off @ 8:09	On line due to TLR's	TLR
2004	4	5	7:05 - Off @ 8:26	On line due to TLR's	TLR
2004	4	5	7:05 - Off @ 8:26	On line due to TLR's	TLR
2004	4	5	18:40 - Off @ 23:24	On line due to TLR's	TLR
2004	4	5	18:40 - Off @ 23:24	On line due to TLR's	TLR
2004	5	3	13:31 - Off @ 16:24	On line due to TLR's	TLR
2004	6	4	13:31 - Off @ 16:24	On line due to TLR's	TLR
2004	6	4	9:48 - Off @ 17:23	On line due to TLR's	TLR
2004	6	4	9:48 - Off @ 17:23	On line due to TLR's	TLR
2004	6	4	9:48 - Off @ 14:40	On line due to TLR's	TLR
2004	6	4	9:48 - Off @ 14:40	On line due to TLR's	TLR
2004	4747	12			871
2004	10	17	7:01 - Off @ 10:12(On @ 12:15 - Off @ 18:14)	(1) On line due to Spik 1 trip. (2) On line to cover the 1/2 portion of gallon.	UNIT LOSS
2004	2	2	17:34 - Off @ 22:13	On line due to Cooper Trip	UNIT LOSS
2004	10	17	17:34 - Off @ 22:13	On line due to Cooper Trip	UNIT LOSS
2004	39	3	17:27 - Off @ 23:19	On line due to loss of Cooper 2.	UNIT LOSS
2004	6	3	17:27 - Off @ 23:19	On line due to loss of Cooper 2.	UNIT LOSS
2004	35	3	17:53 - Off @ 21:28	On line due to loss of Cooper 2.	UNIT LOSS
2004	1	3	17:53 - Off @ 21:28	On line due to loss of Cooper 2.	UNIT LOSS
2004	5	3	17:50 - Off @ 22:44	On line due to loss of Spik 1 feedpump.	UNIT LOSS
2004	6	3	17:50 - Off @ 22:44	On line due to loss of Spik 1.	UNIT LOSS
2004	15	7	9:10(On @ 15:08 - Off @ 18:13)	On line due to loss of Spik 2.	UNIT LOSS
2004	1	7	9:10(On @ 15:08 - Off @ 18:13)	On line due to loss of Spik 2.	UNIT LOSS
2004	6	3	7:07 - Off @ 8:17	On line due to loss of Spik 2.	UNIT LOSS
2004	6	3	7:07 - Off @ 8:17	On line due to loss of Spik 2.	UNIT LOSS
2004	31	11	8:28 - Off @ 13:54	On line due to loss of Spik 2.	UNIT LOSS
2004	3	11	8:28 - Off @ 13:54	On line due to loss of Spik 2.	UNIT LOSS
2004	3	11	6:17 - Off @ 16:11	On line due to loss of Spik 2.	UNIT LOSS
2004	3	11	6:17 - Off @ 16:11	On line due to loss of Spik 2.	UNIT LOSS
2004	59	3	6:39 - Off @ 8:38	On line due to loss of Spik 2.	UNIT LOSS
2004	3	3	6:39 - Off @ 8:38	On line due to loss of Spik 2.	UNIT LOSS
2004	3	3	8:29 - Off @ 10:11	On line due to loss of Spik 2.	UNIT LOSS
2004	3	3	8:29 - Off @ 10:11	On line due to loss of Spik 2.	UNIT LOSS
2004	3	4	6:44 - Off @ 11:40	On line due to loss of Spik 2.	UNIT LOSS
2004	3	4	6:44 - Off @ 11:40	On line due to loss of Spik 2.	UNIT LOSS
2004	3	4	6:47 - Off @ 8:45	On line due to loss of Spik 2.	UNIT LOSS
2004	3	4	6:47 - Off @ 8:45	On line due to loss of Spik 2.	UNIT LOSS
2004	3	5	6:42 - Off @ 11:12	On line due to loss of Spik 2.	UNIT LOSS
2004	3	5	6:42 - Off @ 11:12	On line due to loss of Spik 2.	UNIT LOSS
2004	3	5	8:51 - Off @ 14:43	On line due to loss of Spik 2.	UNIT LOSS
2004	3	5	8:51 - Off @ 14:43	On line due to loss of Spik 2.	UNIT LOSS
2004	11	2	21:51 - Off @ 23:28	On line due to loss of Spik 2 bleed outage.	UNIT LOSS
2004	11	2	21:51 - Off @ 23:28	On line due to loss of Spik 2 bleed outage.	UNIT LOSS

2004	11	3	11	2	10	On @ 21:50	On line due to Spik 2 forced outage.	UNIT LOSS	188.2166667
2004	1	1	28	5	49	On @ 9:25 - Off @ 15:14	On line due to Spik 2 trip	UNIT LOSS	
2004	1	3	26	4	60	On @ 8:28 - Off @ 14:18	On line due to Spik 2 trip	UNIT LOSS	
2004	1	4	26	4	9	On @ 9:36 - Off @ 13:45	On line due to Spik 2 trip	UNIT LOSS	
2004	1	5	26	4	1	On @ 9:37 - Off @ 13:39	On line due to Spik 2 trip	UNIT LOSS	
2004	1	2	26	7	43	On @ 8:13 - Off @ 16:58	On line due to Spik 2 trip.	UNIT LOSS	
2004	9	2	3	4	33	On @ 13:09 - Off @ 17:42	On line due to the loss of Smith 3. Hourly market is above CT cost.	UNIT LOSS	
2004	2	1	9	8	16	On @ 16:11 - Off @ 23:26	On line due to the loss of Spurlock 1	UNIT LOSS	
2004	2	3	9	4	44	On @ 16:11 - Off @ 19:55	On line due to the loss of Spurlock 1	UNIT LOSS	
2004	2	1	4	1	20	On @ 7:37 - Off @ 8:57	On line due to trip of Smith 2	UNIT LOSS	
2004	6	2	10	11	12	On @ 12:22 - Off @ 23:34	On line for reliability. Loss of Cooper 2. Trying to avert TLR'S.	UNIT LOSS	
2004	6	3	10	9	43	On @ 12:51 - Off @ 22:34	On line for reliability. Loss of Cooper 2. Trying to avert TLR'S.	UNIT LOSS	
2004	6	4	10	8	6	On @ 13:58 - Off @ 22:04	On line for reliability. Loss of Cooper 2. Trying to avert TLR'S.	UNIT LOSS	
2004	6	5	10	4	8	On @ 14:42 - Off @ 18:48	On line for reliability. Loss of Cooper 2. Trying to avert TLR'S.	UNIT LOSS	
			152		973				
2004	6	4	7	8	49	On @ 12:55 - Off @ 21:44	On line to support voltage.	Voltage Regulation	8.816666667

Year	Month	Unit	DATE	HOURS	MINUTES	COMMENTS	Support Type
2005	12	2	2	5	31	On @ 0547--Off @ 1118 5.516666667	external system support
2005	5	1	19	9	18	On @ 12:30 - Off @ 21:48	Internal System Support
2005	5	2	19	12	29	On @ 11:07 - Off @ 23:36	Internal System Support
2005	5	2	20	12	29	On @ 11:31	Internal System Support
2005	5	4	3	6	51	(On @ 4:00 - Off @ 7:24) (On @ 8	Internal System Support
2005	5	4	12	12	35	On @ 10:49 - Off @ 23:24	Internal System Support
2005	5	4	13	10	26	On @ 13:34	Internal System Support
2005	5	4	17	12	49	On @ 10:51 - Off @ 23:40	Internal System Support
2005	5	4	19	15	28	(Off @ 00:06) (On @ 8:38)	Internal System Support
2005	5	4	20	17	29	(Off @ 2:16) (On @ 8:28 - Off @ 2	Internal System Support
2005	5	4	21	10	41	On @ 11:58 - Off @ 22:39	Internal System Support
2005	5	4	28	8	44	On @ 13:17 - Off @ 22:01	Internal System Support
2005	5	4	30	10	10	On @ 12:52 - Off @ 23:02	Internal System Support
2005	5	4	31	7	40	On @ 13:54 - Off @ 21:34	Internal System Support
2005	5	5	12	9	30	On @ 11:40 - Off @ 21:10	Internal System Support
2005	5	5	13	8	20	On @ 11:29 - Off @ 19:49	Internal System Support
2005	5	5	17	7	56	On @ 14:28 - Off @ 22:24	Internal System Support
2005	5	5	19	11	9	On @ 10:19 - Off @ 21:28	Internal System Support
2005	5	5	20	8	35	On @ 9:47 - Off @ 18:22	Internal System Support
2005	5	6	17	5	8	On @ 15:33 - Off @ 20:41	Internal System Support
2005	3	4	7	8	3	(Off @ 00:30) (On @ 5:13 - Off @ (1) On line for CPS. (2) Hourly market is above CT	Internal System Support
2005	3	6	7	4	36	(On @ 5:44 - Off @ 7:57) (On @ 1 (1) On line for CPS. (2) Hourly market is above CT	Internal System Support
2005	9	2	11	5	42	On @ 15:01-Off @ 20:43	Internal System Support
2005	9	2	12	7	12	On @ 15:00-Off @ 22:12	Internal System Support
2005	9	2	15	10	17	On @ 12:23-Off @ 22:40	Internal System Support
2005	9	2	17	8	22	On @ 11:51-Off @ 20:13	Internal System Support
2005	9	2	18	10	6	On @ 11:30-Off @ 21:36	Internal System Support
2005	9	2	19	11	27	On @ 10:59-Off @ 22:26	Internal System Support
2005	9	2	20	12	21	On @ 09:41-Off @ 22:02	Internal System Support
2005	9	2	22	11	54	On @ 11:37Off @ 23:31	Internal System Support
2005	9	2	23	10	51	On @ 11:48-off @ 22:39	Internal System Support
2005	9	2	24	11	53	On @ 11:26-Off @ 23:19	Internal System Support
2005	9	3	1	10	2	ON LINE @ 13:02 Off @ 23:04	Internal System Support
2005	9	3	23	5	11	T.G. 812 MWS	Internal System Support
2005	9	5	1	11	7	On @ 17:05-Off @ 22:16	Internal System Support
2005	9	5	2	8	10	On @ 10:51-Off @ 21:58	Internal System Support
2005	9	5	22	7	35	on at 10:58-Off @ 19:08	Internal System Support
2005	9	5	23	10	33	On @ 13:30-off @ 21:05	Internal System Support
2005	9	5	24	12	32	On @ 12:21-Off @ 22:54	Internal System Support
2005	9	6	10	9	2	On @ 10:35-Off @ 12:44	Internal System Support
2005	9	6	11	6	21	On @ 11:59-Off @ 21:01	Internal System Support
2005	9	6	12	8	23	On @ 12:55-Off @ 19:16	Internal System Support
2005	9	6	13	7	24	On @ 12:30-Off @ 20:53	Internal System Support
2005	9	6	14	6	7	On @ 13:54-Off @ 21:18	Internal System Support
2005	9	6	14	6	7	On @ 15:10-Off @ 21:17	Internal System Support

KU Rodburn to Goddard

2005	9	6	15	7	57	On @ 12:53-Off @ 20:50	AVON - BBNO	Internal System Support
2005	9	6	16	7	11	On @ 14:59-Off @ 22:10	AVON - BBNO	Internal System Support
2005	9	6	19	7	58	On @ 13:31-Off @ 21:29	AVON - BBNO	Internal System Support
2005	9	6	20	8	16	On @ 13:13-Off @ 21:29	AVON - BBNO	Internal System Support
2005	9	6	21	5	9	On @ 15:04-Off @ 20:13	AVON - BBNO	Internal System Support
2005	9	6	24	5	22	On @ 12:37-Off @ 17:59	AVON - BBNO	Internal System Support
2005	9	7	23	8	19	On @ 14:15-Off @ 22:34	Avon - BBNO	Internal System Support
2005	9	7	24	7	22	On @ 12:23-Off @ 19:45	Avon - BBNO	Internal System Support
2005	9	4	22	10	46	On @ 12:06-Off @ 22:52	Avon load	Internal System Support
2005	8	4	15	15	51	Off @ 00:05 On @ 07:05-Off @ 2	Avon xrmfomer too high	Internal System Support
2005	9	4	21	8	38	On @ 13:00-Off @ 21:38	Avon/BBNO load	Internal System Support
2005	9	4	23	11	46	On @ 11:27-Off @ 23:13	Avon/BBNO load	Internal System Support
2005	8	6	16	16	44	On @ 05:50-Off @ 22:34	Avon-Bbno	Internal System Support
2005	8	7	16	11	54	On @ 09:37-Off @ 21:31	Avon-Bbno	Internal System Support
2005	8	7	17	10	30	(On @ 06:06-Off @ 09:03) (On @	Avon-Bbno	Internal System Support
2005	8	6	17	17	21	(On @ 05:23-Off @ 11:52) (On @	Avon-Bbno/Hourly Market	Internal System Support
2005	9	4	24	14	24	On @ 09:05-Off @ 23:29	BBNO and Avon Xformer	Internal System Support
2005	9	3	21	11	57	On @ 10:29-Off @ 22:26	On oil	Internal System Support
2005	12	2	15	7	27	On @ 1633-Off @ 2400	Doing dry run and left on for Avon/BBNO	Internal System Support
2005	12	2	16	14	39	On @ 00-Off @ 0014 On @ 0413-	On for Regulation	Internal System Support
2005	12	2	17	5	9	On @ 1054-Off @ 1202 On @ 19	On for Regulation	Internal System Support
2005	12	2	18	2	27	On @ 1922-Off @ 2149	On for Regulation	Internal System Support
2005	12	2	20	9	20	On @ 0451-Off @ 0905 On @ 18:	On for Regulation	Internal System Support
2005	12	2	22	7	52	On @ 0522-Off @ 1145 On @ 21:	On for Regulation	Internal System Support
2005	12	2	21	10	42	On @ 0000-Off @ 0102 On @ 04:	On for Regulation/TLR	Internal System Support
2005	6	4	1	8	3	On @ 13:45 - Off @ 21:48	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	4	10	43	On @ 11:57 - Off @ 22:40	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	12	9	19	On @ 14:41	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	13	9	53	(Off @ 00:46) (On @ 14:36 - Off @	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	15	15	44	(Off @ 2:04) (On @ 9:44 - Off @ 2	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	16	14	6	On @ 9:08 - Off @ 23:14	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	17	9	21	On @ 13:34 - Off @ 22:55	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	23	13	46	On @ 10:09 - Off @ 23:55	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	24	12	18	On @ 11:41 - Off @ 23:59	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	26	11	46	On @ 12:14	On line due to AVON - BBNO line overload.	Internal System Support
2005	6	4	30	16	33	(Off @ 02:15) (On @ 09:42)	On line due to AVON - BBNO line overload.	Internal System Support
2005	2	1	11	11	10	On @ 00:27 - Off @ 11:37	On line due to Avon - Date line overload.	Internal System Support
2005	2	1	12	3	50	On @ 6:29 - Off @ 10:19	On line due to Avon - Date line overload.	Internal System Support
2005	2	3	11	4	12	On @ 5:01 - Off @ 9:13	On line due to Avon - Date line overload.	Internal System Support
2005	8	2	16	9	58	(Off @ 01:08) (On @ 15:10)	On line due to Avon transformer	Internal System Support
2005	6	2	13	7	59	On @ 16:01	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	2	25	13	47	(Off @ 00:03) (On @ 10:16)	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	2	30	13	28	(Off @ 01:31) (On @ 12:03)	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	3	19	6	8	On @ 16:40 - Off @ 22:48	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	3	29	1	51	On @ 22:09	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	5	4	6	0	On @ 12:48 - Off @ 18:48	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	5	23	5	22	On @ 14:16 - Off @ 19:38	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	5	24	4	31	On @ 15:38 - Off @ 20:09	On line due to AVON/BBNO line overload.	Internal System Support

2005	6	6	12	6	19	On @ 17:34 - Off @ 23:53	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	13	6	9	On @ 15:00 - Off @ 21:09	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	16	12	27	On @ 10:40 - Off @ 23:07	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	17	11	37	On @ 10:33 - Off @ 22:10	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	18	11	4	On @ 10:56 - Off @ 22:00	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	19	7	56	On @ 14:44 - Off @ 22:40	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	20	10	57	On @ 10:31 - Off @ 21:28	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	21	4	8	On @ 11:47 - Off @ 15:55	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	22	11	57	On @ 10:35 - Off @ 22:32	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	23	12	3	On @ 11:19 - Off @ 23:22	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	24	9	42	On @ 12:18 - Off @ 22:00	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	25	14	10	On @ 9:50	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	26	12	47	(Off @ 02:09) (On @ 13:13 - Off @ 13:13)	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	6	30	12	31	On @ 11:29	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	4	5	52	On @ 12:52 - Off @ 18:44	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	13	4	12	On @ 15:00 - Off @ 19:12	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	16	10	48	On @ 11:59 - Off @ 22:47	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	17	6	38	On @ 11:32 - Off @ 18:10	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	18	5	59	On @ 14:05 - Off @ 20:04	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	19	6	26	On @ 15:28 - Off @ 21:54	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	22	9	44	On @ 10:06 - Off @ 19:50	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	23	9	28	On @ 11:53 - Off @ 21:21	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	24	8	51	On @ 14:24 - Off @ 23:15	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	25	12	28	On @ 11:07 - Off @ 23:35	On line due to AVON/BBNO line overload.	Internal System Support
2005	6	7	30	13	35	On @ 10:25	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	1	24	4	59	On @ 16:47 - Off @ 21:46	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	1	15	5	(Off @ 02:08) (On @ 11:03)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	2	13	22	(Off @ 03:07) (On @ 13:42 - Off @ 13:42)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	3	10	27	On @ 12:06 - Off @ 22:33	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	9	7	35	On @ 14:03 - Off @ 21:38	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	21	18	18	(Off @ 06:03) (On @ 11:45)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	23	14	0	On @ 10:00	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	24	13	36	(Off @ 01:20) (On @ 10:45 - Off @ 10:45)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	27	18	6	(Off @ 03:11) (On @ 08:42 - Off @ 08:42)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	28	14	10	On @ 09:50	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	29	15	7	(Off @ 02:18) (On @ 09:28 - Off @ 09:28)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	30	11	43	On @ 09:08 - Off @ 20:51	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	2	31	10	34	On @ 10:55 - Off @ 21:29	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	3	21	4	21	On @ 13:40 - Off @ 18:01	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	3	23	8	2	On @ 13:50 - Off @ 21:52	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	3	24	10	28	On @ 12:03 - Off @ 22:31	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	3	29	7	20	On @ 11:37 - Off @ 18:57	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	1	16	37	(Off @ 01:58) (On @ 09:21)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	2	14	33	(Off @ 02:07) (On @ 11:00 - Off @ 11:00)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	9	10	1	On @ 12:59 - Off @ 23:00	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	10	10	9	On @ 11:43 - Off @ 21:52	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	21	18	18	(Off @ 03:24) (On @ 09:06)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	23	11	0	On @ 13:00	On line due to AVON/BBNO line overload.	Internal System Support



2005	7	4	24	16	13	(Off @ 02:15) (On @ 10:02)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	25	15	39	(Off @ 00:34) (On @ 8:55)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	28	10	21	On @ 13:39	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	29	14	41	(Off @ 1:56) (On @ 11:02 - Off @	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	30	12	33	On @ 10:09 - Off @ 22:42	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	4	31	11	35	On @ 11:53 - Off @ 23:28	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	5	1	11	8	On @ 12:52	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	5	3	8	31	On @ 13:19 - Off @ 21:50	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	5	21	16	43	(Off @ 02:40) (On @ 09:57)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	5	23	10	2	On @ 11:34 - Off @ 21:36	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	5	24	7	10	On @ 12:49 - Off @ 19:59	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	5	27	5	22	On @ 13:19 - Off @ 18:41	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	1	14	55	(Off @ 00:58) (On @ 10:03)	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	10	6	46	On @ 12:18 - Off @ 19:04	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	21	9	43	On @ 09:34 - Off @ 19:17	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	23	9	47	On @ 10:07 - Off @ 19:54	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	24	11	29	On @ 11:23 - Off @ 22:52	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	27	14	55	(Off @ 02:04) (On @ 08:58 - Off @	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	28	13	6	On @ 10:54	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	29	13	57	(Off @ 01:29) (On @ 11:05 - Off @	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	6	31	9	48	On @ 12:39 - Off @ 22:27	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	7	2	10	16	On @ 11:33 - Off @ 21:49	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	7	3	10	34	On @ 11:46 - Off @ 22:20	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	7	21	12	23	On @ 09:58 - Off @ 22:21	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	7	23	8	52	On @ 10:44 - Off @ 19:36	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	7	24	10	25	On @ 11:30 - Off @ 21:55	On line due to AVON/BBNO line overload.	Internal System Support
2005	7	7	28	12	0	On @ 12:00	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	12	18	35	On @ 05:25	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	13	15	28	(Off @ 01:09) (On @ 08:44-Off @	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	17	13	10	(Off @ 02:05) (On @ 12:55)	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	21	10	8	Off @ 04:18 On @ 17:56-Off @ 2:	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	22	18	16	On @ 05:44	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	24	19	38	Off @ 01:37 On @ 05:59	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	25	19	31	Off @ 1:07 On @ 05:36	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	27	9	7	On @ 12:08-Off @ 21:15	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	28	7	18	On @ 09:37-Off @ 16:55	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	2	31	8	37	On @ 15:23	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	3	25	12	25	On @ 11:24-Off @ 23:49	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	3	26	6	18	On @ 04:15-Off @ 10:33	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	12	18	47	(Off @ 03:29) (On @ 08:42-Off @	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	13	8	17	On @ 10:39-Off @ 18:56	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	14	13	16	On @ 10:44	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	21	13	55	Off @ 03:17 On @ 12:51 - Off @ :	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	22	14	49	On @ 09:11	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	24	14	55	Off @ 00:47 On @ 09:52	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	27	11	4	On @ 10:49-Off @ 21:53	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	4	28	8	1	On @ 09:08-Off @ 17:09	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	5	20	11	46	On @ 09:53-Off @ 21:39	On line due to AVON/BBNO line overload.	Internal System Support

2005	8	5	23	6	5	On @ 15:36-Off @ 21:41	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	5	24	5	47	On @ 16:10-Off @ 21:57	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	5	25	9	1	On @ 12:33-Off @ 21:34	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	5	26	1	55	On @ 06:21-Off @ 08:16	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	6	6	41	On @ 12:50 - Off @ 19:31	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	13	7	46	On @ 10:49-Off @ 18:35	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	14	10	49	On @ 11:58-Off @ 22:47	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	18	16	27	Off @ 00:16 On @ 07:49	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	19	18	25	Off @ 00:37 On @ 05:53-Off @ 2:0	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	20	14	44	On @ 08:42-Off @ 23:26	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	21	10	48	On @ 10:37-Off @ 21:25	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	22	10	27	On @ 11:29-Off @ 21:56	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	23	10	30	On @ 13:17-Off @ 23:37	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	24	9	37	On @ 13:33 - Off @ 23:10	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	25	11	26	On @ 11:26-Off @ 22:52	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	6	26	4	36	On @ 05:27-Off @ 10:03	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	6	8	36	On @ 12:50 - Off @ 21:26	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	13	6	23	On @ 10:54-Off @ 17:17	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	14	9	26	On @ 12:59-Off @ 22:25	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	20	13	47	On @ 09:02-Off @ 22:49	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	21	9	41	On @ 12:01-Off @ 21:42	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	22	6	12	On @ 15:27-Off @ 21:39	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	23	8	41	On @ 14:22-Off @ 23:03	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	24	7	34	On @ 14:57-Off @ 22:31	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	25	12	39	On @ 09:10-Off @ 21:49	On line due to AVON/BBNO line overload.	Internal System Support
2005	8	7	31	6	59	On @ 17:01	On line due to AVON/BBNO line overload.	Internal System Support
2005	2	1	28	2	45	On @ 19:19 - Off @ 22:04	On line due to congestion.	Internal System Support
2005	3	6	3	5	14	On @ 4:23 - Off @ 9:37	On line due to congestion.	Internal System Support
2005	3	7	3	3	43	On @ 5:16 - Off @ 8:59	On line due to congestion.	Internal System Support
2005	8	4	5	9	35	On @ 11:53 - Off @ 21:28	On line due to low voltage at Dale.	Internal System Support
2005	8	3	18	13	51	On @ 10:09	On line due to problem with Hydro. Keeping on line fo	Internal System Support
2005	8	2	11	17	24	On @ 04:56 - Off @ 22:20	On line due to Transmission problems at Avon and Hc	Internal System Support
2005	1	4	6	9	0	On @ 13:33 - Off @ 22:33	On line for CPS.	Internal System Support
2005	7	7	13	0	24	(On @ 12:25 - Off @ 12:38) (On @	On line for stack repair.	Internal System Support
2005	2	4	4	4	54	On @ 3:26 - Off @ 8:20	On line to relieve line overload. Avon - Dale.	Internal System Support
2005	2	4	18	2	47	On @ 5:56 - Off @ 8:43	On line to relieve line overload. Avon - Dale.	Internal System Support
2005	9	7	21	1	40	On line at 16:22-Off @ 18:02 accit	Spik 2 dropping load	Internal System Support
2005	7	6	12	0	19	On @ 14:20 - Off @ 14:39	Heating stack liner for repair.	internal system support
2005	7	6	13	3	10	(On @ 7:06 - Off @ 7:17) (On @ 8	Heating stack liner for repair.	internal system support
2005	8	4	11	14	33	On @ 09:27	Hourly Market is above CT cost. Keeping on line @ 22	internal system support
2005	8	6	11	14	11	On @ 09:49	Hourly Market is above CT cost. Keeping on line @ 22	internal system support
2005	8	7	11	13	55	On @ 10:05	Hourly Market is above CT cost. Keeping on line @ 22	internal system support
2005	7	4	18	13	57	On @ 9:52 - Off @ 23:49	Hourly market is above CT cost. Kept on line @ 22:17	internal system support
2005	7	6	18	13	0	On @ 10:27 - Off @ 23:27	Hourly market is above CT cost. Kept on line @ 22:17	internal system support
2005	10	5	3	9	48	On @ 10:49-Off @ 20:37	Loudon line overload	internal system support
					2260	2374.716667		
2005	1	1	17	9	46	(On @ 7:36 - Off @ 12:16) (On @	(1) Hourly market is above CT cost. (2) On line to cover sales	

2005	1	6	27	6	58	(On @ 8:08 - Off @ 9:36) (On @ 1 (1) Hourly market is above CT cost. (2) On line to cover sales	SALES
2005	1	22	13	13	23	On line to cover the Lge portion of gallatin.	SALES
2005	1	26	4	4	41	On line to cover the Lge portion of gallatin.	SALES
2005	1	6	14	4	41	On line to cover the Lge portion of gallatin.	SALES
2005	1	2	10	5	32	On line to cover the Lge portion of gallatin.	SALES
2005	1	2	14	4	21	On line to cover the Lge portion of gallatin.	SALES
2005	1	2	21	0	30	On @ 7:14 - Forced Off @ 7:44	SALES
2005	1	3	23	4	54	On @ 19:06	SALES
2005	1	4	8	13	10	On @ 10:10 - Off @ 23:20	SALES
2005	1	4	16	3	11	On @ 18:56 - Off @ 22:07	SALES
2005	1	4	17	22	1	On @ 1:59	SALES
2005	1	5	8	3	39	On @ 10:42 - Off @ 14:21	SALES
2005	1	5	28	2	5	On @ 7:05 - Off @ 9:10	SALES
2005	1	6	22	6	20	On @ 17:40	SALES
2005	2	6	4	2	39	On @ 7:46 - Off @ 10:25	SALES
2005	3	5	10	1	3	On @ 6:56 - Off @ 7:59	SALES
2005	3	6	6	4	32	On @ 19:22 - Off @ 23:54	SALES
2005	4	4	4	2	4	On @ 19:44 - Off @ 21:48	SALES
2005	5	4	1	1	0	On @ 20:33 - Off @ 21:33	SALES
2005	5	4	2	2	38	On @ 20:12 - Off @ 22:50	SALES
2005	5	4	10	3	35	On @ 15:16 - Off @ 18:51	SALES
2005	5	4	23	12	3	On @ 9:43 - Off @ 21:46	SALES
2005	6	2	7	7	18	On @ 15:41 - Off @ 22:59	Hourly market is above CT cost. Gallatin buythrough. sales
2005	6	5	8	4	56	Hourly market is above CT cost. Gallatin buythrough. sales	SALES
2005	6	7	7	3	51	Hourly market is above CT cost. Gallatin buythrough. sales	SALES
			149		681	830	
2005	1	1	6	9	49	(On @ 6:49 - Off @ 8:08) (On @ 1 (1) On line for test (2) On line for CPS.	TEST
2005	2	6	16	11	51	(On @ 5:52 - Off @ 15:07) (On @	TEST
2005	1	7	3	6	12	(1) On line for test. (2) On line to cover the lge portion	TEST
2005	2	5	14	6	34	GE performance test	test
2005	2	6	17	11	24	On line for RATA test.	test
2005	2	6	18	7	34	On line for RATA Test.	test
2005	1	6	14	1	38	On line for RATA Test.	test
2005	1	7	14	1	26	On line for stack test.	test
2005	1	1	10	0	8	On line for stack test.	TEST
2005	1	6	6	4	20	On line for test.	TEST
2005	1	6	10	8	2	On @ 11:18 - Off @ 15:38	TEST
2005	1	6	19	2	20	On @ 13:47 - Off @ 21:49	TEST
2005	1	6	19	0	42	On @ 10:51 - Off @ 13:11	TEST
2005	2	3	12	0	15	On @ 13:35 - Off @ 14:17	TEST
2005	2	6	15	14	49	On @ 9:50 - Off @ 10:05	TEST
2005	2	7	15	12	43	On @ 7:04 - Off @ 21:53	TEST
2005	2	7	16	8	44	On @ 7:04 - Off @ 19:47	TEST
2005	2	7	17	11	23	On @ 5:52 - Off @ 14:36	TEST
2005	2	7	18	6	58	On @ 5:46 - Off @ 17:09	TEST
2005	3	5	4	1	32	On @ 4:46 - Off @ 11:44	TEST
2005	6	2	2	12	45	On @ 19:25 - Off @ 20:57	TEST
						On @ 10:05 - Off @ 22:50	TEST

2005	6	3	7	1	35	On line for test @ 17:51 - Tripped , On line for test.	TEST
2005	6	3	8	5	43	On @ 13:39 - Off @ 19:22 (End M: On line for test.	TEST
2005	11	2	28	1	14	On @ 0857-Off @ 0811	TEST
2005	1	6	11	4	2	On @ 10:34 - Off @ 14:36	TEST
2005	1	6	7	10	15	On @ 10:53 - Off @ 21:08	TEST
2005	1	7	11	0	49	On @ 15:44 - Off @ 16:33	TEST
2005	1	7	12	11	7	On @ 10:55 - Off @ 22:02 (Begin , On line to test.	TEST
2005	1	7	13	2	1	(On @ 11:36 - Off @ 12:27) (On @ On line to test.	TEST
2005	3	2	16	5	47	(On @ 14:57 - Off @ 15:17) (On @ On line to test.	TEST
2005	3	2	17	2	18	On @ 14:03 - Off @ 16:21	TEST
2005	3	2	18	0	55	On @ 14:32 - Off @ 15:27 (Fully a On line to test.	TEST
2005	7	3	19	0	21	On @ 17:00 - Off @ 17:21	TEST
2005	12	6	15	2	13	On @ 1946-Off @ 2051 On @ 2057-C Test from Outage	TEST
2005	11	4	5	9	9	On at 1024-Off @ 1933	TEST
2005	11	4	6	6	11	On @ 0917-Off @ 1528	TEST
2005	11	4	7	9	30	On @ 0817-Off @ 1747	TEST
2005	11	4	8	10	2	On @ 0833-Off @ 1835	TEST
2005	10	3	26	0	3	0856 on line-testing generator 06: Testing.	TEST
2005	2	5	25	8	8	On @ 7:15 - Off @ 15:23	TEST
					1052	Hourly market is above CT cost. Keep on for environrr test	TEST
					232.5333333		
2005	5	6	28	5	40	On @ 15:12 - Off @ 20:52	TLR
2005	3	5	1	12	49	(On @ 6:19 - Off @ 10:04) (On @ (1) Hourly market above CT cost. (2) On line due to TLR	TLR
2005	1	7	23	11	12	(On @ 6:58 - Off @ 11:53) (On @ (1) Hourly market is above CT cost. (2) On line due to TLR	TLR
2005	3	6	1	15	53	(Off @ 1:39) (On @ 7:03 - Off @ 1 (1) Hourly market is above CT cost. (2) On line due to TLR	TLR
2005	3	5	21	3	14	(On @ 7:24 - Off @ 9:07) (On @ 1 (1) On line due to loss of Cooper 2. (2) On line due to fir	TLR
2005	2	6	23	5	14	(On @ 6:00 - Off @ 8:30) (On @ 1 (1) On line due to TLR (2) Hourly market is above CT. TLR	TLR
2005	2	6	25	4	35	(On @ 6:04 - Off @ 9:51) (On @ 2 (1) On line due to TLR (2) On line due to PJM operatic TLR	TLR
2005	2	1	23	7	38	(On @ 5:54 - Off @ 8:51) (On @ 1 (1) On line due to TLR. (2) Hourly market is above CT TLR	TLR
2005	3	4	15	9	4	(On @ 6:36 - Off @ 10:45) (On @ (1) On line due to TLR. (2) Hourly market is above CT TLR	TLR
2005	3	6	9	8	35	(On @ 4:03 - Off @ 8:48) (On @ 1 (1) On line due to TLR. (2) Hourly market is above CT TLR	TLR
2005	3	6	15	7	56	(On @ 6:07 - Off @ 9:51) (On @ 1 (1) On line due to TLR. (2) Hourly market is above CT TLR	TLR
2005	3	4	21	8	32	(On @ 6:46 - Off @ 11:05) (On @ (1) On line due to TLR. (2) On line due to loss of Coop TLR	TLR
2005	3	6	21	10	21	(On @ 5:49 - Off @ 10:48) (On @ (1) On line due to TLR. (2) On line due to loss of Coop TLR	TLR
2005	3	7	16	10	57	(On @ 6:44 - Off to repair leak @ (1) On line due to TLR. (2) On line due to loss of Coop TLR	TLR
2005	3	7	21	7	23	(On @ 6:00 - Off @ 10:16) (On @ (1) On line due to TLR. (2) On line due to loss of Coop TLR	TLR
2005	3	7	9	4	25	(On @ 5:58 - Off @ 8:12) (On @ 1 (1) On line due to TLR. (2) On line to cover the Lge pc TLR	TLR
2005	6	5	14	7	19	On @ 10:16 - Off @ 17:35	TLR
2005	6	7	15	11	2	On @ 11:36 - Off @ 22:38	TLR
2005	6	2	14	12	39	(Off @ 00:05) (On @ 11:26)	TLR
2005	6	4	14	14	38	On @ 9:22	TLR
2005	6	5	10	7	1	On @ 10:58 - Off @ 17:59	TLR
2005	6	6	15	6	44	On @ 15:12 - Off @ 21:56	TLR
2005	6	7	10	8	38	On @ 10:48 - Off @ 19:26	TLR
2005	1	1	29	3	47	On @ 17:52 - Off @ 21:39	TLR
2005	1	6	29	1	54	On @ 18:00 - Off @ 19:54	TLR
2005	1	1	18	15	18	(Off @ 10:47) (On @ 19:29)	TLR
2005	1	2	19	10	58	(Off @ 8:24) (On @ 17:32 - Off @ On line due to TLR.	TLR

2005	1	4	23	6	52	On @ 17:08	On line due to TLR.	TLR
2005	1	5	23	6	20	On @ 17:40	On line due to TLR.	TLR
2005	1	7	18	2	12	On @ 6:28 - Off @ 8:40	On line due to TLR.	TLR
2005	2	1	24	14	46	On @ 6:50 - Off @ 21:36	On line due to TLR.	TLR
2005	2	5	18	2	24	On @ 5:56 - Off @ 8:20	On line due to TLR.	TLR
2005	2	5	26	1	37	On @ 7:51 - Off @ 9:28	On line due to TLR.	TLR
2005	2	6	19	4	25	(On @ 6:14 - Off @ 8:58) (On @ 2 On line due to TLR.	TLR	
2005	2	6	26	7	42	(Off @ 1:55) (On @ 5:51 - Off @ 1 On line due to TLR.	TLR	
2005	2	6	27	3	19	On @ 6:54 - Off @ 10:13	On line due to TLR.	TLR
2005	2	7	19	2	46	On @ 6:56 - Off @ 9:42	On line due to TLR.	TLR
2005	2	7	26	3	0	On @ 7:50 - Off @ 10:50	On line due to TLR.	TLR
2005	3	1	1	8	4	On @ 15:07 - Off @ 23:11	On line due to TLR.	TLR
2005	3	2	21	1	49	On @ 7:51 - Off @ 9:40	On line due to TLR.	TLR
2005	3	3	1	3	15	On @ 18:46 - Off @ 22:01 (End maint. Outage @ 18:46)	On line due to TLR.	TLR
2005	3	4	3	2	45	On @ 5:59 - Off @ 8:44	On line due to TLR.	TLR
2005	3	4	4	2	28	On @ 6:29 - Off @ 8:57	On line due to TLR.	TLR
2005	3	4	9	2	24	On @ 6:42 - Off @ 9:06	On line due to TLR.	TLR
2005	3	4	10	2	3	On @ 6:46 - Off @ 8:49	On line due to TLR.	TLR
2005	3	4	16	11	57	On @ 11:51 - Off @ 23:48	On line due to TLR.	TLR
2005	3	4	18	4	40	On @ 3:39 - Off @ 8:19	On line due to TLR.	TLR
2005	3	4	19	1	7	On @ 6:56 - Off @ 8:03	On line due to TLR.	TLR
2005	3	5	3	2	7	On @ 6:35 - Off @ 8:42	On line due to TLR.	TLR
2005	3	5	9	1	38	On @ 6:13 - Off @ 7:51	On line due to TLR.	TLR
2005	3	5	16	3	25	On @ 18:58 - Off @ 22:23	On line due to TLR.	TLR
2005	3	6	4	6	15	On @ 5:01 - Off @ 11:16	On line due to TLR.	TLR
2005	3	6	10	5	10	(On @ 5:25 - Off @ 8:35) (On @ 2 On line due to TLR.	TLR	
2005	3	6	14	2	44	On @ 5:46 - Off @ 8:30	On line due to TLR.	TLR
2005	3	6	16	16	23	On @ 6:45 - Off @ 23:08	On line due to TLR.	TLR
2005	3	6	19	4	43	On @ 6:55 - Off @ 11:38	On line due to TLR.	TLR
2005	3	7	1	11	2	(Off @ 1:03) (On @ 14:01)	On line due to TLR.	TLR
2005	3	7	4	4	15	On @ 5:23 - Off @ 9:38	On line due to TLR.	TLR
2005	3	7	10	2	58	(On @ 6:40 - Off @ 8:07) (On @ 2 On line due to TLR.	TLR	
2005	3	7	15	5	0	(On @ 6:07 - Off @ 8:53) (On @ 1 On line due to TLR.	TLR	
2005	4	4	2	14	42	On @ 7:10 - Off @ 21:52	On line due to TLR.	TLR
2005	4	7	2	3	52	On @ 10:01 - Off @ 13:53	On line due to TLR.	TLR
2005	5	1	18	5	6	On @ 16:32 - Off @ 21:38	On line due to TLR.	TLR
2005	5	4	7	0	48	On @ 8:15 - Off @ 9:03	On line due to TLR.	TLR
2005	5	4	14	12	58	(Off @ 00:31) (On @ 10:05 - Off @ On line due to TLR.	TLR	
2005	5	4	15	7	19	On @ 15:55 - Off @ 23:14	On line due to TLR.	TLR
2005	5	4	18	15	2	On @ 8:58	On line due to TLR.	TLR
2005	5	4	22	1	45	On @ 19:58 - Off @ 21:43	On line due to TLR.	TLR
2005	5	4	26	4	32	On @ 17:09 - Off @ 21:41	On line due to TLR.	TLR
2005	5	5	14	11	38	On @ 10:06 - Off @ 21:44	On line due to TLR.	TLR
2005	5	5	15	6	26	On @ 15:54 - Off @ 22:20	On line due to TLR.	TLR
2005	5	5	18	11	45	On @ 9:52 - Off @ 21:37	On line due to TLR.	TLR
2005	5	5	26	1	3	On @ 17:09 - Off @ 18:12	On line due to TLR.	TLR
2005	7	4	19	10	34	On @ 12:05 - Off @ 22:39	On line due to TLR.	TLR

2005	7	5	19	7	39	On @ 12:00 - Off @ 19:39	On line due to TLR.	TLR
2005	7	6	19	9	49	On @ 11:50 - Off @ 21:39	On line due to TLR.	TLR
2005	8	2	2	9	43	On @ 12:52 - Off @ 22:35	On line due to TLR.	TLR
2005	6	5	13	7	59	On @ 14:56 - Off @ 22:55	On line due to TLR.	TLR
2005	6	7	14	8	15	On @ 9:47 - Off @ 18:02	On line due to TLR.	TLR
2005	6	1	6	5	13	On @ 12:48 - Off @ 18:01	On line due to TLR. Also hourly market is above CT c TLR	TLR
2005	6	2	6	9	0	On @ 9:52 - Off @ 18:52	On line due to TLR. Also hourly market is above CT c TLR	TLR
2005	6	4	6	12	59	On @ 9:27 - Off @ 22:26	On line due to TLR. Also hourly market is above CT c TLR	TLR
2005	6	6	6	8	48	On @ 10:34 - Off @ 19:22	On line due to TLR. Also hourly market is above CT c TLR	TLR
2005	6	7	6	9	57	On @ 11:45 - Off @ 21:42	On line due to TLR. Also hourly market is above CT c TLR	TLR
2005	6	5	6	9	14	On @ 9:01 - Off @ 18:15	On line due to TLR. Also market is above CT cost.	TLR
2005	5	2	12	4	0	On @ 15:11 - Off @ 19:11	On line due to TLR'S.	TLR
2005	5	2	18	8	30	On @ 14:00 - Off @ 22:30	On line due to TLR'S.	TLR
2005	5	6	12	6	23	On @ 13:26 - Off @ 19:49	On line due to TLR'S.	TLR
2005	5	6	14	10	18	On @ 10:08 - Off @ 20:26	On line due to TLR'S.	TLR
2005	5	6	15	5	27	On @ 16:21 - Off @ 21:48	On line due to TLR'S.	TLR
2005	5	7	12	4	45	On @ 14:11 - Off @ 18:56	On line due to TLR'S.	TLR
2005	5	7	14	5	6	On @ 10:09 - Off @ 15:15	On line due to TLR'S.	TLR
2005	3	6	18	2	19	On @ 5:56 - Off @ 8:15	On line due to TLR.	TLR
2005	11	6	17	4	21	On @ 06:38-Off @ 08:46	On @ 21: On line for economics. Kept on due to TLR'S.	TLR
2005	11	7	17	4	9	On @ 19:51	On line for economics. Kept on due to TLR'S.	TLR
2005	12	2	8	8	10	On @ 05:02-Off @ 08:04	On @ 171 TLR	TLR
2005	12	3	2	2	27	On @ 07:55--Off @ 10:22	TLR	TLR
2005	12	7	2	1	26	On @ 08:09--Off @ 09:35	TLR	TLR
2005	8	4	16	11	19	On @ 12:41	TLR on Avon Xformer	TLR
2005	10	2	25	11	34	11:02 on line-2236 Off line	TLR's	TLR
2005	10	2	26	1	7	07:30 on line-off at 08:37	TLR's	TLR
2005	10	3	25	10	16	11:57 on line-2213 off line	TLR's	TLR
2005	10	5	26	3	6	07:43 on line-1049 off line	TLR's	TLR
2005	10	6	25	8	36	12:33 on line-2109 off line	TLR's	TLR
2005	10	6	26	2	33	07:46 on line-1019 on line	TLR's	TLR
2005	10	7	25	9	45	11:34 on line-2119 off line	TLR's	TLR
2005	10	7	26	1	10	07:44 on line-0854 off line	TLR's	TLR
2005	11	1	16	0	40	On @ 23:20	TLR's	TLR
2005	11	1	18	7	58	On @ 02:17-Off @ 10:15	TLR's	TLR
2005	11	2	3	1	40	On @ 07:38-Off @ 09:18	TLR's	TLR
2005	11	2	16	1	13	On @ 22:47	TLR's	TLR
2005	11	2	22	1	30	On @ 20:57-Off @ 22:27	TLR's	TLR
2005	11	2	30	4	48	On @ 06:10-Off @ 10:58	TLR's	TLR
2005	11	3	16	1	10	On @ 22:50	TLR's	TLR
2005	11	3	19	1	10	On @ 09:55-Off @ 11:05	TLR's	TLR
2005	11	3	22	1	15	On @ 20:57-Off @ 22:12	TLR's	TLR
2005	11	3	30	1	1	On @ 06:10-Off @ 07:11	TLR's	TLR
2005	11	4	29	6	47	On @ 17:05-Off @ 23:52	TLR's	TLR
2005	11	4	30	3	13	On @ 06:24-Off @ 07:15	On @ 21: TLR's	TLR
2005	11	5	29	5	36	On @ 17:07-Off @ 22:43	TLR's	TLR
2005	11	7	22	1	0	On @ 21:08-Off @ 22:08	TLR's	TLR
2005	8	1	14	8	3	On @ 15:57	TLR's on Purchases	TLR

2005	7	6	25	15	3418	774.9666667				
2005	3	4	6	9			(On @ 01:07 - Off @ 02:01)	(On @ 1)	On line due to loss of Gilbert 3. (2) Hourly market i	unit loss
2005	1	6	17	4			(On @ 5:46 - Off @ 9:42)	(On @ 1 (1)	On line due to loss of Gilbert 3. (2) Loss of Gilbert	unit loss
2005	4	7	10	0			On @ 19:42	On line due to Cooper 1 outage.	Unit Loss	
2005	4	6	10	2			On @ 20:56 - Off @ 21:36	On line due to loss of Cooper 1 and to serve gallatin.	Unit Loss	
2005	4	6	20	1			On @ 20:16 - Off @ 22:21	On line due to loss of Cooper 1.	Unit Loss	
2005	8	2	14	14			On line @ 6:19 - Off @ 8:11	On line due to loss of Cooper 1.	Unit Loss	
2005	7	4	16	7			On @ 09:27	On line due to loss of Cooper 2.	Unit Loss	
2005	7	2	19	6			On @ 15:17 - Off @ 22:39	On line due to loss of Dale 3. Kept on line due to Avor	Unit Loss	
2005	11	1	21	0			On @ 16:28 - Off @ 23:05	On line due to loss of Generation from Spik 2.	Unit Loss	
2005	6	4	22	11			On @ 1450-Off @ 1531	On line due to loss of Gilbert 3	Unit Loss	
2005	1	1	21	2			On @ 11:41 - Off @ 23:03	On line due to loss of limestone mill on Gilbert 3.	Unit Loss	
2005	5	6	30	3			On @ 8:01 - Off @ 10:24	On line due to loss of Smith 2 to cover the Lge portion	Unit Loss	
2005	6	1	27	4			On @ 17:28 - Off @ 21:19	On line due to loss of Spurlock 2.	Unit Loss	
2005	6	3	27	5			On @ 14:46 - Off @ 19:06	On line due to the loss of Cooper 2.	Unit Loss	
2005	1	3	6	8			On @ 14:20 - Off @ 19:55	On line due to the loss of Cooper 2.	Unit Loss	
2005	3	7	6	2			On @ 13:22 - Off @ 21:46	On line to cover the loss of Spik 2.	Unit Loss	
2005	12	4	3	3			On @ 19:43 - Off @ 22:01	On line to cover the loss of Spik 2.	Unit Loss	
2005	11	3	21	1			On @ 1656-Off @ 2006	Gilbert 3 Generation	unit loss	
2005	12	2	3	102			On @ 1453- Off @ 1559	Loss of Gilbert 3.	unit loss	
							On @ 1643-Off @ 2156	Market Price/Tripped--Loss of Gilbert 3	unit loss	
							110.8166667			
2005	3	1	2	4			On @ 4:12 - Off @ 8:58	On line for reliability.	Voltage Regulation	
2005	3	3	2	2			On @ 5:43 - Off @ 8:17	On line for reliability.	Voltage Regulation	
2005	6	2	27	18			On @ 5:06	On line for voltage support for outage of AVON/BBNO	Voltage Regulation	
2005	12	3	21	4			On @ 0658-Off @ 0932	On @ 17: Voltage Control	Voltage Regulation	
2005	8	4	20	14			Off @ 00:49	On @ 10:20	Voltage Regulation	
								load and voltage support.	Voltage Regulation	
								45.6		
								216		

Year	Month	Unit	DATE	HOURS	MINUTES	COMMENTS	
2006	6	4	21	9	27	On @ 1158-Off @ 21:28	external system support
2006	8	1	10	12	11	On @ 0932-Off @ 21:43	external system support
2006	1	2	3	2	38	On @ 1744-Off @ 20:22	external system support
2006	1	2	13	2	38	On @ 1130-Off @ 14:28	external system support
2006	6	3	22	13	25	Off @ 0117 On @ 11:43	external system support
2006	12	1	6	45	189	Off @ 0049-Off @ 0819 48.15	external system support
							Northern Ky. Interface RC requested--Avon MVA high Regulation Reliability while switching at Dale Reliability Requested by RC for Contingencies
2006	8	6	10	11	47	On @ 0953-Off @ 21:40	Internal System Support
2006	2	2	18	14	3	On @ 0957	Internal System Support
2006	2	2	7	1	28	On @ 0656-Off 2 08:28	Internal System Support
2006	6	2	10	6	23	On @ 1256-Off @ 1919	Internal System Support
2006	6	6	10	9	18	On @ 0948-Off @ 19:02	Internal System Support
2006	6	6	11	0	13	On @ 1158-Off @ 12:09	Internal System Support
2006	6	6	23	6	31	Off @ 0410 On @ 1558-Off @ 1817	Internal System Support
2006	6	7	11	6	12	On @ 1231-Off @ 18:43	Internal System Support
2006	6	7	21	10	29	On @ 1158-Off @ 22:25	Internal System Support
2006	8	4	14	7	16	On @ 1424-Off @ 21:40	Internal System Support
2006	8	5	14	2	52	On @ 1401-Off @ 16:53	Internal System Support
2006	8	7	14	6	53	On @ 1359-Off @ 20:52	Internal System Support
2006	6	4	10	6	8	On @ 1221-Off @ 18:29	Internal System Support
2006	6	4	11	8	23	On @ 1251-Off @ 21:14	Internal System Support
2006	8	1	22	5	39	On @ 1548-Off @ 21:27	Internal System Support
2006	10	6	4	5	20	On @ 1249-Off @ 18:09	Internal System Support
2006	7	2	3	0	37	On @ 15:54 due to TLR. Tripped @ 16:31 1942--repaired	Internal System Support
2006	4	2	10	2	25	On @ 0554-Off @ 08:19	Internal System Support
2006	2	2	10	5	18	On @ 0547-Off @ 11:05	Internal System Support
2006	2	2	13	4	49	On @ 1850-Off @ 23:39	Internal System Support
2006	2	2	14	5	31	On @ 0453-Off @ 10:24	Internal System Support
2006	1	2	4	5	13	On @ 0037-Off @ 05:50	Internal System Support
2006	5	4	24	4	0	On line @ 18:13 due to market price and Avon flow. Off @ 22:13	Internal System Support
2006	6	3	21	6	51	On @ 1709--	Internal System Support
2006	6	5	22	6	54	On @ 1538-Off @ 19:55 On @ 19:56-Off @ 22:33	Internal System Support
2006	6	7	22	10	57	On @ 1303--	Internal System Support
2006	6	2	22	13	26	On @ 1034	Internal System Support
2006	6	4	22	8	44	On @ 0940-Off @ 18:24	Internal System Support
2006	6	6	22	14	53	On @ 0907--	Internal System Support
2006	7	4	13	11	25	On @ 1208-Off @ 23:31	Internal System Support
2006	8	6	14	8	9	On @ 1330-Off @ 21:59	Internal System Support
2006	7	4	20	11	28	On @ 1111-Off @ 22:37	Internal System Support
2006	6	4	23	7	31	On @ 1218-Off @ 19:49	Internal System Support
2006	7	6	20	5	54	On @ 1322-Off @ 19:16	Internal System Support
2006	6	2	23	18	11	Off @ 0810 On @ 1145-Off @ 23:46	Internal System Support
2006	7	6	19	11	30	On @ 1059-Off @ 22:29	Internal System Support
2006	8	6	12	6	20	On @ 1343-Off @ 20:03	Internal System Support
2006	8	2	7	14	9	On @ 0904-Off @ 23:13	Internal System Support
2006	8	6	7	13	33	On @ 0912-Off @ 22:45	Internal System Support
2006	8	3	12	8	24	On @ 1347-Off @ 22:11	Internal System Support
2006	8	1	14	8	58	On @ 1349-Off @ 22:47	Internal System Support
2006	8	1	9	8	47	On @ 1306-Off @ 21:53	Internal System Support
2006	8	1	13	5	16	On @ 1409-Off @ 22:23	Internal System Support
2006	8	4	13	5	18	On @ 1700-Off @ 22:16	Internal System Support
2006	8	4	27	1	40	On @ 1821-Off @ 20:01	Internal System Support
2006	8	6	9	8	49	On @ 1300-Off @ 21:49	Internal System Support
2006	8	7	9	1	24	On @ 1804-Off @ 17:28	Internal System Support
2006	8	7	12	4	7	On @ 1428-Off @ 18:35	Internal System Support
2006	1	2	14	1	3	On @ 0805-Off @ 07:08 On @ 1203-Off @ 22:59	Internal System Support
2006	1	2	10	10	58		Internal System Support
2006	1	2	15	3	24	On @ 0705-Off @ 10:29	Internal System Support
2006	1	3	14	7	11	On @ 1208-Off @ 19:19	Internal System Support
2006	1	7	14	1	23	On @ 1214-Off @ 13:37	Internal System Support
2006	1	7	15	2	47	On @ 0711-Off @ 09:58	Internal System Support
2006	7	6	1	8	5	On @ 11:50 Off @ 19:55 for AVON transformer and generation.	Internal system support
				371	1567	397.1166667	



2008	8	3	1	8	43	On @ 1243-Off @ 2126	On line to self-Economics	sales
2008	8	7	24	9	1	On @ 1166-Off @ 2057	Sales	sales
2008	8	6	24	5	52	On @ 1302-Off @ 1854	Sales	sales
2008	11	2	8	5	58	1500-Off Maint. On @ 1542-Off @ 2140	Sales	sales
2008	7	7	21	5	57	On @ 1057-Off @ 1854	Selling power	sales
			32	32	211	35,51666667		
2008	1	4	5	15	15	On @ 1398-Off @ 1353	Blackstart Testing	test
2008	1	5	19	10	10	On @ 0553-Off @ 1303	RATA Test	test
2008	1	6	18	4	4	On @ 0551-Off @ 1303 On @ 2308	RATA Test/Ramp Issue w/PJM	TEST
2008	1	6	19	56	56	Off @ 0056	RATA Test/Ramp Issue w/PJM	TEST
2008	1	7	17	8	57	On @ 0548-Off @ 1446	RATA Testing	TEST
2008	6	1	26	41	41	On @ 1021-Off @ 11:02	Test	TEST
2008	7	3	14	4	8	On @ 1737-Off @ 2145	Test	TEST
2008	8	3	11	0	12	On @ 2107-Off @ 2119	Test	TEST
2008	8	2	11	0	3	On @ 1348-Off @ 1352	Tested	TEST
2008	6	1	2	8	6	On @ 11:38 for testing.Off @ 19:44	test	test
2008	6	1	3	0	30	On @ 18:08 for test.Off @ 19:59	test	test
2008	7	1	8	1	51	On @ 13:24 for testing.Off @ 13:54	test	test
			36	293	40,88333333			
2008	5	3	26	9	37	On line @13:11 due to market price and TLR.Off @22:48	Economics and TLR	tlr
2008	5	6	26	6	10	On line @ 15:44 due to market price and TLR.Off @ 21:54.Maint work complete @ 15:44	Economics and TLR	tlr
2008	4	2	17	0	59	18:02. On line due to TLR. 19:01-Off line.	TLR	TLR
2008	5	2	27	12	19	On line @ 11:01 due to TLRs.Off @ 23:20	TLR	TLR
2008	5	3	27	12	14	On line @ 11:01 due to TLRs.Off @ 23:15	TLR	TLR
2008	5	4	27	10	49	On line @ 11:54 due to TLRs. Off @22:43	TLR	TLR
2008	5	6	27	8	36	On line @ 15:13 due to TLRs.Off @ 21:49	TLR	TLR
2008	7	1	12	6	5	On @ 1259-Off @ 1804	TLR	TLR
2008	7	2	20	11	30	Off @ 0042 On @ 1156-Off @ 2244	TLR	TLR
2008	2	2	5	13	26	On @ 1003-Off @ 2329	TLR's	TLR's
2008	2	3	5	12	53	On @ 1005-Off @ 2258	TLR's	TLR's
2008	2	4	5	13	51	On @ 1009	TLR's	TLR's
2008	2	7	6	11	15	On @ 1043-Off @ 2158	TLR's	TLR's
2008	6	1	4	6	35	On @ 09:31-Off @ 09:37,On @12:59-Off @13:48,On @16:19-Off @21:59	TLR's	TLR's
2008	6	1	20	8	5	On @ 1340-Off @ 2145	TLR's	TLR's
2008	6	2	21	8	20	On @ 1535-Off @ 2355	TLR's	TLR's
2008	6	5	20	4	10	On @ 1520-Off @ 1930	TLR's	TLR's
2008	6	5	20	0	12	On @ 1348-Off @ 1400 Tripped due to flame detectors	TLR's	TLR's
2008	6	7	20	6	50	On @ 1348-Off @ 2038	TLR's	TLR's
2008	12	1	4	11	14	On @ 0506-Off @ 1016 On @ 1756-	TLR's	TLR's
2008	12	1	5	9	1	Off @ 0901	TLR's	TLR's
2008	12	2	4	2	27	On @ 0511-Off @ 0738	TLR's	TLR's
2008	12	3	4	2	11	On @ 0535-Off @ 0746	TLR's	TLR's
2008	12	6	4	8	47	On @ 0619-Off @ 0926 On @ 1820	TLR's	TLR's
2008	12	6	5	5	0	Off @ 0113 On @ 0458-Off @ 0845	TLR's	TLR's
2008	12	7	4	3	36	On @ 0618-Off @ 0841 On @ 2247	TLR's	TLR's
2008	12	7	5	3	18	Off @ 0055 On @ 0538-Off @ 0801	TLR's	TLR's
2008	10	2	23	8	43	On @ 1159-Off @ 2042	TLR's	TLR's
2008	2	2	9	4	19	On @ 0758-Off @ 0918 On @ 1947-Off @ 2246	TLR's and Economics	TLR
2008	7	4	3	5	32	On @ 16:05. Off @ 21:37. For TLRs	TLR's&Lo voltage at Dale	TLR
2008	7	4	8	4	0	On @ 15:12 due to TLRs.Off @ 19:12.	tlr	tlr
2008	7	5	3	2	57	On @ 16:53. Off @ 18:50. Due to TLRs.	tlr	tlr
2008	7	6	3	2	29	On @ 16:45.Off @ 19:14.Due to TLRs.	tlr	tlr
2008	7	6	8	3	23	On @ 15:14 due to TLRs.Off @ 18:37	tlr	tlr
2008	7	7	3	1	49	On @ 16:49. Off @ 18:38.On due to TLRs.	tlr	tlr
			225	942	240.7			
2008	8	2	10	5	18	On @ 1153-Off @ 1711	Lightning strike	Unit Loss
2008	2	2	6	3	42	On @ 0454-Off @ 0536	Loss of Cooper 2	Unit Loss
2008	6	6	21	8	33	On @ 1440-Off @ 2313	Loss of Dale 3	Unit Loss
2008	1	1	28	1	43	On @ 0749-Off @ 0932	Loss of Spik 1	Unit Loss
2008	1	3	26	2	56	On @ 0743-Off @ 1039	Loss of Spik 1	Unit Loss
2008	5	7	25	1	29	On @ 2138-Off @ 2305	Loss of Spurlock 2	Unit Loss



Year	Month	Unit	DATE	HOURS	MINUTES	COMMENTS	
2007	1	3	31	10	11	On @ 0503-Off @ 1514	test
2007	1	2	11	1	18	On @ 09:09-Off @ 10:27. For Testing.	test
2007	1	3	12	11	43	On @ 6:54-Off @ 7:37. Run for testing.	test
					72	12.2	
2007	1	1	24	3	19	On @ 0554-Off @ 0913	TLR's
2007	1	2	24	3	10	On @ 0603-On @ 0913	TLR's
2007	1	2	25	5	6	On @ 1854	TLR's
2007	1	3	17	35	35	On @ 0723-Off @ 0758	TLR's
2007	1	3	24	2	50	On @ 0558-Off @ 0848	TLR's
2007	1	4	24	3	16	On @ 0601-Off @ 0917	TLR's
2007	1	5	16	2	21	On @ 2012-Off @ 2233	TLR's
2007	1	5	24	2	5	On @ 0569-On @ 0804	TLR's
2007	1	7	16	3	38	On @ 2022	TLR's
2007	1	7	24	2	2	On @ 0602-Off @ 0804	TLR's
2007	2	1	8	2	2	On @ 0119-Off @ On @ 2135	TLR's
2007	2	6	8	8	19	Off @ 0246 On @ 0530-Off @ 0835 On @ 19:15	TLR's
2007	2	7	8	8	33	On @ 0653-Off @ 1035 On @ 2000	TLR's
2007	1	7	25	6	33	On @ 0357-Off @ 0812 On @ 1948-Off @ 22	TLR's gate 2201
2007	1	1	25	7	1	On @ 0319-Off @ 1020	TLR's gate 2201
2007	1	5	17	8	45	On @ 0552-Off @ 1150 On @ 1854-Off @ 21	TLR's and Economics
2007	1	7	17	11	4	0015 off line. On @ 0554-Off @ 1232 On @ 1.	TLR's and Economics
				57	285	61.75	
2007	1	2	29	18	50	Off @ 00:28-On @ 04:09 Off @ 22:31	Voltage Regulation
2007	1	7	29	4	35	Off @ 03:05 On @ 03:08 Off @ 04:38	Voltage Regulation
2007	2	1	4	4		On @ 0433-Off @ 1116	Voltage Regulation
2007	2	1	9	4		Off @ 1214 On @ 2109	Voltage Regulation
2007	2	1	10	10		Off @ 1114 On @ 1922	Voltage Regulation
2007	2	2	4	4		On @ 1824	Voltage Regulation
2007	2	2	11	22	85	On @ 0224-Off @ 1047	Voltage Regulation
						23.41666667	

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2006-00564**  
**APPENDIX C INFORMATION REQUEST RESPONSE**

**PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07**  
**REQUEST 3**

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

**Request 3.** Refer to the response to Commission Staff's Supplemental Data Request, Item 5. EKPC was requested to provide with its explanation a copy of all data underlying its position, including an analysis of the potential costs or penalties involved in canceling the Smith contracts. EKPC did not provide the underlying data or an analysis of the potential costs or penalties associated with canceling the Smith contracts. Provide the originally requested information. If such information does not exist, explain in detail why the information is unavailable and how any recommendation regarding the continued construction of the Smith CFB Unit can be developed in the absence of such information.

**Response 3.** Through January 31, 2007, EKPC has spent \$37,132,832 on the Smith CFB Project. These expenditures are outlined on the next page.

**PSC Request 3**  
**Page 2 of 3**

Smith #1 Generation Project Costs thru 1/31/2007

Contract # Number	Contract Purpose	Contractor	Original Design Costs	(thru 1/31/07) Actual Recorded Expenditures
G1	TURBINE GENERATOR	General Electric	\$33,430,000	\$19,437,888
G3	SITE PREPARATION	Allen Company	1,000,000	
G6	FEEDWATER HEATERS	Yuba Heat Transfer	756,000	
G8	DEAERATOR		200,000	
G11	CONDENSER	Thermal Engr.	1,600,000	191,415
G16	CIRCULATING WATER PUMPS		630,000	
G17	CONDENSATE PUMPS		245,000	
G21	BOILER FEED PUMPS	Flowserve Pump	1,774,000	
G36	DISTRIBUTED CONTROL SYSTEM		4,000,000	
G46	FANS & MOTORS		2,668,000	
G71	ASH HANDLING EQ ONLY		1,500,000	
G101	ALLOY PIPING AND ALLOY SUPPORTS	BendTec	2,450,000	783,131
G131	TRANSFORMERS		4,625,000	
G146	SWITCHGEAR		4,273,000	
G201	BOILER ISLAND	Alstom Power	180,500,000	10,509,428
G204	EMISSIONS MONITORING		300,000	
G211	COAL/LIMESTONE HANDLING		33,025,000	
G221	STACK		4,500,000	
G222	COOLING TOWER	Marley Cooling	2,454,000	
G241	DAM & WATER STORAGE RESERVOIR		10,000,000	
G263	CIRCULATING WATER PIPE		4,000,000	
G264	ASH SILOS		3,000,000	
G251	PILING	-	-	
G261	SUBSTRUCTURE		13,000,000	
G271	STRUCTURAL STEEL	-	-	
G281	BALANCE OF PLANT		72,000,000	
G281	RIVER INTAKE & RESERVOIR PUMP HOUSE AND PIPELINES		10,300,000	
G281	COND & SW TANKS (500,000 GAL EACH)		1,020,000	
G281	CRANES- TURBINE AND BFP		950,000	
G281	SCR AMMONIA STORAGE SYSTEM		50,000	
G281	POTABLE WTR TREATMENT & STRG		75,000	
G281	CO2, H2, N2 GAS STORAGE SYSTEMS		425,000	
G281	OCCUPIED SPACES		3,500,000	
G332	PAINTING		2,500,000	
-	PERMANENT PLANT MOBILE EQUIP		2,500,000	
		Subtotal	\$403,250,000	30,921,862
	STEEL CONTINGENCY		\$10,000,000	
	G211 COAL/LIMESTONE CONTINGENCY		3,302,500	
	G201 BOILER CONTINGENCY		9,025,000	
	G281 BOP CONTINGENCY		8,832,000	
	MISC. CONTINGENCY (EXCL G1,G201,G281)		6,547,500	
		Subtotal	\$37,707,000	
		Total Contracts	\$440,957,000	30,921,862
Other Costs				
	Engineering Design	Stanley	\$19,270,000	4,167,400
	Owners Cost	EKPC	20,000,000	103,791
	Spare Parts	EKPC		
	Site Prep	EKPC		1,007,708
	Environmental Costs	EKPC		1,581
		Total Other	\$39,270,000	5,280,480
		Total Contracts + Other	\$480,227,000	36,202,342
		IDC	52,824,970	930,490
		Project Total	\$533,051,970	37,132,832

It is estimated that EKPC has up to \$11.5 million additional in commitments to date.

Contracts awarded to date are listed in Response 1b. of the Supplemental Data Request dated 1/5/07.

The following exhibit shows the awarded contracts for Smith CFB Unit 1. The expenditures are the same as described in the previous exhibit. The cancellation cost is the estimated dollar amount that EKPC would have to expend in order to terminate each of the awarded contracts. The owner's cost listed below includes the interest that has accumulated to date on this project. EKPC is estimating that the total committed expenditures are \$48.7 million.

East Kentucky Power  
J.K. Smith Power Station

Smith CFB Unit 1

CONTRACT NUMBER	AWARDED CONTRACTs	AWARDED CONTRACT, \$	Actual Expenditures through 1/31/07	CANCELLATION COST, \$	TOTAL COMMITTED EXPENDITURES TO DATE
G1	TURBINE GENERATOR	\$34,015,105	\$19,437,888	\$2,500,000	\$21,937,888
G3	SITE PREPARATION	\$5,008,375	\$0	\$0	\$0
G6	FEEDWATER HEATERS	\$1,684,665	\$0	\$50,540	\$50,540
G11	CONDENSER	\$2,661,835	\$191,415	\$74,769	\$266,184
G21	BOILER FEED PUMPS	\$2,962,378	\$0	\$88,871	\$88,871
G101	ALLOY PIPING	\$4,099,933	\$783,131	\$3,316,802	\$4,099,933
G201	BOILER ISLAND	\$229,967,207	\$10,509,428	\$4,392,447	\$14,901,875
G222	COOLING TOWER	\$3,489,900	\$0	\$104,697	\$104,697
	ENGINEERING	\$21,844,000	\$4,167,400	\$500,000	\$4,667,400
	OWNERS COST including IDC	\$84,000,000	\$2,043,570	\$500,000	\$2,543,570
Total Cost as of January 31, 2007			\$37,132,832	\$11,528,126	\$48,660,958

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2006-00564**  
**APPENDIX C INFORMATION REQUEST RESPONSE**

**PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07**

**REQUEST 4**

**RESPONSIBLE PERSON:** James C. Lamb, Jr.

**COMPANY:** East Kentucky Power Cooperative, Inc.

**Request 4.** Refer to the response to Commission Staff's Supplemental Data Request, Item 6.

**Request 4a.** State when EKPC assembled and prepared the detailed economic analysis submitted with this response.

**Response 4a.** The analysis submitted in response to Item 6 of the Commission Staff's Supplemental Data Request was prepared from January 29<sup>th</sup> to February 1<sup>st</sup>, 2007.

**Request 4b.** Explain in detail why the Smith CTs 10-12 were included as of January 2010 in this analysis, given EKPC's statement that these CTs were being delayed to the 2012-2014 time period.

**Response 4b.** Item 6 requested for EKPC to "Provide a detailed economic analysis, from a ratepayer's perspective, as to why building the EKPC generation system as currently certificated is less expensive than delaying the service date of the Smith CFB unit..." EKPC interpreted "as certificated" to mean that Smith CTs 10-12 should go in service as close to the original schedule as possible. When EKPC developed the response to Item 6, January 2010 was expected to be about as early as Smith CTs 10-12 could go

in service. EKPC’s plan to delay Smith CTs 10-12 to the 2012-2014 time period has not changed since it was established in early January.

**Request 4c.** For each scenario, provide the following information for the Smith CFB Unit as it was incorporated into the 2010 base case scenario, the 2012 delay scenario, the 2015 delay scenario, and the 2018 delay scenario:

**Request 4c(1).** The total investment in the Smith CFB Unit.

**Request 4c(2).** The annual amounts for production fuel expense, production operation and maintenance expense, depreciation expense, property taxes, and interest expense.

**Response 4c(1)&(2).**

**Smith CFB Unit – June 2010 (Base Case)**

(1) The total investment in the Smith CFB Unit is \$625,231,315.

(2)

<b>Operating Expenses (\$ 000)</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Fuel Costs	17,876	29,761	31,870	32,846	34,060	34,898	35,923	36,793	38,094
Production O & M Expense	9,395	15,649	16,118	16,405	16,725	17,040	17,386	17,694	18,060
Depreciation	9,118	15,631	15,631	15,631	15,631	15,631	15,631	15,631	15,631
Property tax	2,555	2,555	2,555	2,555	2,555	2,555	2,555	2,555	2,555
Total Operating Expense	38,944	63,596	66,173	67,436	68,971	70,123	71,494	72,673	74,339
<b>Interest Charges (\$ 000)</b>	25,982	44,083	43,593	43,066	42,501	41,895	41,243	40,545	39,794
<b>Total Expenses (\$ 000)</b>	64,926	107,678	109,766	110,503	111,472	112,018	112,738	113,218	114,133

<b>Operating Expenses (\$ 000)</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Fuel Costs	39,053	40,212	41,233	42,314	43,309	44,546	45,409	46,554
Production O & M Expense	18,365	18,730	19,072	19,430	19,787	20,172	20,508	20,883
Depreciation	15,631	15,631	15,631	15,631	15,631	15,631	15,631	15,631
Property tax	2,555	2,555	2,555	2,555	2,555	2,555	2,555	2,555
Total Operating Expense	75,604	77,128	78,490	79,929	81,282	82,904	84,102	85,622
<b>Interest Charges (\$ 000)</b>	38,989	38,125	37,197	36,200	35,131	33,983	32,751	31,429
<b>Total Expenses (\$ 000)</b>	114,593	115,252	115,687	116,129	116,413	116,887	116,854	117,050



**Smith CFB Unit -- August 2012**

1) The total investment in the Smith CFB Unit is \$696,288,855.

2)

<b>Operating Expenses (\$ 000)</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Fuel Costs			14,456	32,902	34,063	34,860	35,925	36,802	38,005
Production O & M Expense			7,253	16,469	16,778	17,086	17,439	17,749	18,097
Depreciation			7,253	17,407	17,407	17,407	17,407	17,407	17,407
Property tax			2,845	2,845	2,845	2,845	2,845	2,845	2,845
<b>Total Operating Expense</b>			<b>31,808</b>	<b>69,623</b>	<b>71,094</b>	<b>72,198</b>	<b>73,616</b>	<b>74,803</b>	<b>76,355</b>
<b>Interest Charges (\$ 000)</b>			<b>20,667</b>	<b>49,093</b>	<b>48,547</b>	<b>47,961</b>	<b>47,331</b>	<b>46,656</b>	<b>45,931</b>
<b>Total Expenses (\$ 000)</b>			<b>52,475</b>	<b>118,716</b>	<b>119,641</b>	<b>120,159</b>	<b>120,947</b>	<b>121,459</b>	<b>122,285</b>

<b>Operating Expenses (\$ 000)</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Fuel Costs	39,207	40,212	41,163	42,312	43,311	44,510	45,510	46,477
Production O & M Expense	18,445	18,783	19,113	19,482	19,841	20,219	20,578	20,923
Depreciation	17,407	17,407	17,407	17,407	17,407	17,407	17,407	17,407
Property tax	2,845	2,845	2,845	2,845	2,845	2,845	2,845	2,845
<b>Total Operating Expense</b>	<b>77,904</b>	<b>79,247</b>	<b>80,528</b>	<b>82,046</b>	<b>83,404</b>	<b>84,982</b>	<b>86,341</b>	<b>87,651</b>
<b>Interest Charges (\$ 000)</b>	<b>45,152</b>	<b>44,317</b>	<b>43,420</b>	<b>42,457</b>	<b>41,424</b>	<b>40,315</b>	<b>39,124</b>	<b>37,846</b>
<b>Total Expenses (\$ 000)</b>	<b>123,057</b>	<b>123,564</b>	<b>123,948</b>	<b>124,504</b>	<b>124,828</b>	<b>125,296</b>	<b>125,465</b>	<b>125,497</b>

**Smith CFB Unit – August 2015**

1) The total investment in the Smith CFB Unit is \$821,742,191.

2)

<b>Operating Expenses (\$ 000)</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Fuel Costs						15,855	36,003	36,741	37,978
Production O & M Expense						9,486	17,547	17,831	18,186
Depreciation						8,560	20,544	20,544	20,544
Property tax						3,358	3,358	3,358	3,358
<b>Total Operating Expense</b>						<b>37,259</b>	<b>77,451</b>	<b>78,473</b>	<b>80,065</b>
<b>Interest Charges (\$ 000)</b>						<b>24,391</b>	<b>57,938</b>	<b>57,294</b>	<b>56,602</b>
<b>Total Expenses (\$ 000)</b>						<b>61,650</b>	<b>135,389</b>	<b>135,767</b>	<b>136,667</b>

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Fuel Costs	39,149	40,271	41,219	42,359	43,209	44,479	45,456	46,593
Production O & M Expense	18,528	18,887	19,216	19,584	19,917	20,307	20,662	21,036
Depreciation	20,544	20,544	20,544	20,544	20,544	20,544	20,544	20,544
Property tax	3,358	3,358	3,358	3,358	3,358	3,358	3,358	3,358
<b>Total Operating Expense</b>	<b>81,578</b>	<b>83,058</b>	<b>84,337</b>	<b>85,844</b>	<b>87,027</b>	<b>88,687</b>	<b>90,019</b>	<b>91,530</b>
<b>Interest Charges (\$ 000)</b>	<b>55,859</b>	<b>55,062</b>	<b>54,206</b>	<b>53,288</b>	<b>52,302</b>	<b>51,243</b>	<b>50,107</b>	<b>48,888</b>
<b>Total Expenses (\$ 000)</b>	<b>137,438</b>	<b>138,121</b>	<b>138,543</b>	<b>139,132</b>	<b>139,329</b>	<b>139,931</b>	<b>140,126</b>	<b>140,417</b>

**Smith CFB Unit -- August 2018**

1) The total investment in the Smith CFB Unit is \$897,939,880.

2)

<b>Operating Expenses (\$ 000)</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Fuel Costs	14,102	39,149	40,189	41,284	42,273	43,227	44,628	45,440	46,454
Production O & M Expense	9,524	18,585	18,929	19,284	19,626	19,977	20,390	20,716	21,069
Depreciation	9,354	22,448	22,448	22,448	22,448	22,448	22,448	22,448	22,448
Property tax	3,669	3,669	3,669	3,669	3,669	3,669	3,669	3,669	3,669
<b>Total Operating Expense</b>	<b>36,649</b>	<b>83,851</b>	<b>85,235</b>	<b>86,685</b>	<b>88,016</b>	<b>89,321</b>	<b>91,135</b>	<b>92,274</b>	<b>93,641</b>
<b>Interest Charges (\$ 000)</b>	<b>26,653</b>	<b>63,311</b>	<b>62,606</b>	<b>61,850</b>	<b>61,039</b>	<b>60,168</b>	<b>59,233</b>	<b>58,229</b>	<b>57,152</b>
<b>Total Expenses (\$ 000)</b>	<b>63,302</b>	<b>147,161</b>	<b>147,841</b>	<b>148,535</b>	<b>149,055</b>	<b>149,489</b>	<b>150,368</b>	<b>150,503</b>	<b>150,792</b>

**Request 4c(3).** A detailed explanation of how the amounts for the investment in the Smith CFB Unit and the annual expenses were escalated in the three delay scenarios. If no escalation was incorporated in the analysis, explain in detail why an escalation was excluded.

**Response 4c(3).** Future Smith costs are based on our existing contract with Alstom Power, Inc., which assumes the Smith CFB Unit will be in operation June 2010.

Contracts are normally awarded three years before the projected date of operation of the unit. Approximately one-half of the cost of the project is assumed to be labor and one-half material. Interest during construction is estimated at 11% of the project cost, based on EKPC's experience with a previous CFB that went into operation in 2005. Based on projections from Alstom, material prices would increase by 8% per year through 2012 and labor prices should increase approximately 3% per year. After 2012, both material and labor were escalated at 3% per year. The Smith CFB Unit – June 2010 will be awarded in 2007; Smith CFB Unit – August 2012 awarded in 2009; Smith CFB Unit – August 2015 awarded in 2012 and Smith CFB Unit – August 2018 awarded in 2015.

Annual operation and maintenance (“O&M”) rates are escalated @ 1.8% per year, based on projections from Global Insight – The Power Planner 2006-2026 - Long-Term Forecast. Insurance and property tax rates are kept constant throughout the forecast under the assumption that as insurance would increase over time, property taxes would decrease proportionately. Fuel prices are escalated based on a fuel price forecast from Energy Ventures Analysis, Inc. The depreciation rate is based on a study performed by

Gannett Fleming, Inc. and approved by both the Kentucky Public Service Commission and the Rural Utilities Service. In this study a 40-year life was approved for circulating fluidized bed units. Interest rates for long term debt in this forecast are estimated to be 6.5%, plus a TIER adder based on a constant 1.10 TIER.

**Request 4c(4).** The annual market purchases of power for the years 2007 through 2018. Provide the MWh and total dollars.

**Response 4c(4).**

<u>Market Purchases</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
<b>Smith CFB Unit - June 2010 (Base Case)</b>						
Market Purchases (\$ 000)	\$91,077	\$100,711	\$65,190	\$30,593	\$11,249	\$12,666
Market Purchases (MWh)	2,072,039	2,057,641	1,118,477	551,396	196,170	217,380
<b>Smith CFB Unit - August 2012</b>						
Market Purchases (\$ 000)	\$91,077	\$100,711	\$65,190	\$38,304	\$30,254	\$23,980
Market Purchases (MWh)	2,072,039	2,057,641	1,118,477	683,184	522,890	408,338
<b>Smith CFB Unit - August 2015</b>						
Market Purchases (\$ 000)	\$91,077	\$100,711	\$65,190	\$38,304	\$30,254	\$36,467
Market Purchases (MWh)	2,072,039	2,057,641	1,118,477	683,184	522,890	621,548
<b>Smith CFB Unit - August 2015</b>						
Market Purchases (\$ 000)	\$91,077	\$100,711	\$65,190	\$38,304	\$30,254	\$36,467
Market Purchases (MWh)	2,072,039	2,057,641	1,118,477	683,184	522,890	621,548
<u>Market Purchases</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
<b>Smith CFB Unit - June 2010 (Base Case)</b>						
Market Purchases (\$ 000)	\$16,992	\$20,771	\$30,806	\$30,227	\$37,058	\$43,856
Market Purchases (MWh)	284,082	336,558	441,752	463,372	541,478	633,292
<b>Smith CFB Unit - August 2012</b>						
Market Purchases (\$ 000)	\$17,054	\$20,705	\$31,167	\$29,735	\$37,073	\$44,080
Market Purchases (MWh)	285,032	335,316	447,096	456,516	542,022	635,262
<b>Smith CFB Unit - August 2015</b>						
Market Purchases (\$ 000)	\$47,767	\$54,809	\$55,645	\$29,946	\$36,540	\$44,253
Market Purchases (MWh)	801,612	899,296	825,640	458,458	534,756	636,474
<b>Smith CFB Unit - August 2015</b>						
Market Purchases (\$ 000)	\$47,767	\$54,809	\$74,341	\$75,546	\$88,556	\$80,461
Market Purchases (MWh)	801,612	899,296	1,103,782	1,163,228	1,318,306	1,170,316

**Request 4d.** Explain why an annual Times Interest Earned Ratio (“TIER”) of 1.10 was included in the analysis

**Response 4d** East Kentucky Power routinely uses a constant annual Times Interest Earned Ratio (“TIER”) when doing financial analysis comparing various cases to see which case would be more beneficial. This is meant to reduce the effect of extraneous variables and allow the differences between cases to be analyzed. In this instance, the emphasis is on the variances between the cases rather than the timing effects of projected rate increases.

**Request 4e.** Explain why a TIER of 1.10 was established as an apparent required level of earnings in the analysis.

**Response 4e.** A TIER of 1.10 was chosen simply because it is within the band of the minimum TIER required by RUS of 1.05 and the TIER allowed by the Commission in EKPC’s most recent rate order of 1.15. No other significance was assigned to this TIER level. Using a higher or lower constant TIER yields the same project rankings.

**Request 4f.** Refer to pages 5-12 of the response.

**Request 4f(1).** EKPC has filed an application seeking an increase in base rates of \$43,364,219. The analysis, however, shows for 2007 a base rate increase of \$32,181,000. Explain this apparent discrepancy.

**Response 4f(1).** The application from EKPC seeking an increase in base rates of \$43,364,219 is based on a twelve-month test year. The analysis, which shows a base rate increase of \$32,181,000 in 2007, is calculated to include only an increase from April 1, 2007 through the end of the year.

**Request 4f(2).** Describe how EKPC determined the level of off-system sales shown for 2007 through 2009.

**Response 4f(2).** EKPC uses computer models to simulate expected hourly generation schedules. The models take the given native load levels and dispatch the units, along with the expected market prices, to the most economic schedules. The model dispatches on an “ideal” economic basis. It does not take into account physical transmission or sales constraints. Therefore, it will tend to overstate the value of off-system sales. These results need to be adjusted when dealing with budget issues; however, for case comparisons they are appropriate. The dispatch assumptions are consistent across cases and provide full value for any generation differences between cases. The data presented has been to compare cases to establish the value of having generation in various time periods, and not to use as stand-alone financial forecasts.

Projections of market purchases and sales have a high degree of uncertainty due to the volatility in the prices of natural gas and market power. In addition, actual load data can vary greatly from load projections due to variances in weather and even the economy, and cause actual purchases and sales to vary greatly from projections.

**Request 4f(3).** In light of its actual experience in 2005 and the revised budget in 2006, explain in detail why the forecast of off-system sales for the entire analysis is reasonable.

**Response 4f(3).** As stated in Response 4f(2), the forecast of off-system sales for the entire analysis is based on dispatching on an ideal economic basis. This modeling, given the case comparison purposes for which it was used in responding to the previous data request, is reasonable and appropriate.

**Request 4f(4).** On pages 5 and 6 of 12, the 2010 base case scenario, explain why the fuel adjustment revenues decrease significantly from previous levels from 2010 through 2014.

**Response 4f(4).** The Smith CFB Unit goes into operation June 2010. Because of this, purchased power included in the FAC is reduced significantly since generation is coming off of the Smith CFB Unit. The fuel cost for the Smith CFB Unit is much lower than the cost of purchased power; therefore, the fuel adjustment rate decreases significantly for the first few years until the load increases and purchased power again becomes a significant part of the fuel adjustment rate.

**Request 4f(5).** The analysis shows for the 2010 base case scenario a base rate increase of \$63,173,000 in 2010. The 2012 delay scenario shows a base rate increase of \$40,076,000 in 2012. The 2015 delay scenario shows a base rate increase of \$31,599,000 in 2015. The 2018 delay scenario shows a base rate increase of \$39,594,000 in 2018. Explain how the year that the Smith CFB Unit goes on line impacts the base rate increase modeled for that year.

**Response 4f(5).** Because of the constant TIER level used in this analysis, the rate increases shown for each individual year are not actually indicative of the timing of projected rate increases. A more relevant indicator is the total revenue from members, which is used in the net present value analysis, comparing the different commercial operation dates of the CFB units.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2006-00564**  
**APPENDIX C INFORMATION REQUEST RESPONSE**

**PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07**  
**REQUEST 5**

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

**Request 5.** Prepare a revised detailed economic analysis, from a ratepayer's perspective, showing the effect of an in-service date for the Smith CFB Unit in 2010, 2012, 2015, and 2018. All assumptions used in the originally submitted analysis shall be utilized, with the following exceptions:

**Request 5a.** The Smith CTs 8 and 9 are to be in commercial operation by January 2009, while the Smith CTs 10-12 are to be in commercial operation by January 2012, 2013, and 2014.

**Request 5b.** TIER shall not be fixed in the analysis but, instead, shall reflect the expected results of operations.

**Request 5c.** Base rate increases shall match the forecasted rate increases as shown in EKPC's current 20-year financial forecast.

**Request 5d.** The revenues from off-system sales shall match the levels included in EKPC's current 20-year financial forecast.



**Request 5e.** Fuel adjustment revenues and revenues from the environmental surcharge shall reflect the levels included in EKPC's current 20-year financial forecast.

**Response 5a,b,c,d,e.** EKPC performed a detailed production cost and financial analysis using the commercial operation dates provided in this request for Smith CFB 1. A base case was developed with Smith CFB 1 in operation in June 2011. The June 2011 startup date is based on the most current project schedule. Smith CTs 8-9 were assumed to be in commercial operation in June 2009, and Smith CTs 10-12 were assumed to be in commercial operation in October of 2011, 2012, and 2013, respectively. Additional cases were developed with commercial operation of Smith CFB 1 delayed to August 2012, August 2015, and August 2018, in accordance with this request. No other future generating resources were added in the study. The results of the study are provided following this explanation.

The results include a comparison of total revenue from members and net present value of revenue requirements, and income statements for each case. As the comparison shows, the base case with Smith CFB 1 in June 2011 has the lowest net present value cost, followed in order by the requested delay cases.

It should be noted that since no future resources were added other than Spurlock 4, Smith CTs 8-12, and Smith CFB 1, a specific reserve margin target was not met throughout the study. Each case becomes roughly equivalent to the base case once Smith CFB 1 comes online in each respective case. In the years prior to Smith CFB 1 coming online, the base case has more capacity available and a higher reserve margin than the alternate cases with Smith CFB 1 delayed. Market purchases are made by the production cost model as necessary to meet its daily and hourly load obligations. However, if capacity were purchased to meet a specific reserve margin in each case, the alternate cases would be even higher cost compared to the base case than shown in the comparison.

Item 6 of the Commission's Supplemental Data Request dated January 26, 2007, the Commission specifies that EKPC's generation system "as currently certificated" should be used in the analysis. EKPC interpreted this to mean that the commission desired for EKPC to insert no additional generation units into the expansion plan beyond the certificated units. Using purchased power only to serve load beyond the certificated units causes unrealistically high net margins. In order to mitigate these distorted results, the TIER levels have been capped at 1.15 on an annual basis, based on the most recent TIER level allowed by the Commission to EKPC.

**COMPARISON TOTAL REVENUE FROM MEMBERS**  
PSC CASE NO. 2006-00564  
(\$000)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Discount Rate	6.00%									
Smith Unit #1 - June 2011 - Basecase	738,107	757,280	748,868	772,780	803,533	868,260	900,504	937,708	974,638	1,001,604
Smith Unit #1 - August 2012	738,107	757,280	746,508	770,261	798,386	860,936	905,553	932,958	969,628	1,002,636
Smith Unit #1 - August 2015	738,107	757,280	746,174	768,569	793,093	836,236	883,426	928,424	979,271	1,014,816
Smith Unit #1 - August 2018	738,107	757,280	746,174	768,569	793,093	836,236	881,209	922,717	965,542	1,001,569

Net Present Value (2007 - 2026)

Smith Unit #1 - June 2011 - Basecase	11,118,925
Smith Unit #1 - August 2012	11,129,302
Smith Unit #1 - August 2015	11,168,960
Smith Unit #1 - August 2018	11,181,097

\* These Income Statements are to be used in response to PSC Case No. 2006-00564, Question No. 5 ONLY.

**COMPARISON TOTAL REVENUE FROM MEMBERS**  
PSC CASE NO. 2006-00564  
(\$000)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Discount Rate	6.00%									
Smith Unit #1 - June 2011 - Basecase	1,029,547	1,067,155	1,121,652	1,158,287	1,199,934	1,248,847	1,299,437	1,352,274	1,412,235	1,428,943
Smith Unit #1 - August 2012	1,035,988	1,073,371	1,128,005	1,164,800	1,206,119	1,255,439	1,305,115	1,358,467	1,417,522	1,434,810
Smith Unit #1 - August 2015	1,052,705	1,090,893	1,145,301	1,181,197	1,223,183	1,273,224	1,321,129	1,374,190	1,432,721	1,448,358
Smith Unit #1 - August 2018	1,042,886	1,091,200	1,148,747	1,195,723	1,238,192	1,287,223	1,334,722	1,387,523	1,445,713	1,460,895

Net Present Value (2007 - 2026)

- Smith Unit #1 - June 2011 - Basecase
- Smith Unit #1 - August 2012
- Smith Unit #1 - August 2015
- Smith Unit #1 - August 2018

\* These Income Statements are to be used in response to PSC Case No. 2006-00564, Question No. 5 ONLY.

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**EAST KENTUCKY POWER COOPERATIVE**  
**PSC CASE NO. 2006-00564**  
**SMITH UNIT #1 - JUNE 2011 (BASECASE)**  
**(2007-2026)**  
**STATEMENT OF OPERATIONS**  
**(\$000)**

	ACTUAL 2005	ACTUAL 2006	BUDGET 2007	BUDGET 2008	2009	2010	2011	2012	2013	2014	2015
<b>OPERATING REVENUE</b>											
MEMBER COOPERATIVES											
BASE RATES	\$502,693	\$509,226	\$536,851	\$598,154	\$606,237	\$638,561	\$667,105	\$711,184	\$771,029	\$787,785	\$814,656
FUEL ADJUSTMENT	90,599	81,057	96,136	85,151	59,795	27,832	12,401	(7,354)	2,360	12,353	28,755
ENVIRONMENTAL SURCHARGE	27,217	55,193	72,939	73,973	73,155	92,564	95,458	122,383	127,114	127,379	131,226
BASE RATE CHANGE	0	0	32,181	0	9,681	13,822	28,569	42,046	0	10,191	0
<b>TOTAL FROM MEMBERS</b>	<b>620,509</b>	<b>645,476</b>	<b>738,107</b>	<b>751,279</b>	<b>748,868</b>	<b>772,880</b>	<b>803,533</b>	<b>868,260</b>	<b>900,504</b>	<b>937,708</b>	<b>974,638</b>
OFF SYSTEM SALES	7,469	3,458	32,043	39,717	20,677	31,510	40,060	48,593	44,715	43,739	41,080
<b>TOTAL OPERATING REVENUE</b>	<b>627,978</b>	<b>648,934</b>	<b>770,150</b>	<b>796,996</b>	<b>769,545</b>	<b>804,289</b>	<b>843,593</b>	<b>916,852</b>	<b>945,218</b>	<b>981,447</b>	<b>1,015,718</b>
<b>EXPENSES</b>											
<b>PRODUCTION</b>											
FUEL	257,348	270,750	302,747	299,618	265,320	286,641	301,458	308,559	316,963	327,512	336,904
O AND M	102,976	114,270	145,708	147,861	137,329	154,668	169,145	179,086	181,627	187,598	194,958
OTHER POWER SUPPLY	120,302	92,486	117,637	127,287	103,829	70,295	52,273	39,916	45,637	51,409	62,822
TRANSMISSION O AND M	15,413	16,377	19,003	19,959	20,572	21,340	22,757	24,326	25,012	32,390	33,133
ADMINISTRATIVE & GENERAL	72,027	39,830	34,589	35,487	35,501	36,636	37,808	39,017	40,265	41,553	42,883
DEPRECIATION	52,038	39,384	43,155	51,734	70,233	76,539	87,738	113,270	121,498	126,969	127,921
TAXES	235	1	10	10	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	69,571	84,634	110,235	128,024	146,969	173,698	186,035	197,220	199,117	198,632	196,463
INTEREST CHARGED TO CONSTR	(6,226)	(9,192)	(30,979)	(52,827)	(20,130)	(29,331)	(28,846)	(0)	0	0	0
OTHER DEBT COST	273	200	220	172	1,220	879	198	161	161	153	110
<b>TOTAL EXPENSES</b>	<b>683,957</b>	<b>648,740</b>	<b>742,326</b>	<b>757,324</b>	<b>760,842</b>	<b>791,364</b>	<b>828,566</b>	<b>901,555</b>	<b>930,280</b>	<b>966,215</b>	<b>995,195</b>
<b>OPERATING MARGINS</b>	<b>(55,979)</b>	<b>194</b>	<b>27,824</b>	<b>39,672</b>	<b>8,703</b>	<b>12,925</b>	<b>15,026</b>	<b>15,297</b>	<b>14,938</b>	<b>15,232</b>	<b>20,523</b>
OTHER REVENUE	9,972	10,980	7,254	6,720	6,141	4,619	3,763	4,622	4,806	4,830	5,991
<b>NET MARGIN</b>	<b>(\$46,008)</b>	<b>\$11,174</b>	<b>\$35,078</b>	<b>\$46,391</b>	<b>\$14,844</b>	<b>\$17,543</b>	<b>\$18,790</b>	<b>\$19,919</b>	<b>\$19,745</b>	<b>\$20,062</b>	<b>\$26,514</b>
<b>TIMES INTEREST EARNED RATIO</b>	<b>0.34</b>	<b>1.13</b>	<b>1.32</b>	<b>1.36</b>	<b>1.10</b>	<b>1.10</b>	<b>1.10</b>	<b>1.10</b>	<b>1.10</b>	<b>1.10</b>	<b>1.13</b>

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**EAST KENTUCKY POWER COOPERATIVE**  
**FSC CASE NO. 2006-00564**  
**SMITH UNIT #1 - JUNE 2011 (BASECASE)**  
**(2007-2026)**  
**STATEMENT OF OPERATIONS**  
**(\$000)**

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
<b>OPERATING REVENUE</b>											
MEMBER COOPERATIVES											
BASE RATES	\$832,321	\$844,054	\$852,244	\$864,843	\$882,586	\$892,011	\$902,759	\$913,191	\$926,821	\$945,775	\$956,259
FUEL ADJUSTMENT	44,325	63,543	84,041	114,243	142,058	172,115	208,587	243,778	278,251	325,217	335,169
ENVIRONMENTAL SURCHARGE	131,401	131,450	137,196	144,378	144,089	144,181	145,714	146,751	147,202	147,906	119,543
BASE RATE CHANGE	(6,443)	(9,500)	(6,326)	(1,811)	(10,446)	(8,373)	(8,213)	(4,283)	0	(6,663)	17,972
<b>TOTAL FROM MEMBERS</b>	<b>1,001,604</b>	<b>1,029,517</b>	<b>1,067,155</b>	<b>1,121,652</b>	<b>1,158,287</b>	<b>1,199,934</b>	<b>1,248,847</b>	<b>1,299,437</b>	<b>1,352,274</b>	<b>1,412,235</b>	<b>1,428,943</b>
OFF SYSTEM SALES	42,266	39,651	36,493	33,473	31,892	29,581	24,980	21,221	21,338	18,835	20,193
TOTAL OPERATING REVENUE	1,043,869	1,069,198	1,103,649	1,155,125	1,190,179	1,229,515	1,273,827	1,320,659	1,373,612	1,431,070	1,449,136
<b>EXPENSES</b>											
PRODUCTION											
FUEL	359,795	376,047	391,876	411,381	430,092	448,374	466,532	484,984	505,553	526,347	553,629
O AND M	201,141	205,934	217,951	231,018	234,805	239,966	245,970	254,229	261,123	264,892	271,732
OTHER POWER SUPPLY	63,866	72,521	82,070	98,837	114,606	132,646	155,675	177,636	200,958	233,029	224,751
TRANSMISSION O AND M	33,640	35,063	36,533	41,861	43,554	45,304	47,112	48,981	55,371	57,510	59,721
ADMINISTRATIVE & GENERAL	44,255	45,672	47,134	48,644	50,202	51,811	53,471	55,185	56,955	58,782	60,668
DEPRECIATION	128,808	130,600	131,355	132,593	133,138	134,392	135,691	137,152	138,751	140,418	141,815
TAXES	0	0	0	0	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	191,402	185,227	179,747	174,601	168,958	163,432	156,750	150,048	143,118	136,761	130,614
INTEREST CHARGED TO CONSTR	0	0	0	0	0	0	0	0	0	0	0
OTHER DEBT COST	110	110	110	110	110	110	110	107	100	100	100
TOTAL EXPENSES	1,023,018	1,051,174	1,086,777	1,139,045	1,175,465	1,216,034	1,261,311	1,308,323	1,361,928	1,417,840	1,443,031
OPERATING MARGINS	20,852	18,025	16,871	16,080	14,714	13,480	12,516	12,336	11,685	13,230	6,105
OTHER REVENUE	8,050	9,944	10,271	10,285	10,799	11,198	11,153	10,322	8,596	7,421	7,087
NET MARGIN	\$28,902	\$27,969	\$27,142	\$26,365	\$25,513	\$24,678	\$23,669	\$22,657	\$20,281	\$20,651	\$13,192
TIMES INTEREST EARNED RATIO	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.14	1.15	1.10

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**EAST KENTUCKY POWER COOPERATIVE**  
**PSC CASE NO. 2006-00564**  
**SMITH UNIT #1 - AUGUST 2012**  
**(2007-2026)**  
**STATEMENT OF OPERATIONS**  
**(\$000)**

	ACTUAL 2005	ACTUAL 2006	BUDGET 2007	BUDGET 2008	2009	2010	2011	2012	2013	2014	2015
<b>OPERATING REVENUE</b>											
<b>MEMBER COOPERATIVES</b>											
BASE RATES	\$502,693	\$509,226	\$536,851	\$598,154	\$606,237	\$636,118	\$664,736	\$676,691	\$734,678	\$793,219	\$809,803
FUEL ADJUSTMENT	90,599	81,057	96,136	85,151	59,795	27,832	36,638	20,042	2,065	12,353	28,601
ENVIRONMENTAL SURCHARGE	27,217	55,193	72,939	73,973	73,155	92,564	99,765	123,007	127,126	127,386	131,224
BASE RATE CHANGE	0	0	32,181	0	7,321	13,748	(2,753)	41,195	41,684	0	0
<b>TOTAL FROM MEMBERS</b>	<b>620,509</b>	<b>645,476</b>	<b>738,107</b>	<b>751,278</b>	<b>746,508</b>	<b>770,262</b>	<b>798,386</b>	<b>860,936</b>	<b>905,553</b>	<b>932,958</b>	<b>969,628</b>
OFF SYSTEM SALES	7,469	3,458	32,043	39,717	20,677	31,510	26,134	34,724	44,937	43,614	41,258
TOTAL OPERATING REVENUE	627,978	648,934	770,150	796,996	767,186	801,771	824,520	895,661	950,490	976,572	1,010,887
<b>EXPENSES</b>											
<b>PRODUCTION</b>											
FUEL	257,348	270,750	302,747	299,618	265,320	286,641	302,630	308,901	316,918	327,696	337,015
O AND M	102,976	114,270	145,708	147,861	137,329	154,668	160,445	173,198	181,817	187,781	195,126
OTHER POWER SUPPLY	120,302	92,486	117,637	127,287	103,829	70,295	65,774	56,523	45,700	51,203	62,821
TRANSMISSION O AND M	15,413	16,377	19,003	19,959	20,572	21,226	22,761	24,329	25,015	32,393	33,137
ADMINISTRATIVE & GENERAL	72,027	39,830	34,589	35,487	35,501	36,636	37,808	39,017	40,265	41,553	42,883
DEPRECIATION	52,038	39,384	43,155	51,734	70,233	76,455	78,121	104,035	122,417	127,888	128,841
TAXES	235	1	10	10	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	69,571	84,634	110,235	128,024	141,359	162,339	176,978	196,001	202,373	201,958	199,826
INTEREST CHARGED TO CONSTR	(6,226)	(9,192)	(30,979)	(52,827)	(11,242)	(18,336)	(42,179)	(21,992)	0	0	0
OTHER DEBT COST	273	200	220	172	1,220	879	198	161	161	153	110
TOTAL EXPENSES	683,957	648,740	742,326	757,324	764,121	790,803	802,535	880,173	934,665	970,625	999,759
OPERATING MARGINS	(55,979)	194	27,824	39,672	3,065	10,969	21,985	15,488	15,825	5,947	11,128
OTHER REVENUE	9,972	10,980	7,254	6,720	11,212	5,428	3,832	4,308	4,614	4,903	5,105
NET MARGIN	(\$46,008)	\$11,174	\$35,078	\$46,391	\$14,277	\$16,396	\$25,817	\$19,796	\$20,440	\$10,850	\$16,232
TIMES INTEREST EARNED RATIO	0.34	1.13	1.32	1.36	1.10	1.10	1.15	1.10	1.10	1.05	1.08

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EAST KENTUCKY POWER COOPERATIVE  
PSC CASE NO. 2006-00564  
SMITH UNIT #1 - AUGUST 2012  
(2007-2026)  
STATEMENT OF OPERATIONS  
(\$000)

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
<b>OPERATING REVENUE</b>											
MEMBER COOPERATIVES											
BASE RATES	\$827,363	\$845,567	\$858,954	\$871,545	\$889,062	\$898,518	\$909,198	\$919,681	\$932,975	\$952,053	\$962,002
FUEL ADJUSTMENT	43,853	63,383	83,713	114,243	142,230	171,940	208,587	243,231	278,251	324,838	335,555
ENVIRONMENTAL SURCHARGE	131,420	131,480	137,185	144,397	144,068	144,239	145,941	146,944	147,240	147,935	119,571
BASE RATE CHANGE	0	(4,441)	(6,480)	(2,179)	(10,560)	(8,578)	(8,287)	(4,740)	0	(7,304)	17,682
<b>TOTAL FROM MEMBERS</b>	<b>1,002,636</b>	<b>1,035,988</b>	<b>1,073,937</b>	<b>1,128,005</b>	<b>1,164,800</b>	<b>1,206,019</b>	<b>1,255,439</b>	<b>1,305,115</b>	<b>1,358,467</b>	<b>1,417,522</b>	<b>1,433,810</b>
OFF SYSTEM SALES	42,416	39,543	36,627	33,562	31,912	29,099	24,803	21,100	21,686	18,727	20,092
<b>TOTAL OPERATING REVENUE</b>	<b>1,045,053</b>	<b>1,075,531</b>	<b>1,109,998</b>	<b>1,161,568</b>	<b>1,196,712</b>	<b>1,235,218</b>	<b>1,280,242</b>	<b>1,326,215</b>	<b>1,380,153</b>	<b>1,436,248</b>	<b>1,454,903</b>
<b>EXPENSES</b>											
PRODUCTION											
FUEL	359,893	375,867	391,704	411,447	430,183	448,544	466,047	484,189	505,463	526,173	553,435
O AND M	201,344	206,134	218,089	231,247	234,970	240,195	246,619	254,585	261,284	265,132	271,861
OTHER POWER SUPPLY	63,565	72,488	82,177	98,810	114,793	131,964	156,050	177,867	201,362	232,615	225,326
TRANSMISSION O AND M	33,644	35,066	36,537	41,866	43,558	45,308	47,117	48,986	55,376	57,515	59,726
ADMINISTRATIVE & GENERAL	44,255	45,672	47,134	48,644	50,202	51,811	53,471	55,185	56,955	58,782	60,668
DEPRECIATION	129,728	131,519	132,275	133,512	134,057	135,311	136,610	138,071	139,670	141,338	142,734
TAXES	0	0	0	0	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	194,768	188,595	183,116	177,970	172,326	166,797	160,110	153,403	146,464	140,097	133,937
INTEREST CHARGED TO CONSTR	0	0	0	0	0	0	0	0	0	0	0
OTHER DEBT COST	110	110	110	110	110	110	110	107	100	100	100
<b>TOTAL EXPENSES</b>	<b>1,027,307</b>	<b>1,055,451</b>	<b>1,091,143</b>	<b>1,143,606</b>	<b>1,180,199</b>	<b>1,220,041</b>	<b>1,266,133</b>	<b>1,312,392</b>	<b>1,366,674</b>	<b>1,421,751</b>	<b>1,447,786</b>
OPERATING MARGINS	17,746	20,080	18,856	17,961	16,514	15,177	14,109	13,823	13,479	14,497	7,116
OTHER REVENUE	6,605	8,398	8,795	8,912	9,508	10,009	10,068	9,341	7,730	6,658	6,411
<b>NET MARGIN</b>	<b>\$24,351</b>	<b>\$28,478</b>	<b>\$27,651</b>	<b>\$26,874</b>	<b>\$26,021</b>	<b>\$25,186</b>	<b>\$24,177</b>	<b>\$23,164</b>	<b>\$21,209</b>	<b>\$21,155</b>	<b>\$13,528</b>
<b>TIMES INTEREST EARNED RATIO</b>	<b>1.13</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.14</b>	<b>1.15</b>	<b>1.10</b>



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**EAST KENTUCKY POWER COOPERATIVE**  
**PSC CASE NO. 2006-00564**  
**SMITH UNIT #1 - AUGUST 2015**  
**(2007-2026)**  
**STATEMENT OF OPERATIONS**  
**(\$000)**

	ACTUAL 2005	ACTUAL 2006	BUDGET 2007	BUDGET 2008	2009	2010	2011	2012	2013	2014	2015
<b>OPERATING REVENUE</b>											
MEMBER COOPERATIVES											
BASE RATES	\$502,693	\$509,226	\$536,851	\$598,154	\$606,237	\$635,771	\$663,005	\$671,402	\$687,256	\$715,590	\$746,677
FUEL ADJUSTMENT	90,599	81,057	96,136	85,151	59,795	27,832	36,638	41,671	55,902	69,448	65,660
ENVIRONMENTAL SURCHARGE	27,217	55,193	72,939	73,973	73,155	92,564	99,765	123,163	127,138	127,452	130,736
BASE RATE CHANGE	0	0	32,181	0	6,987	12,401	(6,315)	0	13,130	15,933	36,198
<b>TOTAL FROM MEMBERS</b>	<b>620,509</b>	<b>645,476</b>	<b>738,107</b>	<b>757,278</b>	<b>746,174</b>	<b>768,569</b>	<b>793,093</b>	<b>836,236</b>	<b>883,426</b>	<b>928,424</b>	<b>979,271</b>
OFF SYSTEM SALES	7,469	3,458	32,043	39,717	20,677	31,510	26,134	24,029	22,069	19,097	28,894
<b>TOTAL OPERATING REVENUE</b>	<b>627,978</b>	<b>648,934</b>	<b>770,150</b>	<b>796,996</b>	<b>766,851</b>	<b>800,078</b>	<b>819,227</b>	<b>860,265</b>	<b>905,495</b>	<b>947,521</b>	<b>1,008,166</b>
<b>EXPENSES</b>											
<b>PRODUCTION</b>											
FUEL	257,348	270,750	302,747	299,618	265,320	286,641	302,630	306,920	314,969	324,832	335,975
O AND M	102,976	114,270	145,708	147,861	137,329	154,668	160,445	162,125	163,706	169,339	188,138
OTHER POWER SUPPLY	120,302	92,486	117,637	127,287	103,829	70,295	65,774	72,078	84,042	92,416	91,319
TRANSMISSION O AND M	15,413	16,377	19,003	19,959	20,572	21,226	22,643	24,212	24,897	32,406	33,149
ADMINISTRATIVE & GENERAL	72,027	39,830	34,589	35,487	35,501	36,636	37,808	39,017	40,265	41,553	42,883
DEPRECIATION	52,038	39,384	43,155	51,734	70,233	76,455	78,035	96,696	104,924	110,489	120,001
TAXES	235	1	10	10	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	69,571	84,634	110,235	128,024	138,179	149,419	148,667	160,776	176,591	194,352	206,088
INTEREST CHARGED TO CONSTR	(6,226)	(9,192)	(30,979)	(52,827)	(8,075)	(5,684)	(15,250)	(5,404)	(17,443)	(33,118)	(25,779)
OTHER DEBT COST	273	200	220	172	1,220	879	198	161	161	153	110
<b>TOTAL EXPENSES</b>	<b>683,957</b>	<b>648,740</b>	<b>742,326</b>	<b>757,324</b>	<b>764,107</b>	<b>790,535</b>	<b>800,949</b>	<b>856,582</b>	<b>892,112</b>	<b>932,421</b>	<b>991,884</b>
<b>OPERATING MARGINS</b>	<b>(55,979)</b>	<b>194</b>	<b>27,824</b>	<b>39,672</b>	<b>2,744</b>	<b>9,544</b>	<b>18,278</b>	<b>3,683</b>	<b>13,383</b>	<b>15,099</b>	<b>16,281</b>
<b>OTHER REVENUE</b>	<b>9,972</b>	<b>10,980</b>	<b>7,254</b>	<b>6,720</b>	<b>11,212</b>	<b>5,548</b>	<b>4,119</b>	<b>4,653</b>	<b>4,452</b>	<b>4,530</b>	<b>4,534</b>
<b>NET MARGIN</b>	<b>(\$46,008)</b>	<b>\$11,174</b>	<b>\$35,078</b>	<b>\$46,391</b>	<b>\$13,956</b>	<b>\$15,091</b>	<b>\$22,397</b>	<b>\$8,336</b>	<b>\$17,836</b>	<b>\$19,630</b>	<b>\$20,815</b>
<b>TIMES INTEREST EARNED RATIO</b>	<b>0.34</b>	<b>1.13</b>	<b>1.32</b>	<b>1.36</b>	<b>1.10</b>	<b>1.10</b>	<b>1.15</b>	<b>1.05</b>	<b>1.10</b>	<b>1.10</b>	<b>1.10</b>

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**EAST KENTUCKY POWER COOPERATIVE**  
**PSC CASE NO. 2006-00564**  
**SMITH UNIT #1 - AUGUST 2015**  
**(2007-2026)**  
**STATEMENT OF OPERATIONS**  
**(\$000)**

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
<b>OPERATING REVENUE</b>											
MEMBER COOPERATIVES											
BASE RATES	\$799,684	\$857,852	\$876,031	\$889,290	\$906,377	\$915,464	\$926,218	\$935,818	\$948,891	\$968,289	\$977,281
FUEL ADJUSTMENT	44,011	63,383	83,877	114,578	142,058	171,940	208,587	243,596	278,065	325,028	335,169
ENVIRONMENTAL SURCHARGE	131,408	131,470	137,181	144,422	144,078	144,656	147,896	146,978	147,234	147,939	119,584
BASE RATE CHANGE	39,713	0	(6,195)	(2,988)	(11,315)	(8,877)	(9,477)	(5,263)	0	(8,534)	16,324
<b>TOTAL FROM MEMBERS</b>	<b>1,014,816</b>	<b>1,152,705</b>	<b>1,237,272</b>	<b>1,288,312</b>	<b>1,338,538</b>	<b>1,350,533</b>	<b>1,339,074</b>	<b>1,372,369</b>	<b>1,374,420</b>	<b>1,432,721</b>	<b>1,448,358</b>
OFF SYSTEM SALES	42,598	39,313	36,544	33,614	32,042	28,911	25,004	21,242	21,608	18,445	20,217
<b>TOTAL OPERATING REVENUE</b>	<b>1,057,414</b>	<b>1,092,017</b>	<b>1,273,817</b>	<b>1,321,926</b>	<b>1,370,580</b>	<b>1,379,444</b>	<b>1,298,229</b>	<b>1,342,371</b>	<b>1,395,798</b>	<b>1,451,166</b>	<b>1,468,575</b>
<b>EXPENSES</b>											
PRODUCTION											
FUEL	360,147	376,007	391,828	411,512	430,272	448,733	466,762	484,754	505,900	525,628	553,361
O AND M	201,973	206,704	218,708	231,844	235,653	241,594	249,279	255,245	261,947	265,684	272,541
OTHER POWER SUPPLY	63,471	72,156	82,157	99,117	114,518	131,584	155,341	177,829	200,697	233,337	225,114
TRANSMISSION O AND M	33,656	35,079	36,549	41,879	43,572	45,322	47,130	49,000	55,391	57,530	59,741
ADMINISTRATIVE & GENERAL	44,255	45,672	47,134	48,644	50,202	51,811	53,471	55,185	56,955	58,782	60,668
DEPRECIATION	132,872	134,664	135,419	136,657	137,201	138,456	139,754	141,215	142,814	144,482	145,879
TAXES	0	0	0	0	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	205,879	199,724	194,265	189,136	183,508	177,995	171,323	164,628	157,699	151,341	145,187
INTEREST CHARGED TO CONSTR	0	0	0	0	0	0	0	0	0	0	0
OTHER DEBT COST	110	110	110	110	110	110	110	107	100	100	100
<b>TOTAL EXPENSES</b>	<b>1,042,364</b>	<b>1,070,116</b>	<b>1,106,169</b>	<b>1,158,899</b>	<b>1,195,037</b>	<b>1,235,604</b>	<b>1,283,169</b>	<b>1,327,963</b>	<b>1,381,504</b>	<b>1,436,883</b>	<b>1,462,590</b>
<b>OPERATING MARGINS</b>	<b>15,050</b>	<b>21,901</b>	<b>21,268</b>	<b>20,015</b>	<b>18,202</b>	<b>16,491</b>	<b>15,059</b>	<b>14,408</b>	<b>14,294</b>	<b>14,284</b>	<b>5,985</b>
<b>OTHER REVENUE</b>	<b>5,743</b>	<b>7,455</b>	<b>8,066</b>	<b>8,544</b>	<b>9,508</b>	<b>10,387</b>	<b>10,811</b>	<b>10,451</b>	<b>9,224</b>	<b>8,569</b>	<b>8,679</b>
<b>NET MARGIN</b>	<b>\$20,794</b>	<b>\$29,356</b>	<b>\$29,334</b>	<b>\$28,560</b>	<b>\$27,710</b>	<b>\$26,877</b>	<b>\$25,870</b>	<b>\$24,859</b>	<b>\$23,518</b>	<b>\$22,852</b>	<b>\$14,664</b>
<b>TIMES INTEREST EARNED RATIO</b>	<b>1.10</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.10</b>

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**EAST KENTUCKY POWER COOPERATIVE**  
**PSC CASE NO. 2006-00564**  
**SMITH UNIT #1 - AUGUST 2018**  
**(2007-2026)**  
**STATEMENT OF OPERATIONS**  
**(\$000)**

	ACTUAL 2005	ACTUAL 2006	BUDGET 2007	BUDGET 2008	2009	2010	2011	2012	2013	2014	2015
<b>OPERATING REVENUE</b>											
MEMBER COOPERATIVES											
BASE RATES	\$502,693	\$509,226	\$536,851	\$598,154	\$606,237	\$635,771	\$663,005	\$671,402	\$687,256	\$713,325	\$740,969
FUEL ADJUSTMENT	90,599	81,057	96,136	85,151	59,795	27,832	36,638	41,671	55,902	69,448	93,646
ENVIRONMENTAL SURCHARGE	27,217	55,193	72,939	73,973	73,155	92,564	99,765	123,163	127,138	127,452	130,926
BASE RATE CHANGE	0	0	32,181	0	6,987	12,401	(6,315)	0	10,913	12,491	0
<b>TOTAL FROM MEMBERS</b>	<b>620,509</b>	<b>645,476</b>	<b>738,107</b>	<b>757,278</b>	<b>746,174</b>	<b>768,569</b>	<b>793,093</b>	<b>836,236</b>	<b>881,209</b>	<b>922,717</b>	<b>965,542</b>
OFF SYSTEM SALES	7,469	3,458	32,043	39,717	20,677	31,510	26,134	24,029	22,069	19,097	17,240
<b>TOTAL OPERATING REVENUE</b>	<b>627,978</b>	<b>648,934</b>	<b>770,150</b>	<b>796,996</b>	<b>766,851</b>	<b>800,078</b>	<b>819,227</b>	<b>860,265</b>	<b>903,278</b>	<b>941,814</b>	<b>982,782</b>
<b>EXPENSES</b>											
PRODUCTION											
FUEL	257,348	270,750	302,747	299,618	265,320	286,641	302,630	306,920	314,969	324,832	331,657
O AND M	102,976	114,270	145,708	147,861	137,329	154,668	160,445	162,125	163,706	169,339	175,847
OTHER POWER SUPPLY	120,302	92,486	117,637	127,287	103,829	70,295	65,774	72,078	84,042	92,416	114,841
TRANSMISSION O AND M	15,413	16,377	19,003	19,959	20,572	21,226	22,643	24,212	24,897	32,260	33,004
ADMINISTRATIVE & GENERAL	72,027	39,830	34,589	35,487	35,501	36,636	37,808	39,017	40,265	41,553	42,883
DEPRECIATION	52,038	39,384	43,155	51,734	70,233	76,455	78,035	96,696	104,924	110,395	111,347
TAXES	235	1	10	10	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	69,571	84,634	110,235	128,024	138,179	149,419	148,667	156,844	160,257	160,953	163,571
INTEREST CHARGED TO CONSTR	(6,226)	(9,192)	(30,979)	(52,827)	(8,075)	(5,684)	(15,250)	(1,458)	(1,458)	(1,458)	(5,666)
OTHER DEBT COST	273	200	220	172	1,220	879	198	161	161	153	110
<b>TOTAL EXPENSES</b>	<b>683,957</b>	<b>648,740</b>	<b>742,326</b>	<b>757,324</b>	<b>764,107</b>	<b>790,535</b>	<b>800,949</b>	<b>856,595</b>	<b>891,762</b>	<b>930,443</b>	<b>967,593</b>
OPERATING MARGINS	(55,979)	194	27,824	39,672	2,744	9,544	18,278	3,670	11,516	11,372	15,188
OTHER REVENUE	9,972	10,980	7,254	6,720	11,212	5,548	4,119	4,653	4,670	4,885	4,922
<b>NET MARGIN</b>	<b>(\$46,008)</b>	<b>\$11,174</b>	<b>\$35,078</b>	<b>\$46,391</b>	<b>\$13,956</b>	<b>\$15,091</b>	<b>\$22,397</b>	<b>\$8,322</b>	<b>\$16,186</b>	<b>\$16,256</b>	<b>\$20,111</b>
TIMES INTEREST EARNED RATIO	0.34	1.13	1.32	1.36	1.10	1.10	1.15	1.05	1.10	1.10	1.12

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**EAST KENTUCKY POWER COOPERATIVE**  
**PSC CASE NO. 2006-00564**  
**SMITH UNIT #1 - AUGUST 2018**  
**(2007-2026)**  
**STATEMENT OF OPERATIONS**  
**(\$000)**

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
<b>OPERATING REVENUE</b>											
MEMBER COOPERATIVES											
BASE RATES	\$757,069	\$773,722	\$788,139	\$838,070	\$910,065	\$930,105	\$940,393	\$949,774	\$962,569	\$982,030	\$990,320
FUEL ADJUSTMENT	113,327	139,763	135,153	114,410	141,887	171,765	208,945	243,778	277,879	325,217	335,362
ENVIRONMENTAL SURCHARGE	131,173	131,223	136,130	144,418	144,456	145,951	147,867	146,968	147,297	147,929	119,578
BASE RATE CHANGE	0	(1,822)	31,778	51,849	(685)	(9,629)	(9,982)	(5,798)	(222)	(9,463)	15,635
<b>TOTAL FROM MEMBERS</b>	<b>1,001,569</b>	<b>1,042,886</b>	<b>1,091,200</b>	<b>1,148,747</b>	<b>1,195,823</b>	<b>1,238,192</b>	<b>1,287,223</b>	<b>1,334,722</b>	<b>1,387,523</b>	<b>1,445,713</b>	<b>1,460,895</b>
OFF SYSTEM SALES	17,558	14,642	22,266	33,604	32,066	29,124	24,918	21,134	21,424	18,924	20,000
<b>TOTAL OPERATING REVENUE</b>	<b>1,019,128</b>	<b>1,057,528</b>	<b>1,113,466</b>	<b>1,182,351</b>	<b>1,227,789</b>	<b>1,267,316</b>	<b>1,312,141</b>	<b>1,355,855</b>	<b>1,408,947</b>	<b>1,464,636</b>	<b>1,480,895</b>
<b>EXPENSES</b>											
<b>PRODUCTION</b>											
FUEL	355,043	369,840	387,059	411,562	430,281	448,301	466,424	484,860	505,814	526,508	553,352
O AND M	181,245	185,807	209,643	232,258	236,798	243,307	249,538	255,607	262,345	266,069	272,844
OTHER POWER SUPPLY	118,930	135,163	126,852	98,814	114,457	132,059	156,041	177,777	200,421	232,931	225,116
TRANSMISSION O AND M	33,511	35,092	36,563	41,894	43,587	45,337	47,145	49,015	55,408	57,547	59,758
ADMINISTRATIVE & GENERAL	44,255	45,672	47,134	48,644	50,202	51,811	53,471	55,185	56,955	58,782	60,668
DEPRECIATION	112,234	114,129	124,238	138,570	139,115	140,369	141,668	143,129	144,728	146,396	147,792
TAXES	0	0	0	0	0	0	0	0	0	0	0
INTEREST ON LONG TERM DEBT	171,703	184,300	194,909	196,003	190,458	185,033	178,454	171,860	165,038	158,793	152,760
INTEREST CHARGED TO CONSTR	(18,750)	(35,942)	(28,052)	0	0	0	0	0	0	0	0
OTHER DEBT COST	110	110	110	110	110	110	110	107	100	100	100
<b>TOTAL EXPENSES</b>	<b>998,282</b>	<b>1,034,172</b>	<b>1,098,457</b>	<b>1,167,855</b>	<b>1,205,009</b>	<b>1,246,327</b>	<b>1,292,852</b>	<b>1,337,559</b>	<b>1,390,807</b>	<b>1,447,125</b>	<b>1,472,390</b>
<b>OPERATING MARGINS</b>	<b>20,845</b>	<b>23,356</b>	<b>15,010</b>	<b>14,496</b>	<b>22,780</b>	<b>20,989</b>	<b>19,289</b>	<b>18,316</b>	<b>18,140</b>	<b>17,511</b>	<b>8,505</b>
<b>OTHER REVENUE</b>	<b>4,848</b>	<b>4,668</b>	<b>4,676</b>	<b>5,300</b>	<b>5,979</b>	<b>6,951</b>	<b>7,658</b>	<b>7,634</b>	<b>6,781</b>	<b>6,466</b>	<b>6,924</b>
<b>NET MARGIN</b>	<b>\$25,694</b>	<b>\$28,024</b>	<b>\$19,686</b>	<b>\$19,796</b>	<b>\$28,759</b>	<b>\$27,940</b>	<b>\$26,947</b>	<b>\$25,951</b>	<b>\$24,921</b>	<b>\$23,978</b>	<b>\$15,429</b>
<b>TIMES INTEREST EARNED RATIO</b>	<b>1.15</b>	<b>1.15</b>	<b>1.10</b>	<b>1.10</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.15</b>	<b>1.10</b>

PSC Request 5  
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EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC CASE NO. 2006-00564  
APPENDIX C INFORMATION REQUEST RESPONSE

PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07

REQUEST 6

RESPONSIBLE PERSON: James C. Lamb, Jr.

COMPANY: East Kentucky Power Cooperative, Inc.

**Request 6.** Refer to the response to Commission Staff's Supplemental Data Request, Item 9. EKPC states that it plans to do a more comprehensive examination of plant retirements in the future, but that it is difficult to factor in the impact of future environmental regulations.

**Request 6a.** The Clean Air Interstate Rule ("CAIR") was finalized by the Environmental Protection Agency in March 2005. The CAIR establishes limits for the emission of sulfur dioxide and nitrogen oxide in 2010 and 2015. Explain in detail why EKPC could not conduct a comprehensive examination of plant retirements in the future that reflected the currently known limits contained in the CAIR.

**Response 6a.** While EKPC has not conducted what would be characterized as an economic study of the retirement of older units, it routinely conducts economic evaluations of the alternatives for compliance with new environmental laws affecting its existing generating units. EKPC has conducted such evaluations of compliance requirements mandated by the CAIR. To date, none of EKPC's evaluations have shown that retirement of an older generating unit was the most economical course of action.

EKPC began to study the compliance impacts of CAIR on Spurlock Station in early 2004, before the final limitations were set. Economic evaluations of the sulfur dioxide compliance alternatives were conducted in 2004 and 2005, and did not show that plant retirement was a viable option.

As a result of CAIR and to satisfy its requirements for our system, EKPC has begun construction on two Flue Gas Desulfurization (“FGD” or “scrubber”) Systems on our two largest pulverized coal units, Spurlock Units 1 & 2. These projects both received Certificates of Public Convenience and Necessity from the Commission in 2006. EKPC has also recently discussed “early reduction credits compliance” of the “Year-Around Operation” of Selective Catalytic Reduction (“SCR”) equipment that was installed on these same two units, after similar evaluations of nitrogen oxide compliance in 2004, and has determined that it is economically marginal for EKPC to participate.

In 2006, a team was established to investigate the CAIR compliance options facing EKPC for the future of Cooper Station. Several options were considered including addition of SCR, FGD, repowering, and allowance purchases. Plant retirement was excluded as a viable option early in the process. Due to forecasted SO<sub>2</sub> and NO<sub>x</sub> allowance prices, capital expenditures, and operation and maintenance costs it was determined that purchasing allowances was the best alternative for EKPC.

Recently, a team has been established to investigate the options facing EKPC for the future of Dale Station. To date, no conclusions have been drawn. Dale Station remains valuable to EKPC for voltage stability and power generation in the Central Kentucky area. While the addition of base load generation at Smith Station may make the system benefits of Dale Station less important, retirement of Dale Station would still require the replacement of its 200 MW of generation. This is the reason that, up to this time, plant

retirement has not been more economical than plant retrofit for compliance of environmental regulations affecting EKPC generating units.

**Request 6b.** In the response, EKPC states: “More analysis will be done as environmental legislation is formulated and has greater clarity.” Does EKPC believe the requirements of the CAIR are not sufficiently clear as to what the emission limitations will be through at least 2015? Explain the response in detail.

**Response 6b.** As stated above, EKPC has evaluated CAIR requirements as they currently affect EKPC generating units. The subject response was directed toward future EKPC evaluations of plant retirements that would be based on anticipated future legislation regarding reduced limits on emissions such as mercury or carbon dioxide (“CO2”). Such future changes in environmental laws may require plant modifications that would be impossible or prohibitively expensive, and could lead EKPC, in some instances, to determine that unit retirement is the only feasible course. Extreme CO2 limits would have a tremendous impact on the direction EKPC takes in retirement of older units and replacement of these generating units with newer generation technologies such as IGCC with CO2 sequestration, or CO2 capture and sequestration retrofit of existing units.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2006-00564**  
**APPENDIX C INFORMATION REQUEST RESPONSE**

**PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07**  
**REQUEST 7**

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

**Request 7a.** State whether EKPC has estimated on a cents-per-kilowatt-hour basis, the cost of power generated by its proposed Smith CFB unit.

**Response 7a.** EKPC has estimated on a cents-per-kilowatt-hour basis, the cost of power generated by its proposed Smith 1 CFB unit.

**Request 7b.** If EKPC has calculated such an estimate, provide the estimate and all calculations and workpapers used in arriving at the estimate.

**Response 7b.** The estimate on a cents-per-kilowatt-hour basis of the cost of power generated by EKPC's proposed Smith 1 CFB unit is shown below.

Total Fixed \$/MWh	\$34.92
Total Variable \$/MWh	<u>\$18.82</u>
Total All In Cost \$/MWh	\$53.75

**Request 7c.** State whether EKPC believes it can successfully market any excess power generated by its proposed Smith CFB Unit at a price equal to or exceeding the cost. Provide all calculations and workpapers needed to support EKPC's belief.



**Response 7c.** From 7(b) above, the variable cost characteristics of Smith 1 are given. Attached is a forecast of monthly spot power prices. EKPC took a power forward curve that was provided by ACES Power Marketing, and converted it to expected spot price. As can be seen, Smith 1 would be in the money during every month. From this graph, EKPC believes it can successfully market any excess power generated by its proposed Smith 1 unit at a price equal to or exceeding the cost.

It should be noted, however, that Smith 1 output will virtually always be allocated to EKPC native load, due to its cost relative to other EKPC generating units. Any excess power that EKPC will sell on the wholesale market would be comprised of its more expensive generation.

**Request 7d.** If EKPC has not estimated the cost, explain how construction of the unit can be justified without knowing the cost of power generated.

**Response 7d.** Please see the answer to 7(a) above.

**Smith 1 (2011)**

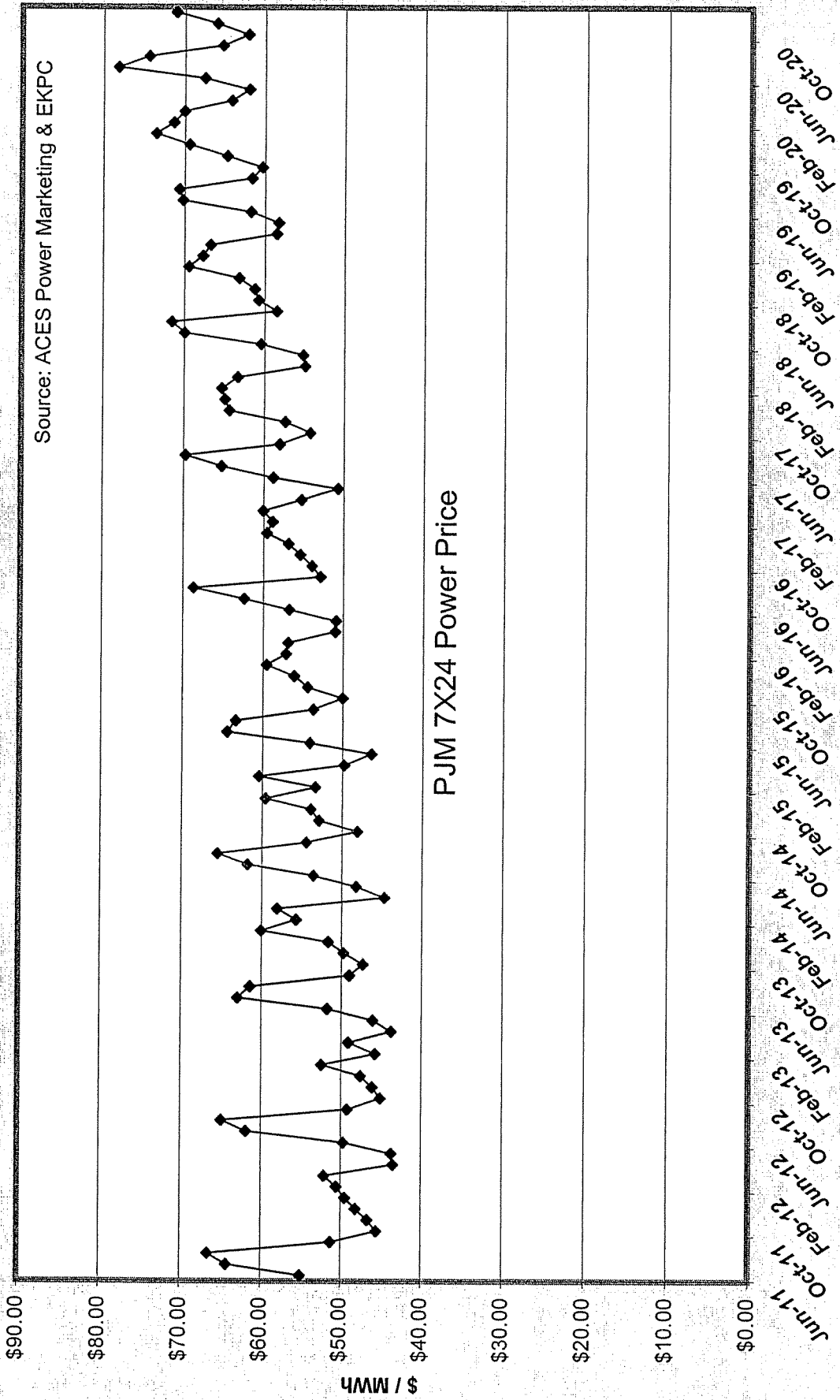
<b><u>Fixed</u></b>	
2011 Investment (2011)	659,619,037
Int	0.065
Depr	0.025
Tax	0.004086
Ins	0.000745
Tier @1.10	<u>0.0065</u>
	0.101331
	66,839,857
Fixed O&M	34.91
	278
	<u>9,704,980</u>
Fixed \$\$	76,544,837
	MWh
	2,191,752

Tot Fix \$/MWh                      34.92

<b><u>Variable</u></b>			
			\$/MWh
Cap (MW)	278	MW	
Cap Fact	0.9	2,191,752 MWh	
H.R.	9838		
Fuel	1.511		14.87
O&M			2.74
Emis Rate	<u>Tons</u>	<u>Rate (\$/T)</u>	
SO2	0.2	2156.25	750
NOx	0.07	754.69	1396
			<u>0.74</u>
			<u>0.48</u>
			<u>18.82</u>
		Total Var \$/MWh	18.82
			<u><u>53.75</u></u>

### EKPC Spot Price Forecast

Source: ACES Power Marketing & EKPC



PJM 7X24 Power Price

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2006-00564**  
**APPENDIX C INFORMATION REQUEST RESPONSE**

**PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07**  
**REQUEST 8**

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

**Request 8.** State whether EKPC has investigated selling any excess power generated by the proposed Smith CFB Unit outside its system on a contract basis.

**Response 8.** During January and February 2007, EKPC has had discussions with 6 utilities relating to power sales and/or power purchases. These utilities are as follow:

1. E.on
2. Soyland Power
3. Big Rivers
4. North Carolina EMC
5. Duke Energy
6. City of Hamilton Municipal

The discussions have centered on (1) summer 2007, and/or (2) long-term needs by both parties. Several parties asked about whether EKPC would have excess capacity, due to Warren RECC withdrawing from its power supply arrangement. EKPC's response is that even with Warren exiting, there is no excess capacity available.

EKPC has not investigated an explicit sale of excess power generated by the proposed Smith CFB unit outside its system on a contract basis, for 2 reasons.

1. Smith 1's on-line date of June 2011 will not result in excess power generation from the unit.
2. Any power that EKPC would have to sell is going to be non-firm energy, a market product that is highly uncertain. Utilities contemplating the sale or purchase of non-firm energy would typically not enter into negotiations years ahead of the proposed transaction.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2006-00564**  
**APPENDIX C INFORMATION REQUEST RESPONSE**

**PUBLIC SERVICE COMMISSION REQUEST DATED 2/13/07**  
**REQUEST 9**

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

**Request 9** State whether EKPC has considered the sale of a portion of the capacity of the proposed Smith CFB Unit going to another entity. If EKPC is not interested in such sale, explain why not.

**Response 9.** EKPC has not considered the sale of a portion of the capacity of the proposed Smith CFB unit not because of a lack of interest, but for the following reason: as the attached graph shows, EKPC will not have any excess capacity, either from Smith 1 or any other generator.

Please see 7c above for an explanation of the dispatch characteristics of Smith 1 – because it will dispatch ahead of most of EKPC’s generating units, any times during the year where there is excess capacity, such excess will in all likelihood be its fleet of combustion turbines. The attached graph provides an illustration of this for the years 2007 – 2020.

