

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST PSC CASE NO. 2007-00455 February 14, 2008

Item 13) Refer to the Unwind Model, page 9 and 10 of 37.

- a. Compare the Conventional TIER and "DSCR" calculations with the determination of TIER and Debt Service Coverage requirements in Big Rivers' Rural Utilities Service ("RUS") Mortgage. Explain all differences between the calculations.
- b. Does Big Rivers intend for the Conventional TIER to reflect the TIER awarded for rate-making purposes ("rate-making TIER") by the Commission: Explain the response.
- c. In previous electric cooperative rate cases, the Commission has determined rate-making TIER by dividing the sum of the net margins and interest on long-term debt by interest on long-term debt. Comparing rate-making TIER with the Conventional TIER as shown in the Unwind Model reveals several additional components in the Conventional TIER determination. For each additional component in the Conventional TIER, explain in detail why it is reasonable to include the component.
- d. Explain in detail why the Economic Reserve Account, Taxes, and the Sale-Leaseback Interest should be included in the determination of the DSCR.

Response) a. i. Times Interest Earned Ratio (TIER)

Generally, the calculations differ in that Conventional TIER measures coverage of interest and financing charges on all debt (but net of capitalized interest) on a pre-tax basis, while RUS TIER measures coverage of interest on long-term debt only and on an after-tax basis. Specifically, the calculations are as follows:

Conventional TIER equals 1) Net Margins, plus interest on all debt (including sale-leaseback debt reflected on the balance sheet, but excluding capitalized interest), plus amortization of all financing costs, plus taxes, divided by 2) interest on all debt (including sale-leaseback debt reflected on the balance sheet, but excluding capitalized interest) plus amortization of all financing costs.

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RUS TIER equals 1) Net Margins, plus interest on long-term debt (including sale-leaseback debt reflected on the balance sheet and amortization of Ambac bond insurance costs), divided by 2) interest on long-term debt (including sale-leaseback debt reflected on the balance sheet and amortization of insurance costs).

ii. Debt Service Coverage Ratio (DSCR)

Generally, the calculations differ in that DSCR in the Financial Model measures debt service coverage on a cash basis, while RUS DSCR combines both cash and accounting elements. Specifically, the calculations are as follows:

- DSCR in the financial model equals cash available for debt service (before capital expenditures, but after tax), divided by debt service payable in each year (including interest on sale-leaseback debt).
- DSCR calculated per RUS requirements equals Net Margins, plus depreciation and amortization, plus interest on long-term debt (including sale-leaseback debt reflected on the balance sheet), divided by 2) interest expense on long-term debt (including sale-leaseback debt reflected on the balance sheet) plus principal payable in each year.
- b. No. It is not Big Rivers' intention to suggest that the Commission adopt Conventional TIER for rate-making purposes.

The Conventional TIER is offered solely for reference purposes as to the criteria that may be applied by Big Rivers' creditors, rating agencies, and others in assessing the Unwind Transaction. It is intended to show the outcome in conventional terms of stipulating a revenue requirement from the members and the Smelters sufficient to achieve a "Contract TIER" equal to 1.24x.

- c. As discussed above, Big Rivers is not proposing the use of Conventional TIER for rate-making purposes.
- d. Annual releases from the Economic Reserve Account, taxes paid and Sale-Leaseback interest have been included in the determination of the DSCR shown in the Financial Model because they contribute to cash available to cover debt service.

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However, as with Conventional TIER, it is not Big Rivers' intention to suggest that the Commission adopt the DSCR calculation in the Financial Model for rate-making purposes. The calculation of DSCR in the Financial Model is offered solely for reference purposes as to the criteria that may be applied by Big Rivers' creditors, rating agencies, and others in assessing the Unwind Transaction. It is intended to show the outcome in conventional terms of stipulating a revenue requirement from the members and the Smelters sufficient to achieve a "Contract TIER" equal to 1.24x.

12 | Witness)

C. William Blackburn

2013 Coverage Examples

==			TIER				DSCR	
		Financial Mo	odel		RUS	Financial		RUS
					Method	Model		Method
		Contract Delta	Conven- tional	Delta			Delta	
1	Earnings	16.0	16.0	_	16.0	16.0	-	16.0
2	Plus: Depreciation and Amortization		-	-	-	46.5	-	46.5
3	Plus: Other Reconciliations to Cash Flow (a)		-	-	-	(3.5)	3.5	
4	Plus: Interest Expense and Related:							
5	Long-Term Debt							
6	RUS New Note + PCB (b)	34.9 +	34.9	-	34.9	34.8	0.1	34.9
7	ARVP	7.9	7.9	-	7.9	-	7.9	7.9 0.4
8	Amortization of Insurance Costs	0.4	0.4	/n.n	0.4	-	0.4	0.4
9	Amortization of Other Financing Costs	0.4	0.4	(0.4) 0.8	-	_		- 1
10	Capitalized Interest Line of Credit	(0.8) - 0.5 -	(0.8) 0.5	(0.5)	_	0.5	(0.5)	_
11	#	43.3	43.3	(0.1)	43.2	35.3	7.9	43.2
12	Total	43.3 - (1.8) 1.8	40.0	(0.1)	45.4	30.5	1,0	-10.2
13	Less: Interest on Sequestered Funds Plus: Income Tax	(1.6) 1.6 - 0.6	0.6	(0.6)	_	_	-	_
14		57.4 2.5	SS	(0.7)	59.2	94.2	11.4	105.6
15 40	Total Plus: Sale-Leaseback Interest	15.7 -	15.7	(0.1)	15.7	15.7	1117	15.7
16		73.1 2.5	75.5	(0.7)	74.8	109.9	11.4	121.3
17	Total	73.1 2.0	10.0	(0.1)	74.0	109.9	11.7	121.0
18 19	Divided by							1
20	Interest Expense, Financing Fees, and Restructuring	43.3	43.3	(0.1)	43.2	35.3	7.9	43.2
21	Plus Principal			,,,,,	-	23.1	_	23.1
22	Plus Sale-Leaseback Interest	15.7	15.7	-	15.7	15.7	-	15.7
23	Total	58.9	58.9	(0.1)	58.9	74.1	7.9	82.0
24	1000							
25	Coverage	1.24 0.04	1.28	(0.01)	1.27	1.48	(0.00)	1.48

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Refer to the Unwind Model, page 10 of 37. Explain why the Transition

The Days Cash on Hand analysis does include the Transition Reserve

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Reserve Account was not included as a line item in the "Days Cash on Hand" analysis.

Account. Please refer to the Unwind Model, page 8 of 37, lines 217 (General Funds) and

218 (Transition Reserve). The sum of lines 217 and 218 is the total reflected on page 9 of 37, line 268 (Ending Cash Balance). The yearly average cash balance (lines 267 and

 Item 14)

Response)

13 Witness)

C. William Blackburn

268) is used in the Days Cash on Hand analysis.

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE T

		CC	OMMISSION STAFF'S FIRST DATA REQUEST
1			PSC CASE NO. 2007-00455 February 14, 2008
2			Tebruary 14, 2000
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4	Item 15)	Refer	to the Unwind Model, page 11 of 37.
5			
6		a.	Does the Debt Service Detail reflected on this page accurately
7	reflect Big Ri	ivers' co	urrent expectations and financing plans?
8			
9		b.	If no to part (a) above, describe all changes to the information
0	presented on	page 11	of 37.
1			
2		c.	Provide a revised Unwind Model reflecting Big Rivers' current
13	expectations	and fina	ancing plans. All other variables, assumptions, and inputs as
14	reflected in the	ne origi	nally filed Unwind Model should remain the same. Provide a hard
15	copy printout	of the	revised Unwind Model as well as one in electronic format with all
16	formulae and	calcula	ations in tact.
17	Response)	a,	The total annual debt service and ultimate maturity dates
18	accurately re	flect Bi	g Rivers' current expectations and financing plans. The actual
19	instruments u	used to	achieve these results, and the details of those instruments, are
20	dependent or	n marke	t conditions and will be determined at or close to the time the
21	financing is	done.	
22		b.	Not applicable.
23			· · · · · · · · · · · · · · · · · · ·
24		c.	Not applicable.
25			•
26 27	Witness)	C. W	Tilliam Blackburn
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BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST PSC CASE NO. 2007-00455 February 14, 2008

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Item 16) Refer to the Unwind Model, page 16 of 37, lines 1 an	12.
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- a. Explain how Big Rivers determined that its Sales will exceed its Production in every year included in the Unwind Model.
- b. Provide a schedule of Big Rivers' annual Sales for calendar years 2000 through 2007.
- **Response**) a. Big Rivers' portfolio contains its production assets, as well as a contract with the Southeastern Power Administration for delivery to its Member Distribution Systems, and Big Rivers has access to the open market for energy needs during production outage periods. The sum of these three items all allow Big Rivers to supply its projected sales.
 - b. See attached Exhibit.

Witness) C. William Blackburn

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								_	
Big Rivers Annual Sales (MWh)	2000	2001	2002	2003	2004	2005	2006	2007	Total
Members	3,540,879.99	3,284,322.35	3,192,013.82	3,052,358.15	3,130,003.40	3,233,940.63	3,188,056.05	3,327,804.94	25,949,379.33
Other	598,474.00	979,045.00	859,990.00	750,099.00	505,540.00	581,153.00	575,840.00	602,808.32	5,452,949.32
Smelters	0.00	131,055.00	182,506.00	758,417.00	1,363,117.00	1,440,212.00	1,486,446.00	2,232,980.63	7,594,733.63
Total	4,139,353.99	4,394,422.35	4,234,509.82	4,560,874.15	4,998,660.40	5,255,305.63	5,250,342.05	6,163,593.89	38,997,062.28

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item 1/)	Refer to the	Unwing Model, pa	ge 18 of 3/, 1	ines 55 throug	gn /6.	Explain
the references	to Generally	Accepted Account	ing Principles	s ("GAAP") b	asis for	the RUS
New Note. Co	mpare and e	xplain the accounti	ng difference	s between the	GAAP	RUS
New Note and	the Stated R	US New Note.				

Response) Big Rivers emerged from bankruptcy reorganization on July 15, 1998, the Effective Date. In accordance with Statement of Position (SOP) 90-7, "Financial Reporting by Entities in Reorganization Under the Bankruptcy Code", Big Rivers was required to record its liabilities at "fair value" as of the Effective Date. In determining the fair value of the RUS New Note, at inception Big Rivers applied a discount rate commensurate with the appropriate market rate to the future debt service payments. Big Rivers determined the appropriate market rate interest for the RUS New Note at the Effective Date was 5.81%. This resulted in the fair value of the Note being recorded at \$1,016,280,000 versus the "real" or stated obligation of \$1,022,583,000. So, for GAAP purposes, the lower principal amount and higher interest rate is reflected, versus the higher "real", or stated, amount and lower interest rate. As reflected in the Unwind Model, at April 30, 2008, the "real" or stated amount is expected to be \$3.1 million more than the GAAP amount, including accrued interest (\$801.7 vs. \$798.6 million).

Witness) C. William Blackburn

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 Item 18) Refer to the Unwind Model, page 19 of 37. Provide a detailed explanation of the Assumptions listed on lines 111 through 125. Include in the explanation why the Assumption is reasonable, how the Assumption was determined or developed, and explain how the Assumption affects the Unwind Model.

Response) Big Rivers believes these assumptions are reasonable. The basis for each assumption is discussed below:

- (a) In Section 3.7 of the Transaction Termination Agreement, the parties agreed that 89% of the consideration being paid by LG&E in connection with the Unwind Transaction was attributable to the release and discharge of LG&E from its obligations under its power purchase agreement with Big Rivers (the "Release Consideration") and 11% was attributable to Big Rivers' assumption of LG&E's responsibility to supply electric energy and other services to Kenergy for resale to the Smelters (the "Assumption Consideration").
- Assumption Consideration as patronage eligible income. This patronage eligible income is then allocated between patronage and nonpatronage sources based on Big Rivers' historic break-out of power purchase costs between patronage and non-patronage during the years that the LG&E arrangements were in place and that occurred prior to the time that the model was initially prepared. Accordingly, the model treats 85% of the Release Consideration and 85% of the Assumption Consideration as patronage sourced, and treats 15% of the Release Consideration and 15% of the Assumption Consideration as non-patronage sourced. In this regard, lines 112, 116 and 120 should not have been included in the model, and the captions in cells B-114 and B-115 should have read "Release Consideration" and "Assumption Consideration", respectively.

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	(c)	The importance of determining the amount of the consideration
received from	n the Un	wind Transaction that is patronage sourced income and
nonpatronag	e source	l income is that Big Rivers will be able to claim a deduction for U.S
income tax p	ourposes	only for that portion of the consideration that constitutes patronage
sourced inco	me.	

(d) The assumptions on lines 111-125 affect the amount of federal income taxes that Big Rivers will need to pay subsequent to the Unwind Transaction.

Witness) Robert S. Mudge

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Refer to the Unwind Model, page 22 of 37, line 110. Explain in detail the Item 19) purpose of the Blended Depreciation Adjustment in 2011 through 2016. Include in the explanation how this amount was determined and why this adjustment would be necessary in these years.

As discussed in the testimony of Robert Mudge, any actual change in Big Response) Rivers' current depreciation rates will await an updated depreciation study. As a reference point, Big Rivers has looked to the results of an approved 1994 depreciation study performed for Big Rivers by Management Resources International on plant in service as of December 31, 1993 (the "1993 Study"). Additionally, however, Big Rivers has agreed with the Smelters that, through 2016, it will not affirmatively seek an increase in depreciation rates beyond depreciation rates agreed by the parties prior to finalization of the Financial Model (section 3.10 of the Coordination Agreement). Toward reflecting this agreement, the "Blended Depreciation Adjustment" on line 110 of page 22 of 37 represents the difference between depreciation rates that would correspond to the 1993 Study—approximately a 37-year basis and those agreed with the Smelters, resulting in depreciation on approximately a 47-year basis from 2011 to 2016. See also PSC Item 44(i).

Witness) C. William Blackburn

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Item 20) Refer to the Unwind Model, page 26 of 37. Explain the ACE Adjustment on line 40 and TMT on line 44. Include in the explanation the nature of the item and why it needs to be taken into consideration in the alternative minimum tax determination.

Response) Line 40 reflects an estimated adjusted current earnings ("ACE") calculation for the determination of Alternative Minimum Tax ("AMT") income per AMT regulations and Big Rivers' practice.

Tentative Minimum Tax ("TMT") on line 44 represents the alternative minimum tax modeled to be paid, based on a 20% AMT rate (shown on page 37 of 37, line 499) applied to Net Taxable Income for AMT purposes (shown on page 26 of 37, line 43).

Witness) Robert S. Mudge

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 Item 21) Refer to the Unwind Model, page 27 of 37. Explain in detail why book depreciation is at 60 years while tax depreciation is at 20 years.

Response) Big Rivers' GAAP/RUS book depreciation is based on a 1998 Comprehensive Depreciation Study completed by Burns and McDonnell Engineering Company on plant in service as of December 31, 1997. The study was approved by the RUS in 1998 and the Kentucky Public Service Commission in 1999. Through 2010, the 60 year life per the Unwind Model serves to approximate the depreciable life.

Big Rivers' regular tax depreciation is based on the Modified Accelerated Cost Recovery System (MACRS) Alternative Depreciation System (ADS) which incorporates several different asset lives depending upon the classification of the assets. For the Unwind Model, the MACRS Group Depreciation System (GDS) 20 year life was used, representing the Asset Class 49.13 – Electric Utility Steam Production Plant.

Witness) C. William Blackburn

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32 33 **Item 22)** Refer to the Unwind Model, pages 32 through 37 of 37. Concerning the sources of input information:

- Where the input source is another analysis or model, provide a. copies of the analysis or model. Copies should be hard copy printouts as well as electronic formats with all formulae and calculation in tact.
- Where the input source is a contract, schedule, or other document, provide copies of the item, if not already filed in this proceeding. In addition, for all contracts include a reference to the applicable section or page.
- On lines 117,118, 120, 132, 135, and 136 the reference is c. "Goldman". Provide documentation of the inputs provided by Goldman.
- d. Significant sections of the Unwind Model inputs have no source of information referenced. Provide the sources of information omitted from these pages and explain in detail why the source was not originally provided.
- Were sensitivity analyses performed for the following Unwind e. Model inputs? If yes, provide the results of the sensitivity analyses. If no, explain in detail why sensitivity analyses were not performed.
 - Sales to Rural and Large Industrial customers. (1)
 - (2)Off-system sales.
 - Market prices for off-system sales. (3)

a. and b. A copy of the December 15, 2007 production cost model is Response) attached here to as both a hard copy and in electronic format (See CD 2 of 2). Other input sources are listed on the attached chart and provided on a CD (See CD 1 of 2).

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Goldman Sachs ("Goldman") has provided periodic advice to Big c. Rivers on estimated costs of financing in the capital markets, including both written and verbal guidance.

Based on the assumption of Big Rivers' receiving an investment grade rating upon financial closing, Goldman provided indicative interest cost data for Big Rivers in written form in April 2007, which is attached to this response. Assumptions very close to this cost data were adopted in May 2007 and underlie the assumptions on lines 117 and 118. The data on lines 135 and 136, pertaining to bond insurance and underwriting costs, were provided verbally.

(Note that lines 120 and 132 pertain to potential issuances of variable rate debt in the capital markets, which are not part of Big Rivers' filed financial model.)

Unwind Model has been revised to indicate sources of d. information on a more comprehensive basis.

The initial version of the filed Financial Model focused primarily on inputs such as the Production Cost Model that reflected major departures from data previously supplied to the Commission, both in the current filing and otherwise.

(1) Big Rivers' sales to rural customers were taken from its e. most recent load forecast. The rural customers are growing at approximately 1.7 percent. Big Rivers' sales to large industrial customers was also taken from its most recent load forecast with one exception. Big Rivers added 5 MW of new industrial load each year to reflect the potential for economical development.

Big Rivers did not run sensitivity analyses around its native load requirements. Its projected load growth is moderate and Big Rivers non-smelter blended rate is below

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the financial model as information became available or was updated, including using combinations of market prices and off-system sales as variables. After the Financial Model was filed, Big Rivers asked ACES Power Marketing ("APM") to provide a statistical analysis showing the probability that the market price of power would be lower than Big Rivers' effective blended rate to the Smelters. Big Rivers does not known whether the Commission would consider this sensitivity analysis. However, [REDACTED PURSUANT TO PETITION FOR CONFIDENTIAL TREATMENT].

market. If the projected load growth does not develop, Big Rivers will be able to take the

Big Rivers analyzed multiple series of refinement runs of

Since the Smelter rate is higher than Big Rivers' non-smelter effective blended rate to the non-smelter native load customers, Big Rivers was reassured any surplus energy could be sold in the market at a price higher than the Smelter rate.

C. William Blackburn

surplus to the market and increase its margins.

(2) and (3)

Item 22 Page 3 of 3 ATTACHMENT PSC 22.a and b.

Production Cost Model

	,
	Tab Description
Tab	Description
Portfolio Report	Overall Summary of production, emissions, contract purchases/sales and market interaction
Production Report	Operational summary of generating resources
Fuel Report	Summary of fuel statistics by generating resource
Emissions Report	Summary of emissions statistics by generating resource
Outage Report	Summary of planned and forced outage statistics by generating resource
Resource Report-Full	Unit specific operating details
Portfolio Data	Henwood Output - Sources and Uses
Resource Data	Henwood Output - Generating Unit Output Data
Prices	Henwood Output - Market Prices
EXPORTS	henwood Output - BREC Market Power Sales
IMPORTS	Henwood Output - BREC Market Power Purchases

Tab Color	Description
	Output Reports for BREC
	Intermediate Calcs
	Raw Henwood Model Outputs

Portfolio Report annual output - 12-15-07.xis.xis

		В	С	D	<u>Ε</u>	f	G.	H	1	
	esource Costs	2006	2007	2008 \$ 61,402		2010 \$ 58,455		\$ 65,203	2013 \$ 65,790	2614 \$ 74,156
	BWilson MPLI			\$ 61,402 \$ 24,464	\$ 50,832 \$ 23,336	\$ 58,455 \$ 27,254	\$ 24,334	\$ 28,189	\$ 26,992	\$ 28,954
4	MPL2			\$ 23,253	\$ 26,417	\$ 26,888	\$ 29,059		\$ 29,795	\$ 28,431
	oleman 1		i	\$ 20,949		\$ 25,681 \$ 24,323	\$ 24,804 \$ 25,155	\$ 26,423 \$ 24,730		\$ 25,887 \$ 24,537
	oleman 2 oleman 3			\$ 24,651 \$ 25,303		\$ 24,323 \$ 26,365	\$ 26,764	\$ 22,551	\$ 27,465	\$ 27,445
	eld ST			\$ 3,056		\$ 390	\$ 7,947	\$ -	\$ 2,300	\$ 2,478
9 R	eid GT			\$ 196	\$ 329	\$ 363	\$ 552	\$ 717	\$ 644	\$ 758
	reen 1			\$ 29,677		\$ 40,656 \$ 42,519	\$ 44,831 \$ 36,585	\$ 43,276 \$ 43,289	\$ 44,488 \$ 42,340	\$ 40,591 \$ 45,604
11 C	reen 2		į	\$ 29,458	1 3 31/019	3 42,319	30,303	3 73,203	3 42,340	
13	properties and applied to the second section of the section of				1					
	EPA			\$ 6,815		\$ 6,847	\$ 6,849	\$ 8,585	\$ 7,735	\$ 7,938
	otal Op Costs		ļ	\$ 249,224	\$ 253,096	\$ 279,741	\$ 281,415	\$ 288,307	\$ 298,329	\$ 306,779
16 17	missions Costs		 		 	-	+	-		
	O2 Price		1	\$ 778	\$ 853	\$ 441	\$ 409	\$ 396	\$ 374	\$ 393
19 9	O2(ktons) - emitted			23.13					19.581	
	O2(ktons) - REQUIRED for compliance			23,13			\$ 15,410	\$ 16,286	39.161 \$ 14,631	
	iO2 cost(\$000) iO2 Allowances	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$ 17,997 52.487		52,487	52,487	52.487	52.487	52.487
	OZ Allowance Credits			\$ (40,835					\$ (19,609)	\$ (20,647)
24	HMPL SO2(ktons) - emitted			4.17					4.281	
	MPL SO2(ktons) - REQUIRED for compliance	<u> </u>	 	4,17 11.69					8.562 11.694	
	MPL Allowances Excess HMPL Allowances Back to City (30% of net)			2.256				1.071	0,940	0.941
	Allowance \$ to City		1	\$ 1,75				\$ 424	\$ 351	
29							_			
30	inde a milet from a spring spring from the first themse absence the first information of the Colombia.			\$ 763	\$ 2,847	\$ 2,409	\$ 2,155	\$ 1,985	\$ 1,900	\$ 1,909
32	VOx Price VOx(ktons)		· 	5.04						13.275
33	VOx Emissions Alloc to City (ktons)			0.10	7 0.28	6 0.28	6 0.287	0.301	0.302	0.301
34	Net NOx Emissions			4.93						
	NOx cost(\$000) NOx Allowances	ļ	+	\$ 3,764 4.79					\$ 24,817 11.398	
	NOX Allowances NOX Allowances Alloc to City (ktons)		A Corn Person 4	0.14			6 0.32			
	Net NOx Allowances			4.65	11.072	11.072	11.071	11.057	11.056	
	NOx Allowance Credits			\$ (3,54	9) \$ (31,528) \$ (26,670	\$ (23,857	\$ (21,949)	\$ (21,005) \$ (21,109)
40	Net Emissions Costs			\$ /20.86/) \$ (18,516) \$ 2,044	\$ (662	\$ (415)	\$ (815) \$ (410)
42	THE ETHISTORY COLD			1 120,00	7 4 (39/22	4		1.3	T	
	Market Purchases						1			
	Purchased GWN		1	25					544	
	Price per MWh	<u> </u>		\$ 44.8 \$ 11,48				\$ 48.73 \$ 18,569	\$ 43.89 \$ 23,857	
40	Purchases - \$	·		12,40	3 13/30.	1	25,000	1	3 20,000	1 17,507
	Smelter Sales					4				
	Smelter GWh			(7,31						
	Price per MWh Smelter Revs			\$ 27.0	5 \$ 27.05 7) \$ (197,386	\$ 27,0 (197,386)				
51 52	SHEREI REVS		<u> </u>	-8- VIII	7 4 337759	7 - 325,1300	4	4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 - 1 - 1 - 1 - 1
	Henderson Sales									
	Henderson GWh - at Gen Bus			(63						
	Price per MWh			\$ 20.3 \$ (12,91		3 \$ 22.7 1) \$ (14,39)	7 \$ 23.28 5) \$ (14,723			
	Contract Revs Payments to HMPL (@ \$1.50/MWh)				2 \$ 31	\$ 31	(\$ 311	\$ 331		
58	and the state of t									
	Contract Sales			<u> </u>						
	Contract GWh						<u> </u>		\$	<u> </u>
	Price per MWh Contract Revs			\$.	\$ -	\$ -	 -	\$ -	\$	\$
63	A TOTAL CONTRACTOR OF THE PROPERTY OF THE PROP	<u> </u>		1		7		1		
64	Market Sales								<u> </u>	
	Market GWh		_	(1,6)			3) (1,319 2 \$ 47.83			
	Price per MWh Market Revs	_	-	\$ 45.0 \$ (72,63						
68	· · · · · · · · · · · · · · · · · · ·	1			X: -/V-	1	1			
69										
	Total System Costs	1	4	\$ (43,32			0 \$ 6,170 4 3,67			3 \$ 29,645 2 3,939
71	Native Load Native Load Cost per MWh	-		3,40						
73	THE CODE COSE POR 11111	1								
74	Gross System Costs			\$ 239,84						
	Gross Source GWh			13,0						
76	Average System per MWh			10.3	19.19	26.09	43.37	23,7/2	27.490	٨٦.٥٥١
78		1								
79	Company of the Compan									
	Sources and Uses of Energy				er ben not men to be habite elle mele				+	
	Sources System Gen			12,5	1 12,43	1 12,72	6 12,25	12,373	12,30	12,537
	SEPA			31)4 30	3 30	5 30	303	26	5 267
84	Market Purchases			2	6 28	6 19	3 46	381	54	
	Total Sources			13,07	0 13,02	13,22	4 13,02	13,057	13,118	13,178
86	Uses									
	Native Load			3,4	3,50	3,58	3,57	9 3,760	3,85	2 3,939
89										
90		4		7,3						
	Henderson Load			6	28 62	7 62	62	7 660	66	0 660
	Sales Load Mkt Sales			1,6	14 1,49	3 1,61	3 1,31	9 1,21	1,19	9 1,171
	Losses		1	1	02 10)2 10	10	4 109	11	0 117
	Total Uses			13,07	0 13,02	0 13,22	4 13,02	13,057	13,11	13,178

Portfolio Report annual output - 12-15-07.xls.xls

	Α		<i>-</i> 1		· 		м		N I		0		ρ.		Q	Ŕ	s	-1
1	Resource Costs		2015		2016		2017		2018		2019		2020		2021	2022	20:	25
2	DBWilson	\$.	72,453		78,026		68,886	\$	79,508	\$	77,128	Ş.	82,026	\$	79,254	\$ 84,180	\$ 81,06	
3	HMPL1	\$	A	\$ \$		\$	28,377	.)	31,366 29,867	\$	28,051 32,273	<u>\$</u>	29,663 28,747		31,019	\$ 33,483 \$ 32,846	\$ 31,03 \$ 34,18	
5	Coleman 1	\$	27,675	\$		\$	24,208	\$	28,209	\$	28,990	\$	27,899	\$	29,749	\$ 30,210	\$ 28,51	18
6	Coleman 2	\$	26,907	<u>\$</u>		\$		5	28,542		26,198	\$	28,508	\$	29,239	\$ 27,606	\$ 30,34	
7 8	Coleman 3 Reid ST	- \$	25,379 1,213	<u>\$</u>		\$	28,518 7,098	\$	27,112 1,437		28,442	¥	29,651 2,131	\$	26,177 2,315	\$ 30,932	\$ 31,15	
9	Red GT	\$	697	\$		\$	993	\$	788		748	\$	824	\$	835	\$ 897	\$ 93	32
	Green 1	\$		\$		ş	49,730	\$	46,320	\$	51,067	\$	49,408	\$	52,864	\$ 44,737	\$ 54,34	
11.	Green 2	.\$	42,116	\$	46,865	.\$	44,381	<u>\$</u> _	46,716	\$	42,919	\$	48,711	<u>\$</u>	48,773	\$ 51,596	\$ 50,43	36
13	**************************************															········	~	
14		\$		\$		\$	7,971	\$	8,117	\$	8,321	\$	8,293	\$	8,373	\$ 8,395	\$ 8,57	
15	Total Op Costs	\$ 31	2,148	\$ 3	21,256	\$	320,006	\$_	327,982	\$	324,137		335,860	\$.	42,464	\$ 344,8B2	\$ 350,57	8
16	Emissions Costs	-						_								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~	-
	SO2 Price	\$	317	\$	265	\$	216	\$	125	\$	51	\$	48	\$	47	\$ 39		37
	5O2(ktons) - emitted		20.336		20.806		19.359		20.823		19,986		20.516		20.501	20.755	20.3	
20 21	SO2(ktons) - REQUIRED for compliance SO2 cost(\$000)	-	58.161 18,442	4	59.504 15,796	\$	55.367 11,973	4	59.552 7,434	₹	57.161 2,922	-	58.675 2,807	*	58.631 2,757	59,358 \$ 2,310	\$ 2,17	
22	SQ2 Allowances	-¥	52.487	*	52.487	···	52.487	7	52,487	- 	52.487	. ¥	52.487	1	52.487	52.487	52.4	
23	SO2 Allowance Credits	\$		\$	(13,933)	\$	(11,350)	\$		\$	(2,683)	\$	(2,511)	\$	(2,468)	\$ (2,042)		
24			4.262 12.189		4.238		4.228 12.093		4,248 12,148		4.065 11.627		3.867 11.060		4.315 12.342	4.317 12.347	4.1	195
25 26	HMPL SO2(ktons) - REQUIRED for compliance HMPL Allowances	·	11.694		11.694		11,694		11.694		11.627		11.694		11.694	11.694	11.5	
27	Excess HMPL Allowances Back to City (30% of net)					on been					0.020		0.190					
28		\$		<u>\$</u>		\$		\$		\$	1	\$	9	\$		<u> </u>	\$ -	
29 30	and a supply to a summer through an in the same time. The same time is a sum of the same different of specific	A1 . 75.		e a semantina a qu		rin - Indiana										YAN mandamakan ke-A	*	
31		\$	1,869	\$	1,748	\$	1,625	\$	1,569	\$	1,510	\$	1,521	\$	1,523	\$ 1,525	\$ 1,5	
32	NOx(ktons)	ļ., ,	13.416		13.290		13.315	L	13.361		13.114	Ļ	13.466	ļ.,	13.489	13.237 0.301	13.	
33 34	NOx Emissions Alloc to City (ktons) Net NOx Emissions		0.301 13.115	· · · · · · · ·	0.301 12.988		0.301 13.014		0.301 13.060		0.301 12.813	~- ^r-	13.164		13.188	12.936	13.	301 288
35	NOx cost(\$000)	\$	24,518	\$	22,708	\$	21,154	\$	20,485	\$	19,352	\$	20,017	\$	20,087	\$ 19,732	\$ 20,2	97
36		ļ	9.285	er merica	9.285	ļ	8.832		8,638		8,494		8.289	ļ	8.054	7.832 0.341		7.76
	NOx Allowances Alloc to City (ktons) Net NOx Allowances	 	0.341 8.944		0.341 8.944	L	0.341 8.491	<u> </u>	0.341 8.297	A	0.341 8.153	·	0.341 7.948	-	0.341 7.713	7,491	7.4	341
	NOx Allowance Credits	\$	(16,721)	\$	(15,637)	5	(13,802)	\$	(13,014)	\$	(12,313)	\$	(12,085)	\$	(11,748)	\$ (11,427)		
40																		
41	Net Emissions Costs	\$	9,596	\$	8,934	\$	7,974	\$	8,353	\$	7,279	5	8,237	\$	8,628	\$ 8,573	\$ 9,17	/3
43	Market Purchases	 				-		-		-		_		1			 	
	Purchased GWh		424		419		718		471		662		530		553	624		12
45		\$	48.93	<u>\$</u>	48.57	\$	49.27	Į.	46,27	\$	48.71	\$	52.10	\$	59.38	\$ 55.96	\$ 59.	
147	Purchases - \$		20,727	\$	20,330	\$	35,360	1	21,813	-£_	32,248	\$	27,610	\$	32,822	\$ 34,943	\$ 42,4	210
48		İ	Í							Ĺ						,	<u> </u>	
49			(7,297)		(7,317)		(7,297)		(7,297)		(7,297)		(7,317)		(7,297)	(7,297)	(7,2	
50		\$ (30.25 220,737)	\$	33.00 (241,463)	\$	33,00 (240,804)	5	33.00 (240,804)	5	33.00 (240,804)	\$	33.00 (241,463)	\$	36.50 (266,343)	\$ 36.50 \$ (266,343)	\$ 36.	
51 52			550,1311	3	(241,403)	-	(210,001)	1.	(240,004)	•	(210,001)	7	(274,700)	1-2-	(200,545)	\$ \200,545,	1 1200/2	143)
	Henderson Sales																	_
54			(666)		(566)	_	(666)	-	(666)	ļ_	(666)	Ļ	(666)		(666)	(666)		566)
55	Price per MWh Contract Revs	\$	24.61 (16,384)	\$	25.11 (16,715)	\$	25.43 (16,929)		25.77 (17,157)	\$	26.53 (17,661)	5	27.00 (17,973)		26.88 (17,895)	\$ 27.47 \$ (18,288)		.80 503)
57		\$	327	\$	331	\$	327		327	\$	327		331		327	\$ 327		327
58						Ļ								_				
59		╄				 		┼-		-				╫			ļ	
60		\$		\$	-	\$	-	\$	-	\$	-	\$		15	*	\$ -	\$	-
62	Contract Revs	\$		\$		\$	*	5	*	3		1	-	\$		\$ -	\$	-
63		 				-		—		-		-		╄-			 	
65	Market Sales Market GWh	╁	(1,117)	_	(1,082)	-	(915)	1	(986)	1	(695)	-	(717	-	(748)	(685)	- 0	7001
66	Price per MWh	\$	51,13		50.09		51.19		52.10		54.81		54.95	\$	53.44	\$ 57.09		.30
67	Market Revs	\$	(57,108)	\$	(54,212)	\$	(46,844)	\$	(51,383)	\$	(38,120)	1.5	(39,423)	\$	(39,989)	\$ (39,085	\$ {39,3	397)
68 69						-		-		-		-		+		 	+	
70	Total System Costs	\$	48,569	\$	38,460	\$	59,090	5	49,132	\$	67,407	15	73,180	\$	60,015	\$ 65,000		282
71	Native Load		4,032	ļ	4,122	[_	4,217	_	4,308	Į.,	4,404	F.	4,498	Ţ	4,596	4,691	4,7	786
72	Native Load Cost per MWh		12.05	٠	9.33		14.01	ᡏ.	11.41	┼	15.30		16.27	+-	13.05	13.86	1 16	5
	Gross System Costs	\$	342,471	\$	350,520	š	363,340	5	358,148	\$	363,663	\$	371,708	5	383,915	\$ 388,397		
75	Gross Source GWh	1	13,217		13,296	Ĺ	13,203	Ė	13,367		13,173	Ţ^_	13,312	Ι	13,420	13,452	13,5	562
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Average System per MWh		25.912		26.363	ļ	27.519	ļ	26.792	ļ	27.607	ļ	27,924	4	28,608	28.873	29.6	656
78		+		-		+-		+		-		+-		-		 		
79	The same of the sa					1						ţ				1		
80						<u> </u>				Į		ļ.,		ļ			<u> </u>	
82	Sources System Gen		12,526		12,611	 	12,218	-	12,630	-	12,244	+-	12,516	1	12,599	12,559	177	582
	SEPA		267		267	1.	268	1-	266	1	266	1	265	1.	268	269	7	268
84	Market Purchases	_	424	.,	419	ļ	718	Ţ.	471	Ţ	662	Ţ	530	L	553	624		712
85	Total Sources	4	13,217		13,296	·	13,203	-	13,367	+	13,173	 	13,312	ļ.,	13,420	13,452	13,5	62
	Uses	1				1	···· :	-	and the second second second second second	-		1-		1			1.	
88	Native Load	1	4,032		4,122	1	4,217	I	4,308		4,404	1	4,498	I	4,596	4,691	4,	786
89				 		+-	7 307	Ļ	7707	4-	7 56%	1	73,4	1	7 205	7 3/3	ļ	707
9	Smelter Load Henderson Load		7,297 660	ļ	7,317 660	-	7,297 660	-	7,297 660	-	7,297 660	1-	7,317 660		7,297 660	7,297 660		297 660
	Sales Load		*			İ	-	<u>†</u> -	-	1	-	1	-	7	-	-	1	-
1 94		1	1,117		1,082	L	915	T	986		695	T	717		748	685		700
93	Mkt Sales																	119
9:	Mixt Sales Losses Total Uses		111 13,217		115 13,296		114 13,203		117 13,367		116 13,173		119 13,312		118 13,420	120 13,452		

Production Report annual output - 12-15-07.xls.xls

ntityName				2008		2009		2010		2011		2012		2013		201
B Wilson 1	Max Capacity(MW)		*****	420		417		417		417		417	***********	417		417
D 44113011 =	Min Capacity(MW)			200		325		325		325		325	·	325		325
	Generation(GWh)			3,078		967		3,331		3,109		3,297		2,949		3,310
				83.62%		.22%		91.18%		5.12%		90.01%	~	80.74%		90.619
	Annual Cap. Fac.										.,		•	31,803		35,70
	Fuel used(GBtu)			34,196		2,943		37,077		4,632		36,191				
	Coal(Tons)			86,778		2,318	1,	612,054		5,741	1,	573,503	1.	382,755	1,	552,45
	Heat Rate			11.111		1.104		11.132		1.139		10.977		10.783		10.78
	Fuel cost(\$000)		\$	53,346	\$ 41	1,377	\$	47,682	\$ 4	4,606	\$	54,906	\$	56,292	.\$	63,55
	Fuel Cost per MMBTu		\$	1.560		1.256	\$	1.285	\$	1.288	\$	1.517	\$	1.770	\$	1.78
	VOM cost(\$000)		\$	5,851		7,328	-	8,460		8,146	\$	8,623	\$	7,669	\$	8,83
				1.901		2.470	 _	2,540		2.620	\$	2.616	<u>_</u>	2.600	\$	2.67
	VOM per MWh		\$		\$ 2		J		<u> </u>		<u>.</u>		_L		-3	1
	Num starts(.)			11		10		11		10		10		9		
maken in color the age, the world	Start Fuel used(GBtu)			69		66		72		55	m\m	52		56		5
	Start cost(\$000)		\$	2,206	\$	2,127	\$	2,313	\$	1,783	\$	1,675	\$	1,829	\$	1,76
										- I						
	Total Operating Cost (\$000)		\$	61,402	\$ 50	0.832	\$	58,455	\$ 5	4,535	\$	65,203	\$	65,790	\$	74,15
ebermann (Sametria	Op Cost per MWh		\$	19.95		17.13	\$	17.55	\$	17.54	\$	19.78	\$	22.31	\$	22.4
	op cost par titte		<u> </u>							1						
											- 14-49-					
						- 3333		30.00		303		2022		2012	-	20
intityName				2008		2009		2010		2011		2012		2013	L	20
HMPL 1	Max Capacity(MW)			153		153	L	152		152		152		152		15
	Min Capacity(MW)			110	.,	140		140		140		140	"	140	l	14
	Generation(GWh)			1,210	w a con rin rure	1,123		1,203		1,038		1,214		1,142	1	1,21
en de membere consuler en estado	Annual Cap. Fac.		,	90.17%		3.92%	*****	90.26%		77.83%	****	90.79%	~~~	85.66%		90.95
				13,055		2,154		13,029		11,237	h	13,145		12,366	T	13,13
	Fuel used(GBtu)		;							88,558		571,542		537,640	Ì	571,07
	Coal(Tons)			567,623		8,416		566,467			<u> </u>				 -	
	Heat Rate			10,794		0.826	<u></u>	10.826	f	10.829	<u></u>	10.830	١.,	10.827		10.8
	Fuel cost(\$000)		\$	20,627		9,203	ĮŁ.	22,605			\$	22,899	\$	21,764	1.5	23,24
	Fuel Cost per MMBTu		\$	1.580	\$	1.580	\$	1.735	\$	1.738	\$	1.742	\$	1.760	\$	1.77
	VOM cost(\$000)		\$	2,921		3,233	\$	3,695	\$	3,570	\$	4,527	\$	4,386	\$	4,77
	VOM per MWh		\$	2.415		2.880	\$	3.070	Š	3,440	\$	3.730	\$	3.840	\$	3.94
	Num Starts(.)			15	7	15	1	16	-3	21	·*-	13	1	14	 -	
			******	29		28		30		38		24	-	26	†	2
	Start Fuel used(GBtu)									1,235		763	\$	842	\$	92
	Start cost(\$000)		\$	916	\$	900	\$	954	\$	1,235	\$	/02	3	012	13	94
							<u> </u>		ļ				ļ	~	<u> </u>	
	Total Operating Cost (\$000)		\$	24,454		3,336	\$	27,254	\$	24,334	\$	28,189	\$	26,992	\$	28,9
	Op Cost per MWh		\$	20.23	\$	20.79	\$	22.65	\$	23.45	\$	23.22	\$	23.63	\$	23.8
							1				_		_		T	
				····			 				<u> </u>		_		1-	
EntityName				2008	i -	2009	i	2010	 	2011	İ۳	2012	1	2013		20
	14 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				<u> </u>		٠.		ļ	158	ļ-	158	ļ	158	-	1!
HMPL Z	Max Capacity(MW)			159		158	ļ	158	┼		Į	140	}	140	┼-	14
Santana atta agree t	Min Capacity(MW)			.110		140	٠	140		140	ļ					
	Generation(GWh)		<u></u> .	1,133		1,266	l	1,175	<u> </u>	1,256	L	1,058	.]	1,252	↓_	1,1
	Annual Cap. Fac.			81.24%	j 9	1.43%	<u> </u>	84.77%		90.60%	L.,	76.10%	<u>l</u>	90.38%	<u>1</u> _	85.18
a transfer of the second	Fuel used(GBtu)			12,239	1 4	13,717	1	12,733		13,612	1	44 466			1	12,7
					1 4				ŧ	12/012	1	11,466	1	13,578		
		· m. 4 · V m · . , ,	ļ				1	553.629					┼	13,578 590,358	7	556,3
	Coal(Tons)	-100 at 1000° apra apra at 100° a		532,145	59	96,388		553,629 10,839	5	91,814		498,514	-	590,358	-	
	Coaf(Tons) Heat Rate			532,145 10.807	59 1	96,388 10.839		10.839	5	91,814 10.841		498,514 10.842	·	590,358 10.841		10.8
and the second s	Coaf(Tons) Heat Rate Fuel cost(\$000)		\$	532,145 10,807 19,338	59 \$ 7	96,388 10.839 21,673	\$	10.839 22,093	5	91,814 10.841 23,657	\$	498,514 10,842 19,973	\$	590,358 10.841 23,898	\$	10.8 22,6
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu		\$	532,145 10,807 19,338 1,580	\$ 7 \$ 7	96,388 10.839 21,673 1.580	\$	10.839 22,093 1.735	5	91,814 10.841 23,657 1.738	\$	498,514 10.842 19,973 1.742	\$	590,358 10.841 23,898 1.760	\$	10.8 22,6 1.7
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)		\$	532,145 10,807 19,338 1,580 2,754	\$ 2 \$ 2 \$	96,388 10.839 21,673 1.580 3,645	\$ \$	10.839 22,093 1.735 3,607	5	91,814 10.841 23,657 1.738 4,319	\$ \$	498,514 10,842 19,973 1,742 3,945	\$	590,358 10.841 23,898 1.760 4,809	\$	10.8 22,6 1.7 4,6
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh		\$	532,145 10,807 19,338 1,580 2,754 Z,431	\$ 7 \$ 7	96,388 10.839 21,673 1.580 3,645 2.880	**	10.839 22,093 1.735 3,607 3.070	5	91,814 10.841 23,657 1.738 4,319 3.440	\$ \$ \$	498,514 10,842 19,973 1,742 3,945 3,730		590,358 10.841 23,898 1.760 4,809 3.840	\$	10.8 22,6 1.7 4,6 3.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)		\$	532,145 10,807 19,338 1,580 2,754	\$ 2 \$ 2 \$	96,388 10.839 21,673 1.580 3,645	\$ \$ \$	10.839 22,093 1.735 3,607 3.070 18	5	91,814 10.841 23,657 1.738 4,319 3.440 17		498,514 10,842 19,973 1,742 3,945 3,730 23	\$	590,358 10,841 23,898 1,760 4,809 3,840	\$	10.8 22,6 1.7 4,6 3.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)		\$	532,145 10,807 19,338 1,580 2,754 Z,431	\$ 2 \$ 2 \$	96,388 10.839 21,673 1.580 3,645 2.880	\$ \$ 4.4	10.839 22,093 1.735 3,607 3.070	5	91,814 10.841 23,657 1.738 4,319 3.440		498,514 10,842 19,973 1,742 3,945 3,730 23 44	\$	590,358 10,841 23,898 1,760 4,809 3,840 17	\$	10.8 22,6 1.7 4,6 3.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)		\$	532,145 10,807 19,338 1,580 2,754 2,431 19 36	\$ 2 \$ 2 \$	96,388 10.839 21,673 1.580 3,645 2.880 17	\$ \$ \$	10.839 22,093 1.735 3,607 3.070 18 37	5	91,814 10.841 23,657 1.738 4,319 3.440 17	\$	498,514 10,842 19,973 1,742 3,945 3,730 23	\$	590,358 10,841 23,898 1,760 4,809 3,840	\$	10.8 22,6 1.7 4,6 3.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)		\$ \$ \$	532,145 10.807 19,338 1.580 2,754 2.431 19	\$ 2 \$ \$ \$	96,388 10.839 21,673 1.580 3,645 2.880 17 34	\$	10.839 22,093 1.735 3,607 3.070 18 37	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 44	\$	590,358 10,841 23,898 1,760 4,809 3,840 17	\$ \$	10.8 22,6 1.7 4,6 3.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)		\$ \$	532,145 10.807 19,338 1.580 2,754 2.431 19 36 1,161	\$ 7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96,388 10.839 21,673 1.580 3,645 2.880 17 34 1,100	\$	10.839 22,093 1.735 3,607 3.070 18 37 1,189	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425	\$	590,358 10.841 23,898 1.760 4,809 3.840 17 34 1,088	\$ \$	10.8 22,6 1.7 4,6 3.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWN Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161	\$ 7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96 388 10 839 21,673 1 580 3,645 2,880 17 34 1,100	\$	10.839 22,093 1.735 3,607 3.070 18 37 1,189	\$ \$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425	\$	590,358 10,841 23,898 1,760 4,809 3,840 17 34 1,088	\$ \$ \$	10.8 22,6 1.7 4,6 3.9 1,1
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)		\$ \$	532,145 10.807 19,338 1.580 2,754 2.431 19 36 1,161	\$ 7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96,388 10.839 21,673 1.580 3,645 2.880 17 34 1,100	\$	10.839 22,093 1.735 3,607 3.070 18 37 1,189	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425	\$	590,358 10.841 23,898 1.760 4,809 3.840 17 34 1,088	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWN Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161	\$ 7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96 388 10 839 21,673 1 580 3,645 2,880 17 34 1,100	\$	10.839 22,093 1.735 3,607 3.070 18 37 1,189	\$ \$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425	\$	590,358 10,841 23,898 1,760 4,809 3,840 17 34 1,088	\$ \$ \$	556,3 10.8 22,6 1.7 4,6 3.9 1,1 28,4 24.
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWN Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96,388 10,839 21,673 1,580 3,645 2,680 17 34 1,100 26,417 20,87	\$ \$	10.839 22,093 1.735 3.607 3.070 18 37 1,189 26,888 22,89	\$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082 29,059 23.14	\$ \$	498,514 10.842 19,973 1,742 3,945 3,730 23 44 1,425 25,343 23,96	\$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24.
EntityName	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWN Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96 388 10 839 21,673 1 580 3,645 2,880 17 34 1,100	\$ \$	10.839 22,093 1.735 3,607 3.070 18 37 1,189	\$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082	\$ \$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425	\$ \$	590,358 10,841 23,898 1,760 4,809 3,840 17 34 1,088	\$ \$	10.8 22,6 1.7 4,6 3.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh		\$ \$	532,145 10.807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20.53	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96,388 10,839 21,673 1,580 3,645 2,880 17 34 1,100 26,417 20,87	\$ \$	10.839 22.093 1.735 3.607 3.070 18 37 1,189 26,888 22.89	\$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082 29,059 23,14	\$ \$	498,514 10.842 19,973 1,742 3,945 3,730 23 4 1,425 25,343 23,96	\$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79	\$ \$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24.
EntityName Coleman 1	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWn Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20.53	\$ \$ \$ \$ \$ \$	96,388 10,839 21,673 1,580 3,645 2,880 17 34 1,100 26,417 20,87	\$ \$	10.839 22,093 1,735 3,607 3,070 18 37 1,189 26,888 22,89	\$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082 29,059 23.14	\$ \$	498,514 10,842 19,973 1,742 3,995 3,730 23 44 1,425 25,343 23,96	\$ \$	590,358 10,841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24.
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2008 150 70	\$ \$ \$ \$ \$ \$ \$	96,388 10,839 21,673 1,580 3,645 2,880 17 34 1,100 26,417 20,87 2005 149 70	\$ \$	10.839 22,093 1.735 3,607 3.070 18 37 1,189 26,888 22,89 2010 149 70	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082 29,059 23.14 2011 149 70	\$ \$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425 25,343 23,96 201, 149 70	\$ \$	590,358 10,841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 201: 149 70	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24.
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu YOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2008 150 1,025	\$ \$ \$ \$ \$ \$ \$	96,388 0.839 21,673 1.580 3,645 2.880 17 34 1,100 26,417 20.87 20.87	\$	10.839 22,093 1,735 3,607 3,070 18 37 1,189 26,888 22,89 2010 1499 70 1,179	\$ \$ \$	91,814 10.841 23,657 1,738 4,319 3,440 17 34 1,082 29,059 23,14 2011 149 70 1,125	\$	498,514 10,842 19,973 1,7742 3,945 3,730 23 44 1,425 25,343 23,96 2011 149 70 1,186	\$ \$	590,358 10.841 23,898 1,760 4,809 3.840 17 34 1,088 29,795 23,79 201 149 70 1,171	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24.
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac.		\$ \$	502,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 2006 150 70 1,025 77,77%	\$ \$ \$ \$ \$	96,388 10,839 21,673 1,580 3,645 2,680 1,100 26,417 20,87 20,87 20,87 20,90 1,180 90,42%	\$ \$	10.839 22,093 1,735 3,607 18 3,7 1,189 26,888 22,89 2010 149 70 1,179 90,30%	\$ \$ \$ \$	91,814 10.841 23,657 1,738 4,319 3,440 1,082 29,059 23,14 2011 149 70 1,125 86,22%	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 4,425 25,343 23,96 201 149 70 1,186 90,65%	\$ \$	590,358 10,841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 201. 149 70 1,171 89,73%	\$ \$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24.
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19, 36 1,161 23,253 20,53 2006 150 70 1,025 77,77% 10,988	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	96,388 10,839 21,673 1,580 3,645 2,880 1,100 26,417 20,87 2005 149 70 1,180 90,42% 12,730	\$ \$	10.839 22,093 1.735 3.607 3.070 18 37 1.189 26,888 22.89 2010 149 70 1,179 90.30% 12,713	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1,082 29,059 23.14 2011 149 70 1,125 86,22% 12,145	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425 25,343 23,96 201 149 70 1,186 90,65% 12,808	\$ \$	590,358 10.841 23,898 1.760 4.809 3.840 17 34 1.088 29,795 23.79 201 149 70 1,171 89,73% 12,641	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24. 2 1 1,1 86.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac.		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 20,53 20,53 150 70 10,25 77,77% 10,988 477,745	\$; \$; \$; \$; \$; \$; \$; \$; \$; \$;	20,388 10,839 21,673 1,580 3,645 2,680 17 34 1,100 26,417 20,87 20,87 20,87 20,87 20,87 20,87 20,87 20,87	\$	10.839 22,093 1.735 3,607 3.070 18 37 1,189 26,888 22.89 2010 149 70 1,179 90,30% 12,713 552,724	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1.082 29,059 23.14 2011 149 70 1,125 86,22% 12,145 528,025	\$	498,514 10,842 19,973 1,742 3,945 3,730 23,945 44 1,425 25,343 23,96 201 149 70 1,186 90,65% 12,808 556,854	\$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17,60 34 1,088 29,795 23,79 201 149 70 1,171 89,739 12,641 549,607	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24. 24. 1,1 1,86,9 12,2 532,6
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19, 36 1,161 23,253 20,53 2006 150 70 1,025 77,77% 10,988	\$; \$; \$; \$; \$; \$; \$; \$; \$; \$;	96,388 10,839 21,673 1,580 3,645 2,880 1,100 26,417 20,87 2005 149 70 1,180 90,42% 12,730	\$	10.839 22,093 1.735 3.607 3.070 18 37 1.189 26,888 22.89 2010 149 70 1,179 90.30% 12,713	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.449 29,059 23,14 2011 149 70 1,125 86,22% 12,145 528,025 10.792	\$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425 25,343 23,96 201 149 70 1,186 90,659 12,808 556,854	\$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17,60 3,44 1,088 29,795 23,79 2011 149 70 1,171 89,73% 12,641 549,607 10,793	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24. 2 1 1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 20,53 20,53 70 10,025 77,7798 477,745 10,724	\$; \$; \$; \$; \$; \$; \$; \$; \$; \$;	2005 1,100 20,417 20,87	\$ \$	10.839 22,093 1.735 3,607 3.607 1.189 26,888 22.89 2010 1479 70 1,179 90.30% 12,713 552,724 10.786	\$ \$ \$	91,814 10.841 23,657 1.738 4,319 3.440 17 34 1.082 29,059 23.14 2011 149 70 1,125 86,22% 12,145 528,025	\$	498,514 10,842 19,973 1,742 3,945 3,730 23,945 44 1,425 25,343 23,96 201 149 70 1,186 90,65% 12,808 556,854	\$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17,60 34 1,088 29,795 23,79 201 149 70 1,171 89,739 12,641 549,607	\$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24. 2 1 1,1 86.9
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 199 36 1,161 23,253 20,53 20,53 20,53 150 70 1,025 77,77% 10,986 477,745 10,724 11,869	\$ 3 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	26,388 10,839 21,673 1,580 1,580 2,680 17 34 1,100 26,417 20,87 2005 149 90,42% 11,730 11,780 90,42% 112,730 10,786 22,877	\$ \$ \$	10.839 22,093 1,735 3,607 3,070 18 8 7 1,189 26,888 22,89 2010 149 70 1,179 90,30% 12,713 552,724 10,786 23,264	\$ \$ \$	91,814 10.841 123,657 1.738 4,319 3.440 1,082 29,059 23.14 2011 149 70 1,125 86,22% 86,22% 12,145 12	\$ \$	498,514 10,842 19,973 1,742 3,945 3,730 44 1,425 25,343 23,96 2011 149 70 1,186 90,65% 12,808 556,854 10,795 23,604	\$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 1,088 29,795 23,79 201 149 70 1,171 89,739 12,641 549,607 23,512	\$ \$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24. 2 1 1,1 86.9 12,2 10.7 23,0 23,0
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel Cost (\$000) Fuel Cost per MMBTu		\$ \$	532,145 10,807 19,338 1,590 2,754 2,431 36 1,161 23,253 20,53 20,53 150 70 1,025 7,77% 10,988 477,745 10,784 18,889 1,719	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	26,388 10,839 21,673 1,580 1,580 1,580 1,580 1,580 1,580 1,580 1,580 1,790 1,180 1,1	***	10.839 22,093 1.735 3,607 3.070 18 377 1,189 26,888 22.89 2010 149 70 1,179 90.30% 12,713 552,724 10.786 23,264 1.830	\$ \$ \$	91,814 10.841 10.841 10.841 10.841 10.821 10.821 10.821 10.8222 10.822 1	\$ \$ \$	498.514 10.842 19.973 1.742 3.945 3.730 23 44 1.425 25.343 23.96 201. 149 90.659 11.866 90.659 12.808 556,854 10.795 23.608 10.795 23.608 10.795 23.608 10.795 23.608 10.795 23.608 10.795 23.608 10.795 23.608 10.795 23.608 10.795 10.7	\$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 2011 1497 70 1,171 89,764 1549,607 10,793 23,51860	\$ \$	10.8 22.6 1.7 4.6 3.9 1,1 28,4 24 1 1,1 86.9 12,2 2 10.7 23,6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2008 150 70 10,25 77,77% 10,724 18,869 1,670	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	26,388 10,839 21,673 1,673 3,645 2,680 17 20,87 20,87 20,87 20,87 149 7,80 112,730 90,42% 112,730 10,786 222,877 11,782	***	10.839 22,093 1,735 3,607 3,070 18 37 1,189 26,888 22,89 2010 149 70 1,179 90,30% 12,713 552,724 10,786 23,264 1,833	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	991,814 10.841 10.841 1.738 4,319 3.440 1.708 29,059 70 1,125 86,227 12,145 12,	\$ \$ \$	498.514 10.842 19.973 1.742 3.945 3.945 3.936 44 1,425 25.343 23.96 201 149 70 1,186 90.659 12,808 10.795 23,604 1.893 23,804 1.893 23,804 1.893 24,805 25,804 26,805 27,8	\$ \$	590,358 10.841 23,898 1,760 4,809 3,840 1,7 34 1,088 29,795 23,79 201 149 7,07 7,07 7,07 7,07 7,07 7,07 7,07 7,0	\$ \$ \$	10.8 22.6 1.7 4.6 3.5 1.1 28,4 24 2 1 1.1 86.5 12,7 532.6 10.3 2,1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 20,53 20,53 150 70 1,025 77,77% 10,988 477,745 10,724 11,889 1,719 1,630 1,630	55 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2005 24,673 1,580 3,645 2,680 17 34 1,100 2005 149 70 1,180 90,42% 11,782 12,730 10,786 11,782 11,782 11,782 11,782	***	10.839 22,093 1,735 3,607 3,070 18 37 1,189 26,888 22,89 2010 149 70 1,179 90,30% 15,713 552,724 10,786 23,264 1,630 1,933 1,640	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	991,614 10,681 10,681 1,738 4,319 3,440 1,082 29,059 23,14 2011 149 70 1,125 86,22% 12,145 12	\$ \$ \$ \$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425 25,343 23,96 2011 149 70 1,186 90,65% 12,808 556,854 10,795 23,604 1,843 2,385 2,010	\$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 2011 149 70 1,171 549,607 12,641 549,607 23,512 1,860 2,424 2,070		10.8 22,6 1.7,7 4,6 3.9 1,1 28,4 24 1 1,1 86.9 12,2 10.7 23,1 2,1 2,2 1,2 2,2 1,2 2,2 1,2 1,2 1,2 1
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2005 70 1,025 77,798 477,745 10,788 477,745 10,788 11,849 1,670 1,670 1,670 1,670	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2005 149 20087 200	\$ \$ \$	10.839 22,093 1,735 3,607 3,070 18 18 37 1,189 26,888 22,89 2010 149 90,30% 12,713 552,724 10,786 23,264 1,933 1,933 1,640	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	991,814 10.841 10.841 1.738 4,319 3,440 1,082 29,059 23,14 2011 149 70 1,125 22,059 11,125 228,025 12,145 1	****	498.514 10.842 19.973 1.742 3.945 3.730 23 44 1.425 25.343 23.96 201. 149 90.659 12.808 556.854 10.795 23.643 2.385 2.385 2.315	\$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 2011 149 70 1,171 89,734 1549,607 10,793 23,512 2,424 2,070	***	10.8 22,6 1.7,4 4,6 3.9 1,1 28,4 24 1 1,1 86.9 12,2 10.7,2 23,4 10.7,2 10.7,2 10.7,2 11.7,2 1
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) YOM cost(\$000) VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu)		* * * * * * *	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2008 150 70 1,025 77,796 10,724 18,889 1,719 1,670 1,630	55 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	26,388 (0.839) 21,673 1.580 3,645 2.680 17,34 1,100 26,417 20.87 70 1,180 1,190 1,180 22,287 10,286 1,197 10,286 1,797 1,782 1	4 4 4 4 4 4	10.839 22,093 22,093 22,093 2,607 3,607 3,607 3,607 1,189 26,888 22,89 2010 149 70 1,179 90,30% 12,713 552,724 10,786 23,264 1,830 1,933 1,640 17 27	\$ \$ \$	91,614 10,841 10,841 1,738 4,519 3,440 17 34 1,082 29,059 23,14 2011 149 70 1,125 86,22% 112,145 12,145 12,245 10,792 22,310 1,820 1	\$ \$ \$ \$	498.514 10.842 19.973 1.742 3.945 3.930 44 1,425 25.343 23.96 201. 1449 90.659 11.866 90.659 12.808 23.604 1.843 2.385 2.010 1.843 2.385 2.010	\$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 1,7 34 1,088 29,795 23,79 201: 149 201: 149 1,171 89,73% 10,793 23,512 20,700 21,850 24,242 2,070 152	\$ \$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24 24 1,1 86.9 12,2 532,6 2,1 2,1 2,1 2,1 2,1 2,1 2,1 2,1 2,1 2,1
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)		\$ \$	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2005 70 1,025 77,798 477,745 10,788 477,745 10,788 11,849 1,670 1,670 1,670 1,670	55 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2005 149 20087 200	4 4 4 4 4 4	10.839 22,093 1,735 3,607 3,070 188 37 1,189 26,888 22,89 2010 1,179 90,30% 1,179 90,30% 10,786 23,264 11,830 1,933 1,640 17,77 27	\$ \$ \$	991,814 10.841 10.841 1.738 4,319 3,440 1,082 29,059 23,14 2011 149 70 1,125 22,059 11,125 228,025 12,145 1	\$ \$ \$ \$	498.514 10.842 19.973 1.742 3.945 3.930 44 1,425 25.343 23.96 201. 149 90.659 12.808 556.854 10.795 23.604 1.843 2.385 2.010	\$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 201: 149 70 1,171 89,739 12,641 549,607 10,793 23,512 2,424 2,070 152	\$ \$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24 24 1,8 6.9 12,2 532,6 12,2 2,7 2,1
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) YOM cost(\$000) VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu)		* * * * * * *	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2008 150 70 1,025 77,796 10,724 18,889 1,719 1,670 1,630	55 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	26,388 (0.839) 21,673 1.580 3,645 2.680 17,34 1,100 26,417 20.87 70 1,180 1,190 1,180 22,287 10,286 1,197 10,286 1,797 1,782 1	4 4 4 4 4 4	10.839 22,093 1,735 3,607 3,070 1,189 26,888 22,89 2010 149 70 1,179 90,30% 12,713 552,724 10,786 23,284 1,933 1,933 1,630 17 27	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	91,614 10,841 10,841 17,38 4,519 3,440 17 34 1,082 29,059 23,14 2011 1,125 81,245 10,792 21,1837 2,048 1,620	\$ \$ \$ \$	498.514 10.842 19.973 1.742 3.945 3.730 23 44 1.425 25.343 23.96 201 149 90.659 1.186 90.659 1.186 90.659 1.258 1.	\$ \$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 2011 149 70 1,171 89,734 1,0793 23,512 1,860 2,424 2,070 115 24 445	\$ \$ \$	10.8 22,6 1.7 4,6 3.9 1,1 28,4 24 2 1 1 1,1 1,1 28,5 1,2 2,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) YOM cost(\$000) VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu)		* * * * * * *	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20,53 2008 150 70 1,025 77,796 10,724 18,889 1,719 1,670 1,630	55 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	26,388 (0.839) 21,673 1.580 3,645 2.680 17,34 1,100 26,417 20.87 70 1,180 1,190 1,180 22,287 10,286 1,197 10,286 1,797 1,782 1	**	10.839 22,093 22,093 22,093 2,607 3,607 3,607 3,607 1,189 26,888 22,89 2010 149 70 1,179 90,30% 12,713 552,724 10,786 23,264 1,830 1,933 1,640 17 27	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	91,614 10,841 10,841 1,738 4,519 3,440 17 34 1,082 29,059 23,14 2011 149 70 1,125 86,224 12,145 10,792 21,317 2,048 1,515 1,51	\$ \$ \$ \$ \$ \$ \$ \$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425 25,343 23,96 201,186 90,65% 11,886 556,854 10,795 23,604 1,891 23,865 2,010 24,434 434	\$ \$ \$ \$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 201: 149 70 1,171 89,734 10,793 23,516 2,424 2,070 445 26,382	\$ \$ \$ \$	10.8 22.6 1.7, 4.6 4.6 3.9 1.1 28,4,2 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel used(GBtu)		* * * * * * *	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20.53 20.53 20.65 150 70 1,025 77,798 477,745 10,724 18,889 1,719 2,670 1,630 14 22 390	55 5 5 5 5 5 5 5 5 5	26,388 (0.839) 21,673 (1.580) 3,645 2,680 (1.700) 17 34 1,100 26,417 20,87 2005 149 70 10,180 90,42% 112,730 110,786 22,877 1,782 1,	***	10.839 22,093 22,093 22,093 2,097 3,070 3,070 188 37 1,189 26,888 22,89 2010 149 90,309 11,779 90,309 12,713 552,724 10,786 23,264 1,830 1,933 1,640 1,933 1,640 484	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	91,614 10,841 10,841 17,38 4,519 3,440 17 34 1,082 29,059 23,14 2011 1,125 81,245 10,792 21,1837 2,048 1,620	\$ \$ \$ \$ \$ \$ \$ \$	498.514 10.842 19.973 1.742 3.945 3.730 23 44 1.425 25.343 23.96 201. 149 90.65% 12.808 556.854 10.795 23.643 2.385 2.105 2.343 2.385 2.36	\$ \$ \$ \$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 201: 149 70 1,171 89,734 1549,607 10,793 23,5160 2,424 2,070 445 26,382	\$ \$ \$	10.8 22,6 1.7,1 4,6 4,6 3,5 28,7 24 24 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000)		* * * * * * * *	532,145 10,807 19,338 1,580 2,754 2,431 19 36 1,161 23,253 20.53 2008 150 70 70 1,025 77,745 10,784 18,799 1,670 1,630 1,630 1,630 20,949	55 5 5 5 5 5 5 5 5 5	2005 2005	***	10.839 22,093 22,093 22,093 3,607 3,607 3,607 1,189 26,888 22,89 2010 1,179 90,309 1,179 90,309 1,793 1,640 1,933 1,640 1,797 27 484	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	91,614 10,841 10,841 1,738 4,519 3,440 17 34 1,082 29,059 23,14 2011 149 70 1,125 86,224 12,145 10,792 21,317 2,048 1,515 1,51	\$ \$ \$ \$ \$ \$ \$ \$	498,514 10,842 19,973 1,742 3,945 3,730 23 44 1,425 25,343 23,96 201,186 90,65% 11,886 556,854 10,795 23,604 1,891 23,865 2,010 24,434 434	\$ \$ \$ \$ \$ \$	590,358 10.841 23,898 1,760 4,809 3,840 17 34 1,088 29,795 23,79 201: 149 70 1,171 89,734 10,793 23,516 2,424 2,070 445 26,382	\$ \$ \$	10.8 22,6 1 4,6 3.5 1,7 28,6 24 24 1,8 1,8 1,2 532,6 10. 23,0 1 23,0 23,0 23,0 23,0 24,0 25,0 26,0 26,0 26,0 26,0 26,0 26,0 26,0 26

Production Report annual output - 12-15-07.xis.xis

EntityName													
Calcon 7				2008	2009		2010	2011	2012		2013		2014
Coleman 2	Max Capacity(MW)			139	138		138	138	138		138		138
	Min Capacity(MW)			70	70		70	70	70		70		70
	Generation(GWh)			1,088	1,092		1,010	1,032	1,002	l	977		973
	Annual Cap. Fac.			89.13%	90.30%		83.56%	85.40%	82.65%		80.84%		80.51%
***************************************	Fuel used(GBtu)			13,044	13,138		12,161	12,429	12,087	T	11,787		11,731
*****	Coal(Tons)	MAN Transcription of sets of the		67,147	571,203		528,734	540,374	525,513	1	512,497	5	10,040
	Heat Rate			11,986	12.035		12.039	12.039	12.065		12.061		12.053
	Fuel cost(\$000)			22,423	\$ 23,608	đ	22,254	\$ 22,831	\$ 22,276	\$	21,925	\$	22,054
Company of the second section of the second				1.719		\$	1.830	\$ 1.837			1.860	4	1.880
	Fuel Cost per MMBTu	****	ž					\$ 1,879		\$			
	VOM cost(\$000)			1,774	\$ 1,648	\$	1,657		\$ 2,014	<u>\$</u> .		-₹	2,063
	VOM per MWh		\$	1.630	\$ 1.510	.\$	1.640	\$ 1.820	\$ 2.010	. \$.	2.070		2.120
	Num starts(.)	15. an is 11.000		16	16		15	15	15		15		14
	Start Fuel used(GBtu)			26	25		23	24	24	1	25		23
	Start cost(\$000)	<u> </u>	\$	454	\$ 457	\$	412	\$ 445	\$ 440	\$	451	\$	420
										<u> </u>			
	Total Operating Cost (\$000)		\$	24,651	\$ 25,713	\$	24,323	\$ 25,155	\$ 24,730	\$	24,399	\$	24,537
	Op Cost per MWh	1	\$	22.65	\$ 23.56	\$	24.08	\$ 24.37	\$ 24.69	\$	24.97	\$	25.21
										-			
	articles and the property of the control of the con						10. 444 1 44-14			11111	~~~	e. will and	A) Marketinine w resemble.
Catiladiama	<u> </u>			2008	2009	-	2010	2011	2012	 -	2013		2014
EntityName						_							
Coleman 3	Max Capacity(MW)			155	154	ļ	154	154	154	-	154		154
and the state of t	Min Capacity(MW)			110	110		110	110	110	ļ	110		110
	Generation(GWh)	Applich was an application of a received		1,233	1,133		1,207	1,214	1,001	ļ	1,220		1,203
	Annual Cap. Fac.	to be derived by the second		90.55%	83.98%	L_	89,47%	90.00%	74.02%	1_	90.43%	·	89.18%
	Fuel used(GBtu)			13.286	12,261		13,062	13,146	10,840	1	13,210	-	13,023
	Coal(Yons)			77,639	533,095		567,914	571,572	471,316	L	574,365		66,211
	Heat Rate			10.776	10.823		10.823	10.828	10.827	T	10.829		10.824
runn benerit tu elemenen	Fuel cost(\$000)		\$	22,838	\$ 22,033	\$	23,904	\$ 24,149	\$ 19,979	\$		\$	24,483
	Fuel Cost per MMBTu		\$	1.719	\$ 1.797	\$	1.830	\$ 1.837	\$ 1.843	\$	1.860	\$	1.880
	VOM cost(\$000)	<u> </u>	\$	2,010	\$ 1,711	\$	1,979	\$ 2,210	\$ 2,013	\$		\$	2,551
							1,640			\$		\$	2.120
	VOM per MWh		\$	1.630	\$ 1.510	\$			\$ 2.010	1 3			
	Num starts(.)			18	19		19	16	23	-	14		16
	Start Fuel used(GBtu)			26	27		27	22	31	+-	20		22
	Start cost(\$000)		\$	455	\$ 481	\$	482	\$ 404	\$ 560	\$	369	\$	412
						L_			Ĺ	L			
A THE PARTY OF THE	Total Operating Cost (\$000)		\$	25,303	\$ 24,225	\$	26,365	\$ 26,764	\$ 22,551	\$		\$	27,445
* Index 140 0-14 (100000000000000000000000000000000000	Op Cost per MWh		\$	20.52	\$ 21.38	\$	21.84	\$ 22.04	\$ 22.52	\$	22.51	\$	22.81
						т-			1	1	***************************************		
		`	~~~			1			1	+	·	ormalism b	\-\-\-
EntityName			<u> </u>	2008	2009	1	2010	2011	201		2013		2014
	Mari Conseil (MIII)			50	50	ļ	50	50	50	+	50		50
Reid ST	Max Capacity(MW)	***		40	40	ļ	40	40	40	+	40		40
	Min Capacity(MW)	ļ		94	22	 -	3	68	1		18		23
and the second of the second of the second	Generation(GWh)		J				As weathern a be proposed as			+			
,	Annual Cap. Fac.			21.41%	5.11%		0.78%	15.58%	0.009	? 	4.15%		5.24%
L	Fuel used(GBtu)		l	1,268	304	1	46	925			246		311
	Coal(Tons)									voj-e			
	- County of the county of the			54,595	14		n. La de de la lación lación es		-	1	-		
l	Heat Rate			13.485	13.557		13,493	13.555	#DIV/0i	-	13.561		13.548
			\$			\$	13.493 365		#DīV/01	\$	-	\$	13.548 2,255
	Heat Rate Fuel cost(\$000)		\$	13.485	13.557	\$		13.555		\$	13.561 2,083	\$	
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu	The same of the second of the	* * *	13.485 2,550	13.557 \$ 2,542 \$ 8.371	·	365	13.555 \$ 7,516	\$ -		13.561 2,083 8.460	\$	2,255
pport a conference of the second	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000)	The second of th	\$	13.485 2,550 2.011	13.557 \$ 2,542	·	365	13.555 \$ 7,516	\$ -	***	13.561 2,083 8.460		2,255
annone ero to 111 ora en un	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh			13,485 2,550 2,011 15 0,158	13.557 \$ 2,542 \$ 8.371 \$ -	\$	365 7,920	13.555 \$ 7,516	\$ - #DIV/0! \$ -	. 3	13.561 2,083 8.460	\$	2,255 7.253
and the first section of the f	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.)		\$	13.485 2,550 2.011 15 0.158 16	13.557 \$ 2,542 \$ 8.371 \$ - \$ 6	\$	365 7.920	13.555 \$ 7,516 \$ 8.127 \$ - \$ -	\$ - #DIV/0! \$ -	. 3	13.561 2,083 8,460	\$	2,255 7,253 7
	Heat Rate Fuel cost (\$000) Tuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GB(tu)		\$	13.485 2,550 2.011 15 0.158 16 15	13.557 \$ 2,542 \$ 8.371 \$ - \$ - 6 5	\$ \$	365 7,920 - 1	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13	\$ - #DIV/0! \$ - #DIV/0!	\$	13.561 2,083 8,460 7	\$ \$ \$	2,255 7.253 7 7
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.)		\$	13.485 2,550 2.011 15 0.158 16	13.557 \$ 2,542 \$ 8.371 \$ - \$ 6	\$	365 7.920	13.555 \$ 7,516 \$ 8.127 \$ - \$ -	\$ - #DIV/0! \$ - #DIV/0!	. 3	13.561 2,083 8,460 7	\$	2,255 7.253 7 7
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000)		\$	13.485 2,550 2.011 15 0.158 16 15 492	13.557 \$ 2,542 \$ 8.371 \$ - \$ - 6 5 \$ 165	\$ \$	365 7,920 1 1 25	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431	\$ - #DIV/0! \$ - #DIV/0!	\$	13.561 2,083 8,460 7 7 7 217	\$ \$ \$	2,255 7,253 7,7 7 7 7 223
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	13,485 2,550 2,011 15 0,158 16 15 492	13.557 \$ 2,542 \$ 8.371 \$ - \$ 6 5 \$ 165	\$ \$	365 7,920 1 1 25	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431 \$ 7,947	\$ - #DIV/0! \$ - #DIV/0! - \$ -	\$	13.561 2,083 8.460 7 7 7 217	\$ \$	2,255 7,253 7,253 7 7 7 223
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000)		\$	13.485 2,550 2.011 15 0.158 16 15 492	13.557 \$ 2,542 \$ 8.371 \$ - \$ - 6 5 \$ 165	\$ \$	365 7,920 1 1 25	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431	\$ - #DIV/0! \$ - #DIV/0!	\$	13.561 2,083 8.460 7 7 7 217	\$ \$ \$	2,255 7,253 7,253 7 7 7 223
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	13,485 2,550 2,011 15 0,158 16 15 492	13.557 \$ 2,542 \$ 8.371 \$ - \$ 6 5 \$ 165	\$ \$	365 7,920 1 1 25	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431 \$ 7,947	\$ - #DIV/0! \$ - #DIV/0! - \$ -	\$	13.561 2,083 8.460 7 7 7 217	\$ \$	2,255 7,253 7,253 7 7 7 223
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	13.485 2,550 2.011 15 0.158 16 15 492 3,056 32.51	13.557 \$ 2,542 \$ 8.371 \$ - \$ - 6 5 \$ 165 \$ 2,707 \$ 120.85	\$ \$	365 7,920 1 1 25 390 114,14	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431 \$ 7,947 \$ 116.49	\$ - #DIV/0! \$ - #DIV/0! \$ - #DIV/0! \$ - #DIV/0!	\$	13.561 2,083 8.460 7 7 7 217 2,300 126.66	\$ \$	2,255 7,253 7,253 7 7 7 223 2,478 107.96
EntityName	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000)		\$ \$	13,485 2,550 2,011 15 0,158 16 15 492	13.557 \$ 2,542 \$ 8.371 \$ - \$ - 6 5 \$ 165 \$ 2,707 \$ 120.85	\$ \$	365 7,920 1 1 25	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431 \$ 7,947 \$ 116.49	\$ - #DIV/0! \$ - #DIV/0! \$ - #DIV/0! \$ - #DIV/0!	\$	13.561 2,083 8.460 7 7 7 217	\$ \$	2,255 7.253 7 7 7 7 223
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GStu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh		\$ \$	13.485 2,550 2,011 15 0,158 16 15 492 3,056 32.51	13.557 \$ 2,542 \$ 8.371 \$ - \$ - 6 5 \$ 165 \$ 2,707 \$ 120.85	\$ \$	365 7,920 1 1 25 390 114,14	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431 \$ 7,947 \$ 116.49	\$ - #DIV/0! \$	\$ \$	13.561 2,083 8.460 7 7 7 217 2,300 126.66	\$ \$	2,255 7,253 7,253 7 7 7 223 2,478 107.96
EntityName Reld GT	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW)		\$ \$	13.485 2,550 2.011 15 0.158 16 15 492 3,056 32.51	13.557 \$ 2,542 \$ 8.371 \$ - \$ - \$ - \$ 165 \$ 165 \$ 2,707 \$ 120.85 - 2009	\$ \$ \$	365 7,920 - - 1 1 1 25 390 114.14	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431 \$ 7,947 \$ 116.49	\$ - #DIV/0! \$ - #DIV/0! \$ - #DIV/0! \$ - #DIV/0! \$ - #DIV/0!	\$ \$	13.561 2,083 8.460 7 7 7 7 217 2,300 126.66	\$ \$	2,255 7,253 7,253 7 7 7 223 2,478 107.96
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	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(G8tu) Coal(Tons) Heat Rate Fuel cost(\$000)		\$ \$	13.485 2,550 2,011 15 0.158 16 19 492 3,056 32.51 2008 65 -2 0.35% 24 -1 12.267 196 8,058	13.557 \$ 2,542 \$ 8.371 \$ - 6 5 \$ 165 \$ 2,707 \$ 120.85 - - - - - - - - - - - - -	* * * * * *	365 7,920 	13.555 \$ 7,516 \$ 8,127 \$ - \$ - 14 13 \$ 431 \$ 7,947 \$ 116.49 2011 65 - 6 1.06% 71 1.1.851 \$ 5,52 \$ 7,719	\$	\$ \$	13.561 2,083 8,460 7 7 7 217 2,300 126.66 2013 65 - 7 13.88 1.880 644 7,289	\$ \$	2,255 7,253 7,253 7,7 7,7 223 2,478 107,96 65
	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(G8tu) Coal(Tons) Heat Rate Fuel cost(\$000)		\$ \$	13.485 2,550 2,011 15 0,158 16 15 492 3,056 32.51 2008 65 - 2 0,35% 24 - 12.267 196	13.557 \$ 2,542 \$ 8.371 \$ - 6 5 \$ 165 \$ 120.85 - - - - - - - - - - - - - - - - - - -	* * * * * *	365 7,920 	13.555 \$ 7,516 \$ 8.127 \$ - \$ - 14 13 \$ 431 \$ 7,947 \$ 116.49 2011 65 - 6 1.06% 71 1.855 \$ 552	\$	\$ \$ \$	13.561 2,083 8,460 7 7 7 217 2,390 126.66 2013 65 7 1,31% 88 	\$ \$ \$	2,255 7,253 7,253 7,7 7,7 223 2,478 107,96 65
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	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(G8tu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.)		\$ \$	13.485 2,550 2,011 15 0,158 16 6 15 492 3,056 32.51 2008 65 2 0,359% 24 12.287 196 8,058 76	13.557 \$ 2,542 \$ 8.371 \$ 6 5 5 \$ 165 \$ 2,707 \$ 120.85	* * * * * *	365 7,920 1 1 1 25 390 114,14 2010 65 45 45 12,059 363 7,996	13.555 \$ 7,516 \$ 8,127 \$ - 14 13 \$ 431 \$ 7,947 \$ 116.49 - - - - - - - - - - - - - - - - - - -	\$	\$ \$ \$	13.561 2,083 8,460 7 7 7 217 2,390 126.66 2013 65 7 1,31% 88 	\$ \$ \$	2,255 7,253 7,753 7 7 7 7 7 223 2,478 107.96 5 5 - - 9 9 1,549 107.96 5 - - - - - - - - - - - - - - - - - -
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	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(G8tu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start ruel used(G8tu) Start ruel used(G8tu)		\$ \$ \$ \$ \$ \$	13.485 2,550 2,011 15 0,158 16 15 492 3,056 32.51 2008 65 2 0,35% 24 12.267 196 8,058 76	13.557 \$ 2,542 \$ 8.371 \$ -6 5 \$ 165 \$ 2,707 \$ 120.85 -2009 65 -3 0.589% 40 40 40 12.121 \$ 3.29 \$ 8.180 \$ -1.51 \$ 1.65	4444	365 7,920 1 1 1 25 390 114,14 2010 65 - 4 0,66% 45 - 12,059 363 7,996	13.555 \$ 7,516 \$ 8,127 \$ - \$ 14 13 \$ 431 \$ 7,947 \$ 116.49 2011 65 - 6 1.06% 71 - 11.851 \$ 525 \$ 7,719 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ #DIV/0! \$ #DIV/0! \$ #DIV/0! 201 66 8 96 1.43939 5 7.17 \$ 7.472 \$ \$ \$ \$ \$ \$ \$ \$ -	\$ \$	13.561 2,083 8,460 7 7 7 217 2,300 126.66 2013 65 - 7 1.31% 88 8 - 11.880 644 7,289	\$ \$ \$ \$ \$ \$ \$	2,255 7,253
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	Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(G8tu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu) Start ruel used(G8tu) Start ruel used(G8tu)		\$ \$ \$ \$ \$ \$	13.485 2,550 2,011 15 0,158 16 15 492 3,056 32.51 2008 65 2 0,35% 24 12.267 196 8,058 76	13.557 \$ 2,542 \$ 8.371 \$ -6 6 5 \$ 165 \$ 2,707 \$ 120.85	***	365 7,920 1 1 1 25 390 114,14 2010 65 - 4 0,66% 45 - 12,059 363 7,996	13.555 \$ 7,516 \$ 8.127 \$, 14 13 \$ 431 \$ 7,947 \$ 116.49	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13.561 2,083 8,460 7 7 7 217 2,300 126.66 2013 65 7 1,31% 88 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,255 7,253 7 7 7 223 2,478 107.96 201- 65 9 1.54% 105 758 7.237
	Heat Rate Fuel cost (\$000) Fuel Cost per MM8Tu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used (GStu) Start cost (\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used (GBtu) Coal (Tons) Heat Rate Fuel cost (\$000) Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used (GBtu) Start cost (\$000) Total Operating Cost (\$000)		\$ \$ \$ \$ \$ \$ \$ \$ \$	13.485 2,550 2,011 15 0,158 16 15 492 3,056 32.51 2008 65 2 0.35% 24 12.267 196 8,058 76 196	13.557 \$ 2,542 \$ 8.371 \$ -6 6 5 \$ 165 \$ 2,707 \$ 120.85	***	365 7,920 1 1 1 25 390 114,14 2010 65 4 0.66% 45 12,059 363 7,996	13.555 \$ 7,516 \$ 8.127 \$, 14 13 \$ 431 \$ 7,947 \$ 116.49	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13.561 2,083 8,460 7 7 7 217 2,300 126.66 2013 65 - - - 11.880 1.880 - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,255 7,253

Production Report annual output - 12-15-07.xls.xls

atita di nono			2008	2009	2010	2011	2012	2013	2014
ntityName	Man Canada (MIII)		231	231	231	231	231	231	231
reen 1	Max Capacity(MW)		180	180	180	180	180	180	180
	Min Capacity(MW)		1.848	1.947	1,779	1,911	1,807	1,848	1,636
	Generation(GWh)			96.19%	87.92%	94.46%	89.07%	91.31%	80.87%
	Annual Cap. Fac.		91.07%		19,559	21,024	19,878	20,326	17,997
	Fuel used(GBtu)		20,678	21,782		1,051,187	993,881	1,016,305	899,868
	Coal(Tons)		1,033,900	1,089,099	977,947	10.999	10,999	11,000	10.998
	Heat Rate		11.190	11,190	10.993				\$ 32,035
	Fuel cost(\$000)		23,656	\$ 29,122	\$ 34,072	\$ 36,792	\$ 34,786		
.,,,	Fuel Cost per MMBTu		1.144	\$ 1.337	\$ 1.742	\$ 1.750	\$ 1.750	\$ 1.760	
	VOM cost(\$000)		5,470	\$ 6,093	\$ 5,907	\$ 7,206	\$ 7,446	\$ 7,835	\$ 7,118
7.1	VOM per MWh		2.960	\$ 3.130	\$ 3,320	\$ 3.770	\$ 4.120	\$ 4.240	\$ 4.350
Mark continent of part	Num starts(.)	1	7	7	8	13	14	13	18
·** ··** ·** · *** · *** · ***	Start Fuel used(GBtu)		17	17	21	26	32	27	44
	Start cost(\$000)	~	551	\$ 552	\$ 678	\$ 833	\$ 1,044	\$ 879	\$ 1,437
	30.140.140.17								hand also hands at the formation
	Total Operating Cost (\$000)		\$ 29,677	\$ 35,767	\$ 40,656	\$ 44,831	\$ 43,276	\$ 44,488	\$ 40,591
	Op Cost per MWh		16.06	\$ 18.37	\$ 22.85	\$ 23,45	\$ 23.95	\$ 24.08	\$ 24.81
	SON COSE SEL LIMIT		- 20,00						
intityName			2008	2009	2010		2012	2013 223	201 ²
Green 2	Max Capacity(MW)		223	223	223		223	180	180
***************************************	Min Capacity(MW)		180	180	180		180		1,855
	Generation(GWh)		1,801	1,699	1,835		1,799	1,722	
	Annual Cap. Fac.		91.95%	86.97%	93.93%		91.86%		94.94%
	Fuel used(G8tu)		20,376	19,219	20,412		20,021	19,158	20,630
	Coal(Tons)		1,018,807	960,938	1,020,500		1,001,044	957,912	1,031,483
	Heat Rate		11.312	11.313	11.124	11.131	11.126	11.124	11.124
	Fuel cost(\$000)		\$ 23,310	\$ 25,696	\$ 35,558	\$ 29,091	\$ 35,037	\$ 33,719	\$ 36,721
	Fuel Cost per MMBTu		\$ 1.1440	\$ 1.337	\$ 1.747	\$ 1.750	\$ 1.750	\$ 1.760	\$ 1.780
	VOM cost(\$000)		\$ 5,332	\$ 5,317	\$ 6,092		\$ 7,414	\$ 7,303	\$ 8,067
			\$ 2.960	\$ 3.130			\$ 4.120	\$ 4.240	\$ 4.350
program to the set of a sector divine permanent colored and	VOM per MWh		7	8	1 8		13	15	13
parameter and a supplication of the same and de-	Num starts(.)		25	25	27		26	41	25
	Start Fuel used(GBtu)		\$ 816	\$ 806				\$ 1,319	\$ 816
	Start cost(\$000)		2 010	3 500	1 00.	,	1	1	1
		·	\$ 29,458	\$ 31,819	\$ 42,519	\$ 36,585	\$ 43,289	\$ 42,340	\$ 45,604
	Total Operating Cost (\$000)		\$ 29,458 \$ 16.35	\$ 18.73				\$ 24.58	
	Op Cost per MWh		\$ 10.23	3 10.73	7 23.1	7 250	7	1	
management of the steel of the second	A STATE OF THE STA				1	***	-		
			2008	200					
Total	Max Capacity(MW)		1,743	1,738					
Total	Max Capacity(MW) Min Capacity(MW)		1,070	1,255	1,25	1,259	1,259	1,255	1,25
Total	Min Capacity(MW)		1,070 12,511	1,255 12,431	1,25 12,72	5 1,255 6 12,253	1,255 12,373	1,255 12,308	1,25 12,53
Total	Min Capacity(MW) Generation(GWh)		1,070	1,255 12,431 81.66%	1,25 12,72 6 83.62	5 1,255 6 12,253 % 80.519	1,255 12,373 6 81.079	1,255 12,308 6 80.879	1,25 12,53 6 82,38
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac.	or the state of th	1,070 12,511	1,255 12,431	1,25 12,72 6 83.62 140,83	5 1,255 6 12,253 % 80.519 8 135,843	1,255 12,373 6 81.079 136,531	1,255 12,308 6 80.879 135,205	1,25 12,53 6 82,38 137,68
Total	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)	ger (gergeleg met	1,070 12,511 81.69%	1,255 12,431 81.669 138,288	1,25 12,72 6 83.62 140,83	5 1,255 6 12,253 % 80.519 8 135,843 9 6,108,432	1,258 12,373 6 81.079 1 136,531 6,192,167	1,255 12,308 6 80.879 135,205 6,121,438	1,25 12,53 6 82,38 137,68 6,220,12
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac. Fuel used(GBtu) Coal(Tons)		1,070 12,511 81.699 139,155	1,255 12,431 81.669 138,288	1,25 12,72 6 83.62 140,83 6,380,07	5 1,255 6 12,253 % 80.519 8 135,843 9 6,108,432	1,258 12,373 6 81.079 1 136,533 6,192,163 11.03	1,255 12,308 6 80.879 135,205 6,121,438 10.985	1,25 12,53 6 82,38 137,68 6,220,12 10,98
Total	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	The state of the s	1,070 12,511 81.699 139,155 6,316,380 11,123	1,255 12,431 81.669 138,288 6,264,968	1,25 12,72 6 83.62 140,83 6,380,07	5 1,255 6 12,253 % 80.51° 8 135,843 9 6,108,432 7 11.086	1,258 12,373 6 81.079 1 136,533 2 6,192,163 5 11.03	1,255 12,308 6 80.879 135,205 6,121,436 10,985 7 \$ 244,181	1,25 12,53 6 82,38 137,68 6,220,12 10,98 \$ 250,79
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac, Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)		1,070 12,511 81.699 139,155 6,316,380 11.123 \$ 207,173	1,255 12,431 81,669 138,288 6,264,968 11,124 \$ 208,460	1,25 12,72 6 83.62 140,63 6,380,07 11.06 0 \$ 232,15	5 1,255 6 12,253 76 80.519 8 135,843 9 6,108,432 7 11.086 9 \$ 231,033	1,258 12,373 6 81.079 136,533 1 6,192,165 11.03 3 \$ 234,17	1,255 12,308 6 80.879 135,205 6,121,438 5 10.985 7 \$ 244,181 5 \$ 1.806	1,25 12,53 6 82,38 137,68 6,220,12 10,98 \$ 250,79 5 \$ 1.82
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTU	The state of the s	1,070 12,511 81,69% 139,155 6,316,380 11,123 \$ 207,173 \$ 1,489	1,255 12,431 81,669 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507	1,25 12,72 6 83.62 140,63 1 6,380,07 11.06 0 \$ 232,15 7 \$ 1.64	5 1,255 6 12,253 76 80.519 8 135,843 9 6,108,43 7 11.086 9 \$ 231,03 8 \$ 1.70	1,258 12,373 6 81,079 1 136,531 2 6,192,165 5 11,039 3 \$ 234,177 L \$ 1,715	1,255 12,308 6 80.879 135,205 6,121,438 6 10.985 \$ 244,181 6 \$ 1.806 6 \$ 38,973	1,25 12,53 6 82,38 137,68 6,220,12 10,98 \$ 250,79 \$ 1.82 \$ 40,47
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac. Fuel used(G8tu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000)	The second secon	1,070 12,511 81,699 139,155 6,316,380 11,123 \$ 207,173 \$ 1,486 \$ 27,795	1,255 12,431 81,669 138,288 6,264,988 11,124 \$ 208,460 \$ 1,507 \$ 30,758	1,25 12,72 6 83.62 140,83 6,380,07 11.06 1 \$ 232,15 7 \$ 1.64 3 \$ 33,32	5 1,255 6 12,253 76 80.519 8 135,843 9 6,108,43, 7 11,086 9 \$ 231,03 8 \$ 1.70 9 \$ 35,00	1,258 12,373 6 81,079 136,531 2 6,192,16 5 11,03 1 \$ 234,17 1 \$ 1,71 3 \$ 38,36	1,255 12,308 6 80.879 135,205 6,121,438 10.985 7 \$ 244,181 5 \$ 1.806 6 \$ 38,972	1,25 12,53 6 82,38 137,68 6,220,12 10,98 \$ 250,79 \$ 1.82 \$ 40,47
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac, Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000) VOM per MWh	The second secon	1,070 12,511 81.69% 139,155 6,316,380 11.123 \$ 207,173 \$ 1.485 \$ 27,795 \$ 2.222	1,255 12,431 81.669 138,288 6,264,968 11.124 \$ 208,460 \$ 1.507 \$ 30,758	1,25 12,72 6 83.62 140,63 6,380,07 11.06 0 \$ 232,15 7 \$ 1.64 3 \$ 33,32 1 \$ 2.61	5 1,255 6 12,253 % 80.519 8 135,842 9 6,108,432 9 \$ 231,033 8 \$ 1.70 9 \$ 35,000 9 \$ 2,85	1,255 12,373 6 81.079 136,531 6 6,192,165 7 \$ 11.039 1 \$ 234,177 1 \$ 1.71 1 \$ 3.30 7 \$ 3.10	1,255 12,308 6 80.879 135,205 6,121,438 10.985 7 \$ 244,181 5 \$ 1.606 5 \$ 38,973 1 \$ 3.168	1,25; 12,53 6 82,38 137,68 6,220,12 10,98 \$ 250,79 5 \$ 1.82 1 \$ 40,47 5 \$ 3,22
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000) VOM per MWh Num starts(.)		1,070 12,511 81,699 139,155 6,316,380 11,123 \$ 207,173 \$ 1,486 \$ 27,795 \$ 2,222	1,255 12,431 181,669 138,288 6,264,988 11.124 \$ 208,460 \$ 30,755 \$ 30,755	1,25 12,72 6 83.62 140.63 6,380,07 11.06 7 \$ 232,15 7 \$ 1.64 3 \$ 33,32 4 \$ 2.61	5 1,255 6 12,253 % 80,519 8 135,842 9 6,108,43,27 7 11,083 8 \$ 1,701 9 \$ 35,001 9 \$ 2,85,33	1,258 1 12,373 6 81,079 1 136,531 1 6,192,16: 6 11,033 8 \$ 234,17 1 \$ 1,71! 3 \$ 38,36! 7 \$ 3,10. 1 12	1,255 6 12,308 6 80,879 135,205 6,121,438 6 10,985 7 \$ 244,181 5 \$ 1,806 5 \$ 3,166 5 \$ 3,166	1,25; 12,53 6 82,38; 137,68 6,220,12; 10,98 \$ 250,79 6 \$ 1,82 1 \$ 40,47 6 \$ 3,22 0 12
Total	Min Capacity(MW) Generation(GWh) Arnual Cap, Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)		1,070 12,511 81,699 139,155 6,316,380 11,123 \$ 207,173 \$ 1,485 \$ 27,795 \$ 2,222 200	1,255 12,431 8 3,669 138,288 6,264,968 11,124 \$ 208,460 \$ 1,500 \$ 30,755 \$ 2,474 114	1,25 12,72 6 83.62 6 140.63 1 6,380,07 1 11.06 7 \$ 1.64 3 \$ 33,32 4 \$ 2.61 4 11 4 26	5 1,255 6 12,253 76 80,519 8 135,845 9 6,108,43 7 11,08 9 \$ 231,03 8 \$ 1,70 9 \$ 35,00 9 \$ 2,85 3 14	1,255 12,377 6 81.077 6 136,531 136,531 1 136,531 1 137 1 \$ 234,17 1 \$ 171! 3 \$ 38,366 7 \$ 3.10 1 1 25 5 25	1,255 12,308 6 80,879 6 135,205 6 121,438 10,988 7 \$ 244,181 5 \$ 1,800 5 \$ 38,973 1 \$ 3,166 5 1 \$ 256	1,25; 12,53 6 82,38; 137,68 6,220,12 10,98 \$ 250,79 \$ 1,82 6 \$ 1,82 6 \$ 40,47 6 \$ 3,22 0 12 0 26
Total	Min Capacity(MW) Generation(GWh) Annual Cap, Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000) VOM per MWh Num starts(.)		1,070 12,511 81,699 139,155 6,316,380 11,123 \$ 207,173 \$ 1,486 \$ 27,795 \$ 2,222	1,255 12,431 8 3,669 138,288 6,264,968 11,124 \$ 208,460 \$ 1,500 \$ 30,755 \$ 2,474 114	1,25 12,72 6 83.62 6 140.63 1 6,380,07 1 11.06 7 \$ 1.64 3 \$ 33,32 4 \$ 2.61 4 11 4 26	5 1,255 6 12,253 76 80,519 8 135,845 9 6,108,43 7 11,08 9 \$ 231,03 8 \$ 1,70 9 \$ 35,00 9 \$ 2,85 3 14	1,255 12,377 6 81.077 6 136,531 136,531 1 136,531 1 137 1 \$ 234,17 1 \$ 171! 3 \$ 38,366 7 \$ 3.10 1 1 25 5 25	1,255 12,308 6 80,879 6 135,205 6 121,438 10,988 7 \$ 244,181 5 \$ 1,800 5 \$ 38,973 1 \$ 3,166 5 1 \$ 256	1,25; 12,53 6 82,38; 137,68 6,220,12 10,98 \$ 250,79 \$ 1,82 6 \$ 1,82 6 \$ 40,47 6 \$ 3,22 0 12 0 26
Total	Min Capacity(MW) Generation(GWh) Arnual Cap, Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)		1,070 12,511 81,699 139,155 6,316,380 11,123 \$ 207,173 \$ 1,485 \$ 27,795 \$ 2,222 200	1,255 12,431 6 81.669 138,288 6,264,988 11.124 \$ 208,460 \$ 1.507 \$ 30,755 \$ 2.474 114 255 \$ 7,066	1,25 12,72 6 83.62 1 140,63 1 15,380,07 1 11.06 0 \$ 232,15 7 \$ 1.64 3 \$ 33,32 4 \$ 2.61 1 11 1 26 9 \$ 7,40	5 1,255 6 12,253 % 80.519 9 6,108,432 7 11,086 9 \$ 231,033 9 \$ 231,033 9 \$ 2,853 3 14 3 299 5 \$ 8,52	1,255 1 12,372 1 12,373 1 136,533 1 6,192,165 1 11,033 1 \$ 134,171 1 \$ 1,711 3 \$ 38,364 7 \$ 3,10 1 12 5 25 4 \$ 7,17	1,255 12,308 6 80,879 135,205 6,121,438 7 10,988 \$ 10,988 \$ 1,800 5 \$ 1,800 5 \$ 3,8973 1 \$ 3,166 5 120 7 255 9 \$ 7,433	1,25; 12,53 6 82,38; 137,68 6,5220,12 10,98 \$ 250,79 6 \$ 1,82 1 \$ 40,47 6 \$ 3,22 0 26 9 \$ 7,57

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the ship and the		2015	2016	2017	2018	2019	2020	2021	2022	2023
ityName 3 Wilson 1	Max Capacity(MW)	417	417	<u> </u>	417	417	417	417	417	417
	Min Capacity(MW)	325	325	325	325	325	325	325	325	325
	Generation(GWh)	3,196	3,380	2,904	3,380	3,201	3,369	3,216	3,371	3,191
	Annual Cap. Fac.	87.50%	92.28%	79.50%	92.53%	87.64%	91.98%	88.04%	92.29%	87.36%
	Fuel used(GBtu)	34,452	36,462	31,331	36,453	34,522	36,345	34,680	36,369	34,410
	Coal(Tons)	1,498,330	1,585,323	1,362,214	1,584,903	1,500,956	1,580,228	1,507,807	1,581,258	1,495,093
	Heat Rate	10.782	10.787	10.789	10.785	10.783	10.787	10.783	10.788	10.783
	Fuel cost(\$000)	\$ 62,031	\$ 66,726	\$ 57,649	\$ 67,802	\$ 65,247	\$ 69,419	\$ 66,931	\$ 70,919	\$ 67,788
	Fuel Cost per MMBTu	\$ 1.800	\$ 1.830	\$ 1.840	\$ 1.860	\$ 1.890	\$ 1.910	\$ 1.930	\$ 1.950	\$ 1.970
	VOM cost(\$000)	\$ 8,758	\$ 9,533	\$ 8,421	\$ 10,072	\$ 9,796	\$ 10,580	\$ 10,388	\$ 11,193	\$ 10,882
	VOM per MWh	\$ 2.740	\$ 2.820	\$ 2,900	\$ 2.980	\$ 3.060	\$ 3.140		\$ 3.320	\$ 3.410
	Num starts(.)	9	10	14	8	10	10	9	10	10
,	Start Fuel used(GBtu)	50	52	81	46	57	54	50	52	58
	Start cost(\$000)	\$ 1,664	\$ 1,767	\$ 2,816	\$ 1,633	\$ 2,085	\$ 2,027	\$ 1,935	\$ 2,068	\$ 2,391
										<u> </u>
	Total Operating Cost (\$000)	\$ 72,453	\$ 78,026	\$ 68,886	\$ 79,508	\$ 77,128	\$ 82,026	\$ 79,254	\$ 84,180	\$ 81,061
	Op Cost per MWh	\$ 22.67	\$ 23.08	\$ 23.72	\$ 23.52	\$ 24.09	\$ 24.34	\$ 24.64	\$ 24.97	\$ 25.40
									1	<u> </u>
tityName	<u> </u>	2015	201	6 201	7 2018	2019	2020			202
MPL 1	Max Capacity(MW)	152	152			152	152	152		15.
	Min Capacity(MW)	140	140			140	140	140		14
min mayora dangan mada dan dan dan dan dan dan dan dan dan	Generation(GWh)	1,122	1,197			1,051	1,116	1,160	1,224	1,12
*****	Annual Cap. Fac.	84.18%								
	Fuel used(G8tu)	12,154	12,969			11,385	12,083	12,561	13,259	12,15
	Coal(Tons)	528,451	563,708			494,991	525,352	546,119		528,28
	Heat Rate	10.829	10.830			10.830		10.829	10.832	10.82
, common te	Fuel cost(\$000)	\$ 21,756						\$ 23,991	\$ 25,722	\$ 23,81
	Fuel Cost per MMBTu	\$ 1.790	\$ 1.810				\$ 1.900	\$ 1.910	\$ 1.940	\$ 1.98
	VOM cost(\$000)	\$ 5,028	\$ 5,50					\$ 6,113		
	VOM cost(\$000)	\$ 4.480	\$ 4.600							\$ 5.57
		15	1.7	1					15	
	Num starts(.) Start Fuel used(GBtu)	28	1 2	3 - 2	5 23			24		
	Start cost(\$000)	\$ 943								\$ 90
	(3(2)11 (03)(4000)	1	1	1	}		ì			
	Total Operating Cost (\$000)	\$ 27,728	\$ 29,93	7 \$ 28,37	7 \$ 31,366	\$ 28,051	\$ 29,663	\$ 31,019	\$ 33,483	
	Op Cost per MWh	\$ 27,728							\$ 27.35	\$ 27.0
	Op Cost per navn	1 2 27.70	4		1	+				
-FIL MI	-	201	5 20	16 20	301	8 201	202	A 303	1 202	2 20
ntityName							91 202	UE 202	.41	4 21
	Many Congrit (AtM)									
	Max Capacity(MW)	158	15	8 15	8 158	150	3 158	150	3 158	1
	Min Capacity(MW)	158 140	15 14	8 15 0 14	8 158 0 140	3 158 3 140	3 158 3 140	150	3 158 3 140	1
IMPL 2	Min Capacity(MW) Generation(GWh)	158 140 1,261	15 14 1,17	8 15 0 14 3 1,24	8 158 0 140 6 1,149	150 140 1,222	3 158 0 140 2 1,047	150 140 1,25	3 158 3 140 4 1,190	1 1.2
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac.	158 140 1,261 90.98%	15 14 1,17 6 84,44	8 15 0 14 3 1,24 % 89.87	8 158 0 140 6 1,149 % 82,949	3 158 3 140 3 1,22 % 88.21	3 158 5 140 2 1,047 % 75.369	150 140 7 1,25 % 90.46	3 158 3 140 4 1,190 % 85.88%	1 1 1 1,2 6 88,3
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)	158 140 1,261 90.98% 13,672	15 14 1,17 6 84.44 12,71	8 15 0 14 3 1,24 % 89.87 8 13,50	8 158 0 140 6 1,149 % 82,949 4 12,469	3 158 3 140 3 1,222 6 88.21 3 13,25	3 158 0 140 2 1,047 % 75.369 1 11,352	150 140 7 1,25 % 90.46 2 13,59	3 158 0 140 4 1,190 % 65.88% 0 12,903	1 1 1 1,2 6 88.3 1 13,2
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons)	158 140 1,261 90,989 13,672 594,438	15 14 1,17 6 84.44 12,71 3 552,97	8 15 0 14 3 1,24 % 89.87 8 13,50 7 587,13	8 158 0 149 6 1,149 % 82,949 14 12,466 2 541,75	3 158 3 140 9 1,22 % 88.21 0 13,25 5 576,11	3 158 0 140 2 1,047 % 75.369 1 11,357 0 493,562	3 154 0 144 7 1,25 % 90.46 2 13,59 2 590,87	3 158 3 140 4 1,190 % 85.889 0 12,903 3 561,020	1 1 1 1,2 6 88,3 3 13,2 0 577,0
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	158 140 1,261 90.989 13,672 594,438 10.844	15 14 1,17 6 84,44 12,71 3 552,97 1 10.84	8 15 0 14 3 1,24 % 89.87 8 13,50 7 587,11 0 10.84	8 158 0 149 6 1,149 % 82,949 4 12,466 2 541,75 12 10.84	3 156 3 146 4 1,22 6 88.21 0 13,25 5 576,11 1 10.83	3 156 0 140 2 1,047 % 75,369 1 11,35, 0 493,56, 9 10,840	3 15/ 0 14/ 7 1,25/ 6 90.46' 2 13,59/ 2 590,87 0 10.84	3 158 3 140 4 1,190 % 85.889 0 12,903 3 561,020 1 10.841	1 1 1 1,2 6 88,3 3 13,2 0 577,0 1 10.8
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	158 140 1,261 90.989 13,672 594,438 10.844 \$ 24,473	15 14 1,17 6 84,44 12,71 3 552,97 1 10,84 3 \$ 23,02	8 15 0 14 3 1,24 % 89.87 8 13,50 7 587,11 0 10.84	8 156 0 140 6 1,149 % 82,94 4 12,46 2 541,75 12 10.84 12 \$ 23,05	3 156 3 146 4 1,22 6 88.21 0 13,25 5 576,11 1 10.83 2 \$ 24,91	3 156 0 140 2 1,047 % 75,369 1 11,355 0 493,565 9 10,840 1 \$ 21,569	3 15i 0 14i 7 1,25- 7 90.46i 2 13,59i 2 590,87 0 10.84 9 \$ 25,95	3 158 0 140 4 1,190 % 85.889 0 12,903 3 561,020 1 10.841 7 \$ 25,033	1 1 1,2 6 88,3 8 13,2 0 577,0 1 10.8 3 \$ 26,0
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel cost per MMBTu	158 140 1,261 90.989 13,672 594,438 10.844 \$ 24,473 \$ 1.790	155 144 1,176 84.44 12,71 3 552,97 1 10.84 3 \$ 23,02 0 \$ 1.81	8 15 0 14 3 1,24 % 89.87 8 13,50 7 587,11 0 10.84 0 \$ 24,7 0 \$ 1.83	8 156 0 140 6 1,149 % 82.94 4 12,460 2 541,75 12 10.84 12 \$ 23,05 10 \$ 1.85	3 156 3 140 4 1,22 6 88.21 6 88.21 7 13,25 5 576,11 1 10.83 2 \$ 24,91 0 \$ 1.88	3 158 0 140 2 1,047 % 75,369 1 11,352 0 493,562 9 10,840 1 \$ 21,569 0 \$ 1,900	3 159 0 144 7 1,25- 76 90.46 2 13,59 2 590,87 0 10.84 9 \$ 25,95 0 \$ 1,91	3 158 0 140 4 1,190 % 85.889 0 12,903 3 561,020 1 10.841 7 \$ 25,033 0 \$ 1.940	1 1, 1,2 6 88,3 8 13,2 0 577,0 1 10,8 3 \$ 26,0 0 \$ 1.5
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)	158 140 1,261 90.989 13,672 594,438 10.844 \$ 24,473 \$ 1.790 \$ 5,648	155 144 1,176 84,444 12,71 3 \$52,97 1 10.84 3 \$ 23,02 0 \$ 1.81 3 \$ 5,35	8 15 0 14 3 1,24 % 89.87 8 13,50 7 587,11 0 10.84 0 \$ 24,7 0 \$ 1.85 7 \$ 5,89	8 156 0 149 6 1,149 % 82,949 4 12,466 2 541,75 12 10,84 2 \$ 23,05 30 \$ 1,85 31 \$ 5,58	3 156 3 146 9 1,222 6 88.21 9 13,25 5 576,11 1 10.83 2 \$ 24,91 0 \$ 1.88 6 \$ 6,10	3 156 0 140 2 1,047 % 75,369 1 11,352 0 493,562 9 10,840 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37	3 151 0 144 7 1,25- 76 90.46 2 13,59 2 590,87 0 10.84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60	3 158 0 140 4 1,190 % 85,889 0 12,993 3 561,020 1 10,841 7 \$ 25,033 0 \$ 1,940 6 \$ 6,451	1 1,2 6 88.3 13,2 0 577,0 1 10.8 3 \$ 26,0 0 \$ 1.5 1 \$ 6,8
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	158 140 1,261 90.989 13,672 594,433 10.844 \$ 24,477 \$ 1,799 \$ 5,646	155 144 1,176 84,444 12,71 3 \$52,97 1 10.84 3 \$ 23,02 0 \$ 1.81 3 \$ 5,33 0 \$ 4,60	8 15 0 14 3 1,24 % 89.87 8 13,50 7 587,11 0 10.8 0 \$ 24,7 0 \$ 1.8 17 \$ 5,88	8 156 0 140 6 1,149 % 82,944 4 12,46 2 541,75 10,84 12 \$ 23,05 0 \$ 1,85 01 \$ 5,58 30 \$ 4.86	3 156 2 146 3 1,22 6 88.21 6 88.21 7 13,25 7 10.83 2 \$ 24,91 0 \$ 1.88 6 \$ 6,10 0 \$ 4.99	3 158 0 140 2 1,047 % 75,369 1 11,35; 0 493,56; 0 \$10,840 1 \$21,560 0 \$1,900 0 \$5,37; 0 \$5,37;	3 15i 1 44i 7 1,25i 6 90,46i 2 13,59i 2 590,87 10,84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5,27	3 158 3 140 4 1,190 % 85.889 0 12,903 3 561,020 1 10.841 7 \$ 25,033 0 \$ 1,940 6 \$ 6,455 0 \$ 5,420 7 11	1 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	158 140 1,261 90.989 13,672 594,431 10.844 \$ 24,47: \$ 1.790 \$ 5,646 \$ 4.480	15 14 1,17 6 84,44 12,71 3 \$52,97 1 10,84 3 \$ 23,02 0 \$ 1,81 3 \$ 5,33 0 \$ 4,60 3 \$ 4,60	8 15 0 14 3 1,24 % 89.87 8 13,55 7 587,11 0 10.8 24,7 0 \$ 1.8 7 \$ 5,8 10 \$ 4.7	8 156 0 14(6 1,14(9) % 82.94(4 12.46(4 2 541,75(12) 10.84(2) 2 \$23,05(0) \$1.85(5) 0 \$1.85(5) 0 \$4.86(17) 1	3 156 2 146 3 1,22 6 88.21 6 88.21 7 13,25 5 576,11 1 10.83 2 \$ 24,91 0 \$ 1.88 6 \$ 6,10 0 \$ 4.99 7 1	3 156 0 140 2 1,047 % 75.369 1 11,355 0 493,565 9 10.840 1 \$ 21,566 0 \$ 1,900 0 \$ 5,37 0 \$ 5,37 7 2	3 15i 1 14i 7 1,25' % 90.46' 2 13,59' 2 590,87 1 10.84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5.27 4 1	3 158 0 140 4 1,190 6 85,889 0 12,903 3 561,020 7 \$ 25,033 0 \$ 1,940 6 \$ 6,451 0 \$ 5,420 7 11 4 33	1 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(,) Start Fuel used(GBtu)	158 140 1,261 90.985 13,672 594,433 10.844 \$ 24,473 \$ 1,790 \$ 5,648 \$ 4,488	15 14 1,17 6 84,44 1 12,71 3 552,97 4 10.84 1 \$ 23,02 0 \$ 1.81 3 \$ 5,36 0 \$ 4,60	8 15 0 14 3 1,2 % 89.87 8 13,50 7 587,11 0 10.8 0 \$ 24,7 0 \$ 1.8 7 \$ 5,8 0 \$ 4.7	8 156 0 144 6 2.94 4 12,46 2 541,75 12 10.84 2 2 3.05 10 \$ 1.85 10 \$ 4.86 17 7 133 3 3	3 158 3 144 9 1,22; 76 88.21; 5 576,11; 1 10.83; 2 \$ 24,91; 0 \$ 1.88; 6 \$ 6,10; 0 \$ 4.99; 7 1; 4 3	3 156 0 140 2 1,047 % 75,369 1 11,359 0 493,563 9 10,840 1 \$ 21,569 0 \$ 1,900 0 \$ 5,377 0 \$ 5,131 7 22 4 4	3 159 0 144 7 1,25- % 90.46 2 13,59 2 590,87 0 10.84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5.27 4 1 8 3	3 158 0 140 4 1,190 % 85,889 0 12,903 3 561,020 7 \$ 25,033 0 \$ 1,940 6 \$ 6,455 0 \$ 5,420 7 7 11 4 3-3	1 1, 1, 1, 2, 2, 3, 3, 1, 3, 2, 3, 3, 13, 2, 3, 3, 3, 26, 0, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	158 140 1,261 90.989 13,672 594,431 10.844 \$ 24,47: \$ 1.790 \$ 5,646 \$ 4.480	15 14 1,17 6 84,44 1 12,71 8 552,97 1 10.84 0 \$ 23,02 0 \$ 1.81 3 \$ 5,36 0 \$ 4.60	8 15 0 14 3 1,2 % 89.87 8 13,50 7 587,11 0 10.8 0 \$ 24,7 0 \$ 1.8 7 \$ 5,8 0 \$ 4.7	8 156 0 144 6 2.94 4 12,46 2 541,75 12 10.84 2 2 3.05 10 \$ 1.85 10 \$ 4.86 17 7 133 3 3	3 158 3 144 9 1,22; 76 88.21; 5 576,11; 1 10.83; 2 \$ 24,91; 0 \$ 1.88; 6 \$ 6,10; 0 \$ 4.99; 7 1; 4 3	3 156 0 140 2 1,047 % 75,369 1 11,359 0 493,563 9 10,840 1 \$ 21,569 0 \$ 1,900 0 \$ 5,377 0 \$ 5,131 7 22 4 4	3 159 0 144 7 1,25- % 90.46 2 13,59 2 590,87 0 10.84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5.27 4 1 8 3	3 158 0 140 4 1,190 % 85,889 0 12,903 3 561,020 7 \$ 25,033 0 \$ 1,940 6 \$ 6,455 0 \$ 5,420 7 7 11 4 3-3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tions) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	158 140 1,261 90.98° 13,672 594,43° 10.84° \$ 24,47° \$ 1.79° \$ 5,64° \$ 4.48° 11° 22° \$ 81°	15 14 1,17 6 84,44 12,71 3 552,97 4 10,84 23,02 0 \$ 1.81 3 \$ 5,33 0 \$ 4,60 3 4	8 15 0 14 3 1,22 3 89.87 8 13,55 7 587,11 0 10.8- 0 \$ 24,7 0 \$ 1.8: 17 \$ 5,8: 00 \$ 4.7. 77	8 156 0 144 6 1,149 % 82,944 4 12,466 2 541,75; 10 \$ 1,85; 10 \$ 1,85; 10 \$ 4,86; 17 1 1 33 3 50 \$ 1,23	1 158 3 144 4 1,222 6 88.21 7 13,25 5 576,11 1 10.83 2 \$ 24,91 3 \$ 1.88 5 \$ 6,10 0 \$ 4,99 7 1 4 3 0 \$ 1,26	3 156 0 144 2 1,047 % 75.369 1 11,352 0 493,562 9 10.844 1 \$ 21,566 0 \$ 5,37 0 \$ 5,37 0 \$ 5,130 7 2 4 4 4 4 2 \$ 1,80	3 150 0 144 1 1,25 6 90.46 2 13,59 2 590,87 0 10.84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5.27 4 1 8 3 6 \$ 1,30	3 158 0 140 1 1,190 % 85.889 0 12,903 3 561,020 1 10.841 7 \$ 25,033 0 \$ 1,940 6 \$ 6,451 0 \$ 5.420 7 11 4 33 1 \$ 1,36	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	158 140 1,261 190.989 13,672 594,438 10.844 \$ 24,472 \$ 1.790 \$ 5,640 \$ 4,488 11 22 \$ 819	155, 166, 176, 176, 176, 176, 176, 176, 176	8 15 0 14 3 1,24 9% 89.87 8 13,50 7 587,11 0 10.8 10 \$ 24,7 0 \$ 1.8 17 \$ 5,8 10 \$ 4.7 17 17 19 10 \$ 1.3 10 \$ 1.	8 156 0 144 0 12,46 % 82,94 4 12,46 2 541,75 12 10,84 12 \$ 23,05 10 \$ 1.85 11 \$ 5,58 10 \$ 4.86 77 1 33 3 3 50 \$ 1,23	1 150 140 1,225 6 88,214 0 13,25 5 576,111 1 10,83 2 \$ 24,91 0 \$ 1,88 6 \$ 6,10 0 \$ 4,99 7 1 4 3 0 \$ 1,26	3 158 0 140 1 1,047 % 75,369 1 11,352 0 493,563 9 10,840 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,37; 0 \$ 5,13 7 22 4 4 4 4 2 \$ 1,80	3 159 1 144 7 1,255 6 90,46 2 13,59 2 590,87 0 10,84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5.27 4 1 8 3 6 \$ 1,30	3 158 0 140 1 1,190 % 85.889 0 12,903 3 561,020 7 \$ 25,032 0 \$ 1,940 6 \$ 6,457 0 \$ 5.422 7 11 4 33 1 \$ 1,366	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tions) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	158 140 1,261 90.98° 13,672 594,43° 10.84° \$ 24,47° \$ 1.79° \$ 5,64° \$ 4.48° 11° 22° \$ 81°	155 141 141 142 143 144 147 147 147 147 147 147 147	8 15 0 14 3 1,24 9% 89.87 8 13,50 7 587,11 0 10.8 10 \$ 24,7 0 \$ 1.8 17 \$ 5,8 10 \$ 4.7 17 17 19 10 \$ 1.3 10 \$ 1.	8 156 0 144 0 12,46 % 82,94 4 12,46 2 541,75 12 10,84 12 \$ 23,05 10 \$ 1.85 11 \$ 5,58 10 \$ 4.86 77 1 33 3 3 50 \$ 1,23	1 150 140 1,225 6 88,214 0 13,25 5 576,110 1 10,83 2 \$ 24,91 0 \$ 1,88 6 \$ 6,10 0 \$ 4,99 7 1 4 3 0 \$ 1,26	3 158 5 140 1 140 2 1,047 % 75,369 1 11,352 5 493,563 9 10,840 1 \$ 21,566 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,130 7 2: 4 4 4 2 \$ 1,800	3 159 1 144 7 1,255 6 90,46 2 13,59 2 590,87 0 10,84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5.27 4 1 8 3 6 \$ 1,30	3 158 0 140 1 1,190 % 85.889 0 12,903 3 561,020 7 \$ 25,032 0 \$ 1,940 6 \$ 6,457 0 \$ 5.422 7 11 4 33 1 \$ 1,366	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	158 140 1,261 190.989 13,672 594,438 10.844 \$ 24,472 \$ 1.790 \$ 5,640 \$ 4,488 11 22 \$ 819	155, 166, 176, 176, 176, 176, 176, 176, 176	8 15 0 14 3 1,24 9% 89.87 8 13,50 7 587,11 0 10.8 10 \$ 24,7 0 \$ 1.8 17 \$ 5,8 10 \$ 4.7 17 17 19 10 \$ 1.3 10 \$ 1.	8 156 0 144 0 12,46 % 82,94 4 12,46 2 541,75 12 10,84 12 \$ 23,05 10 \$ 1.85 11 \$ 5,58 10 \$ 4.86 77 1 33 3 3 50 \$ 1,23	1 150 140 1,225 6 88,214 0 13,25 5 576,110 1 10,83 2 \$ 24,91 0 \$ 1,88 6 \$ 6,10 0 \$ 4,99 7 1 4 3 0 \$ 1,26	3 158 5 140 1 140 2 1,047 % 75,369 1 11,352 5 493,563 9 10,840 1 \$ 21,566 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,130 7 2: 4 4 4 2 \$ 1,800	3 159 1 144 7 1,255 6 90,46 2 13,59 2 590,87 0 10,84 9 \$ 25,95 0 \$ 1,91 2 \$ 6,60 0 \$ 5.27 4 1 8 3 6 \$ 1,30	3 158 0 140 1 1,190 % 85.889 0 12,903 3 561,020 7 \$ 25,032 0 \$ 1,940 6 \$ 6,457 0 \$ 5.422 7 11 4 33 1 \$ 1,366	1 1 1 1 1,2 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5
MPL 2	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	158 140 1,261 90,988 13,672 594,431 10,844 \$ 24,472 \$ 1,799 \$ 5,641 \$ 4,481 12.2 \$ 814	155 141 1,176 6 84,444 12,718 552,978 4 10,888 5 23,020 1,181 1,192 1,193 1	8 15 0 144 2 1,24 5 89,87 7 587,17 7 587,17 0 \$ 1,87 0 \$ 24,7 0 \$ 1,83 0 \$ 4,7 0 \$ 4,7 0 \$ 1,8 0 \$ 4,7 0 \$ 1,8 0 \$ 4,7 0 \$ 1,1 0 \$ 1,2 0 \$ 1,2 0 \$ 2,2 0 \$ 1,2 0 \$ 2,2 0 \$ 1,2 0 \$ 2,2 0 \$ 2,2	8 150 0 144 6 1,149 % 82,944 12,466 2 541,75; 10 10,84 12 \$ 23,05 10 \$ 1,85 10 \$ 4,86 17 1 1 33 3 3 50 \$ 1,23 53 \$ 29,86 50 \$ 25,9	156	3 156 5 140 2 1,047 % 75,369 1 11,352 5 493,562 9 10,844 1 \$21,566 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,13; 7 22 4 4 4 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4	15t	3 158 0 140 1,190 % 85,889 0 12,903 3 561,022 7 \$ 25,033 0 \$ 1,940 6 \$ 6,451 0 \$ 5,420 7 11 4 34 1 \$ 1,366	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh	158 144 1,261 90.989 13,677 594,438 10,844 \$ 24,473 \$ 1,794 \$ 1,794 \$ 4,484 11 2. \$ 810 \$ 30,93 \$ 24,5	155 144 112,71 10,84	8 15 0 144 2 1,24 3 1,24 8 89.87 7 587,17 7 587,17 0 \$ 1.8 0 \$ 24,7 0 \$ 1.8 0 \$ 4,7 0 \$ 4,7 0 \$ 1.8 0 \$ 4,7 0 \$ 1.8 0 \$ 4,7 0 \$ 1.8 0 \$ 2,7 0 \$ 2,7 0 \$ 1.8 0 \$ 2,7 0	8 150 0 144 6 1,149 % 82,944 4 12,466 2 541,75; 10 4 15,859 10 \$ 1,859 10 \$ 4,866 17 1 133 3 3 50 \$ 1,23 53 \$ 29,86 50 \$ 25,9	150	3 156 5 144 6 1,047 7 75,369 1 11,355 0 493,566 9 10,844 1 \$21,566 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,33; 7 2 4 4 4 2 \$ 1,800 3 \$ 28,74 0 \$ 27.4	15t	3 158 0 140 4 1,190 6 85.889 0 12,900 1 561,020 1 10.841 7 \$ 25,030 0 \$ 1,940 6 \$ 6,457 0 \$ 5,420 1 \$ 1,360 5 \$ 32,844 1 \$ 27.66	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW)	158 140 1,261 99,98 13,672 594,438 10,844 \$ 24,473 \$ 1,799 \$ 5,644 \$ 4,481 2 2 \$ 811 2 2 \$ 31,93 \$ 24,5	155 144 1,1,17 15,17 15,27 15,27 10,27 11,10 10,28 10,38 11,10	8	8 156 0 144 6 1,144 7 6 82,94 4 12,46 12,46 12 52,05 10 \$ 1.85 11 \$ 5,86 30 \$ 4.86 7 7 1 3 33 3 33 35 \$ 1,23 55 \$ 29,86 55 \$ 25.9	158	3 158 3 144 2 1,047 % 75,369 1 11,35, 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37 0 \$ 5,130 7 22 4 4 4 2 \$ 1,80 3 \$ 28,74 0 \$ 27,4	158	3 158 0 140 4 1,190 6 85.889 0 12,900 1 561,020 1 10.841 7 \$ 25,030 0 \$ 1,940 6 \$ 6,457 0 \$ 5,420 1 \$ 1,360 5 \$ 32,844 1 \$ 27.66	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MPL 2	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh	158 140 1,261 90,98 13,672 594,43 10,844 \$ 24,47: \$ 1,799 \$ 5,644 \$ 4,48 \$ 1,29 \$ 30,93 \$ 24,5	155 141 1,177 6 84,444 1 10,848 1 52,00 1 1,10 1 5,20 1 5,35 1 5,35 1 5,45 1 5 20,5 1 5 21,1 1 5 22,5 1 5 20	8	8 156 0 144 6 1,145 76 82,94 14 12,46 12 541,75 10 18,46 12 5 23,05 10 \$ 1,85 10 \$ 4,86 17 1 1 355 \$ 1,23 55 \$ 1,23 55 \$ 29,86 55 \$ 25,9	150	3 158 0 144 0 14,047 % 75,369 1 11,35, 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,37; 7 2: 4 4 4 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4	15t 14t 17t 3 158 0 140 1 1,190 % 85,889 0 12,903 561,022 1 10,841 7 \$ 25,033 0 \$ 1,940 6 \$ 6,451 0 \$ 5,420 7 11 1 \$ 1,360 1 \$ 27,60	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh)	158 140 1,261 90.989 13,672 594,438 10,844 \$ 24,473 \$ 1,790 \$ 4,488 11 22 \$ 810 \$ 30,93 \$ 24,5	155 20 1.11 1 29.5. 155 20.5. 155 20.5. 155 20.5. 155 20.5. 155 20.5. 155 20.5. 155 20.5. 155 20.5. 155 20.5.	8	8 150 0 144 6 1,144 9% 82,94 4 12,46 2 2 541,75; 12 10,84 12 \$ 23,05; 13 \$ 5,58 10 \$ 4.86 13 \$ 3 \$ 29,86 50 \$ 1,23 50 \$ 1,23 50 \$ 1,23 50 \$ 1,23 50 \$ 1,23 50 \$ 1,23 50 \$ 1,23	158	3 158 2 1,042 2 1,042 % 75,369 1 11,352 0 493,565 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37 0 \$ 5,37 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4 19 20 9 14	15th 15th	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac.	158 140 1,261 90,988 13,677 594,438 10,844 \$ 24,477 \$ 1,799 \$ 4,480 11 22 \$ 811 24,5 \$ 24,5	155 2255 149 11,172 149 112,773 1552,974 150,888 123,000 150,888 123,000 151,1	8	8 156 0 144 6 1,144 9 82,94 4 12,46 12,46 12,2 \$ 23,05 10 \$ 1.85 10 \$ 4.86 17 1 1 33 \$ 29,86 50 \$ 25,9 117 20 49 14 70 7 7 19 1,17 33% 89,90	158	3 158 2 1,047 2 1,047 3 75,369 1 11,35, 9 10,844 1 \$ 21,569 0 \$ 5,3,77 0 \$ 5,3,77 2 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4 19 20,19	15t 14t 12t 14t 12t 14t 12t 14t 12t 14t 12t 14t 12t 13t 19t 13t 15t 19t 13t 15t 19t 13t 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)	158 140 1,261 90,98 13,67 594,43 10,84 \$ 24,47 \$ 1,79 \$ 5,544 11 2: \$ 811 \$ 30,93 \$ 24,5 14 7 1,20 91,97 12,55	155 144 112,74 154 155 155 155 155 155 155 155 155 15	8	8 156 0 144 6 1,145 % 82,94 4 12,46 2 541,75 10 \$ 1,84 12 \$ 23,05 10 \$ 1,85 10 \$ 4,86 10 \$ 4,86 10 \$ 4,86 10 \$ 4,86 10 \$ 1,23 3 3 3 50 \$ 1,23 50 \$ 25,9 10 \$ 25,9 11 \$ 20 11 \$ 20 12 \$ 23,05 13 \$ 29,86 14 \$ 25,98 15 \$ 25,9	150	3 156 0 144 0 1,047 % 75,369 1 11,35, 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,37; 0 \$ 5,37; 0 \$ 5,37; 0 \$ 2,44 4 4 4 2 \$ 1,80 3 \$ 28,74 0 \$ 27,4 19 20 7 19 10 7 19 12 1,13	15t 14t 17t 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tions) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tions)	158 144 1,261 90.98 13,672 594,438 10,844 \$ 24,473 \$ 1,792 \$ 5,544 \$ 4,484 11 22 \$ 816 \$ 30,93 \$ 24,5 144 7 7 1,20 91.97	155 20 1.11 1 \$ 29,53 3 \$ 25.29 1 \$ 1.17 1 \$ 29,55 2 \$ 1.11 1 \$ 1.11 2 \$ 1.11 3 \$ 25.25 2 \$ 1.11 2 \$ 1.11 3 \$ 25.25 2 \$ 1.11 3 \$ 25.25 3 \$ 1.11 3 \$ 25.25 3 \$ 1.11 3 \$ 1.11 3 \$ 1.11 3 \$ 1.11 3 \$ 1.11 4 \$ 1.12 4 \$ 1.12 5 5	8	8 150 144 154 155 156 15	158	3 158 2 1,042 2 1,042 % 75,369 1 11,352 0 493,565 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37 0 \$ 5,37 0 \$ 5,130 7 22 4 4 4 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4 19 20 9 14 9 14 9 20 9 14 9 20 9 14 9 15 16 17 17 17 17 17 17 17 17 17 17	15th 15th	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	158 140 1,261 90,989 13,672 594,438 10,844 \$ 24,477 \$ 1,790 \$ 55,448 11 2 \$ 818 \$ 30,93 \$ 24,5 200 114 7 7 1,20 91,97 12,95 553,22 10,75	155 225. 15 225. 17 29 1 1,17 2 2 2 112.	8	8 156 0 144 6 1,144 6 1,147 6 82,94 4 12,46 12,46 12,2 \$ 23,05 10 \$ 1.85 10 \$ 4.86 17 1 1 33 \$ 29,86 50 \$ 25,9 10 \$ 25,9 10 \$ 1,23 10 \$ 1,23 10 \$ 1,23 11 \$ 5,58 10 \$ 1,23 11 \$ 5,58 10 \$ 1,23 11 \$ 5,58 10 \$ 1,23 11 \$ 5,58 10 \$ 1,23 11 \$ 5,58 11 \$	158	3 158 3 144 2 1,044 3 75,369 1 11,35,369 9 10,844 1 \$21,569 0 \$5,37; 0 \$5,37; 0 \$5,37; 0 \$5,37; 0 \$5,37; 0 \$5,37; 0 \$5,37; 17 22; 18 180; 19 20,99 14 0 77 19 20,199 14 0 77 12,21 19% 86,47 77 12,21 33 531,075	15t 14t 1,255 14t 1,255 14t 1,255 10,46 13,59 10,48	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	1555 140 1,261 90,988 13,674 594,438 10,844 \$ 24,473 \$ 1,799 \$ 4,480 11 22 \$ 811 24,5 \$ 11 7 7 1,20 91,97 12,95 553,22 10,798 \$ 24,61	155 205 15 225 15 225 15 225 15 225 15 225 15 225 15 225 16 225 17 225 18 22	8	8 156 0 144 6 1,144 7,6 82,94 4 12,46 2 541,75 10 \$ 1,84 12 \$ 23,05 0 \$ 1,85 10 \$ 4,86 17 1 3 3 3 3 3 50 \$ 1,23 53 \$ 29,86 50 \$ 25,9 10 7 11 9 1,17 20 49 14 70 7 19 1,17 20 7 19 1,17 20 91 1,17 20 91 12,66 69 550,56 91 10,77 23 \$ 24,99	158	3 158 2 1,047 2 1,047 3 75,369 1 11,35, 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,37; 7 2-4 4 4 4 2 \$ 1,80 3 \$ 28,74 0 \$ 27,4 19 20, 9 14 0 7 7 12 1,13 19 86,47 57 12,21 33 531,07 33 10,75 55 \$ 24,55	15t 14t 14t 14t 14t 14t 14t 14t 14t 15t 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tions) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	158 144 1,261 90.98* 13,672 594,438 10,84* \$ 24,47: \$ 1,792 \$ 5,544 \$ 4,484 1.1 2.2 \$ 816 \$ 30,93 \$ 24,5 144 7 7 1,20 91.97 12,29 563,22 10,79 \$ 24,61 \$ 1,99	155 20 1.11 15 20,53 16 21,11 17 21,12 18 23,02 18 3 552,92 18 3 5,33 19 \$ 4,60 19 \$ 1,11 1 \$ 29,53 10 \$ 1,11 1 \$ 29,53 10 \$ 1,12 10 \$ 1,13 11 \$ 29,53 11 \$ 25,03 12 \$ 1,13 13 \$ 25,03 14 \$ 1,13 15 \$ 20,03 16 \$ 1,13 17 \$ 50,02 17 \$ 560,02 17 \$ 560,02 18 1,13 18 22,03 18 23,03 18 24,7 19 9 1,2 19 9 1,3 10 \$ 1,2 10 \$ 1,3 10 \$ 1,4	8	8 150 144 15	158	3 156 3 144 2 1,047 % 75,369 1 11,35; 0 493,566 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,37; 0 \$ 5,37; 0 \$ 5,37 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	15th 15th	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	158 140 1,261 90.989 13,672 594,438 10.844 \$ 24,473 \$ 1,790 \$ 4,488 11 22 \$ 818 24,5 24,5 20 114 77 12,95 12,95 10,79 \$ 24,61 \$ 11,79 \$ 24,61	155 200 1.1.1 1.29.5 1.	8	8 150 144 154 156 156 147 156 15	158	3 158 3 144 2 1,047 3 75,369 1 11,35,369 9 10,844 1 \$21,569 0 \$5,37,37 0 \$5,37,37 0 \$5,37 0 \$5,37 0 \$2,44 4 4 2 \$1,80 3 \$28,74 0 \$27,4 19 20,77 12,21 19 20,77 19 20,	15t	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Max Capacity(MW) Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	158 140 1,261 90,988 13,677 594,438 10,844 \$ 24,473 \$ 1,799 \$ 4,480 \$ 24,473 \$ 1,799 \$ 24,45 201 144 7 7 1,20 91,979 12,995 563,22 10,798 \$ 24,61 \$ 1,995 \$ 24,61 \$ 1,995 \$ 24,61 \$ 2,61 \$ 2,61	155 1255 1560 1575 157	8	8 156 0 144 6 1,144 76 82,94 4 12,46 4 12,46 12 \$ 23,05 10 \$ 1.85 10 \$ 1.85 10 \$ 1.85 10 \$ 23,05 10 \$ 1.85 10 \$ 23,05 10 \$ 1.85 10 \$ 1.85 10 \$ 1.85 10 \$ 1.85 10 \$ 1.23 10 \$ 25,95 10 \$ 25,95 10 \$ 25,9 10 \$ 1.23 10 \$ 1	158	3	15t 14t 14t 14t 14t 14t 14t 14t 14t 15t 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	158 144 1,261 90.98* 13,677 594,438 \$ 10,84* \$ 24,47? \$ 1,798 \$ 5,641 \$ 4,481 1.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.	155 20 1.1.1 1 \$ 29,55. 15	8	8 150 144 15	158	3 156 3 144 2 1,047 % 75,369 1 11,35; 0 493,56; 9 10,844 1 \$ 21,569 0 \$ 5,37; 0 \$ 5,37; 0 \$ 5,37; 0 \$ 5,37; 0 \$ 22,44 4 44 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4 19 20,99 14 5 1,90 9 14 9 12,133 10,75 12,21 13 551,07 13 521,07 14 521,07 15 521,07	15t	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel used(GBtu)	158 140 1,261 90,989 13,672 594,438 10,844 \$ 24,473 \$ 1,790 \$ 5,544 \$ 4,480 \$ 24,5 20 144 7 7 12,95 91,97 12,95 563,22 10,79 \$ 24,61 \$ 1,179 \$ 24,61	155 144 12.8 155 20.5 155 20.5 15 20.5	8	8	158	3 158 3 144 2 1,044 3 75,369 1 11,35,369 9 10,844 1 \$21,569 0 \$5,37,37 0 \$5,37,37 0 \$5,37 0 \$5,37 0 \$2,44 4 4 2 \$1,80 3 \$28,74 0 \$27,4 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 19 20,77 12,21 13 53,07 13 53,07 13 53,07 13 53,07 13 52,55 15 \$2,65 30 \$2,55	15t	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	158 140 1,261 90,989 13,672 594,438 10,844 \$ 24,473 \$ 1,790 \$ 5,544 \$ 4,480 \$ 24,5 20 144 7 7 12,95 91,97 12,95 563,22 10,79 \$ 24,61 \$ 1,179 \$ 24,61	155 144 12.8 155 20.5 155 20.5 15 20.5	8	8	158	3 158 3 144 2 1,047 6 75,369 1 11,35, 0 493,56, 9 10,844 1 \$21,566 0 \$5,37, 0 \$5,37, 0 \$5,37, 0 \$5,37, 0 \$5,37, 0 \$2,44 4 4 2 \$1,80 3 \$28,74 0 \$27,4 19 20, 19 14 0 77 12,13 19 20, 19 14 0 77 12,21 33 52,67 33 10,75 35 10,75 35 10,75 36 22,55 37 \$2,65 30 \$2,55	15t	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EntityName	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Cost(\$000) Start Fuel used(GBtu) Start Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	158 144 1,261 90.98* 13,677 594,438 10,84* \$ 24,47: \$ 1,791 \$ 5,541 \$ 4,481 1.2 \$ 811 2.1 2.0 144 7 7 1,20 91.97 12,99 563,22 10,79 \$ 24,61 \$ 1,91 \$ 2,61 \$ 2,61 \$ 2,18	15 14 12,71 16 84,444 112,71 16 18 12,71 16 18 152,71 16 18 18 18 18 18 18 18 18 18 18 18 18 18	8	8 150 144 15	158	3	15t	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MPL 2	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Cost(\$000) Total Operating Cost (\$000)	158 140 1,261 90,989 13,672 594,438 10,844 \$ 24,477 \$ 1,790 \$ 5,544 \$ 4,481 11 22 \$ 811 \$ 30,93 \$ 24,5	155 200 1.1.1 1.27.1 1.1.27.1	8	8 150 144 154 156 147 147 15	158	3 156 3 144 2 1,044 6 75,369 1 11,352 9 10,844 1 \$ 21,569 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,377 0 \$ 5,377 0 \$ 5,377 0 \$ 5,374 1 4 4 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4 19 20 19 10 77 12 21 1,13 196 86,47 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 38 531,07 39 \$ 24,55 50 \$ 24,55 50 \$ 24,55 50 \$ 24,55 50 \$ 24,55 51 51 5 1,27 52 52 53 53 531,07 57 \$ 2,62 58 \$ 55	15th 15th	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MPL 2	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Cost(\$000) Start Fuel used(GBtu) Start Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	158 144 1,261 90.98* 13,677 594,438 10,84* \$ 24,47: \$ 1,791 \$ 5,541 \$ 4,481 1.2 \$ 811 2.1 2.0 144 7 7 1,20 91.97 12,99 563,22 10,79 \$ 24,61 \$ 1,91 \$ 2,61 \$ 2,61 \$ 2,18	155 200 1.1.1 1.27.1 1.1.27.1	8	8 150 144 15	158	3 156 3 144 2 1,044 6 75,369 1 11,352 9 10,844 1 \$ 21,569 9 10,844 1 \$ 21,569 0 \$ 1,900 0 \$ 5,377 0 \$ 5,377 0 \$ 5,377 0 \$ 5,374 1 4 4 2 \$ 1,800 3 \$ 28,74 0 \$ 27,4 19 20 19 10 77 12 21 1,13 196 86,47 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 37 12,21 38 531,07 39 \$ 24,55 50 \$ 24,55 50 \$ 24,55 50 \$ 24,55 50 \$ 24,55 51 51 5 1,27 52 52 53 53 531,07 57 \$ 2,62 58 \$ 55	15t	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Production Report annual output - 12-15-07.xls.xis

EntityName Coleman 2			2015	-	2016		2017	20.	o.	2019		2020		2021	2022	20
	May Canacin (MM)		138		138		138	13		138		138		138	138	13
COLUMN &	Max Capacity(MW) Min Capacity(MW)	J. 11175	70	men'r,	70		70	7		70		70		70	70	
			1,055		855		1,078	1,07		971	·	1,048		1,061	984	1,07
	Generation(GWh) Annual Cap. Fac.		87.24%		70.57%		89.19%	88.79		80.30%		86.46%		87.75%	81.40%	89.07
	Fuel used(GBtu)		12,712		10,315		12.996	12,94		11,721		12,649		12,798	11,874	12,99
					448,467	rin e. Am	565,037	563,01		509,607		549,971		556,417	516,252	564,80
	Coal(Tons)		52,681 12.054		12.058		12.053	12.06		12.075		12,070		12.064	12.056	12.06
	Heat Rate		24,152		19,804		25,212	\$ 25,51			+		\$	25,979	\$ 24,460	
	Fuel cost(\$000)			<u>.</u>		\$				\$ 23,325	\$	25,425	بسالند		······································	
	Fuel Cost per MMBTu	<u> </u>	1.900		1.920	\$	1.940	\$ 1.97		1.990	\$	2.010	\$	2.030	\$ 2.060	\$ 2.08
	VOM cost(\$000)	\$	2,299	\$	1,916	\$	2,480	\$ 2,54		\$ <u>2,359</u>	<u>\$</u>	2,620	\$	2,726	\$ 2,598	\$ 2,91
	VOM per MWh	\$	2.180	<u>-1</u>	2.240	\$	2.300	\$ 2,37		\$ 2.430	\$	2,500	\$	2.570	\$ 2.640	\$ 2.71
	Num starts(,)		15		21		13	1		15		14		15	15	11
	Start Fuel used(GBtu)		24	<u> </u>	32		20			25		22		2.4	25	1 1
	Start cost(\$000)	\$	456	ş	612	\$	389	\$ 48	٠	\$ 514	\$	462	\$	534	\$ 548	\$ 40
									_							
	Total Operating Cost (\$000)	\$	26,907	\$	22,333	\$	28,081	\$ 28,54		\$ 26,198	\$	28,508	\$	29,239	\$ 27,606	\$ 30,34
	Op Cost per MWh	1.5	25.51	\$	26.11	\$	26.04	\$ 25.5	9	\$ 26.99	\$	27.20	\$	27.56	\$ 28.05	\$ 28.1
									_							
				_									_			<u> </u>
EntityName			2015	_	2016		2017	20		2019		2020	L	2021	2027	20
Coleman 3	Max Capacity(MW)		154	L	154		154	15	4	154		154		154	154	15
The second section of the second section (1971)	Min Capacity(MW)		110		110		110	11		110		110		110	110	11
	Generation(GWh)		1,097	[1,203		1,205	1,12		1,166		1,201		1,041	1,220	1,21
y	Annual Cap. Fac.	***	81.33%		88.95%	*****	89.33%	83,29		86.40%		88.79%		77.19%	90.44%	
officer of agencia. In the first of	Fuel used(GBtu)		11,879	1	13,025		13,047	12,16		12,618		13,002		11,276	13,210	13,13
	Coal(Tons)		16,467		566,303	T	567,248	528,85		548,602		565,287	Γ-	490,266	574,347	570,91
	Heat Rate		10.826	Γ	10.825	(10.826	10.82		10.826		10.825	p	10.829	10.827	10.82
	Fuel cost(\$000)		22,570	Š	25,008	\$	25,311	\$ 23,96		\$ 25,110	\$	26,133	\$	22,891	\$ 27,213	\$ 27,31
	Fuel Cost per MM8Tu	Š	1.900	1 🕏	1.920	\$	1.940	\$ 1.97		\$ 1.990	\$	2.010	Š	2.030	\$ 2.060	\$ 2.08
	VOM cost(\$000)	9	2,392	1	2,695	1	2,772	\$ 2,66		\$ 2,832	\$	3,003	\$	2,676	\$ 3,221	\$ 3,28
	VOM per MWh	ě	2.180	4	2,240	4	2.300	\$ 2.37		\$ 2.430	\$	2.500	4	2.570	\$ 2.640	\$ 2.71
·· . , , ,	Num starts(.)	. X	16	- X.	16	7-	16	1		17		17	7	21	16	† *****
a though again to part of the complete of the	Start Fuel used(GBtu)	· · · · · · · · · · · · · · · · · · ·	22		22	 	22		4	24		24		28		
	Start cost(\$000)	- · · · · ·	417	10	427	9	436	\$ 48		\$ 500	\$	515	3	610	\$ 498	\$ 5
	240.0 000.07	 		-		-		-1	+	X	~		-			
	Total Operating Cost (\$000)	\$	25,379	-	28,131	+	28,518	\$ 27,11	5+	\$ 28,442	\$	29,651	\$	26,177	\$ 30,932	\$ 31,1
	Op Cost per MWh	\$	23.13	3	23.38	\$	23.66	\$ 24.		\$ 24.40	\$	24.69	\$	25.14	\$ 25.35	
<u> </u>	Op cost per inten		23.13	1	23.50	17	20.00	₹ ८ ५,,	7	4 27,70	1	21.03	-	23.7.4	3 23.33	P 20.1
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Entitud to part		-	2015	-	2016	╁	2017	20	10	2019		2020	-	2021	202	20
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Reld ST	Max Capacity(MW)	ļ	50 40	 		├	50 40		0	50	ļ	40	 	30 40		
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		1		7		-				······································	 		 		0.00%	4
	Fuel used(GBtu)	ļ	159	L	573	L	836	1!	4			254	_	242	0.00%	0.01
- warmen and the state of the same	Coal(Tons)				573		836	-		-		254 -	_	242	-	:
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- gygnyssamað 1. fórræri í gargaf 1. afarsjógur yfir en sveti ársta st	Coal(Tons) Heat Rate Fuel cost(\$000)	3	13.557 1,213	\$	573 - 13.557 4,340	\$	836 13.548 6,936	13.56 \$ 1,3	3	#DIV/0! \$ -	\$	254 - 13,548 2,041	\$	242 - 13.559 2,221	#DIV/0 \$ -	#DIV/0
- wysperintensk r. often entre gangel e. often de en wellen general en en en en en en en en en en en en en	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu	\$	13.557	\$	573 13,557	\$	836 13.548	- 13.56	3	#DIV/0!	\$	254 - 13,548	\$ \$	242 - 13.559	#DIV/01	#DIV/0
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EntityName Reid GT	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000)	\$	13.557 1,213 7.620 - - - 1,213 103.30	\$ \$	573 13.557 4,340 7.569 - - - - 8 7 239 4,579 108.26	\$ \$ \$	836 13.548 6,936 8,297 5 5 162 7,098 115,03	\$ 1,44 \$ 1,26 \$ 20	33 50 50 50 37 37 37 37	#DIV/0! #DIV/0! #DIV/0!	\$ \$	254 - 13,548 2,041 8,040 - - 3 2 89 2,131 113,70	\$ \$	242 	#DIV/01 \$ - #DIV/01 \$ - #DIV/01 - - \$ - #DIV/01	#DIV/C
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	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(\$68tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	\$	13.557 1,213 7.620 	\$ \$ \$	573 13.557 4,340 7.569 8 8 7 239 4,579 108.26 2016 65 9 1,53% 104 11.863 757	\$ \$ \$	836 13,548 6,936 8,297 5 5 162 7,098 115,03 2017 65 11 1,98% 134 11,824 993	\$ 1,3.5(\$ \$ 1,3.5(\$ \$ 8.7) \$ \$ \$ \$ 1,4(\$ \$ 1,26) 20 1,55 11 11.9	33 50 50 50 3 2 37 37 37 32 35 9 9 35 9	#DIV/0! \$	\$ \$	254 13.548 2,041 8.040 - 3 2 89 2,131 113.70 2020 65 - 9 1.51% 102 - 11.883 824	\$ \$ \$	242 13.559 2,221 9.180 	#DIV/01 \$	#DIV/C \$ #DIV/C \$ #DIV/C #DIV/C #DIV/C #DIV/C \$
	Coal(Tons) Heat Rate Fuel Cost (\$000) Fuel Cost per MMBTu VOM Cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) YOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel used(GBtu)	\$	13.557 1,213 7.620 	\$ \$ \$ \$	573 13.557 4,340 7.569 8 8 7 239 4,579 108.26 2016 65 9 1,53% 104 11.863 757	\$ \$ \$	836 13,548 6,936 8,297 5 5 162 7,098 115,03 2017 65 11 1,98% 134 11,824 993	\$ 1,3.5(\$ \$ 1,3.5(\$ \$ 8.7) \$ \$ \$ \$ 1,4(\$ \$ 1,26) 20 1,55 11 11.9	33 50 50 50 3 2 37 37 37 32 35 9 9 35 9	#DIV/0! \$	\$ \$	254 13.548 2,041 8.040 - 3 2 89 2,131 113.70 2020 65 - 9 1.51% 102 - 11.883 824 8.046	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	242 13.559 2,221 9.180 	#DIV/01 \$	#DIV/C \$ #DIV/C \$ #DIV/C #DIV/C #DIV/C #DIV/C \$
	Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(\$68tu) Start cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	\$	13.557 1,213 7.620 	\$ \$ \$	573 13.557 4,340 7.569 8 8 7 239 4,579 108.26 2016 65 9 1,53% 104 11.863 757	\$ \$ \$	836 13,548 6,936 8,297 5 5 162 7,098 115,03 2017 65 11 1,98% 134 11,824 993	\$ 1,3.5(\$ \$ 1,3.5(\$ \$ 8.7) \$ \$ \$ \$ 1,4(\$ \$ 1,26) 20 1,55 11 11.9	33 50 50 50 3 2 37 37 37 32 35 9 9 35 9	#DIV/0! \$	\$ \$	254 13.548 2,041 8.040 - 3 2 89 2,131 113.70 2020 65 - 9 1.51% 102 - 11.883 824	\$ \$ \$	242 13.559 2,221 9.180 	#DIV/0I \$ #DIV/0I \$	#DIV/C \$ #DIV/C \$ #DIV/C #DIV/C #DIV/C #DIV/C \$
	Coal(Tons) Heat Rate Fluel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(\$68tu) Start cost(\$000) Total Operating Cost (\$000) (Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(\$68tu) Coal(Tons) Heat Rate Fuel Cost(\$000) Fuel Cost (\$000) VOM per MWh Num starts(.) Start Fuel used(\$68tu) Start Fuel used(\$68tu) Start Fuel used(\$68tu)	\$ \$ \$	13.557 1,213 7,620 - - - 1,213 103.30 2018 65 - 8 8 1,45% 97 7,206	***	573 13.557 4,340 7.569	* * * * *	836 13,548 6,936 8,297 5 5 162 7,098 115,03 2017 65 11 1,98% 134 11,824 1,993 7,439	\$ 1,44 \$ 1,26. \$ 1,26. \$ 226. \$ 1,49 \$ 1,26. \$ 1,49 \$ 1,26. \$ 1,49 \$ 1,26. \$ 1,59 \$ 1,	33 30 30 37 37 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	#DIV/0! \$ #DIV/0! \$ #DIV/0! \$ \$ #DIV/0! 2019 65 8 1.45% 97 11.732 \$ 7.745 \$ \$ 1.745	* * * * * * * * * * * * * * * * * * * *	254 13.548 2,041 8,040 - 3 2 89 2,131 113.70 2020 65 - 9 1.51% 102 11.883 8046	***	242 13.559 2,221 9.180 	#DIV/0! \$	#DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C \$ #DIV/C
	Coal(Tons) Heat Rate Fuel Cost (\$000) Fuel Cost per MMBTu VOM Cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) (Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Total Operating Cost (\$000)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13.557 7,620 7,620 1,213 103.30 2015 65 8 1,45% 97 7,206	****	573 13.557 4,340 7.569	***	836 13.548 6,936 8,297 -5 5 5 162 7,098 115,03 2017 65 -11 1,98% 134 11,824 993 7,439	\$ 1,44 \$ 1,26 \$ 1,26 \$ 20 \$ 1,55 \$ 7,5 \$ 7,5	33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	#DIV/0! \$	\$ \$ \$ \$ \$ \$ \$ \$	254 13.548 2,041 8.040 - 3 2 89 2,131 113.70 2020 65 - 9 1.51% 102 11.883 824 8.046	***	242 13.559 2,221 9.180 	#DIV/0I \$ #DIV/0I \$	#DIV/C \$
	Coal(Tons) Heat Rate Fluel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(\$68tu) Start cost(\$000) Total Operating Cost (\$000) (Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(\$68tu) Coal(Tons) Heat Rate Fuel Cost(\$000) Fuel Cost (\$000) VOM per MWh Num starts(.) Start Fuel used(\$68tu) Start Fuel used(\$68tu) Start Fuel used(\$68tu)	\$ \$ \$	13.557 1,213 7,620 - - - 1,213 103.30 2018 65 - 8 8 1,45% 97 7,206	****	573 13.557 4,340 7.569	***	836 13.548 6,936 8,297 -5 5 5 162 7,098 115,03 2017 65 -11 1,98% 134 11,824 993 7,439	\$ 1,44 \$ 1,26 \$ 1,26 \$ 20 \$ 1,55 \$ 7,5 \$ 7,5	33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	#DIV/0! \$ #DIV/0! \$ #DIV/0! \$ \$ #DIV/0! 2019 65 8 1.45% 97 11.732 \$ 7.745 \$ \$ 1.745	\$ \$ \$ \$ \$ \$ \$ \$	254 13.548 2,041 8,040 - 3 2 89 2,131 113.70 2020 65 - 9 1.51% 102 11.883 8046	***	242 13.559 2,221 9.180 	#DIV/0I \$ #DIV/0I \$	#DIV/C \$
	Coal(Tons) Heat Rate Fuel Cost (\$000) Fuel Cost per MMBTu VOM Cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Total Operating Cost (\$000) (Op Cost per MWh Min Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Start Fuel (Sout) Total Operating Cost (\$000)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13.557 7,620 7,620 1,213 103.30 2015 65 8 1,45% 97 7,206	****	573 13.557 4,340 7.569	***	836 13.548 6,936 8,297 -5 5 5 162 7,098 115,03 2017 65 -11 1,98% 134 11,824 993 7,439	\$ 1,44 \$ 1,26 \$ 1,26 \$ 20 \$ 1,55 \$ 7,5 \$ 7,5	33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	#DIV/0! \$	\$ \$ \$ \$ \$ \$ \$ \$	254 13.548 2,041 8.040 - 3 2 89 2,131 113.70 2020 65 - 9 1.51% 102 11.883 824 8.046	***	242 13.559 2,221 9.180 	#DIV/0I \$ #DIV/0I \$	#DIV/C \$

Production Report annual output - 12-15-07.xls.xls

- Albandan		2015	2016	2017	2018	2019	2020	2021	2022	2023
ntityName	Man Caracia (NOAC)	231	. 231	231	231	231	231	231	231	231
reen 1	Max Capacity(MW)	180	180	180	180	180	180	180	180	180
	Min Capacity(MW)	1.946	1,746	1,910	1,745	1,906	1,801	1,915	1,552	1,909
	Generation(GWh)	95.18%	86,06%	94,41%	86.24%	94.20%	88.74%	94.62%	76.69%	94.34%
	Annual Cap. Fac.		19,205	21,017	19,197	20,978	19,811	21,073	17.078	21,003
	Fuel used(GBtu)	21,418	960,241	1,050,867	959,856	1,048,904	990,534	1.053,632	853,902	1,050,144
	Coal(Tons)	1,070,914		11.002	11.000	11.005	11.002	11.005	11,005	11.002
	Heat Rate	11.004	10.998		~~~	\$ 39,439	\$ 37,640		\$ 33,302	\$ 41,376
	Fuel cost(\$000)	\$ 38,553	\$ 34,953		\$ 35,707 \$ 1.860	\$ 1,880	\$ 1,900		\$ 1,950	\$ 1.970
	Fuel Cost per MMBTu	\$ 1.800	\$ 1.820				\$ 10,479	\$ 11,450	\$ 9,528	\$ 12,046
	VOM cost(\$000)	\$ 9,887	\$ 9,116	\$ 10,240		\$ 10,789 \$ 5.660	\$ 5.820	\$ 5,980	\$ 6.140	\$ 6.310
	VOM per MWh	\$ 5.080	\$ 5.220	\$ 5,360	\$ 5.510 12	\$ 5.000 13	15	13	20	12
	Num starts(.)	13	14	13		23	34	25	48	23
	Start Fuel used(GBtu)	20	34	23	28			\$ 955	\$ 1,905	\$ 921
	Start cost(\$000)	\$ 660	\$ 1,168	\$ 819	\$ 998	\$ 839	\$ 1,288	3 333	\$ 1,500	1
				- (45.456	A F3 064	\$ 44,737	\$ 54,343
	Total Operating Cost (\$000)	\$ 49,101	\$ 45,236	\$ 49,730	\$ 46,320	\$ 51,067	\$ 49,408	\$ 52,864	\$ 44,737 \$ 28.83	A SHE WALL BOOK OF THE PERSON NAMED IN
	Op Cost per MWh	\$ 25.23	\$ 25,90	\$ 26.03	\$ 26.54	\$ 26.79	\$ 27.44	\$ 27.51	⇒ 50.03 E	\$ 28.47
		i .	1							
			1							
EntityName	<u> </u>	2015	2016	2017	2018	2019	2020	2021	2022	202
Green 2	Max Capacity(MW)	223	223	223	223	223	223	223	223	223
Breen z	Min Capacity(MW)	180	180	180	180	180	180	180	180	180
		1,628	1,810	1,664	1,739	1,526	1,775	1,732	1,815	1,726
	Generation(GWh)	83,33%	all and a second section to make	85.17%		78.14%	90.61%	88.64%	92,92%	88.369
	Annual Cap. Fac.	18,102	20,134	18,506	19,348	15,988	19,757	19,267	20,203	19,208
	Fuel used(GBtu)	905,120		925,281	967,411	849,412	987,844	963,364	1,010,138	960,403
era aurona mangana andrésis	Coal(Tons)		11.125	11.123	11.128	11.129	11.132	11,127	11.131	11.127
photocomy and a second	Heat Rate	11.121	AND ASSESSED OF THE PROPERTY AND ADDRESS.		\$ 35,988	\$ 31,938	\$ 37,538	\$ 36,993	\$ 39,395	\$ 37,840
	Fuel cost(\$000)	\$ 32,584		\$ 1.840	\$ 1.860	\$ 1.880	\$ 1.900	\$ 1.920	\$ 1.950	\$ 1.970
	Fuel Cost per MMBTu	\$ 1.800			\$ 9,580	\$ 8,640	\$ 10,329	\$ 10,355	\$ 11,145	\$ 10,897
	VOM cost(\$000)	\$ 8,269				\$ 5,660	\$ 5.820	\$ 5.980	\$ 6,140	\$ 6.31
	VOM per MWh	\$ 5.080			\$ 5.510 12	3 3,000	12	13	12	1
	Num starts(.)	13		14		64	22	37	27	4
.	Start Fuel used(GBtu)	38		40			\$ 843	\$ 1,425		\$ 1,70
	Start cost(\$000)	\$ 1,262	\$ 774	\$ 1,413	\$ 1,149	\$ 2,342	3 010	4 1/100	1,	1
							1 40 711	\$ 48,773.	\$ 51,596	\$ 50,43
	Total Operating Cost (\$000)	\$ 42,116			\$ 46,716	\$ 42,919		\$ 48,773 \$ 28.17	\$ 51,595 \$ 28.43	\$ 29.2
And the last of French Colonia is the Market	Op Cost per MWh	\$ 25.87	\$ 25.89	\$ 26.68	\$ 26.87	\$ 28.12	\$ 27.45	\$ 20.17	\$ 20.93	3 40,2
					<u> </u>	<u></u>		ļ	<u> </u>	ļ
										20
		201	.5 201	6 201	7 201					
Y-sol				727	1,737	1,737	1,737	1,737	1,737	1,73
	May Canacity/MW1	1 1.7.37	/ 1./3/	1,737	1,/3/					
Total	Max Capacity(MW)	1,737					1,255	1,255	1,255	
10031	Min Capacity(MW)	1,25	5 1,25	1,255	1,255	1,255	1,255	12,599	12,559	12,58
1001	Min Capacity(MW) Generation(GWh)	1,25 12,52	5 1,255 5 12,61	1,255 12,218	1,259 12,630	1,255 12,244	1,255 12,516 6 82.019	12,599 82.78%	12,559 82.52%	12,56 82.67
1 OTAL	Min Capacity(MW) Generation(GWh) Annual Cap. Fac.	1,255 12,520 82,30	5 1,259 5 12,61 % 82.63	1,255 12,218 6 80,279	1,259 12,630 6 82,989	1,255 12,244 6 80.45%	1,255 12,516 6 82.019	12,599 82.78% 138,477	12,559 82.52% 137,878	12,56 82.67 138,26
MINOR	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)	1,255 12,520 82,30 137,60	5 1,255 5 12,61 % 82.63 9 138,38	1,255 12,218 6 80.279 7 134,481	1,255 12,630 82,989 1 138,774	1,255 12,244 6 80.45% 1 134,426	1,255 12,516 6 82.019 137,570	12,599 82.78% 138,477	12,559 82,52% 137,878 6,233,220	12,56 82.67 138,26 6,268,85
Misser	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons)	1,25 12,520 82,30 137,60 6,229,62	5 1,255 6 12,61 % 82,63 9 138,38 9 6,243,93	1,255 12,218 80,279 134,481 6 6,062,607	1,259 12,630 6 82,989 1 138,774 7 6,273,798	1,255 12,244 6 80.45% 134,426 3 6,088,015	1,255 12,516 6 82.01% 137,570 6,223,850	12,599 82.78% 138,477 6,268,934 10.991	12,559 82,52% 137,878 6,233,220 10,979	12,56 82.67 138,26 6,268,85 10.98
Address of the second of the s	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	1,25 12,520 82.30 137,60 6,229,62 10.98	5 1,255 6 12,61 % 82,63 9 138,38 9 6,243,93 6 10,97	1,255 12,218 6 80,279 134,481 5 6,062,607 1 11.007	1,255 12,636 6 82,989 1 138,774 7 6,273,798 7 10,986	1,255 12,244 6 80.45% 1 134,426 3 6,088,015 3 10.979	1,255 12,516 6 82.01% 137,570 6,223,850 10.991	12,599 82.78% 138,477 6,268,934 10.991	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466	12,56 82,67 138,26 6,268,89 10,98 \$ 277,0
NAME OF THE PROPERTY OF THE PR	Min Capacity(MW) Generation(GWh) Annual (Zap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$900)	1,252 12,520 82,300 137,600 6,229,620 10,98 \$ 252,64	5 1,259 6 12,61 % 82,63 9 138,38 9 6,243,93 6 10,97 3 \$ 259,45	1,255 12,218 6 80.27° 7 134,481 5 6,062,607 4 11.007 9 \$ 257,038	1,255 12,630 6 82,989 1 138,774 7 6,273,790 7 10,980 8 \$ 263,679	1,255 12,244 6 80.459 1 134,426 3 6,088,015 3 10.979 5 \$ 257,725	1,255 12,516 6 82.01% 137,570 6,223,850 10,991 6 \$ 268,099	12,599 82.78% 138,477 6,268,934 10.991 \$ 272,425	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,983	12,56 82.67 138,26 6,268,85 10.98 \$ 277,02 \$ 2.06
Market and the second s	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	1,252 12,520 82,300 137,600 6,229,620 10,980 \$ 252,640 \$ 1,83	5 1,259 6 12,61 % 82,639 9 138,38 9 6,243,939 6 10,97 3 \$ 259,45 6 \$ 1.87	1,255 12,218 6 80.279 7 134,481 5 6,062,607 4 11.007 9 \$ 257,038 5 \$ 1.91	1,255 12,636 6 82,989 1 138,774 7 6,273,796 7 10,986 8 \$ 263,675 1 \$ 1,906	1,255 12,244 6 80,459 1 134,426 8 6,088,015 3 10,979 5 \$ 257,725 0 \$ 1,913	1,255 12,516 6 82.01% 137,570 6 6,223,850 9 10,991 6 \$ 268,099 7 \$ 1,949	12,599 82,78% 138,477 6,268,934 10,991 \$ 272,425 \$ 1,967	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919	12,56 82.67 138,26 6,268,85 10,99 \$ 277,00 \$ 2,00 \$ 56,10
National Action	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)	1,252 12,520 82,305 137,600 6,229,62 10,98 \$ 252,64 \$ 1.83 \$ 44,89	5 1,259 6 12,61 % 82,635 9 138,38 9 6,243,93 6 10,97 3 \$ 259,45 6 \$ 1.87 9 \$ 46,28	1,255 12,218 80,279 134,481 6 6,062,607 4 11,007 9 \$ 257,038 5 \$ 1,91 6 \$ 46,358	1,255 3 12,636 6 82,983 1 138,774 7 6,273,796 7 10,986 3 \$ 263,67 1 \$ 1,906 8 \$ 48,80	1,255 12,244 6 80.459 1 134,426 8 6,088,015 1 10.979 5 \$ 257,725 0 \$ 1.91 2 \$ 48,659	1,255 12,516 6 82.019 137,570 6 6,223,850 10,991 6 \$ 268,099 7 \$ 1,949 9 \$ 50,938	12,599 82.78% 138,477 6,268,934 10.991 \$ 272,425 \$ 1,967 \$ 53,384	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919	12,56 82.67 138,26 6,268,85 10,99 \$ 277,00 \$ 2,00 \$ 56,10
	Min Capacity(MW) Generation(GWh) Annual Cap, Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	1,255 12,520 82,300 137,600 6,229,62 10,98 \$ 252,64 \$ 1,83 \$ 44,89 \$ 3,58	5 1,25: 6 12,61: % 82,63: 9 138,38: 9 6,243,93: 6 10,97: 3 \$ 259,45: 6 \$ 1.87: 9 \$ 46,28: 5 \$ 3.67	3 1,255 12,218 % 80.27° 7 134,481 5 6,062,607 9 \$ 257,038 5 \$ 1,911 6 \$ 46,358 0 \$ 3.79	5 1,255 3 12,630 6 82,989 1 138,774 7 6,273,796 7 10,988 8 \$ 263,679 1 \$ 1,900 8 \$ 48,800 4 \$ 3.86	1,255 12,244 6 80.459 134,426 6 6,088,015 3 10.975 5 \$ 257,725 0 \$ 1.915 2 \$ 48,655 1 \$ 3,97	1,255 12,516 6 82,01% 137,570 6,223,850 10,991 6 \$ 268,099 7 \$ 1,949 9 \$ 50,938 4 \$ 4,070	12,599 82,78% 138,477 6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293	12,56 82.67 138,24 6,268,85 10,99 \$ 277,02 \$ 2,00 \$ 56,10
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	1,253 12,524 82,30° 137,60° 6,229,62° 10.98 \$ 252,64 \$ 1.83 \$ 44,89 \$ 3.58	5 1,25: 6 12,61: % 82,63: 9 138,38: 9 6,243,93: 6 10,97: 3 \$ 259,45: 6 \$ 1.87: 9 \$ 46,28: 5 \$ 3.67: 9 12	1,255 1 12,218 6 80,279 7 134,481 5 6,062,607 4 11,007 9 \$ 257,038 5 \$ 1,911 6 \$ 46,354 0 \$ 3,79 7 12	1,255 12,630 6 82,989 1 138,777 7 6,273,799 7 10,988 3 \$ 263,679 8 \$ 48,800 4 \$ 3.86	1,255 12,244 6 80.459 134,426 8 6,088,015 8 10.995 8 \$ 257,725 9 \$ 1.915 2 \$ 48,656 4 \$ 3.97	1,255 12,516 82,019 137,570 6,223,850 10,991 5 \$ 268,099 7 \$ 1,949 9 \$ 50,938 4 \$ 4,070 9 124	12,599 82,78% 138,477 6,268,934 10.991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293	12,58 9 82.67 138,26 6,268,83 10.98 \$ 277,02 \$ 2.00 \$ 56,10 \$ 4.49
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	1,25: 12,52: 82,30' 137,60' 6,229,62' 10,98 \$ 252,64 \$ 1,83 \$ 44,89 \$ 3,58 \$ 10 23	5 1,25: 6 12,61: % 82,63: 9 138,38: 9 6,243,93: 6 10,97: 3 \$ 259,45: 6 \$ 1.87: 9 \$ 46,28: 5 \$ 3.67: 9 12:	1,255 1, 12,218 8, 80,279 7, 134,481 6,6052,605 4, 11,007 9, \$257,038 5, \$1,911 6, \$46,358 0, \$3,79 7, 12,25 6, 27	1,255 3 12,636 6 82,987 7 6,273,796 7 10,988 8 \$ 263,671 1 \$ 1,900 8 \$ 48,800 4 \$ 3,866 3 11 8 23	1,255 12,244 6 80.459 134,426 8 6,088,014 8 10.975 5 \$ 257,721 0 \$ 1.911 2 \$ 48,656 4 \$ 3.977 1 1 12	1,255 12,516 6 82.019 6 6,223,850 6 6,223,850 7 \$ 10,991 6 \$ 268,099 7 \$ 1,949 9 \$ 50,938 4 4,070 6 124 9 256	12,599 82,78% 138,477 6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,963 \$ 53,919 \$ 4,293 119 259	12,58 9 82.67 138,26 6,268,83 10.98 \$ 277,02 \$ 2.00 \$ 56,10 \$ 4.4
	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	1,253 12,524 82,30° 137,60° 6,229,62° 10.98 \$ 252,64 \$ 1.83 \$ 44,89 \$ 3.58	5 1,25: 6 12,61: % 82,63: 9 138,38: 9 6,243,93: 6 10,97: 3 \$ 259,45: 6 \$ 1.87: 9 \$ 46,28: 5 \$ 3.67: 9 12:	1,255 1, 12,218 8, 80,279 7, 134,481 6,6052,605 4, 11,007 9, \$257,038 5, \$1,911 6, \$46,358 0, \$3,79 7, 12,25 6, 27	1,255 3 12,636 6 82,987 7 6,273,796 7 10,988 8 \$ 263,671 1 \$ 1,900 8 \$ 48,800 4 \$ 3,866 3 11 8 23	1,255 12,244 6 80.459 134,426 8 6,088,014 8 10.975 5 \$ 257,721 0 \$ 1.911 2 \$ 48,656 4 \$ 3.977 1 1 12	1,255 12,516 6 82.019 6 6,223,850 6 6,223,850 7 \$ 10,991 6 \$ 268,099 7 \$ 1,949 9 \$ 50,938 4 4,070 6 124 9 256	12,599 82,78% 138,477 6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,963 \$ 53,919 \$ 4,293 119 259	138,26 6,268,85 10,95 \$ 277,02 \$ 2,06 \$ 56,10 \$ 4,45
IOTAL	Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	1,25: 12,52(12,52(137,60) 6,229,62: 10,98 \$ 252,64 \$ 1,83 \$ 44,89 \$ 3,58 10 233 \$ 6,65	5 1,25: 6 12,61: 9 138,38: 9 6,243,93: 6 10,97: 3 \$259,45: 6 \$ 1.87: 9 \$ 46,28: 5 \$ 3.67: 9 12: 0 25: 8 \$ 7,56	1,255 1, 12,218 80,279 7, 134,481 5, 6,062,607 4, 11,007 9, \$ 257,031 5, \$ 1,91; 5, \$ 46,351 6,000 7, \$ 3,794 7, 12; 6, 27,77	1,255 3 12,630 6 82,987 7 6,273,796 7 10,986 3 \$ 263,677 1 \$ 1,906 8 \$ 48,80 4 \$ 3,86 3 11 8 23 0 \$ 7,38	1,255 12,244 8 80.459 1 134,426 8 6,088,015 8 10.975 5 \$ 257,725 2 \$ 48,655 4 \$ 3.97 1 12: 9 \$ 9,43	1,255 12,516 6 82.019 137,570 6 6,223,850 10,991 5 \$268,099 9 \$50,938 4 \$ 4.070 0 124 0 256 1 \$ 8,530	12,599 82.78% 138,477 6,268,934 \$ 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 6 246 \$ 8,282	12,559 82,52% 137,878 6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 259 \$ 9,101	12,58 82.67 138,26 6,268,85 10,95 \$ 277,02 \$ 2.00 \$ 56,10 \$ 4.41 1 22 \$ 8,88

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ntityName		2008	2009	2010	2011	2012	2013	20
	Generation(GWh)	3,078	2,967	3,331	3,109	3,297	2,949	3,3
	Fuel used(GBtu)	34,196	32,943	37,077	34,632	36,191	31,803	35,70
	Coal(Tons)	1,486,778	1,432,318	1,612,064	1,505,741	1,573,503	1,382,755	1,552,45
				11,132	11.139	10.977	10.783	10.78
****	Heat Rate	11.111	11.104	· ·		After characteristics		Andreas and I was a select part
	Fuel cost(\$000)	\$ 53,345		\$ 47,682	\$ 44,606	\$ 54,906	\$ 56,292	\$ 63,5
	Fuel Cost per MMBTu	\$ 1.560	\$ 1.256	\$ 1.286	\$ 1.288	\$ 1.517	\$ 1.770	\$ 1.78
		and the state of t		Action and the second s		***********		
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						2010	2012	
itityName		2008		2010	2011	2012	2013	20
MPL 1	Generation(GWh)	1,210	1,123	1,203	1,038	1,214	1,142	1,2
	Fuel used(GBtu)	13,055	12,154	13,029	11,237	13,145	12,366	13,1
	Coal(Tons)	567,623	528,416	566,467	488,558	571,542	537,640	571,0
	Heat Rate	10.794	10.826	10.826	10.829	10.830	10.827	10.8
	the state of the s	and the same of th	\$ 19,203	\$ 22,605	\$ 19,530	\$ 22,899	\$ 21,764	\$ 23,2
	Fuel cost(\$000)			\$ 1.735	\$ 1.738	\$ 1.742	\$ 1.760	\$ 1.7
	Fuel Cost per MMBTu	\$ 1,580	\$ 1.580	\$ 1.735	\$ 1.730	\$ 1.742	\$ 1.700	⊋ 1./
tityName		2008	2009	2010	2011	2012	2013	. 2
MPL 2	Generation(GWh)	1,133	1,266	1,175	1,256	1,058	1,252	1,1
MLL			13,717		13,612	11,466	13,578	12.7
60 pt 1 mm - market of the S. T.	Fuel used(GBtu)	12,239		12,733				
	Coal(Tons)	532,145	596,388	553,629	591,814	498,514	590,358	556,3
	Heat Rate	10,807	10.839	10.839	10.841	10.842	10.841	10.8
	Fuel cost(\$000)	\$ 19,338	\$ 21,673	\$ 22,093	\$ 23,657	\$ 19,973	\$ 23,898	\$ 22,6
	Fuel Cost per MMBTu	\$ 1,580		\$ 1.735	\$ 1.738	\$ 1.742	\$ 1.760	\$ 1.7
	. no . no mining the							
tityName		2008		2010	2011	2012		2
oleman 1	Generation(GWh)	1,025	1,180	1,179	1,125	1,186	1,171	1,1
the party to the contract of t	Fuel used(GBtu)	10,988	12,730	12,713	12,145	12,808	12,641	12,2
	Coal(Tons)	477,745	553,497	552,724	528,025	556,854	549,607	532,€
-	Heat Rate	10.724		10.786	10.792	10,795	10.793	10.7
		(1997) - 1 Markey and Sales and Territories and Address of the Sales and	Arr		\$*****************************	\$ 23,604	\$ 23,512	\$ 23,0
day as been an experience of a subsection	Fuel cost(\$000)	\$ 18,889				4. · · · · · · · · · · · · · · · · · · ·	\$ 1.860	\$ 1.8
	Fuel Cost per MMBTu	\$ 1,719	\$ 1.797	\$ 1.830	\$ 1.837	\$ 1.843	3 1.000	3 1.C
ntityName	<u> </u>	2000	B 2009	2010	2011	2012	2013	2
	Conomiton/CW(b)	1,088		1,010	1,032	1,002	977	-
oleman 2	Generation(GWh)		and the same of th	12,161	12,429	12,087	11,787	11,7
	Fuel used(GBtu)	13,044						
	Coal(Tons)	567,147		528,734	540,374	525,513	512,497	510,0
	Heat Rate	11.986		12.039	12,039	12.065	12.061	12.0
	Fuel cost(\$000)	\$ 22,423	\$ 23,608	\$ 22,254	\$ 22,831	\$ 22,276	\$ 21,925	\$ 22,0
ener a construction	Fuel Cost per MMBTu	\$ 1.719	\$ 1.797	\$ 1.830	\$ 1.837	\$ 1.843	\$ 1.860	\$ 1.
					a to a gramma do to the gram after a size			
			2000	2017	324	2012	2013	-
ntityName	<u> </u>	200						1,
Coleman 3	Generation(GWh)	1,233		1,207	1,214	1,001	1,220	
	Fuel used(GBtu)	13,286	12,261	13,062	13,146	10,840	13,210	13,
	Coal(Tons)	577,639	533,095	567,914	571,572	471,316	574,365	566,
The part assessment of the commentered	Heat Rate	10.776		10,823	10.828	10.827	10.829	10.
The part of decisions of the print of the party of the pa						\$ 19,979		\$ 24,
	Fuel cost(\$000)			\$ 23,904 \$ 1.830		\$ 1.843		\$ 1.
	Fuel Cost per MMBTu	\$ 1.719	\$ 1.797	\$ 1.030	\$ 1.001	1 \$ 1.01J	1.000	1
~								
EntityName		200	8 2009	201	2011	201	2 2013	
Reid ST	Generation(GWh)	94		3	68	1	18	
Keiu Si	Fuel used(GBtu)	1,268					245	1
· · · · · · · · · · · · · · · · · · ·		54,59		·			 	1
****	Coal(Tons)					#DIV/0!	13.561	13.
of an entrance of terms of from the	Heat Rate	13,485						
	Fuel cost(\$000)	\$ 2,550					\$ 2,083	\$ 2,
	Fuel Cost per MMBTu	\$ 2.01	1 \$ 8.371	\$ 7.920	\$ 8.127	#DIV/0!	\$ 8.460	\$ 7.
								
Castle At-		200	8 200	9 201	0 201:	201	2 2013	
EntityName	Constitution (CMI)		2 3	~~				-
Reid GT	Generation(GWh)							
	Fuel used(GBtu)	2	T-				+	
and the second second second	Coal(Tons)			+	 		+	+
	Heat Rate	12.28						
	Fuel cost(\$000)	\$ 19						
	Fuel Cost per MMBTu	\$ 8.05	8 \$ 8.180	\$ 7.996	\$ 7.719	\$ 7.472	\$ 7.289	\$ 7
to become supported to the board of	and the street to the same and the street street street and the street s					Ar bearing species of a birth		 -
F. 19. 32			08 200	9 201	0 201	1 201	2 201	<u> </u>
EntityName	Conveyion (CMb)	201						
Green 1	Generation(GWh)	1,84		1,//				
	Fuel used(GBtu)	20,67						
	Coal(Tons)	1,033,90	0 1,089,099					
		11.19			10,999	10.999	11.000	10
	Heat Rate							
	Heat Rate Fuel cost(\$000)				2 \$ 36.792	\$ 34,786	\$ 35,774	\$ 32
	Fuel cost (\$000) Fuel Cost per MMBTu	\$ 23,65 \$ 1.14	6 \$ 29,122	\$ 34,07				

Fuel Report annual output - 12-15-07.xls.xls

								- Julius 1111 - 41
EntityName		2008	2009	2010	2011	2012	2013	201
	C	1,801	1,699	1,835	1,493	1,799	1,722	1,85
Green 2	Generation(GWh)	20,376	19,219	20,412	16,623	20,021	19,158	20,63
	Fuel used(GBtu)		960,938	1,020,600	831,162	1,001,044	957,912	1,031,48
	Coal(Tons)	1,018,807			11.131	11.126	11,124	11.12
	Heat Rate	11.312	11.313	11.124			\$ 33,719	\$ 36,72
**************************************	Fuel cost(\$000)	\$ 23,310	\$ 25,696	\$ 35,558	\$ 29,091	\$ 35,037		\$ 1.78
	Fuel Cost per MMBTu	\$ 1.144	\$ 1.337	\$ 1.742	\$ 1.750	\$ 1.750	\$ 1.760	\$ 1.70
		2006	2009	2010	2011	2012	2013	20
		12,511	12,431	12,726	12,253	12,373	12,308	12,53
Total	Generation(GWh)	139,155	138,288	140,838	135,843	136,531	135,205	137,68
	Fuei used(GBtu)		6,264,968	6,380,079	6,108,432	6,192,167	6,121,438	6,220,12
	Coal(Tons)	6,316,380				11.035	10.985	10.98
	Heat Rate	11.123	11.124	11.067	11.086			\$ 250,75
	Fuel cost(\$000)	\$ 207,173	\$ 208,460	\$ 232,159	\$ 231,033	\$ 234,177	\$ 244,181	
	Fuel Cost per MMBTu	\$ 1,489	\$ 1.507	\$ 1.648	\$ 1.701	\$ 1.715	\$ 1.806	\$ 1.83

Fuel Report annual output - 12-15-07.xls.xls

ntityName				00.00		2010	2020		2022	
		2015	2016	2017	2018	2019	2020	2021	2022	20
B Wilson 1	Generation(GWh)	3,196	3,380	2,904	3,380	3,201	3,369	3,216	3,371	3,19
	Fuel used(GBtu)	34,462	36,462	31,331	36,453	34,522	36,345	34,680	36,369	34,41
	Coal(Tons)	1,498,330	1,585,323	1,362,214	1,584,903	1,500,956	1,580,228	1,507,807	1,581,258	1,496,09
	Heat Rate	10.782	10.787	10.789	10.785	10.783	10.787	10.783	10.788	10.78
				*****		\$ 65,247	\$ 69,419			\$ 67,78
.,	Fuel cost(\$000)						\$ 1.910			\$ 1.97
	Fuel Cost per MMBTu	\$ 1.800	\$ 1.830	\$ 1.840	\$ 1.860	\$ 1.890	\$ 1.910	\$ 1.930	\$ 1,950	\$ 1.97
								. 1		
		2015	2016	2017	2018	2019	2020	2021	2022	20
ntityName										
MPL 1	Generation(GWh)	1,122	1,197	1,119	1,226	1,051	1,116	1,160	1,224	1,17
	Fuel used(GBtu)	12,154	12,965	12,121	13,280	11,385	12,083	12,561	13,259	12,15
	Coal(Tons)	528,451	563,708	526,978	577,413	494,991	525,352	546,119	576,469	528,2
		10.829	10.830	10.830	10.829	10,830	10.827	10,829	10,832	10.8
	Heat Rate		···							~~~~
a Laureton Anton a W. Pressen	Fuel cost(\$000)	\$ 21,756	\$ 23,467	\$ 22,180	\$ 24,569	\$ 21,403	\$ 22,958			
	Fuel Cost per MMBTu	\$ 1.790	\$ 1.810	\$ 1.830	\$ 1.850	\$ 1.880	\$ 1.900	\$ 1.910	\$ 1.940	\$ 1.9
		20.45	5544	2017	2010	2010	2020	2021	2022	20
ntityName	1 ·	2015	2016	2017	2018	2019	2020	2021		
MPL 2	Generation(GWh)	1,261	1,173	1,245	1,149	1,222	1,047	1,254	1,190	1,2
	Fuel used(GBtu)	13,672	12,718	13,504	12,460	13,251	11,352	13,590	12,903	13,2
						576,110	493,562	590,873	561,020	577,0
arte a colonia de mante e del deseguaran.	Coal(Tons)	594,438	552,977	587,112	541,755					
	Heat Rate	10.844	10.840	10,842	10.841	10.839	10.840	10.841	10.841	10.8
	Fuel cost(\$000)	\$ 24,473	\$ 23,020	\$ 24,712	\$ 23,052	\$ 24,911	\$ 21,569	\$ 25,957	\$ 25,033	\$ 26,0
	Fuel Cost per MMBTu	\$ 1.790	\$ 1.810	\$ 1.830	\$ 1.850	\$ 1.880	\$ 1.900	\$ 1.910	\$ 1,940	\$ 1.9
	Frace Coat per meral III	4 1.730	7 41010	1,000	1 21000	+	-1-57			
	L		L		ļ	4	ļ	ļ		
*** #**	1	L	1	1	L			<u> </u>		
ntityName	1	2015	2016	2017	2018	2019	2020	2021	2022	2
	Grandfor (CVIII)		1,194	1,019	1,173	1,192	1,132	1,194	1,193	1,.
oleman 1	Generation(GWh)	1,200								
	Fuel used(GBtu)	12,954	12,885	10,991	12,664	12,867	12,215	12,890	12,876	11,
	Coal(Tons)	563,227	560,225	477,869	550,594	559,433	531,073	560,456	559,834	521,
	Heat Rate	10,792	10.793	10,791	10.792	10.793	10.793	10.793	10.792	10.
	Fuel cost(\$000)	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			\$ 24,947	\$ 25,605	\$ 24,551	\$ 26,168	\$ 26,525	\$ 24,9
nga ya ya sa shehemme teks s s ma		and the state of t							\$ 2,060	
	Fuel Cost per MMBTu	\$ 1.900	\$ 1.920	\$ 1.940	\$ 1.970	\$ 1.990	\$ 2.010	\$ 2.030	\$ 2,000	\$ 2,0
							l			
- Alba Alama		2015	2016	2017	2018	2019	2020	2021	2022) 2
ntityName	<u> </u>							Z	984	1,0
Coleman 2	Generation(GWh)	1,055	855	1,078	1,073	971	1,048	1,061		
	Fuel used(GBtu)	12,712	10,315	12,996	12,949	11,721	12,649	12,798	11,874	12,
mindresser many I did no selection compliques the	Coal(Tons)	552,681	448,467	565,037	563,013	509,607	549,971	556,417	516,252	564,
	I more () Assay	,	107.07	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
	Milant Data	43 NFA	12 050					12.064	12 066	12
	Heat Rate	12.054	12,058	12.053	12.064	12.075	12.070	12.064	12.066	
	Fuel cost(\$000)	\$ 24,152	\$ 19,804	\$ 25,212	12.064 \$ 25,510	12.075 \$ 23,325	12.070 \$ 25,425	\$ 25,979	\$ 24,460	\$ 27,
			\$ 19,804	\$ 25,212	12.064	12.075	12.070			\$ 27, \$ 27,
	Fuel cost(\$000)	\$ 24,152	\$ 19,804	\$ 25,212	12.064 \$ 25,510	12.075 \$ 23,325	12.070 \$ 25,425	\$ 25,979	\$ 24,460	\$ 27,
	Fuel cost(\$000)	\$ 24,152	\$ 19,804	\$ 25,212	12.064 \$ 25,510	12.075 \$ 23,325	12.070 \$ 25,425	\$ 25,979	\$ 24,460	\$ 27,
	Fuel cost(\$000)	\$ 24,152 \$ 1.900	\$ 19,804 \$ 1.920	12.053 \$ 25,212 \$ 1.940	12.064 \$ 25,510 \$ 1.970	12.075 \$ 23,325 \$ 1.990	12.070 \$ 25,425 \$ 2.010	\$ 25,979 \$ 2.030	\$ 24,460 \$ 2.060	\$ 27, \$ 2,
	Fuel cost (\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900	\$ 19,804 \$ 1.920	\$ 25,212 \$ 1.940	12.064 \$ 25,510 \$ 1.970	12.075 \$ 23,325 \$ 1.990	12.070 \$ 25,425 \$ 2.010	\$ 25,979 \$ 2.030 2021	\$ 24,460 \$ 2.060 2022	\$ 27, \$ 2,
	Fuel cost(\$000)	\$ 24,152 \$ 1.900	\$ 19,804 \$ 1.920	\$ 25,212 \$ 1.940 \$ 2012 \$ 1,205	12.064 \$ 25,510 \$ 1.970 2018 1,124	12.075 \$ 23,325 \$ 1.990 3 2019	12.070 \$ 25,425 \$ 2.010 2020 1,201	\$ 25,979 \$ 2.030 \$ 2021 1,041	\$ 24,460 \$ 2.060 2022 1,220	\$ 27, \$ 2.
	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh)	\$ 24,152 \$ 1.900 201! 1,097	\$ 19,804 \$ 1.920 5 2016 1,203	\$ 25,212 \$ 1.940 \$ 2012 \$ 1,205	12.064 \$ 25,510 \$ 1.970 2018 1,124	12.075 \$ 23,325 \$ 1.990	12.070 \$ 25,425 \$ 2.010	\$ 25,979 \$ 2.030 2021	\$ 24,460 \$ 2.060 2022	\$ 27, \$ 2.
	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu)	\$ 24,152 \$ 1.900 201: 1,097 11,879	\$ 19,804 \$ 1.920 5 2016 1,203 13,025	12.053 \$ 25,212 \$ 1.940 5 2015 1,205 13,047	12.064 \$ 25,510 \$ 1.970 7 2018 1,124 12,164	12.075 \$ 23,325 \$ 1.990 2019 1,166 12,618	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002	\$ 25,979 \$ 2.030 2021 1,041 11,276	\$ 24,460 \$ 2.060 2022 1,220 13,210	\$ 27, \$ 2.
	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons)	\$ 24,152 \$ 1.900 201: 1,097 11,879 516,467	\$ 19,804 \$ 1.920 5 2016 1,203 13,025 566,303	12.053 \$ 25,212 \$ 1.940 1.205 1,205 13,047 567,248	12.064 \$ 25,510 \$ 1.970 7 2018 1,124 12,164 528,854	12.075 \$ 23,325 \$ 1.990 3 2015 1,166 12,618 548,602	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,256	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347	\$ 27, \$ 2. 1, 13, 570,
	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate	\$ 24,152 \$ 1.900 201: 1,097 11,879 516,467 10.826	\$ 19,804 \$ 1.920 5 2016 1,203 13,025 566,303 10.825	12.053 \$ 25,212 \$ 1.940 2017 1,205 13,047 567,248 10.826	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 528,854 10.826	12.075 \$ 23,325 \$ 1.990 \$ 1,166 12,618 548,602 10.826	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 555,287 10.825	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827	\$ 27, \$ 2. 1, 13, 570, 10.
	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate	\$ 24,152 \$ 1.900 201: 1,097 11,879 516,467	\$ 19,804 \$ 1.920 5 2016 1,203 13,025 566,303 10.825	12.053 \$ 25,212 \$ 1.940 2017 1,205 13,047 567,248 10.826	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 528,854 10.826	12.075 \$ 23,325 \$ 1.990 \$ 1,166 12,618 548,602 10.826	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287 10.825 \$ 26,133	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891	\$ 24,460 \$ 2.060 \$ 2022 1,220 13,210 574,347 10.827 \$ 27,213	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27,
EntityName Coleman 3	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1.900 201: 1,097 11,879 516,467 10.826	\$ 19,804 \$ 1.920 2016 1,203 13,025 566,303 10.825 \$ 25,008	12.053 \$ 25,212 \$ 1.940 1,205 1,205 13,047 567,248 10.826 \$ 25,311	12.064 \$ 25,510 \$ 1.970 7 2018 1,124 12,164 528,854 10.826 \$ 23,962	12.075 \$ 23,325 \$ 1.990 3 2015 1,166 12,618 548,602 10.826 \$ 25,110	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 555,287 10.825	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27,
	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate	\$ 24,152 \$ 1,900 201! 1,097 11,879 516,467 10.826 \$ 22,570	\$ 19,804 \$ 1.920 2016 1,203 13,025 566,303 10.825 \$ 25,008	12.053 \$ 25,212 \$ 1.940 1,205 1,205 13,047 567,248 10.826 \$ 25,311	12.064 \$ 25,510 \$ 1.970 7 2018 1,124 12,164 528,854 10.826 \$ 23,962	12.075 \$ 23,325 \$ 1.990 3 2015 1,166 12,618 548,602 10.826 \$ 25,110	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287 10.825 \$ 26,133	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891	\$ 24,460 \$ 2.060 \$ 2022 1,220 13,210 574,347 10.827 \$ 27,213	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27,
	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1,900 201! 1,097 11,879 516,467 10.826 \$ 22,570	\$ 19,804 \$ 1.920 2016 1,203 13,025 566,303 10.825 \$ 25,008	12.053 \$ 25,212 \$ 1.940 1,205 1,205 13,047 567,248 10.826 \$ 25,311	12.064 \$ 25,510 \$ 1.970 7 2018 1,124 12,164 528,854 10.826 \$ 23,962	12.075 \$ 23,325 \$ 1.990 3 2015 1,166 12,618 548,602 10.826 \$ 25,110	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287 10.825 \$ 26,133	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891	\$ 24,460 \$ 2.060 \$ 2022 1,220 13,210 574,347 10.827 \$ 27,213	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27,
Coleman 3	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1,900 201 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900	\$ 19,804 \$ 1,920 6 2016 1,203 13,025 566,303 10.825 \$ 25,008 \$ 1,920	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940	12.064 \$ 25,510 \$ 1,970 2016 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1,970	12.075 \$ 23,325 \$ 1,990 2015 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1,990	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287 10.825 \$ 26,133 \$ 2.010	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060	\$ 27, \$ 2.3 1, 13, 570, 10, \$ 27, \$ 2.
Coleman 3	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1,900 201! 1,097 11,879 516,467 10.826 \$ 22,570	\$ 19,804 \$ 1,920 6 2016 1,203 13,025 566,303 10.825 \$ 25,008 \$ 1,920	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940	12.064 \$ 25,510 \$ 1,970 2016 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1,970	12.075 \$ 23,325 \$ 1,990 2015 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1,990	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030	\$ 24,460 \$ 2.060 \$ 2022 1,220 13,210 574,347 10.827 \$ 27,213	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27, \$ 2.
Coleman 3 EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 201: 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 5 201 6 201	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1.970 7 2016	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287 10.825 \$ 26,133 \$ 2.010	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27, \$ 2.
Coleman 3 EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh)	\$ 24,152 \$ 1,900 201: 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 5 201 6 201	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1.970 7 2016	12.075 \$ 23,325 \$ 1.990 2015 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2015	12.070 \$ 25,425 \$ 2.010 1,201 13,002 565,287 10.825 \$ 26,133 \$ 2.010 2020 19	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27, \$ 2.
Coleman 3	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu)	\$ 24,152 \$ 1,900 201: 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920	12.053 \$ 25,212 \$ 1.940 201: 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 5 201: 62	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1.970 7 2016 11 154	12.075 \$ 23,325 \$ 1.990 2015 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2015	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287 10.825 \$ 26,133 \$ 2.010 2020 19 2021	\$ 25,979 \$ 2.030 \$ 2021 1,041 11,276 490,266 6 10,829 \$ 22,891 \$ 2.030 \$ 2021 18 242	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27, \$ 2.
Coleman 3 EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh)	\$ 24,152 \$ 1,900 201: 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201: 12 159	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10.825 \$ 25,008 \$ 1,920 5 2016 42 573	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 6 201 6 201	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1.970 7 2018 111 154	12.075 \$ 23,325 \$ 1.990 2015 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2019	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 2020	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022	\$ 27, \$ 2.
Coleman 3	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu)	\$ 24,152 \$ 1,900 201: 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10.825 \$ 25,008 \$ 1,920 5 2016 42 573	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548	12.064 \$ 25,510 \$ 1,970 2016 1,124 12,164 10,826 \$ 23,962 \$ 1,970 7 2016 11 154 13.563	12.075 \$ 23,325 \$ 1.990 2015 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2019	12.070 \$ 25,425 \$ 2.010 2020 1,201 13,002 565,287 10.825 \$ 26,133 \$ 2.010 2020 19 2021	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 13.559	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060	\$ 27, \$ 2. 1, 13, 570, 10, \$ 27, \$ 2.
Coleman 3 EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate	\$ 24,152 \$ 1,900 201! 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 42 573 13,557	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548	12.064 \$ 25,510 \$ 1,970 2016 1,124 12,164 10,826 \$ 23,962 \$ 1,970 7 2016 11 154 13.563	12.075 \$ 23,325 \$ 1.990 3 2015 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2016 	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2026 19 254 13,548	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 2,030 0 2021 18 242 	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022	\$ 27, \$ 2.4
Coleman 3 EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213	\$ 19,804 \$ 1,920 1,203 13,025 566,033 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 13,557 \$ 4,340	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 10,826 \$ 23,962 \$ 1,970 7 2018 11 154 13,563 \$ 1,350	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 6 2019 	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 13,559 \$ 2,221	\$ 24,460 \$ 2.060 1,220 13,210 574,347 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, 10, \$ 27, \$ 2. #DIV
Coleman 3 EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate	\$ 24,152 \$ 1,900 201! 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159	\$ 19,804 \$ 1,920 1,203 13,025 566,333 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 13,557 \$ 4,340	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936	12.064 \$ 25,510 \$ 1,970 2016 1,124 12,164 10,826 \$ 23,962 \$ 1,970 7 2016 11 154 13,563 \$ 1,350	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 6 2019 	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2026 19 254 13,548	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 13,559 \$ 2,221	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, 10, \$ 27, \$ 2.
Coleman 3	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213	\$ 19,804 \$ 1,920 1,203 13,025 566,033 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 13,557 \$ 4,340	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 10,826 \$ 23,962 \$ 1,970 7 2018 11 154 13,563 \$ 1,350	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 6 2019 	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 13,559 \$ 2,221	\$ 24,460 \$ 2.060 1,220 13,210 574,347 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, 10, \$ 27, \$ 2. #DIV
Coleman 3	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213	\$ 19,804 \$ 1,920 1,203 13,025 566,033 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 13,557 \$ 4,340	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297	12.064 \$ 25,510 \$ 1.970 7 2016 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1.970 7 2016 11 154 13.563 \$ 1,350 \$ 8.750	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2019 	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2021 19 2054 13,548 \$ 2,041 \$ 8,040	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 - 13,559 \$ 2,221 \$ 9,180	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27, \$ 2. #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10.825 \$ 25,008 \$ 1,920 5 2016 42 573 13,557 \$ 4,340 \$ 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297	12.064 \$ 25,510 \$ 1.970 7 2016 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1.970 7 2016 11 154 13.563 \$ 1,350 \$ 8.750	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2019 	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2021 19 2054 13,548 \$ 2,041 \$ 8,040	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 - 13,559 \$ 2,221 \$ 9,180	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 #DIV/0! \$ - #DIV/0!	\$ 27, \$ 2. 1, 13, 570, 10. \$ 27, \$ 2. #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 42 573 13,557 \$ 4,340 \$ 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 63 \$ 6,936 \$ 8.297	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 7 2011 11 154 13.563 \$ 1,350 \$ 8.750	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$ - #DIV/01	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2024 19 254 13,548 \$ 2,041 \$ 8,040	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 2,2891 \$ 2.030 2021 18 242 	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, 10, \$ 27, \$ 2. #DIV \$ #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh)	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620	\$ 19,804 \$ 1,920 1,203 13,025 566,33 10,825 \$ 25,008 \$ 1,920 5 2016 42 5 37 13,557 \$ 4,340 \$ 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297 6 201	12.064 \$ 25,510 \$ 1,970 2018 1,124 12,164 10,826 \$ 23,962 \$ 1,970 7 2018 11 154 13,563 \$ 1,350 \$ 8,750 7 2018	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$ - #DIV/0! \$ - #DIV/0! \$ 8 2019	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041 \$ 8,040 9 2020 9 2020	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 - 13,559 \$ 2,221 \$ 9,180 0 2021	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2. #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 42 5 2016 42 7,569 \$ 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10,826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297 6 201	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1,970 11 154 	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 8 2019 #DIV/01 \$ - #DIV/01 \$ 97	12.070 \$ 25,425 \$ 2.010 1,201 13,002 565,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 - 13,559 \$ 2,221 \$ 9,180 0 2021	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2. #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620	\$ 19,804 \$ 1,920 1,203 13,025 566,33 10,825 \$ 25,008 \$ 1,920 5 2016 42 5 37 13,557 \$ 4,340 \$ 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297 6 201	12.064 \$ 25,510 \$ 1,970 2018 1,124 12,164 10,826 \$ 23,962 \$ 1,970 7 2018 11 154 13,563 \$ 1,350 \$ 8,750 7 2018	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$ - #DIV/0! \$ - #DIV/0! \$ 8 2019	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041 \$ 8,040 9 2020 9 2020	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 - 13,559 \$ 2,221 \$ 9,180 0 2021	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 #DIV/0! \$ - #DIV/0! 2022 9 107	\$ 27, \$ 2. 1, 13, 570, \$ 10. \$ 27, \$ 2. #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 5 2016 42 5 73 13,557 \$ 4,340 \$ 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 6 201 6 201 6 8.297 6 201 6 8.297	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 7 2011 11 154 13.563 \$ 1,350 \$ 8.750 7 201	12.075 \$ 23,325 \$ 1.990 1.166 12.618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2021 19 254 254 254 254 254 254 254 254	\$ 25,979 \$ 2.030 1,041 11,276 490,266 9 22,891 \$ 2.030 0 2021 18 242 13.559 \$ 2,221 \$ 9.180 0 2021	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 #DIV/0! \$ - #DIV/0! 2022 9 107	\$ 27, \$ 2. 1, 13, 570, \$ 10. \$ 2. #DIV \$ #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel cost(\$000) Fuel cost(\$000) Fuel used(GBtu) Goal(Tons) Heat Rate Fuel cost(\$000) Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 12 159 13,557 \$ 1,213 \$ 7,620 201 8	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 42 573 13,557 \$ 4,340 \$ 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 63 13,548 \$ 6,936 \$ 8,297 64 11,824	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1,350 \$ 8.750 7 2011 9 9 10.95	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$ -	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2024 19 254 \$ 2,041 \$ 8,040 9 2024 9 102 11,883	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 188 242 	\$ 24,460 \$ 2.060 2022 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 #DIV/0! \$ - #DIV/0! \$ - #DIV/0!	\$ 27, \$ 2. 1, 13, 570, 10. \$ 22 #DIV \$ #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620 201 6 97 	\$ 19,804 \$ 1,920 1,203 13,025 566,333 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 \$ 4,340 \$ 7,569 5 2016 \$ 11,863 \$ 757	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10,826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297 6 201 11,344 11,824	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$ - #DIV/0! \$ 97 11.732 \$ 748	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041 \$ 8,040 9 202 9 102 11,863 \$ 824	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2. #DIV \$ #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel cost(\$000) Fuel cost(\$000) Fuel used(GBtu) Goal(Tons) Heat Rate Fuel cost(\$000) Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 12 159 13,557 \$ 1,213 \$ 7,620 201 8	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 \$ 4,340 \$ 7,569 5 2016 \$ 11,863 \$ 757	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10,826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297 6 201 11,344 11,824	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$ -	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041 \$ 8,040 9 202 9 102 11,863 \$ 824	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 13.559 \$ 2,221 \$ 9.180 9 101 11.621 \$ 835	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2 #DIV \$ #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620 201 6 97 	\$ 19,804 \$ 1,920 1,203 13,025 566,333 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 \$ 4,340 \$ 7,569 5 2016 \$ 11,863 \$ 757	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10,826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297 6 201 11,344 11,824	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$ - #DIV/0! \$ 97 11.732 \$ 748	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041 \$ 8,040 9 202 9 102 11,863 \$ 824	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2. #DIV \$ #DIV
EntityName Reid ST	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620 201 6 97 	\$ 19,804 \$ 1,920 1,203 13,025 566,333 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 \$ 4,340 \$ 7,569 5 2016 \$ 11,863 \$ 757	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10,826 \$ 25,311 \$ 1.940 62 836 13,548 \$ 6,936 \$ 8,297 6 201 11,344 11,824	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$ - #DIV/0! \$ 97 11.732 \$ 748	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041 \$ 8,040 9 202 9 102 11,863 \$ 824	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2 #DIV \$ #DIV
EntityName Reid ST EntityName Reid GT	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620 201 6 97 9 97 9 97 11,726 \$ 697 \$ 7,206	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 5 2016 42 5 7,369 \$ 1,357 \$ 4,340 \$ 7,569 5 2016 6 11,863 7 104 7 104 8 7,569	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 \$ 6,936 \$ 8,297 6 201 11,1348 13,548 \$ 6,936 \$ 8,297 6 201 11,1348 11,205	12.064 \$ 25,510 \$ 1.970 1,124 12,164 528,854 10.826 \$ 23,962 \$ 1.970 11 154	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$ - #DIV/0! \$ - #DIV/0! 8 2019 8 2019 8 97 11.732 \$ 748	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2024 19 255 2041 \$ 8,040 9 2024 9 102 11.883 \$ 8,246 \$ 8,046	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 0 2021 18 242 13.559 \$ 2,221 \$ 9.180 0 2021 \$ 9.180 101 101 101 11.621 \$ 8.35 \$ 8.282	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 #DIV/0! \$ - #DIV/0! 2023 9 107 11.721 \$ 8,97 \$ 8,422	#DIV #DIV # 11 13, 570, 120 \$ 22 #DIV # DIV \$ #DIV
EntityName Reid ST EntityName Reid GT	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620 201 6 97 	\$ 19,804 \$ 1,920 1,203 13,025 \$ 566,303 10,825 \$ 25,008 \$ 1,920 42 573 13,557 \$ 4,340 \$ 7,569 5 201 6 9 7 11,863 7 \$ 7,287 6 \$ 7,287	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 \$ 6,936 \$ 8.297 6 201 11,3548 \$ 6,936 \$ 8.297 6 201 11,3548 \$ 7,435	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1,350 \$ 8.750 10.99 10.99 11.951 11.951 11.951 11.951 11.951	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2024 19 254 \$ 2,041 \$ 8,040 2024 11.863 \$ 2,041 \$ 8,040 11.863 \$ 8,046	\$ 25,979 \$ 2,030 \$ 2,030 \$ 2,041 \$ 11,276 \$ 490,266 \$ 22,891 \$ 2,030 \$ 2021 \$ 18 242 \$ 242 \$ 13,559 \$ 2,221 \$ 9,180 \$ 101 \$ 9 101 \$ 11,621 \$ 835 \$ 8,282	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2 #DIV \$ #DIV
EntityName Reid ST EntityName Reid GT	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost (\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost (\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159 13,557 \$ 1,213 \$ 7,620 201 8 97 11,726 \$ 697 \$ 7,206	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 42 573 13,557 \$ 4,340 \$ 7,569 5 201 11,863 7 \$ 7,57	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 836 \$ 6,936 \$ 8.297 6 201 11,3548 \$ 6,936 \$ 8.297 6 201 11,3548 \$ 7,435	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1,350 \$ 8.750 10.99 11.951 11.951 11.951 11.951 11.951	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2024 19 254 \$ 2,041 \$ 8,040 2024 11.863 \$ 2,041 \$ 8,040 11.863 \$ 8,046	\$ 25,979 \$ 2,030 \$ 2,030 \$ 1,041 11,276 499,266 10,829 \$ 22,891 \$ 2,030 \$ 2021 18 242 \$ 242 \$ 9,180 \$ 9,180 \$ 11,621 \$ 835 \$ 8,282	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, 10, \$ 27, \$ 2 #DIV \$ #DIV
EntityName Reid ST EntityName Reid GT	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 21,213 \$ 7,620 201 201 201 8 97 7,7,620 201 201 201 201 201 201 201 201 201 2	\$ 19,804 \$ 1,920 1,203 13,025 566,530 10,825 \$ 25,008 \$ 1,920 5 2016 1,257 \$ 4,340 \$ 7,569 5 2016 6 11,863 6 \$ 757 6 \$ 7,287 5 \$ 7,287	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10,826 \$ 25,311 \$ 1.940 6 201 62 836 \$ 6,936 \$ 8,297 6 201 11,344 \$ 6,936 \$ 7,435 \$ 7,435 \$ 7,435	12.064 \$ 25,510 \$ 1.970 1.124 12,164 10.826 \$ 23,962 \$ 1.970 1.154 1.154 1.154 1.154 1.154 1.154 1.15563 \$ 1,350 \$ 8,750 1.11 1.154 1.15563 \$ 1,350 \$ 1,7562	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 13,548 \$ 2,041 \$ 8,040 11,863 \$ 2,041 \$ 8,040 11,863 \$ 8,040 9 202 11,863 \$ 8,046	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10.829 \$ 22,891 \$ 2.030 2021 18 242 - - 13,559 \$ 2,221 \$ 9,180 0 2021 \$ 9 101 - - - - - - - - - - - - - - - - - -	\$ 24,460 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2. #DIV \$ #DIV 2, \$ 3, 8 8
EntityName Reid ST EntityName Reid GT EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 21,213 \$ 7,620 201 201 8 97 11,728 \$ 697 \$ 7,206	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 5 4,340 \$ 7,569 5 2016 6 9 7 11,869 7 573 7 573 8 7,287 8 7,287	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 6 201 6 201 13,548 \$ 6,936 \$ 8,297 6 201 11,205 13,047 14,040 14,040 16,040 17,040 17,040 18,040 19,040 10,040 11,040 1	12.064 \$ 25,510 \$ 1.970 2018 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1,350 \$ 8.750 7 201 19 104 11.951 5 788 5 7.562	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$ -	12.070 \$ 25,425 \$ 2.010 13,002 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254	\$ 25,979 \$ 2.030 \$ 2.030 \$ 2.031 \$ 11,276 \$ 490,266 \$ 10,829 \$ 22,891 \$ 2.030 \$ 2021 \$ 18 \$ 242 \$ 242 \$ 9.180 \$ 9.180 \$ 9.180 \$ 11,621 \$ 9.180 \$ 11,621 \$ 835 \$ 8.282 \$ 2,025 \$ 2,221 \$ 9.180	\$ 24,460 \$ 2.060 \$ 2.060 1,220 13,210 574,347 10.827 \$ 27,213 \$ 2.060 2022 	\$ 27, \$ 2. 1, 13, 570, 100, \$ 27, \$ 2. #DIV \$ #DIV 22, \$ 8
EntityName Reid ST EntityName Reid GT EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10.826 \$ 22,570 \$ 1,900 201 12 159 21,213 \$ 7,620 201 201 201 8 97 7,7,620 201 201 201 201 201 201 201 201 201 2	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 5 4,340 \$ 7,569 5 2016 6 9 7 104 7 573 7 5 7,287 8 11,863 7 5 7,287 8 17,287 8 17,287	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 6 201 6 201 6 201 11.824 \$ 6,936 \$ 8.297 6 201 11.824 \$ 993 \$ 7.435	12.064 \$ 25,510 \$ 1.970 1,124 12,164 12,864 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1,350 \$ 8.750 7 2011 9 104 11.951 \$ 788 1 \$ 7.562	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$	12.070 \$ 25,425 \$ 2.010 1,201 1,3001 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2021 19 2021 19 204 19 205 11,803 \$ 8,040 11,863 \$ 8,246 \$ 8,046 11,863 \$ 8,046	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 490,266 5 22,891 \$ 2.030 2021 18 242 - 13.559 \$ 2,221 \$ 9.180 9 101 - 11.621 \$ 835 \$ 8.282 1,915 2,1073 1,053,632	\$ 24,460 \$ 2,060 \$ 2,060 1,220 13,210 574,347 10,827 \$ 27,213 \$ 2,060 2022 	#DIV #DIV #DIV 11 #DIV # 21 # 11 # 21 1 1,050
EntityName Reid ST EntityName Reid GT EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159 1,213 \$ 7,620 201 1,726 \$ 7,206 21,414 1,070,914	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 5 2016 42 573 5 4,340 \$ 7,569 5 2016 6 9 7 104 7 573 7 5 7,287 8 11,863 7 5 7,287 8 17,287 8 17,287	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 6 201 6 201 6 201 11.824 \$ 6,936 \$ 8.297 6 201 11.824 \$ 993 \$ 7.435	12.064 \$ 25,510 \$ 1.970 1,124 12,164 12,864 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1,350 \$ 8.750 7 2011 9 104 11.951 \$ 788 1 \$ 7.562	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$	12.070 \$ 25,425 \$ 2.010 1,201 1,3001 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2021 19 2021 19 204 19 205 11,803 \$ 8,040 11,863 \$ 8,246 \$ 8,046 11,863 \$ 8,046	\$ 25,979 \$ 2.030 2021 1,041 11,276 490,266 490,266 5 22,891 \$ 2.030 2021 18 242 - 13.559 \$ 2,221 \$ 9.180 9 101 - 11.621 \$ 835 \$ 8.282 1,915 2,1073 1,053,632	\$ 24,460 \$ 2,060 \$ 2,060 1,220 13,210 574,347 10,827 \$ 27,213 \$ 2,060 2022 	#DIV #DIV #DIV 11 #DIV # 21 # 11 # 21 1 1,050
EntityName Reid ST EntityName Reid GT EntityName	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159 201 13,557 \$ 1,213 \$ 7,620 201 201 201 201 201 201 201 201 201 2	\$ 19,804 \$ 1,920 1,203 13,025 \$ 566,303 10,825 \$ 25,008 \$ 1,920 4 42 573 13,557 \$ 4,340 \$ 7,569 5 201 6 11,863 7 \$ 7,57 8 7,287 6 1,746 8 19,205 6 1,746 8 19,205 6 1,746 8 19,205 6 1,746 8 19,005 6 19,005	12.053 \$ 25,212 \$ 1.940 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 62 13,548 \$ 6,936 \$ 8.297 6 201 11,205 6 201 11,205 6 201 11,205 13,047 13,047 13,047 14,035 14,035 15,036 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005 11,005	12.064 \$ 25,510 \$ 1.970 1,124 12,164 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1.350 \$ 8.750 7 2011 9 9 10,45 11,919 17,745 19,197 7 959,856 2 11.000	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/01 \$	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2026 19 254 13,548 \$ 2,041 \$ 8,040 2026 9 100 2026 9 111.883 \$ 824 \$ 8,046	\$ 25,979 \$ 2,030 \$ 2,030 \$ 2,041 \$ 11,276 \$ 490,266 \$ 22,891 \$ 2,030 \$ 2021 \$ 18 242 \$ 242 \$ 9,180 \$ 2,221 \$ 9,180 \$ 11.621 \$ 835 \$ 8,282 \$ 2,291 \$ 11.621 \$ 8,35 \$ 1,053,632 \$ 1,1053,632 \$ 1,1053,632	\$ 24,460 \$ 2,060 1,220 1,220 13,210 574,347 10,827 \$ 27,213 \$ 2,060 2022 	#DIV # 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
EntityName Reid ST EntityName Reid GT	Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu Generation(GWh) Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	\$ 24,152 \$ 1,900 1,097 11,879 516,467 10,826 \$ 22,570 \$ 1,900 201 12 159 1,213 \$ 7,620 201 1,726 \$ 7,206 21,414 1,070,914	\$ 19,804 \$ 1,920 1,203 13,025 566,303 10,825 \$ 25,008 \$ 1,920 5 2016 1,3557 \$ 4,340 \$ 7,569 5 201 6 11,863 7 \$ 7,287 6 \$ 7,287 6 \$ 7,287 7 \$ 9,000 8 11,920 6 11,920 7 \$ 9,000 8 19,000 8 19,000	12.053 \$ 25,212 \$ 1.940 201: 1,205 13,047 567,248 10.826 \$ 25,311 \$ 1.940 620: 836: 13,548 \$ 6,936 \$ 8,297 11:824 11:8	12.064 \$ 25,510 \$ 1.970 1.124 12,164 10.826 \$ 23,962 \$ 1.970 11 154 13.563 \$ 1,350 \$ 8,750 7 201 9 104	12.075 \$ 23,325 \$ 1.990 1,166 12,618 548,602 10.826 \$ 25,110 \$ 1.990 #DIV/0! \$	12.070 \$ 25,425 \$ 2.010 1,201 13,002 555,287 10.825 \$ 26,133 \$ 2.010 2020 19 254 \$ 13,548 \$ 2,041 \$ 8,040 11,863 \$ 11,002 \$ 11,0	\$ 25,979 \$ 2.030 1,041 11,276 490,266 10,829 \$ 22,891 \$ 2.030 2021 18 242 242 13,559 \$ 2,221 \$ 9,180 101 201 201 201 201 201 201 201 201 20	\$ 24,460 \$ 2,060 \$ 2,060 13,210 574,347 10,827 \$ 27,213 \$ 2,060 2022 	\$ 27, \$ 2. 1, 13, 570, \$ 27, \$ 2 #DIV \$ #DIV \$ #DIV 2 2 1 1,050 11,11 1,150 11,11 11,150

Fuel Report annual output - 12-15-07.xis.xis

	1 2									
EntityName		2015	2016	2017	2018	2019	2020	2021	2022	2023
Green 2	Generation(GWh)	1,628	1,810	1,664	1,739	1,526	1,775	1,732	1,815	1,726
	Fuel used(GBtu)	18,102	20,134	18,506	19,348	16,988	19,757	19,267	20,203	19,208
	Coal(Tons)	905,120	1,006,691	925,281	967,411	849,412	987,844	963,364	1,010,138	960,403
	Heat Rate	11.121	11,125	11.123	11.128	11,129	11.132	11.127	11.131	11.127
	Fuel cost(\$000)	\$ 32,584	\$ 36,644	\$. 34,050	\$ 35,988	\$ 31,938	\$ 37,538	\$ 36,993	\$ 39,395	\$ 37,840
	Fuel Cost per MMBTu	\$ 1.800	\$ 1.820	\$ 1.840	\$ 1.860	\$ 1.880	\$ 1,900	\$ 1.920	\$ 1.950	\$ 1.970
										
		2015	2016	2017	2018	2019	2020	2021	2022	2023
Total	Generation(GWh)	12,526	12,611	12,218	12,630	12,244	12,516	12,599	12,559	12,582
	Fuel used(G8tu)	137,609	138,387	134,481	138,774	134,426	137,570	138,477	137,878	138,260
a ded to the form of the graph of the series	Coal(Tons)	6,229,629	6,243,936	6,062,607	6,273,798	6,088,015	6,223,850	6,268,934	6,233,220	6,268,858
	Heat Rate	10.986	10.974	11.007	10.988	10.979	10.991	10.991	10.979	10.988
and the second section of the second section is	Fuel cost(\$000)	\$ 252,643	\$ 259,459	\$ 257,038	\$ 263,675	\$ 257,725	\$ 268,099	\$ 272,425	\$ 273,466	\$ 277,029
	Fuel Cost per MMBTu	\$ 1.836	\$ 1.875	\$ 1.911	\$ 1,900	\$ 1.917	\$ 1.949	\$ 1.967	\$ 1.983	\$ 2.004

								2010		2066							
ityName				2008		2009		2010		2011		2012		9.3	013	1	2014 0.445
Wilson 1	SO2(ktons)			0.003		9.637		10.846		10.131		10.586		0.5			0.585
- 3	5O2 Emit Rate			0.585		0.585		0.585		0.585		0.585					
	5O2 cost(\$000)	1 5		7,782	\$	8,220	\$	9,555	\$		\$	8,384	\$		49 5	<u> </u>	8,220
	NOx(ktons)			0.382		0,983		1,120		0.994		1.045		0.9	15		1.030
				V.502		0.060	• • • • • • • • • • • • • • • • • • • •	0.060		0.057		0.058		0.0	158		0.058
	NOx Emit Rate								4		d·	2,074	\$		38 5	ŧ	1,965
I	NOx cost(\$000)		F	292	\$	2,799	*	2,697	₹	2,142	\$	4/0/4	4	4,/	i	•	-12/10
.,	Total Emissions Cost (\$000)		Ě	8,074	\$ 1	11,019	\$	12,253	\$	10,429	\$	10,459	\$	8,6	87 :	\$ 1	10,185
					\$	3.71	\$	3.68	\$		\$	3.17	\$	2	.95 :	\$	3.08
i	Emit Cost per MWh		Þ	2.02	<u> </u>	3./1	7_	3.00	-	3,55	*		<u> </u>			····	
	A Committee of the comm							i									
				2008		2009		2010		2011		2012		2	013		201
tityName	<u></u>					2.006	*****	2,150	_	1.854		2.169		2.6)41		2.16
APL 1	SO2(ktons)			2.154													0,330
	SO2 Emit Rate			0.330		0.330		0.330		0.330		0.330			330		
	SO2 cost(\$000)		\$	1.676	\$	1,711	\$	1,894	\$	1,517	\$	1,718	\$	1,	524	\$	1,70
			·	0.200		0.505		0.546		0.471	-	0.550		0.	518		0.54
	NOx(ktons)			0.200	~			0.084		0.084		0.084	i	n i	084		0.08
	NOx Emit Rate			-		0.083							-		984.	4	1,04
	NOx cost(\$000)		\$	153	\$	1,436	\$	1,316	\$	1,014	\$	1,092	*		904.	-	2,04
	NOX COURTOUS												1				
			*	1000	<u>.</u>	3 1/17	ŧ	3,210	\$	2,531	\$	2,810	\$	7	508	\$	2,75
	Total Emissions Cost (\$000)		\$	1,829	\$	3,147	\$		****			2.31	\$		2.20		2.2
*	Emit Cost per MWh	1	\$	1.51	\$	2.80	\$	2.67	\$	2.44	\$	2.31	1		-24	7	£.4
													1	-			
	annesse and the second							*****	*****				1		1		_
		<u></u> j.				5000	-	55.5	-	2011		2012	†		2013		20
tityName				2008		2009		2010	ļ				+				
MPL 2	502(ktons)			2.020		2.264		2.101		2,246		1.892	1		241		2.11
MTL 4		· ·	**	0.330		0.330	1	0.330	[0.330	- 170	0.330	Γ"	0.	330		0.3.
in the second second second second second second second second second second second second second second second	SO2 Emit Rate		وي				7			1,837	ď	1,499	\$		674	\$	1,60
	SO2 cost(\$000)		\$	1,571	\$	1,931	\$	1,851	\$		\$_		1-2			-1	0.53
	NOx(ktons)			0.195	i .	0.574	1	0.529		0.569		0.476	Ļ.,		567		
					1	0.084	1	0.083	1	0.084		0.083	1		.084		0.0
Marine 200 (1.1) 4 - 4 - 44 (4.1)	NOx Emit Rate		\$	149	\$	1,635	\$	1,275	\$	1,225	\$	945	Š	1	,078	\$	1,0
	NOx cost(\$000)	<u></u> i	3_	147	P	1,000	1	*****	┯	2/240	-		-			<u> </u>	
							L						4				
See also see see	Total Emissions Cost (\$000)		\$	1,720	\$	3,566	\$	3,126	\$	3,063	\$	2,444	\$,751	\$	2,6
and the second section of the second sections			\$	1.52	\$	2,82	\$	2.66	\$	2,44	\$	2.31	\$	\$	2.20	\$	2
	Emit Cost per MWh		-	1.76	1.4	2,0%	, "	2,00	1 -				+				
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					T		1		1		<u> </u>						
				2008	<u> </u>	2009	1	2010	1	2011	Г	201.	Ž		2013		2(
ntityName					ــــــــــــــــــــــــــــــــــــــ		4		-		┞	0.730			.721	-	0.6
oleman 1	SO2(ktons)			0.626	L	0.726	1	0.725	1	0.692							
	SO2 Emit Rate			0.114		0.114		0.114	١.	0.114		0.114	⊥.	U	.114		0.1
			\$	487	\$	619			\$	566	\$	578		\$	538	\$	5
	SO2 cost(\$000)		7		+				╅┸	1,945	T-	2.054			.028	Γ	1.9
	NOx(ktons)											2.00		-			
	#INOX(KCOHO)			0.682	1	2.052		2.049	Ļ						224	f	ກາ
and the transport of the first terms of the second		a'		U.00Z	-	0.322	1	0.322	\perp	0.320		0.321			.321		
and the transport and published at 1 feet from	NOx Emit Rate		\$	-		0.322	1	0.322	\$	0.320	\$).321 3,852	\$	
and a representation of the second se			\$	521	\$		1	0.322	\$	0.320	\$	0.321				\$	
Marie a representation to the second	NOx Emit Rate			521		0.322 5,843	\$	0.322 4,936	T	0.320 4,191		0.321 4,077		\$ 3	3,852		3,7
Maria a recognización de las a Viverences de la constitución de la con	NOx Emit Rate NOx cost(\$000)		\$	521 1,008	\$	0.322 5,843 6,462	\$	0.322 4,936 5,575	4	0.320 4,191 4,757	\$	0.321 4,077 4,656		\$ 3 \$ 4	3,852 1,391	\$	3,7 4,2
	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)			521	\$	0.322 5,843	\$	0.322 4,936 5,575	4	0.320 4,191 4,757		0.321 4,077		\$ 3	3,852		3,7 4,2
	NOx Emit Rate NOx cost(\$000)		\$	521 1,008	\$	0.322 5,843 6,462	\$	0.322 4,936 5,575	4	0.320 4,191 4,757	\$	0.321 4,077 4,656		\$ 3 \$ 4	3,852 1,391	\$	3,7 4,2
And the second s	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)		\$	521 1,008	\$	0.322 5,843 6,462	\$	0.322 4,936 5,575	4	0.320 4,191 4,757	\$	0.321 4,077 4,656		\$ 3 \$ 4	3,852 1,391	\$	3,7 4,2
and the company production of the company of the co	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)		\$	521 1,008 0.98	\$	0.322 5,843 6,462 5.48	\$	0.322 4,936 5,575 4.73	4	0.320 4,191 4,757 4.23	\$	0.321 4,077 4,656 3.92		\$ 3 \$ 4	3,852 1,391 3.75	\$	3,7 4,2 3
ntinhama	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)		\$	521 1,008	\$	0.322 5,843 6,462	\$	0.322 4,936 5,575	4	0.320 4,191 4,757	\$	0.321 4,077 4,656		\$ 3 \$ 4 \$	3,852 1,391 3.75 2013	\$	3,7 4,2 3
	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh		\$	1,008 0.98	\$ \$	0.322 5,843 6,462 5.48	\$ \$	0.322 4,936 5,575 4.73	\$ \$	0.320 4,191 4,757 4.23	\$	0.321 4,077 4,656 3.92	2	\$ 3 \$ 4 \$	3,852 1,391 3.75	\$	3,7 4,2 3
	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons)		\$	1,008 0.98 2000 0.743	\$ \$	0.322 5,843 6,462 5.48 200 0.749	\$ \$	0.322 4,936 5,575 4.73 2010 0.693	9 9	0.320 4,191 4,757 4.23 2011 0.708	\$	0.321 4,077 4,656 3.92 201 0.689	2	\$ 3 \$ 4 \$	3,852 1,391 3.75 2013 0.672	\$	3,7 4,2 3 3
	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh		\$	2008 0.743 0.114	\$	0.322 5,843 6,462 5.48 200 0.749 0.114	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114	9 9	0.320 4,191 4,757 4.23 2011 0.708 0.114	\$	0.321 4,077 4,656 3.92 201 0.689 0.114	2	\$ 3 \$ 4 \$	3,852 3,391 3.75 2013 0.672 0.114	\$	3,7 4,2 3 2 0.0 0.1
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate		\$	1,008 0.98 2000 0.743	\$	0.322 5,843 6,462 5.48 200 0.749	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 611	9 9	0.320 4,191 4,757 4.23 2011 0.708 0.114 579	\$	0.321 4,077 4,656 3.92 201 0.689 0.114 546	2	\$ 3 \$ 4 \$ ({	3,852 3,391 3.75 2013 0.672 0.114 502	\$	3,7 4,2 3 2 0.0 0.1
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000)		\$	1,008 0.98 2003 0,743 0,114 578	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 611	9 9	0.320 4,191 4,757 4.23 2011 0.708 0.114	\$	0.321 4,077 4,656 3.92 201 0.689 0.114	2	\$ 3 \$ 4 \$ ({	3,852 3,391 3.75 2013 0.672 0.114	\$	3,7 4,2 3 0.0 0.1
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons)		\$	2008 0.743 0.114	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 611 1.957	9	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94	2	\$ 3 \$ 4 \$	2013 0.672 0.114 502 1.891	\$	3,7 4,2 3 2 0.0 0.1
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate		\$ \$	1,008 0.98 0.743 0.114 578 0.858	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322	\$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.114 \$ 611 1.957 0.322	4 4	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322	\$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94	2	\$ 3 \$ 4 \$	3,852 3,391 3.75 2013 0.672 0.114 502 1.891 0.321	\$	3,7 4,2 3 0.0 0.0
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate		\$	1,008 0.98 0.743 0.114 578 0.858	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118	\$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.114 \$ 611 1.957 0.322	4 4	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322	\$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94	2	\$ 3 \$ 4 \$	2013 0.672 0.114 502 1.891	\$	3,7 4,2 3 0.0 0.0
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons)		\$ \$	1,008 0.98 0.743 0.114 578 0.858	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322	\$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.114 \$ 611 1.957 0.322	4 4	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322	\$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32:	2	\$ 3 \$ 4 \$ \$	2013 0.672 0.114 502 1.891 0.321 3,594	\$ \$	3,7 4,2 3 0.0 0.1 1.0 3,4
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)		\$ \$	2008 0.98 2008 0.743 0.114 578 0.858	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 611 1.957 0.322 4,714	9 9	0.320 4,191 4,757 4.23 2011 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309	\$	0.321 4,077 4,656 3.92 201 0.689 544 1.94 0.32:	2	\$ 3 \$ 4 \$ \$	3,852 3,391 3.75 2013 0.672 0.114 502 1.891 0.321	\$ \$	3,7 4,2 3 0.0 0.1 1.0 3,4
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000)		\$ \$	2008 0.98 0.743 0.114 5.788 6.54	\$ \$	0.322 5,843 6,462 5,48 200 0.749 0.114 639 2.118 0.322 6,029	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 \$ 611 1.957 0.322 4,714 \$ 5,325	\$ \$	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322 4,309	\$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32 3,85	2 2 5 1 1 1 1 3 3 9	\$ 3 \$ 4 \$ \$ \$	2013 0.672 0.114 502 1.891 0.321 3,594	\$ \$	3,7 4,2 3 2,0,0 0,1 1,1 0,3,4
EntityName Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)		\$ \$	2008 0.98 0.743 0.114 5.788 6.54	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 \$ 611 1.957 0.322 4,714 \$ 5,325	\$ \$	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322 4,309	\$	0.321 4,077 4,656 3.92 201 0.689 544 1.94 0.32: 3,853	2 2 5 1 1 1 1 3 3 9	\$ 3 \$ 4 \$ \$	2013 0.672 0.114 502 1.891 0.321 3,594	\$ \$	3,7 4,2 3 2,0,0 0,1 1,1 0,3,4
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000)		\$ \$	2008 0.98 0.743 0.114 5.788 6.54	\$ \$	0.322 5,843 6,462 5,48 200 0.749 0.114 639 2.118 0.322 6,029	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 \$ 611 1.957 0.322 4,714 \$ 5,325	\$ \$	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322 4,309	\$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32 3,85	2 2 5 1 1 1 1 3 3 9	\$ 3 \$ 4 \$ \$ \$	2013 0.672 0.114 502 1.891 0.321 3,594	\$ \$	0.3 3,7 4,2 3 2 0.6 0.0 1,1 0.3 3,4
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000)		\$ \$	2008 0.98 0.743 0.114 5.788 6.54	\$ \$	0.322 5,843 6,462 5,48 200 0.749 0.114 639 2.118 0.322 6,029	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 \$ 611 1.957 0.322 4,714 \$ 5,325	\$ \$	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322 4,309	\$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32 3,85	2 2 5 1 1 1 1 3 3 9	\$ 3 \$ 4 \$ \$ \$	2013 0.672 0.114 502 1.891 0.321 3,594	\$ \$	2 0.6 0.3 3,4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000)		\$ \$	2008 0.98 2008 0.743 0.114 578 0.858 654 1,233	\$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.116 0.322 6,029 6,666 6.11	\$ \$	0.322 4,936 5,575 4.73 2010 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 \$ 5,325 \$ 5.27	9 9	0.320 4,191 4,757 4.23 201: 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 0.32 3,85 4,39 4.39	2 2 1 1 1 3 9 9 9	\$ 3 \$ 4 \$ \$ \$	3,852 3,391 3,75 2013 0,672 0,114 502 1,891 0,321 3,594 4,096 4,19	\$ \$	3,7 4,2 3 2,0,0 0,1 1,1 0,3,4
	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000)		\$ \$	2008 0.98 2008 0.743 0.114 578 0.858 654 1,233 1.13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 6.39 2.118 0.322 6,666 6.11	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2011 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 \$ 5,325 \$ 5.27	5 5	0.320 4,191 4,757 4.23 2011 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73	\$ \$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 1.94 3,855 4,39 4,39	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	\$ 3 \$ 4 \$ \$ \$ \$	2013 3.75 2013 2.672 2.114 502 1.891 0.321 3.594 4,096 4,19	\$ \$	2 3,7 4,2 3 3 0.6 0 1 0 3,4
Coleman 2	NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh		\$ \$	2000 0.743 0.858 0.858 0.113 1.13 200 0.75;	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2011 0.693 0.114 611 1.957 0.322 4,714 \$ 5,325 \$ 5,27	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.320 4,191 4,757 4,23 2011 0.708 4,579 0.108 579 0.322 4,309 4,309 4,73 201 0.745	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32: 3,85: 4,39 4.3	2 2 3 1 1 1 3 3 9 9 9 8 8	\$ 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2013 3.75 2013 2.672 2.114 502 1.891 0.321 3,594 4,096 4,19 2013	\$ \$	2 2 0.6 0.3 1.1 0.3 4,4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons)		\$ \$	2008 0.98 2008 0.743 0.114 578 0.858 654 1,233 1.13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 6.39 2.118 0.322 6,666 6.11	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2011 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 \$ 5,325 \$ 5.27	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.320 4,191 4,757 4.23 2011 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 0.32: 3,853 4,39 4.33	2 2 3 1 1 1 1 3 3 9 9 9 8 8 4	\$ 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2013 3.75 2013 0.672 0.114 502 1.891 3.594 4.096 4.19 2013 0.753 0.114	\$ \$	3,7 4,2 3 2 0.6 0 1.1 0 3,4 4, 4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate		\$ \$	2000 0.798 0.98 2000 0.744 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5,48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.693 4,714 5,5325 5,325 5,325 5,325 1,744 0.744 0.114	5 5 5	0.320 4,191 4,757 4,23 2011 0.708 0.714 \$ 579 0.322 \$ 4,309 \$ 4,888 \$ 4.73	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32: 3,85: 4,399 4.39	2 2 3 1 1 1 1 3 3 9 9 9 8 8 4	\$ 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2013 3.75 2013 2.672 2.114 502 1.891 0.321 3,594 4,096 4,19 2013	\$ \$	2,2 3,7 4,2 3,3 2,0,6 0,0,0 1,0,0,0 4,7 2,0 0,0,0
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000)		\$ \$	- 521 1,008 0.98 2008 0,743 0,114 578 0.858 - 654 1,233 1.13 2006 0,752 0,752	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,666 6.13 200 0.699 0.699	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.114 \$ 611 1.957 0.322 \$ 4,712 \$ 5,325 \$ 5.27 201 0.744 0.114 \$ 61.5 6.693	0 5	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322 4,309 4,309 201 0.745 0.745 0.114 4 613	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 0.32 3,85 4,39 4.3 20 0.61 0.61 0.61	2 2 3 1 5 1 1 1 1 3 3 9 9	\$ 3	2013 3.75 2013 0.672 0.114 502 1.891 0.321 4,096 4.19 2013 0.753 0.114 502 1.891 0.321 4,096	\$ \$	3,7 4,2 3 3 0.6 0. 1,1 0.3 3,4 4,4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons)		\$ \$	2000 0.798 0.98 2000 0.744 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5,48 200 0.749 0.114 639 2.116 0.322 6,656 6.11 200 0.699 0.114	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2011 0.693 0.114 \$ 611 1.957 4,714 \$ 5,325 \$ 5,27 201 0.74(0.11* \$ 655 4,714 \$ 5,325 \$ 1,740 1,741 1,7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.320 4,191 4,757 4,23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,73 201 0.745 0.114 \$ 611 2.006	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94; 0.322; 3,855 4,399 4.31 200 0.61 0.11 484 484 1.66	2 2 1 1 5 1 1 1 1 1 1 1 2 9 9 9	\$ \$ \$	2013 2013 2013 2014 502 2014 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2.017	\$ \$	2 4,2 3 0.0 0.1 1.1 0.3 3,4 4 0.0
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000)		\$ \$	2000 0.743 0.114 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11 200 0.699 0.11- 598 0.32	\$ \$ 9 9 9 9 9 4 6 6 2 3	0.322 4,936 5,575 4.73 2014 \$ 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 \$ 5,325 \$ 5,27 201 0.745 0.116 \$ 611 0.745 0.745 0.116	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.320 4,191 4,757 4,23 0.708 0.114 \$ 579 0.322 \$ 4,309 \$ 4,888 \$ 4.73 0.114 \$ 613 0.749 0.114 \$ 600 0.300	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 1.94 1.94 1.94 1.94 1.94 1.94 1.94	2 3 3 1 1 1 3 3 9 9 9 7 7	\$ \$ \$	2013 3.75 2013 3.75 2013 3.672 20.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 502 2.017	\$ \$	3,7 4,2 3 0.6 0.0 1,1 0.3 3,4 4,4 4 0.0 0.0
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(Ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate		\$ \$ \$ \$	2000 0,743 0,114 578 0,858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11 200 0.699 0.11- 598 0.32	\$ \$ 9 9 9 9 9 4 6 6 2 3	0.322 4,936 5,575 4.73 2014 \$ 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 \$ 5,325 \$ 5,27 201 0.745 0.116 \$ 611 0.745 0.745 0.116	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.320 4,191 4,757 4,23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,73 201 0.745 0.114 \$ 611 2.006	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 1.94 3,855 4,39 4.3 20 0.61 0.61 0.61 1.66 0.61 0.61 0.61 0.6	2 3 3 1 1 1 3 3 9 9 9 7 7	\$ \$ \$	2013 2013 2013 2014 502 2014 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2.017	\$ \$	3,7 4,2 3 0.6 0.0 1,1 0.3 3,4 4,4 4 0.0 0.0
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons)		\$ \$	2000 0,743 0,114 578 0,858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,666 6.11 200 0.699 0.11- 1.98 0.32	\$ \$ 9 9 9 9 9 4 6 6 2 3	0.322 4,936 5,575 4.73 2014 \$ 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 \$ 5,325 \$ 5,27 201 0.745 0.116 \$ 611 0.745 0.745 0.116	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.320 4,191 4,757 4,23 0.708 0.114 \$ 579 0.322 \$ 4,309 \$ 4,888 \$ 4.73 0.114 \$ 613 0.749 0.114 \$ 600 0.300	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 1.94 1.94 1.94 1.94 1.94 1.94 1.94	2 3 3 1 1 1 3 3 9 9 9 7 7	\$ \$ \$	2013 3.75 2013 3.75 2013 3.672 20.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 502 2.017	\$ \$	3,7 4,2 3 2 0.6 0.0 1,1 1,1 0.0 3,4 4,4 4 0.0 0.0
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)		\$ \$ \$	- 521 1,008 0.98 0.743 0.114 578 0.858 - 654 1,233 1.13 200 0.751 581 0.870	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,666 6.11 200 0.69 0.11- 1.98 0.32 5,64	\$ \$ \$ 9 9 9 9 4 6 6 2 3 3 3 3	0.322 4,936 5,575 4.73 2014 0.693 0.114 6 611 1.957 0.322 \$ 4,714 201 0.744 5,325 \$ 5,325 \$ 5,225 \$ 5,	1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.320 4,191 4,757 4.23 2011 0.708 0.114 5,79 1.999 0.322 4,309 201 0.745 0.745 0.145 4,309 201 0.745 0.320 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 6	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 0.32 3,85 4,39 4.3 20 0.61 0.61 0.114 48 48 3,30 3,50 3,50 3,50 3,50 3,50 3,50 3,50	2 3 1 5 1 1 1 3 3 9 9 9 7 7 7 7 7 8 8	\$ \$ \$	2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2.017 3.632	\$ \$	3,7 4,23 3 0.6 0 1.1 0 3,4 4 4 0 0 0 0
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)		\$ \$ \$ \$	- 521 1,008 0.98 0.743 0.114 578 0.858 1,233 1.13 200 0.752 0.755 0.876	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5,48 200 0.749 0.114 639 2.118 0.322 6,666 6.11 200 0.699 0.11- 599 1.98 0.32 5,64	\$ \$ \$ 9 9 9 9 4 6 6 2 3 3 3 5 5	0.322 4,936 5,575 4.73 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 0.74! 0.11- \$ 655 2.10- 0.32 \$ 5,07	0 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 201 0.745 0.114 \$ 613 2.000 0.300 \$ 4,320	\$ \$	0.321 4,077 4,656 3.92 201 0.688 0.114 544 1.942 0.32 3,853 4.39 5 4.39 5 4.39 5 4.3 6 0.5 1 1.66 0.30 5 3,30	2 3 3 1 5 1 1 1 3 3 9 9 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2.017 0.305 3.832 27,465	\$ \$ \$	3,7 4,2 3 0.6 0 1.1 0 3,4 4 4 0.0 0.0 0.3
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Cost (\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)		\$ \$ \$	- 521 1,008 0.98 0.743 0.114 578 0.858 - 654 1,233 1.13 200 0.751 581 0.870 - 663	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,666 6.11 200 0.691 0.591 1.98 0.32 5,64	\$ \$ \$ 9 9 9 9 4 6 6 2 3 3 3 5 5	0.322 4,936 5,575 4.73 2014 0.693 0.114 6 611 1.957 0.322 \$ 4,714 201 0.744 0.744 5,5325 \$ 5,225 \$ 5,2	0 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.320 4,191 4,757 4.23 2011 0.708 0.114 5,79 1.999 0.322 4,309 201 0.745 0.745 0.145 4,309 201 0.745 0.320 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 4,309 6	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 0.32 3,85 4,39 4.3 20 0.61 0.61 0.114 48 48 3,30 3,50 3,50 3,50 3,50 3,50 3,50 3,50	2 3 3 1 5 1 1 1 3 3 9 9 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ \$ \$	2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.713 0.753 0.305 3.832 27,465 22,51	\$ \$ \$	3,7 4,2,2 3 0.6 0.0 0.1 1.0 0.3 4,4 4 0.0 0.3 3,4 2,7 2,7 2,7 2,7 2,7 2,7 2,7 2,7 2,7 2,7
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Cost per MWh Total Cost per MWh Total Cost per MWh Total Cost per MWh		\$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 1,233 1.13 200 0.755 0.114 588 0.876 0.876 0.876	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5,48 200 0.749 0.114 639 2.118 0.322 6,625 6.65 0.699 0.11- 599 1.98 0.32 5,64	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4,73 0.693 0.114 \$ 611 1.957 4,714 \$ 5,325 \$ 7,74 0.74 0.11 \$ 65 0.12 \$ 65 0.32 \$ 5,27 \$ 5,27 \$ 5,27 \$ 65 0.12 \$ 2 0.12 0.12 0.12 0.12 0.12 0.12	0 5 5 5 4	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,73 201 0.745 0.114 \$ 611 2.006 0.302 \$ 4,322	\$ \$	0.321 4,077 4,656 3.92 201 0.685 0.114 544 1.94; 3.385; 4.39 4.39 4.31 20,011 \$48 1.66 0.30 \$3,30	2 3 1 5 1 1 1 1 3 3 9 9 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.713 0.753 0.305 3.832 27,465 22,51	\$ \$ \$	3,7 4,2 3 2 0,4 0,0 0,0 0,0 0,0 1,0 0,0 0,0 0,0 0,0 0,0
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) Total Emissions Cost (\$000) Emit Cost per MWh Total Cost per MWh Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)		\$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11 598 0.32 5,64 24,22 24,22 21,33 6,24	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2011 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 0.744 0.114 \$ 5,325 \$ 5,225 \$ 5,27 201 0.745 0.32 \$ 5,325 \$ 5,27 201 0.32 \$ 5,325 \$ 5,27 201 0.32 \$ 5,325 \$ 5,27 201 2,100 2,1	0 5 1 5 5 2 3 3 5 4 9	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73 0.114 \$ 6.00 0.300 \$ 4,323	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32 3,85; 4,39 4.3 20 0.61 0.11 \$ 4,66 0.30 \$ 3,30 \$ 3,30	22 23 34 55 11 13 3 9 9 9 9 9 7 7 7 17 18 8 4 19 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 3.75 2013 2013 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 203 3.832 27,465 4.394	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,77 4,2,2 3 2 0.6 0.0 0.0 1,1 0.0 3,2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Cost per MWh Total Cost per MWh Total Cost per MWh Total Cost per MWh		\$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,666 6.11 200 0.69 0.11- 1.98 0.32 5,664 24,22 21,33 6,24	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4,73 0.693 0.114 \$ 611 1.957 4,714 \$ 5,325 \$ 7,74 0.74 0.11 \$ 65 0.12 \$ 65 0.32 \$ 5,27 \$ 5,27 \$ 5,27 \$ 65 0.12 \$ 2 0.12 0.12 0.12 0.12 0.12 0.12	0 5 1 5 5 2 3 3 5 4 9	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,73 201 0.745 0.114 \$ 611 2.006 0.302 \$ 4,322	\$ \$	0.321 4,077 4,656 3.92 201 0.685 0.114 544 1.94; 3.385; 4.39 4.39 4.31 20,011 \$48 1.66 0.30 \$3,30	22 23 34 55 11 13 3 9 9 9 9 9 7 7 7 17 18 8 4 19 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$ 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.713 0.753 0.305 3.832 27,465 22,51	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,77 4,2,2 3 2 0.6 0.0 0.0 1,1 0.0 3,2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) Total Emissions Cost (\$000) Emit Cost per MWh Total Cost per MWh Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)		\$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11 598 0.32 5,64 24,22 24,22 21,33 6,24	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2011 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 0.744 0.114 \$ 5,325 \$ 5,225 \$ 5,27 201 0.745 0.32 \$ 5,325 \$ 5,27 201 0.32 \$ 5,325 \$ 5,27 201 0.32 \$ 5,325 \$ 5,27 201 2,100 2,1	0 5 1 5 5 2 3 3 5 4 9	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73 0.114 \$ 6.00 0.300 \$ 4,323	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32 3,85; 4,39 4.3 20 0.61 0.11 \$ 4,66 0.30 \$ 3,30 \$ 3,30	22 23 34 55 11 13 3 9 9 9 9 9 7 7 7 17 18 8 4 19 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 20672 2013 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2013 0.305 3.832 27,465 4.394	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,77 4,2,2 3 2 0.6 0.0 0.0 1,1 0.0 3,2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) Total Emissions Cost (\$000) Emit Cost per MWh Total Cost per MWh Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)		\$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11 598 0.32 5,64 24,22 24,22 21,33 6,24	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2011 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 0.744 0.114 \$ 5,325 \$ 5,225 \$ 5,27 201 0.745 0.32 \$ 5,325 \$ 5,27 201 0.32 \$ 5,325 \$ 5,27 201 0.32 \$ 5,325 \$ 5,27 201 2,100 2,1	0 5 1 5 5 2 3 3 5 4 9	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73 0.114 \$ 6.00 0.300 \$ 4,323	\$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32 3,85; 4,39 4.3 20 0.61 0.11 \$ 4,66 0.30 \$ 3,30 \$ 3,30	22 23 34 55 11 13 3 9 9 9 9 9 7 7 7 17 18 8 4 19 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 20672 2013 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2013 0.305 3.832 27,465 4.394	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,77 4,2,2 3 2 0.6 0.0 0.0 1,1 0.0 3,2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Coleman 2	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) Total Emissions Cost (\$000) Emit Cost per MWh Total Cost per MWh Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)		\$ \$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 1.233 1.13 200 0.752 0.114 588 0.876 0.876 0.876 1.233 1.13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,666 6.11 200 0.699 0.11- 599 1.98 0.32 5,64 2.4,22 2.5,64 2.5,64 2.5,64 2.6,025 3.6,666 6.12 5.5,64 6.6,666 6.12 5.5,64 6.6,666 6.7,74	\$ \$ \$ 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.322 4,936 5,575 4.73 0.693 0.114 \$ 611 1.957 4,714 \$ 5,325 \$ 7,22 \$ 1,00 0.74; 0.11* \$ 655 0.12* \$ 655 0.13* 0.32* \$ 5,27 \$ 655 0.14* 0.32* 0.	0 5 5 6 5 7 9 5 5	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,73 201 0.745 0.114 \$ 611 2.006 0.30; \$ 4,32; \$ 26,76; \$ 22,00 \$ 4,309 \$ 4,309 \$ 4,300 \$ 5,700 \$ 6,700 \$ 6,700	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.321 4,077 4,656 3.92 201 0.685 0.114 544 1.94 1.94 1.94 1.94 1.94 1.94 1.94 1.	2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 5.672 0.114 502 1.891 3.594 4.096 4.19 2013 20.753 0.753 0.753 3.602 2.017 0.305 3.832 27,465 2.251 4.394 3.60	\$ \$	3,77 4,2,2 3 2 0.6 0.0 0.0 1,1 0.0 3,2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
EntityName Coleman 3	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) Total Emissions Cost (\$000) Emit Cost per MWh Total Cost per MWh Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)		\$ \$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.116 0.322 6,656 6.11 200 0.699 1.98 0.32 5,64 24,22 21,3 6,24 5,5	\$ \$ \$ 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.322 4,936 5,575 4,73 2010 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 \$ 5,325 \$ 5,27 201 0.744 0.116 \$ 650 2.100 \$ 5,07 \$ 26,36 \$ 21.8 \$ 21.8 \$ 22.8	0 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73 201 0.745 0.114 \$ 610 0.305 \$ 4,32 \$ 4,32 \$ 4,93 \$ 4,93 \$ 4,00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 546 1.94 0.32 3,85; 4,39 4.3 20 0.61 0.11 \$ 4,66 0.30 \$ 3,30 \$ 3,30	2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 3.75 2013 2013 2014 502 1.891 0.321 3,594 4,096 4,19 2013 0.753 0.154 2.2017 0.305 3,832 27,465 22,51 4,394 3,60	\$ \$ \$	3,7 4,2 3 0.6 0.0 0.1 1,1,1 0.0 3,2 0.0 0.3 3,2 2 2 4,2 2 4,2 4,2 4,2 4,2 4,2 4,2 4,2
EntityName Coleman 3	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh		\$ \$ \$ \$ \$ \$ \$	2000 0.743 0.114 578 0.858 1,233 1.13 200 0.75; 0.114 587 664 25,30 20,55 1,25 1,25	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.116 0.322 6,656 6.11 200 0.699 1.98 0.32 5,64 24,22 21,3 6,24 5,5	\$ \$ \$ 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.322 4,936 5,575 4.73 0.693 0.114 \$ 611 1.957 4,714 \$ 5,325 \$ 7,22 \$ 1,00 0.74; 0.11* \$ 655 0.12* \$ 655 0.13* 0.32* \$ 5,27 \$ 655 0.14* 0.32* 0.	0 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,73 201 0.745 0.114 \$ 611 2.006 0.30; \$ 4,32; \$ 26,76; \$ 22,00 \$ 4,309 \$ 4,309 \$ 4,300 \$ 5,700 \$ 6,700 \$ 6,700	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.321 4,077 4,656 3.92 201 0.685 0.114 544 1.94 1.94 1.94 1.94 1.94 1.94 1.94 1.	2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 5.672 0.114 502 1.891 3.594 4.096 4.19 2013 20.753 0.753 0.753 3.602 2.017 0.305 3.832 27,465 2.251 4.394 3.60	\$ \$ \$	3,7 4,2,2,3 3 0.0.0 0.1 1.1 0.3 3,4 4 4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
EntityName Coleman 3	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Cost per MWh Total Cost per MWh Total Cost per MWh Total Emissions Cost (\$000) Cop Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh		\$ \$ \$ \$ \$ \$ \$	2000 0,743 0,114 578 0,858 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,668 6.11 598 0.32 5,64 24,22 2,23 3,624 24,22 20,000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0	\$ \$ \$ 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.322 4,936 5,575 4.73 0.693 0.114 \$ 611 1.957 0.322 \$ 4,714 0.114 \$ 5,325 \$ 5,22 \$ 5,27 201 0.745 0.114 \$ 5,325 \$ 5,22 \$ 4,714 0.11	0 5 1 5 2 3 3 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73 0.114 \$ 6.00 0.300 \$ 4,323 \$ 4,323 \$ 4,00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.321 4,077 4,656 3,92 201 0.689 0.114 546 1.94 0.32 3,85; 4,39 4.3 200 0.61 0.11 \$ 4,66 0.30 \$ 3,30 \$ 22,55 \$ 22,55 \$ 3,75 \$ 3,75	22 2 3 1 1 1 1 1 3 3 9 9 9 9 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2.017 0.305 3.832 27,465 2,217 4,394 3.60	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,7 4,23 3 0.6 0.0 1.1 0.3 3,4 4,4 4 0.0 0.3 3,3 2,7 2,7 4,4
EntityName Coleman 3	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) NOX(ktons) SO2 Emit Rate NOX cost(\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2(ktons) SO2 Emit Rate		\$ \$ \$ \$ \$	2000 0,743 0,114 578 0,858 1,233 1,13 200 0,751 581 0,870 2,53 1,25 1,00 2,05 1,25 1,00 2,05 1,25 1,00 2,00 2,00 2,00 2,00 2,00 2,00 2,00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,666 6.11 200 0.69 1.98 0.36 2.4,22 2.18 2.4,22 2.18 5.64	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.114 6 611 1.957 0.322 \$ 4,714 201 0.744 5,5325 \$ 5,325 \$ 5,27 2,100 2,10	0 5 1 5 2 3 3 5 4 9 5 5	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322 4,309 201 0.745 0.145 \$ 613 2.006 0.303 \$ 4,323 \$ 4,323 \$ 4,323	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 0.32 3,85 4,39 4.3 20 0.61 0.61 0.11 \$48 1.66 9.33 \$3,30 \$3,30 \$3,30 \$3,30 \$4,30 \$3,30 \$4,30 \$3,30 \$4,	22 2 3 1 1 1 1 1 3 3 9 9 9 9 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2.017 3.60 2.017 3.60 2.017 3.60 2.017	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,7 4,22 3 3 0.6 0.0 0.1 1.6 0.3 4,4 4
EntityName Coleman 3	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Cost per MWh Total Cost per MWh Total Cost per MWh Total Emissions Cost (\$000) Cop Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh		\$ \$ \$ \$ \$ \$ \$	- 521 1,008 0.98 0.743 0.114 578 0.858 1,233 1.13 200 0.75; 664 25,30 20.5 1.0 200 2.82 4.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,666 6.11 200 0.699 0.11- 599 1.98 0.32 5,64 21.3 6,24 21.3 6,24 5.5 6,24 5.5 6,24	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.114 1.957 0.322 4,714 \$ 5,325 \$ 5,22 \$ 1,00 0.32 \$ 655 2.100 0.32 \$ 25,36 \$ 21.8 \$ 5,72 \$ 4,74	0 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.320 4,191 4,757 4.23 0.708 0.114 \$ 579 1.999 0.322 \$ 4,309 \$ 4,888 \$ 4.73 201 0.745 0.114 \$ 611 2.006 0.300 \$ 4,322 \$ 4,931 \$ 4,000 \$ 4,000 \$ 4,000 \$ 4,000 \$ 4,000 \$ 4,000 \$ 4,000 \$ 4,000 \$ 5,760 \$ 5,760 \$ 5,760 \$ 6,760 \$ 6,760	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.321 4,077 4,656 3,92 201 0.689 0.114 546 1.94 0.32 3,85; 4,39 4.3 200 0.61 0.11 \$ 4,66 0.30 \$ 3,30 \$ 22,55 \$ 22,55 \$ 3,75 \$ 3,75	22 2 3 1 1 1 1 1 3 3 9 9 9 9 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 3.75 2013 5.672 0.114 502 1.891 0.321 3,594 4.096 4.19 2013 2.017 0.305 3,832 2.017 0.305 3,832 2.017 0.305 3,832 2.017 0.000	\$ \$ \$ \$ \$ \$	3,7 4,22 2 0.4 0.0 0.3 4,4 4 0.0 0.3 3,4 4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EntityName Coleman 3	NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) NOX(ktons) SO2 Emit Rate NOX cost(\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2(ktons) SO2 Emit Rate		\$ \$ \$ \$ \$	2000 0,743 0,114 578 0,858 1,233 1,13 200 0,751 581 0,870 2,53 1,25 1,00 2,05 1,25 1,00 2,05 1,25 1,00 2,00 2,00 2,00 2,00 2,00 2,00 2,00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 5,843 6,462 5.48 200 0.749 0.114 639 2.118 0.322 6,029 6,666 6.11 200 0.69 1.98 0.36 2.4,22 2.18 2.4,22 2.18 5.64	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.322 4,936 5,575 4.73 2014 0.693 0.114 6 611 1.957 0.322 \$ 4,714 201 0.744 5,5325 \$ 5,325 \$ 5,27 2,100 2,10	0 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.320 4,191 4,757 4.23 2011 0.708 0.114 579 1.999 0.322 4,309 201 0.745 0.145 \$ 613 2.006 0.303 \$ 4,323 \$ 4,323 \$ 4,323	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.321 4,077 4,656 3.92 201 0.689 0.114 544 1.94 0.32 3,85 4,39 4.3 20 0.61 0.61 0.11 \$48 1.66 9.33 \$3,30 \$3,30 \$3,30 \$3,30 \$4,30 \$3,30 \$4,30 \$3,30 \$4,	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2013 3.75 2013 0.672 0.114 502 1.891 0.321 3.594 4.096 4.19 2013 0.753 0.114 562 2.017 3.60 2.017 3.60 2.017 3.60 2.017	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,7 4,22 3 3 0.6 0.0 0.1 1.6 0.3 4,4 4

	NOx cost(\$000)	\$	- (\$	66	\$	8	\$	151	\$		\$	36	\$	48
and the second s	(4000)		2 100				9	\$	152	\$		\$	36	\$	47
. p i i i despri e e e e e e e e e e e e e e e e e e e	Total Emissions Cost (\$000) Emit Cost per MWh	\$	2,198 23.38	\$ \$	66 2,95	\$ 4	2.50	\$	2.23		DIV/0!	\$	2.01	\$	2.03
	Etilit Cost per Pawii		23,20	<u> </u>	2,33	4	2.50	*	2,120		317,0.			*	,,,,,,
				_			2010		5011		2012		20121		20.
ntityName			2008	_	2009		2010		2011		2012		2013		201
teid GT	SO2(ktons)														
	SO2 Emit Rate				- ^	*	- 0	+	0	đ	0	#	0	\$	
	SO2 cost(\$000)	- \$	0	\$	0 000	\$		\$		\$	0.006	\$	0.006	₹	0.00
	NOx(ktons)		0.002	<u> </u>	0.003	<u></u>	0.003		0.005						
	NOx Emit Rate				*	Ļ	0.150		0.150		0.150		0.150		0.15
	NOx cost(\$000)	\$	1	\$	9	\$	8	\$	10	\$	12	\$	11	\$	1
A.A	Total Emissions Cost (\$000)	\$	1	\$	9	\$	8	\$	10	\$	13	\$	11	\$	
	Emit Cost per MWh	\$	0.71	\$	2,59	\$	2.18		1.68	\$	1.53	\$	1.48	\$	1.4
						Ĺ	· ·				·				
EntityName			2008	 - -	2009	-	2010	-	2011		2012	-	2013		20
Green 1	SO2(ktons)	-	2.016	1	2.124		1.907		2.050		1.938		1.982		1.75
F.TTC.E	SO2 Emit Rate	1	0.195	T	0.195	j	0.195	``	0.195		0.195	1	0.195	or to be some	0.19
	SO2 cost(\$000)	\$	1,569	(<u>;</u> -	1,812	\$	1,680	\$	1,677	\$	1,535	\$	1,480	\$	1,38
and the second	NOx(ktons)		0.878	t-	3.027		2.743		2.893		2.728	1	2,795		2.45
	NOx Emit Rate			j	0,278	1	0.280		0.275		0.274		0.275	****	0.27
	NOx cost(\$000)		670	\$	8,617	\$	6,607	\$	6,234	\$	5,415	\$	5,310	\$	4,69
]											
	Total Emissions Cost (\$000)	\$	2,238	\$	10,429	\$	8,287	\$	7,910	\$	6,950		6,791	\$	6,07
	Emit Cost per MWh	\$	1.21	\$	5.36	\$	4.66	\$	4.14	\$	3.85	\$	3.68	\$	3.7
alminotopy or a the	were also the second state of the second			-	, _w aa _n aan kan teele e ees	 -	H & white-community-share		r daren er grann prip hiller i ver						******
EntityName			2008	L	2009	L	2010		2011		2012		2013 1.868		20 2.01
Green 2	SO2(ktons)		1.987 0.195	 	1.874 0.195	 	1.990		1.621 0.195		1.952 0.195		0.195		0.19
paraghalanda da serenta de esperado de esperado de esperado de esperado de esperado de esperado de esperado de	SO2 Emit Rate			+	1,598	1	1,753	\$	1,326	\$	1,546	-	1,395	\$	1,5
······································	SO2 cost(\$000)	\$_	1,546			\$		7		₹	2.729	1.	2.610	*	2.8
	NOx(ktons)		0.979	┿-	2.629	+	2.835 0.278	<u> </u>	2.252		0.273		0.272		0.2
	NOx Emit Rate NOx cost(\$000)		747	\$	0.274 7,484	\$	6,830	\$	0.271 4,853	\$	5,416	\$	4,959	\$	5,4
	NOX COSK 4000)	1		+	.,	┪	- 0,000	 		7				,	
range bear or repaired the bar	Total Emissions Cost (\$000)	\$	2,293	\$	9,082	\$	8,584	\$	6,179	\$	6,962	\$	6,354	\$	6,9
	Emit Cost per MWh	\$	1.27	\$	5.35	\$	4.68	\$	4,14	\$	3.87	\$	3.69	\$	3.
	11/4 magazanina (2014) - 1800-1111 1946-1141 2014-1241 2014-		Anna statements - vet	T	/	1								-	
			2008	3	2009		2010		2011	L	2012	1_	2013	Ļ	20
Total	SO2(ktons)		23.133		20.077		21.157	 	20.054	 	20,575	4	19,581	ļ	20.6
	SO2 Emit Rate		0.332		0,290		0.300	<u> </u>	0.295	<u> </u>	0.301	1-	0.290		0.2
	SO2 cost(\$000)	\$	17,997	\$	17,126	\$		\$	16,404	\$	16,295	\$	14,627	\$	16,2
	NOx(ktons)		5.046		13,896	1_	13.892		13.202		13.196		13.365		13,2
	NOx Emit Rate		-		0.201		0.197	1	0.194	<u></u>	0.193		0.198	L.	0.1
	NOx cost(\$000)	\$	3,850	\$	39,562	\$	33,466	1 \$	28,451	\$	26,194	\$	25,393	\$	25,3
	Total Emissions Cost (\$000)	\$	21,848	\$	56,688	+	52,105	\$	44,855	\$	42,489	\$	40,020	\$	41,5
	Emit Cost per MWh	\$	1.75		4.56				3.66	\$	3.43		3.25		3
				1		ľ		İ		Ĺ				Ĺ	
	SO2 Allowances (000 Tons)		52.487		52.487		52.487		52.487		52,487		52,487		52.4
	SO2 Allowance Price per Ton	\$	778	\$	853	\$	441	\$	409	\$	396		374	\$	3
	SO2 Allowance Value (\$000)	\$	(40,835		(44,767) \$	(21,476)	\$	(20,774) \$	(19,609)	\$	(20,€
in the second section of the section of the section	NOx Allowances (000 Tons)		4.799		11.398		11.398	T	11.398	T	11.398	T	11.398	L	11.3
-to-	NOx Allowance Price per Ton	\$	763		2,847		-	\$	2,155	\$	1,985	\$	1,900	\$	1,9
***	NOx Allowance Value (\$000)	\$	(3,549						(23,857)		(21,949		(21,005		(21,1
			(20,864				2,044	1	(662		(415) \$	(815	\$	(4
	Net Emissions Costs							\$							

ntityName			2015		2016		2017		2018		2019		2020		2021		2022		202
B Wilson 1	SO2(ktone)	-	2015 10.081		10.666		9.165		10.663		10.098		10.632		10,144		10.639	-	10.06
B Wilson 1			0.585		0.585	·	0.585		0.585		0.585		0.585		0.585		0.585		0.58
	SO2 Emit Rate							*				*		\$	1,359	\$	1,181	\$	1,05
	SO2 cost(\$000)	\$.	9,143	\$	8,095	\$	5,664	\$	3,807	\$		\$		}				3	0.99
	NOx(ktons)		0.992		1.052		0.898		1.054		0.994		1.052	~	0.996		1.055		
	NOx Emit Rate		0.058		0.058		0.057		0.058		0.058		0.058		0.057		0.058		0.05
	NOx cost(\$000)	\$	1,853	\$	1,839	\$	1,459	\$	1,654	\$	1,500	\$	1,599	\$	1,517	\$	1,608	\$	1,51
		_																	
	Total Emissions Cost (\$000)	\$	10,996	\$	9,935	\$	7,123	\$	5,460	\$	2,975	\$	3,056	\$	2,877	\$	2,789	\$	2,56
an in 1,4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	Emit Cost per MWh	\$	3.44	\$	2.94	\$	2.45	\$	1.62	\$		\$		\$	0.89	\$	0.83	\$	0.8
	cinit Cost per Piwn	3	3,44	-7	2.34	₹	2.73		1.02	<u></u>	0,55	*	0.32	<u> </u>	0.03	<u> </u>	- 0,00	7	
	entenda agraduata da la paga gan agrifaga da la disaste antalhan e la laga ya da daga agrada de esta fina															, ·-			e.elis-ben faberna
		L.																	
ntityName		_	2015		2016		2017		2018		2019		2020		2021		2022		20
MPL 1	SO2(ktons)	1	2.006		2.140		2.000		2.191		1.879		1,994		2.073		2.188		2.0(
7.5	SO2 Emit Rate		0.330		0.330		0.330		0.330		0.330		0.330		0.330		0.330	2 mm; 113 -a	0.33
	SO2 cost(\$000)	ė	1,819	\$		\$	1,236	\$	782	4	274	\$		\$	278	\$	243	\$	2
		\$. ₹			0.505		0.555	I	0.475	. T	0.505	.T	0.524	.	0.555	.J	0.5
	NOx(ktons)	ļ.,	0.507	Ac. 1-11	0.543														0.08
	NOx Emit Rate		0.083		0.084		0.083		0.084		0.083		0.084		0.083		0.084		
	NOx cost(\$000)	\$	948	\$	949	\$	820	\$	871	\$	718	\$	769	\$	798	\$	846	\$	7
		1														ĺ	_		
annes orbit complements of the te-	Total Emissions Cost (\$000)	\$	2,768	ŧ	2,573	\$	2,056	\$	1,654	\$	992	\$	1,042	\$	1,076	\$	1,089	\$	9
	Emit Cost per MWh	₹. \$	2,47	\$	2.15	\$	1.84	\$	1.35	\$	0.94	\$	0.93	\$	0.93	\$	0.89	\$	0.8
	SCHIEF COSE INC. 134489	-	ر ۲٫۹٫	4	F F	7	1.0"		V-2-2-2			<u> </u>		7					
	and the ways, companional and the provide provide the same of the particular sources.							}											
		_													2.2.	<u> </u>		-	
ntityName			2015	L	2016	L	2017	L	2018	L	2019		2020		2021	_	2022		2(
IMPL 2	SO2(ktons)	T	2,256	(2.099		2.228	T	2.056		2.187		1.873		2,243	Ī	2.129	L .	2.1
++-4F & &	SO2 Emit Rate	 	0.330	j	0.330	j	0.330	1	0.330		0.330		0.330		0.330		0.330	T	0.3
		-		+	1,593	-	1,377	\$	734	\$	319	\$	257	\$	301	\$	236	\$	5
	SO2 cost(\$000)	\$	2,046	\$		\$		1				<u></u>		4	0.567	*	0.537	I	0.5
min : - Named draft disconnection - \$500	NOx(ktons)		0.569	ļ	0.531	<u></u>	0.564		0.519		0.555		0.474						
	NOx Emit Rate		0.083	L	0.083	L	0.084	ļ	0.083		0.084		0.083	~	0.083	<u></u>	0.083		0.0
	NOx cost(\$000)	\$	1,063	\$	927	\$	916	\$	815	\$	837	\$	720	\$	864	\$	819	\$	8
	T	_		T															
. Transmission of the	Total Emissions Cost (\$000)	\$	3,109	\$	2,520	\$	2,293	\$	1,549	\$	1,157	\$	977	\$	1,164	\$	1,055	\$	1,0
a, . backbaranan			2,47	\$	2.15	\$	1.84		1.35		0.95	\$	0.93	\$	0.93	\$	0.89	\$	Õ.
	Emit Cost per MWh	3	2,47	3	2.13	- -	T'04	1 7	7,424	1 4	0.50	*	0.20		0.55	1	0.05	+-	
	The common special and the control of the common section of the co					ļ		ļ		<u> </u>						├	***************************************	ļ	
				l						1		_				<u></u>		<u> </u>	
EntityName		Т	2015	Г	2016		2017		2018		2019		2020		2021	L	2022	L	20
Coleman 1	SO2(ktons)	1	0.738	1	0.735	1	0.627	1	0.722	Т	0.733		0.696		0.735	Ī	0.734	1	0.6
Colcinan T			0.114		0.114	·	0.114	-	0.114	†	0.114		0.114		0.114	1	0.114	1	0.1
	SO2 Emit Rate	+-		+	557	+		\$	258	\$	107	\$	95	\$	98	1 5	81	\$	
	SO2 cost(\$000)	\$	670	\$		\$		13		1-			1.956		2.064	+	2.063	+	1.9
	NOx(ktons)		2.077		2.064		1.766	<u> </u>	2.030	ļ	2,062		0.320		0.320	ļ		 	0.3
										1		i	n 320						
	NOx Emit Rate	.]	0,321	<u> </u>	0.320	1	0.321	J	0.321		0.321					4	0.320		
ng agaington agus anns an ann an an an an an an an an an an an	NOx Emit Rate NOx cost(\$000)	\$	0,321 3,882	\$	0.320 3,607	\$	0.321 2,870	\$	3,185	\$	3,114	\$	2,974	\$	3,143	\$	3,146	\$	2,9
		\$		\$		\$		\$		\$		\$		\$		\$		\$	
and the same of th	NOx cost(\$000)		3,882		3,607	Ī	2,870		3,185		3,114		2,974		3,143	<u> </u>	3,146		2,9
	NOx cost(\$000) Total Emissions Cost (\$000)	\$	3,882 4,552	\$	3,607 4,164	\$	2,870 3,257	\$	3,185 3,442	\$	3,114 3,221	\$	2,974 3,070	\$	3,143 3,242	\$	3,146 3,227	\$	2,9 3,0
	NOx cost(\$000)		3,882		3,607	Ī	2,870	\$	3,185		3,114		2,974		3,143	<u> </u>	3,146	\$	2,9
	NOx cost(\$000) Total Emissions Cost (\$000)	\$	3,882 4,552	\$	3,607 4,164	\$	2,870 3,257	\$	3,185 3,442	\$	3,114 3,221	\$	2,974 3,070	\$	3,143 3,242	\$	3,146 3,227	\$	2,9 3,0
	NOx cost(\$000) Total Emissions Cost (\$000)	\$	3,882 4,552 3.79	\$	3,607 4,164 3,49	\$	2,870 3,257 3,20	\$	3,185 3,442 2.93	\$	3,114 3,221 2.70	\$	2,974 3,070 2.71	\$	3,143 3,242 2.71	\$	3,146 3,227 2,70	\$	2,9 3,0 2.
EntityName	NOx cost(\$000) Total Emissions Cost (\$000)	\$	3,882 4,552	\$	3,607 4,164	\$	2,870 3,257	\$	3,185 3,442	\$	3,114 3,221	\$	2,974 3,070	\$	3,143 3,242 2.71 2021	\$	3,146 3,227 2,70	\$	2,9 3,0 2,
EntityName	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh	\$	3,882 4,552 3.79 201	\$	3,607 4,164 3,49 2016	\$	2,870 3,257 3,20 2017	\$	3,185 3,442 2.93 2018	\$	3,114 3,221 2.70	\$	2,974 3,070 2.71	\$	3,143 3,242 2.71	\$	3,146 3,227 2,70	\$	2,9 3,0
EntityName Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons)	\$	3,882 4,552 3.79 2015 0,725	\$	3,607 4,164 3.49 2016 0.588	\$	2,870 3,257 3,20 2017 0,741	\$	3,185 3,442 2.93 2018 0.738	\$	3,114 3,221 2,70 2019 0.668	\$	2,974 3,070 2.71 2020 0.721	\$	3,143 3,242 2.71 2021 0.730	\$	3,146 3,227 2,70 2022 0,677	\$	2,9 3,0 2. 2. 0.7
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate	\$	3,882 4,552 3.79 2015 0,725 0,114	\$	3,607 4,164 3,49 2016 0,588 0,114	\$	2,870 3,257 3,20 2017 0,741 0,114	\$	3,185 3,442 2.93 2018 0.738 0.114	\$	3,114 3,221 2.70 2019 0.668 0.114	\$	2,974 3,070 2,71 2020 0,721 0,114	\$	3,143 3,242 2.71 2021 0.730 0.114	\$	3,146 3,227 2,70 2022 0,677 0,114	\$	2,9 3,0 2 2 0,7
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	\$	3,882 4,552 3.79 2019 0.725 0.114 657	\$	3,607 4,164 3,49 2016 0,588 0,114 446	\$	2,870 3,257 3,20 201 0,741 0,114 458	\$	3,185 3,442 2.93 2018 0.738 0.114 264	\$	3,114 3,221 2.70 2019 0.668 0.114 98	\$	2,974 3,070 2.71 2020 0.721 0.114 99	\$	3,143 3,242 2.71 2021 0.730 0.114 98	\$	3,146 3,227 2,70 2022 0,677 0,114 75	\$	2,9 3,0 2 0., 0.,
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	\$	3,882 4,552 3.79 2013 0,725 0,114 657 2,041	\$	3,607 4,164 3.49 2016 0.588 0.114 446 1.666	\$	2,870 3,257 3,20 201 0,741 0,114 458 2,082	\$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074	\$	3,114 3,221 2,70 2019 0,668 0,114 98 1,878	\$	2,974 3,070 2.71 2020 0.721 0.114 99 2.027	\$	3,143 3,242 2,71 2021 0,730 0,114 98 2,057	\$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904	\$	2,9 3,0 2 0., 0.,
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	\$	3,882 4,552 3.79 2019 0.725 0.114 657	\$	3,607 4,164 3,49 2016 0,588 0,114 446	\$	2,870 3,257 3,20 201 0,741 0,114 458	\$	3,185 3,442 2.93 2018 0.738 0.114 264	\$	3,114 3,221 2.70 2019 0.668 0.114 98	\$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320	\$	3,143 3,242 2.71 2021 0.730 0.114 98 2.057 0.321	\$	3,146 3,227 2.70 2022 0.677 0.114 75 1.904 0.321	\$ \$	2,9 3,0 2 0,0
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	\$	3,882 4,552 3.79 2015 0,725 0.114 657 2.041 0.321	\$ \$	3,607 4,164 3.49 2016 0.588 0.114 446 1.666	\$ \$	2,870 3,257 3,20 201 0,741 0,114 458 2,082	\$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074	\$	3,114 3,221 2,70 2019 0,668 0,114 98 1,878	\$	2,974 3,070 2.71 2020 0.721 0.114 99 2.027	\$	3,143 3,242 2,71 2021 0,730 0,114 98 2,057	\$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904	\$ \$	2,9 3,0 2 0,0
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate	\$	3,882 4,552 3.79 2015 0,725 0.114 657 2.041 0.321	\$ \$	3,607 4,164 3.49 2016 0.588 0.114 446 1.666 0.323	\$ \$	2,870 3,257 3,20 2017 0,741 0,114 458 2,082 0,320	\$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320	\$	3,114 3,221 2,70 2019 0,568 0,114 98 1,878 0,320	\$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320	\$	3,143 3,242 2,71 2021 0,730 0,114 98 2,057 0,321 3,132	\$ \$	3,146 3,227 2,70 2022 0,677 0,174 75 1,904 0,321 2,904	\$ \$	2,9 3,0 2 0,0 0,0
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate NOx cost(\$000)	\$ \$	3,882 4,552 3.79 2015 6,725 0.114 6,725 2,041 0,321 3,815	\$ \$ \$	3,607 4,164 3.49 2016 0.588 0.114 446 1.666 0.323 2,912	\$ \$	2,870 3,257 3,20 2017 0,741 0,114 458 2,082 0,320 3,383	\$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254	\$	3,114 3,221 2.70 2019 0.668 0.114 198 1.878 0.320 2,836	\$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320	\$	3,143 3,242 2.71 2021 0.730 0.114 98 2.057 0.321	\$ \$	3,146 3,227 2.70 2022 0.677 0.114 75 1.904 0.321	\$ \$	2,9 3,0 2 0,0 0,0
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)	\$ \$	3,882 4,552 3,79 2019 0,725 0,114 657 2,041 0,321 3,815	\$ \$	2016 0.588 0.114 4466 0.323 2,912 3,358	\$ \$	2,870 3,257 3,20 2017 0,741 0,114 458 2,082 0,320 3,383 3,841	\$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254	\$	3,114 3,221 2,70 2019 0.668 0.114 98 1.878 0.320 2,836	\$ \$	2,974 3,070 2,71 2020 0,721 0,112 99 2,027 0,320 3,083	***	3,143 3,242 2,71 2021 0,730 0,114 98 2,057 3,132 3,230	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904	\$ \$	2,9 3,0 2 0,7 0,1 2,0 3,7
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate NOx cost(\$000)	\$ \$	3,882 4,552 3,79 2019 6,725 0,114 657 2,041 0,321 3,815	\$ \$	3,607 4,164 3.49 2016 0.588 0.114 446 1.666 0.323 2,912	\$ \$	2,870 3,257 3,20 2017 0,741 0,114 458 2,082 0,320 3,383	\$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254	\$	3,114 3,221 2.70 2019 0.668 0.114 198 1.878 0.320 2,836	\$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083	***	3,143 3,242 2,71 2021 0,730 0,114 98 2,057 0,321 3,132	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904	\$ \$	2,9 3,0 2, 2,0,7 0,1 2,0 0,3 3,1
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)	\$ \$	3,882 4,552 3,79 2019 0,725 0,114 657 2,041 0,321 3,815	\$ \$	2016 0.588 0.114 4466 0.323 2,912 3,358	\$ \$	2,870 3,257 3,20 2017 0,741 0,114 458 2,082 0,320 3,383 3,841	\$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254	\$	3,114 3,221 2,70 2019 0.668 0.114 98 1.878 0.320 2,836	\$ \$	2,974 3,070 2,71 2020 0,721 0,112 99 2,027 0,320 3,083	***	3,143 3,242 2,71 2021 0,730 0,114 98 2,057 3,132 3,230	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904	\$ \$	2,9 3,0 2, 2,0,7 0,1 2,0 0,3 3,1
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)	\$ \$	3,882 4,552 3,79 201: 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24	\$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93	\$ \$	2,870 3,257 3,20 201: 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56	\$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28	\$ \$	3,114 3,221 2.70 2019 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02	\$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04	\$ \$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 0,321 2,904 2,979 3,03	\$ \$	2,9 3,0 2 0,0 0,1 2,0 0,3 3,7 3,7 3
	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)	\$ \$	3,882 4,552 3,79 2019 0,725 0,114 657 2,041 0,321 3,815	\$ \$	3,607 4,164 3.49 2016 0.588 0.114 446 1.666 0.323 2,912 3,358 3.93	\$ \$ \$ \$ \$	2,870 3,257 3,20 2017 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56	\$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254 3,518 3.28	\$ \$	3,114 3,221 2.70 0.668 0.114 98 1.878 0.320 2.836 2,933 3.02	\$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04	\$ \$ \$ \$	3,143 3,242 2,71 2021 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904 2,979 3.03	\$ \$ \$ \$ \$	2,9 3,0 2 0,0 0,1 2,0 0,3 3,7 3,7 3
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000)	\$ \$	3,882 4,552 3,79 201: 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24	\$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93	\$ \$ \$ \$ \$	2,870 3,257 3,20 201: 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56	\$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28	\$ \$	3,114 3,221 2.70 2019 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02	\$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04	\$ \$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643	\$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 3,03 2022 0,753	\$ \$	2,5 3,0 2 0,0 0,0 3,7 3,7 3,7
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh	\$ \$	3,882 4,552 3.79 2019 0.725 0.114 657 2.041 0.321 3,815 4,472 4.24	\$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2010 0,742	\$ \$	2,870 3,257 3,20 201. 0,741 458 2,082 0,320 3,383 3,841 3,56	\$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254 3,518 3.28	\$ \$	3,114 3,221 2.70 0.668 0.114 98 1.878 0.320 2.836 2,933 3.02	\$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04	\$ \$ \$ \$	3,143 3,242 2,71 2021 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05	\$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904 2,979 3.03	\$ \$	2,5 3,0 2 0,0 0,0 3,7 3,7 3,7
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2(ktons) SO2 Emit Rate	\$ \$	3,882 4,552 3,79 2011 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114	\$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 201 0,742 0,114	\$ \$	2,870 3,257 3.20 201: 0,741 0,114 458 2,082 0,320 3,383 3,841 3,566 201 0,744 0,114	\$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254 3,518 3.28 2018 0.693 0.114	\$ \$	3,114 3,221 2,70 2019 0,668 0,114 98 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114	\$ \$	2,974 3,070 2,771 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114	\$	3,143 3,242 2.71 0.730 0.149 2.057 0.321 3,132 3,230 3.05 202 0.643 0.114	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,979 3,03 2,022 0,753 0,114	\$ \$	2,5 3,6 2 0 0 3,, 3,, 3,, 3,, 0
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate	\$ \$	3,882 4,552 3,79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,677 0,114	\$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2016 0,742 0,742 0,744 563	\$ \$ \$	2,870 3,257 3,20 201: 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56 201 0,744 450	\$ \$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254 3,518 3.28 2018 0.693 0.114 248	\$ \$	3,114 3,221 2,70 0,668 0,114 98 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,7114 105	\$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 102	\$	3,143 3,242 2,71 2021 0,730 0,144 96 2,057 0,321 3,132 3,230 3,05 202 0,643 86	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904 2,979 3,03 0,753 0,753 0,7514 84	\$ \$	2,5 3,6 2 0 0 3, 3, 3, 3, 0
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	\$ \$	3,882 4,552 3,79 2015 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 614 1,813	\$ \$	3,607 4,164 3,49 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 201 0,742 0,144 563 1,994	\$ \$	2,870 3,257 3,20 2017 0,741 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995	\$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,144 2,48 1,861	\$ \$	3,114 3,221 2,70 0,668 0,114 98 1,878 0,320 2,833 3,02 2019 0,719 0,114 105 1,935	\$ \$	2,974 3,070 2,71 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 0,741 0,114 102 1,992	\$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,184 1,728	\$ \$	3,146 3,227 2,70 2,70 2,70 2,022 2,904 2,909 3,03 2,904 2,979 3,03 2,904 2,919 3,03 2,919 3,03	\$ \$	2,5 3,6 2 0.7 0.7 3,7 3,7 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate	\$ \$	3,882 4,552 3,79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 618 1,813 0,305	\$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2010 0,742 0,114 563 1,994 0,306	\$ \$	2,870 3,257 3,257 3,20 2017 0,741 458 2,082 0,320 3,383 3,841 3,56 0,744 0,114 460 1,995 0,306	\$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,114 248 1,861 0,306	\$ \$	3,114 3,221 2.70 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307	\$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 192 1,992 0,306	\$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 202: 0,753 0,114 84 2,019 0,306	\$ \$	2,5 3,6 2 0., 0., 3,, 3 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	\$ \$	3,882 4,552 3,79 2015 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 6,677 0,114 1,813 0,305	\$ \$	3,607 4,164 3,49 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 201 0,742 0,144 563 1,994	\$ \$	2,870 3,257 3,20 2017 0,741 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995	\$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,144 2,48 1,861	\$ \$	3,114 3,221 2.70 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307	\$ \$	2,974 3,070 2,71 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 0,741 0,114 102 1,992	\$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,184 1,728	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 0,753 0,114 84 2,019 0,306	\$ \$	2,5 3,6 2 0., 0., 3,, 3 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate	\$ \$	3,882 4,552 3,79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 618 1,813 0,305	\$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2010 0,742 0,114 563 1,994 0,306	\$ \$	2,870 3,257 3.20 201: 0,741 4,58 2,082 0,320 3,383 3,841 3,56 201 0,744 460 1,995 0,306 3,241	\$ \$ \$	3,185 3,442 2.93 0.738 0.1738 0.114 264 2.074 0.320 3,254 3,518 3.28 2018 2.0693 0.114 248 1.861 0.306 2,920	\$ \$ \$	3,114 3,221 2.70 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307 2,922	\$ \$	2,974 3,070 2,771 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030	\$ \$	3,143 3,242 2.71 0.730 0.114 98 2.057 0.321 3,132 3,230 3.05 202 0.643 0.114 86 1.728 0.307 2,632	\$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,979 3,03 2,0753 0,114 84 2,019 0,306 3,079	\$ \$ \$	2,5 3,6,6 2 0 0 3, 0 0 2.0 0 3,
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)	* * * *	3,882 4,552 3,79 2011 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 614 1,813 0,338 3,386	\$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2010 0,742 0,114 563 1,994 0,306	\$ \$ \$ \$	2,870 3,257 3.20 201: 0,741 0,114 458 2,082 0,320 3,383 3,841 3,566 201: 0,744 460 1,995 0,304 3,241	\$ \$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254 3,518 3.28 2011 248 1.861 0.306 2,920	\$ \$ \$	3,114 3,221 2,70 0,668 0,114 98 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114 105 1,935 0,307 2,922	\$ \$	2,974 3,070 2,71 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,194 1,992 0,306 3,030 29,651	\$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,307 2,632 26,177	\$ \$ \$	3,146 3,227 2,70 2022 20,677 0,114 75 1,904 0,321 2,904 2,979 3,03 0,753 0,114 2,019 0,306 3,079	\$ \$ \$ \$	2,5 3,0 2 0,7 0,0 3,7 0,0 0,0 0,0 0,0 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate NOX cost(\$000) Total Operating Cost (\$000)	* * *	3,882 4,552 3,79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 1,813 0,305 3,388	\$ \$ \$	3,607 4,164 3,49 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 201 0,742 0,114 563 1,994 0,306 3,485 28,131	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 2017 0,741 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,185 3,442 2.93 2018 0.738 0.114 264 2.074 0.320 3,254 3,518 3.28 2018 2018 1.861 0.396 2,920 27,112	\$ \$	3,114 3,221 2,70 0,668 0,114 98 1,878 0,320 2,833 3,02 2019 0,719 0,114 105 1,935 0,307 2,922	\$ \$	2,974 3,070 2,771 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030	\$ \$ \$	3,143 3,242 2.71 0.730 0.114 98 2.057 0.321 3,132 3,230 3.05 202 0.643 0.114 86 1.728 0.307 2,632	\$ \$ \$	3,146 3,227 2,70 2022 20,677 0,114 75 1,904 0,321 2,904 2,979 3,03 2022 0,753 0,144 2,019 0,306 3,079	\$ \$ \$ \$	2,5 3,0 2 0,7 0,0 3,7 0,0 0,0 0,0 0,0 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate Total Emissions Cost (\$000) Emit Cost per MWh Total Operating Cost (\$000) Total Operating Cost (\$000) Op Cost per MWh	4 4 5 4	3,882 4,552 3.79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 61813 0,305 3,388	\$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2016 0,742 0,742 0,306 3,485 28,131 23,38	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 2017 0,741 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 458 2,082 201 0,744 0,114 201 0,306 1,995 0,306 3,241 28,518 23,66	\$ \$ \$ \$ \$ \$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28 2018 1,861 0,306 2,920 27,112 24,13	\$ \$ \$	3,114 3,221 2,70 0,668 0,114 98 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114 105 1,935 0,307 2,922 28,442 22,440	\$ \$ \$ \$ \$ \$	2,974 3,070 2,771 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 0,741 0,114 102 1,992 0,306 3,030	\$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307 2,632	\$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904 2,979 3,03 202: 0,753 0,114 84 2,019 0,306 3,079	\$ \$ \$	2,5,5 2,0,0 0,0,0 0,0,0 0,0,0 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2 (ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3,882 4,552 3.79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 614 1,813 0,305 3,385 25,379 3,315 4,003	\$ \$ \$	3,607 4,164 3,49 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 201 0,742 0,114 563 1,994 0,306 3,485 28,131 23,336 4,049	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 201. 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,66 3,701	\$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,114 248 1,861 0,306 2,920 27,112 24,13 3,167	\$ \$ \$	3,114 3,221 2.70 2019 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307 2,922 28,442 24,40 3,027	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030 29,651 24,69 3,132	\$ \$ \$ \$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307 2,632 26,177 25,14 2,718	* * * * * * * * * * * * * * * * * * * *	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 2022 0,753 0,114 84 2,019 0,306 3,079 30,932 25,35 3,163	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 3,0 2 0 0 3, 3, 3, 3, 0 0 0 2 0 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate Total Emissions Cost (\$000) Emit Cost per MWh Total Operating Cost (\$000) Total Operating Cost (\$000) Op Cost per MWh	4 4 5 4	3,882 4,552 3.79 2019 0.725 0.114 657 2.041 0.321 3,815 4,472 4.24 201 0.677 0.114 614 1.813 0.305 3,386 25,379 3 23,135 4,003	\$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2016 0,742 0,742 0,306 3,485 28,131 23,38	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 201. 0,741 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,66 3,701	\$ \$ \$	3,185 3,442 2,93 2018 0,734 0,114 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,114 248 1,861 0,306 2,920 27,112 24,13 3,167	\$ \$ \$	3,114 3,221 2.70 2019 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307 2,922 28,442 24,40 3,027	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,974 3,070 2,771 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 0,741 0,114 102 1,992 0,306 3,030	\$ \$ \$ \$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307 2,632	* * * * * * * * * * * * * * * * * * * *	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 202: 0,753 0,114 84 2,019 0,306 3,079 30,932 25,35 3,163	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 3,0 2 0 0 3, 3, 3, 3, 0 0 0 2 0 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2 (ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3,882 4,552 3.79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 614 1,813 0,305 3,385 25,379 3,315 4,003	\$ \$ \$	3,607 4,164 3,49 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 201 0,742 0,114 563 1,994 0,306 3,485 28,131 23,336 4,049	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 201. 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,66 3,701	\$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,114 248 1,861 0,306 2,920 27,112 24,13 3,167	\$ \$ \$	3,114 3,221 2.70 2019 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307 2,922 28,442 24,40 3,027	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030 29,651 24,69 3,132	\$ \$ \$ \$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307 2,632 26,177 25,14 2,718	* * * * * * * * * * * * * * * * * * * *	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 2022 0,753 0,114 84 2,019 0,306 3,079 30,932 25,35 3,163	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 3,6,6 2 0.,0 0.,0 3,,3 3, 0.,0 0.,0 3,,3 3,,3 3
Coleman 2	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2 (ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3,882 4,552 3.79 2019 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 614 1,813 0,305 3,385 25,379 3,315 4,003	\$ \$ \$	3,607 4,164 3,49 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 201 0,742 0,114 563 1,994 0,306 3,485 28,131 23,336 4,049	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 201. 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,66 3,701	\$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,114 248 1,861 0,306 2,920 27,112 24,13 3,167	\$ \$ \$	3,114 3,221 2.70 2019 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307 2,922 28,442 24,40 3,027	\$ \$ \$ \$ \$ \$ \$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030 29,651 24,69 3,132	\$ \$ \$ \$ \$ \$	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307 2,632 26,177 25,14 2,718 2,61	\$ \$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 2022 0,753 0,114 84 2,019 0,306 3,079 30,932 25,35 3,163	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 3,0 2 0 0 3, 3, 3, 3, 0 0 0 2 0 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,
EntityName Coleman 3	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2 (ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3,882 4,552 3.79 201: 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 1,813 0,305 3,385 25,379 23,13 4,003	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2016 0,742 0,144 0,306 3,485 28,131 23,38 4,049 3,36	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 2017 0,741 458 2,082 0,320 3,383 3,841 3,56 201 0,744 458 0,306 3,241 28,518 23,66 3,700 3,07	\$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28 2018 1,861 0,306 2,920 27,112 24,13 3,167 2,82	\$ \$	3,114 3,221 2,70 0,668 0,114 98 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114 105 1,935 0,307 2,922 28,442 24,40 3,027 2,600	\$ \$ \$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 1,992 0,306 3,030 29,651 24,69 3,132 2,61	* * * * * * * *	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307 2,632 26,177 25,14 2,718 2,61	\$ \$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,904 2,979 3,03 2022 0,753 0,114 2,019 0,306 3,079 30,932 25,35 3,163 2,599	\$ \$ \$ \$	2,5 2 2 0.2 0.3 3, 3 3 0.0 0.3 3, 3 2,0 0.3 3, 3 3, 3 3, 3, 3, 3, 3, 3, 3, 3, 3, 3
EntityName Coleman 3 EntityName	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3,882 4,552 3.79 2019 6,725 0,714 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 1,813 0,305 3,386 25,379 201,305 20	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2016 0,742 0,742 0,164 503 3,485 28,131	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 201: 0,741 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,66 3,701 3,07	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,114 248 1,861 0,306 2,920 27,112 24,13 3,167 2,82	\$ \$ \$ \$ \$ \$	3,114 3,221 2.70 2019 0.668 0.114 98 1.878 0.320 2,836 2,933 3.02 2019 0.719 0.114 105 1.935 0.307 2,922 28,442 24,40 3,027	\$ \$ \$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030 29,651 24,69 3,132 2,61	* * * * * * * * * *	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,114 86 1,728 0,307 2,632 26,177 25,14 2,718 2,61	\$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 2022 0,753 0,114 84 2,019 0,306 3,079 30,932 25,35 3,163	\$ \$ \$ \$	2,5 2 2 0.2 0.3 3, 3 3 0.0 0.3 3, 3 2,0 0.3 3, 3 3, 3 3, 3, 3, 3, 3, 3, 3, 3, 3, 3
EntityName Coleman 3	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) NOx Emit Rate SO2 cost(\$000) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3,882 4,552 3.79 2019 0,725 0,114 614 1,813 0,305 3,389 25,379 201 201 201 201 201 201 201 201 201 201	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2011 0,742 0,114 563 1,994 0,306 3,485 28,131 2,912 28,131 29,131 20,100 20	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,20 2017 0,741 0,114 458 2,082 3,383 3,841 3,56 201 0,744 0,114 460 1,995 3,341 28,518 23,760 3,07	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 2,074 0,320 3,254 3,518 3,28 2018 0,693 0,114 248 1,861 0,306 2,920 27,112 24,13 3,167 2,82 201 0,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,114 3,221 2,70 2019 0,668 0,114 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114 105 1,935 0,307 2,922 28,442 3,027 2,600	\$ \$ \$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030 29,651 24,69 3,132 2,61 2020 0,000	* * * * * * * * * * * * * * * * * * * *	3,143 3,242 2.71 2021 0.730 0.114 86 2.057 3.132 3,230 3.05 202: 0.643 0.114 86 1.728 0.307 2,632 26,177 2,718 2,61	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,909 2,979 3,03 2022 0,753 0,114 84 2,019 0,306 3,079 30,336 30,932 255,35 3,163 2,59	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 2 2 2 0
EntityName Coleman 3 EntityName	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate NOX cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2(ktons) SO2 Emit Rate	4 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3,882 4,552 3.79 2019 0,725 0,114 614 1,813 0,305 3,389 25,379 201 201 201 201 201 201 201 201 201 201	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2011 0,742 0,114 563 1,936 3,485 28,131 23,36 3,36 2010 0,00	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,257 3,20 2017 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,760 3,07 201 0,000 0,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 2,074 0,320 3,254 3,518 3,28 2018 2,019 2,112 2,13 3,167 2,82 201 0,000 0,004	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,114 3,221 2,70 2019 0,668 0,114 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114 1,055 1,935 1,935 1,935 2,922 28,442 2,922 28,442 3,027 2,600 #DIV/0!	\$ \$ \$ \$	2,974 3,070 2,771 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,304 0,304 24,69 3,132 2,61 2020 0,000 0,003	\$ \$ \$ \$ \$	3,143 3,242 2.71 2021 0.730 0.148 2.057 0.321 3,132 3,230 3.05 202: 0.643 0.114 86 1.728 0.307 2,632 26,177 25,148 2.61 202 0.000 0.003	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,979 3,03 2,979 3,03 2,0753 0,114 84 2,019 0,306 3,079 30,932 2,599 #DIV/01	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 2 2 2 0 0 3, 3, 3, 3 3, 3 3, 3 3, 3 3,
EntityName Coleman 3 EntityName	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) NOx Emit Rate SO2 cost(\$000) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh	4 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3,882 4,552 3.79 2019 0,725 0,114 614 1,813 0,305 3,389 25,379 201 201 201 201 201 201 201 201 201 201	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2016 0,742 0,114 563 1,994 0,306 3,485 28,131 29,38 4,049 3,366 20,000 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,207 2017 0,741 458 2,082 0,320 3,883 3,841 3,56 201 0,744 0,114 458 2,082 0,320 3,883 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,66 3,700 3,07 201 0,000 0,000 0,000 0,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 264 2,074 0,320 3,518 3,28 2018 0,693 0,114 248 1,861 0,306 2,920 27,112 24,13 3,167 2,82 201 0,000 0,004	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,114 3,221 2,70 2019 0,668 0,114 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114 1,055 1,935 1,935 1,935 2,922 28,442 2,922 28,442 3,027 2,600 #DIV/0!	\$ \$ \$ \$	2,974 3,070 2,71 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,306 3,030 29,651 24,69 3,132 2,61 2020 0,000 0,003 0	* * * * * * * * * * * * * * * * * * * *	3,143 3,242 2,71 0,730 0,114 98 2,057 0,321 3,132 3,230 3,05 202 0,643 0,307 2,632 26,177 25,14 2,718 2,61 202 0,000 0,00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,979 3,03 2,979 3,03 2,0753 0,114 84 2,019 0,306 3,079 30,932 2,59 #DIV/01	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 2,0 2,0 0.3 3,7 3,7 3,7 3,7 4,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1
EntityName Coleman 3 EntityName	NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Emissions Cost (\$000) Emit Cost per MWh SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate NOX cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh Total Emissions Cost (\$000) Emit Cost per MWh SO2(ktons) SO2(ktons) SO2 Emit Rate	4 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3,882 4,552 3,79 2011 0,725 0,114 657 2,041 0,321 3,815 4,472 4,24 201 0,677 0,114 614 1,813 0,305 3,385 25,379 3,365 201	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,607 4,164 3,49 2016 0,588 0,114 446 1,666 0,323 2,912 3,358 3,93 2011 0,742 0,114 563 1,936 3,485 28,131 23,36 3,36 2010 0,00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,870 3,257 3,257 3,20 2017 0,741 0,114 458 2,082 0,320 3,383 3,841 3,56 201 0,744 0,114 460 1,995 0,306 3,241 28,518 23,760 3,07 201 0,000 0,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,185 3,442 2,93 2018 0,738 0,114 2,074 0,320 3,254 3,518 3,28 2018 2,019 2,112 2,13 3,167 2,82 201 0,000 0,004	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,114 3,221 2,70 2019 0,668 0,114 1,878 0,320 2,836 2,933 3,02 2019 0,719 0,114 1,055 1,935 1,935 1,935 2,922 28,442 2,922 28,442 3,027 2,600 #DIV/0!	\$ \$ \$ \$	2,974 3,070 2,771 2020 0,721 0,114 99 2,027 0,320 3,083 3,182 3,04 2020 0,741 0,114 102 1,992 0,304 0,304 24,69 3,132 2,61 2020 0,000 0,003	\$ \$ \$ \$ \$	3,143 3,242 2.71 2021 0.730 0.148 2.057 0.321 3,132 3,230 3.05 202: 0.643 0.114 86 1.728 0.307 2,632 26,177 25,148 2.61 202 0.000 0.003	\$ \$ \$	3,146 3,227 2,70 2022 0,677 0,114 75 1,904 0,321 2,979 3,03 2,979 3,03 2,0753 0,114 84 2,019 0,306 3,079 30,932 2,59 #DIV/01	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,5 2,0 2,0 0.3 3,7 3,7 3,7 3,7 4,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1

	NOx cost(\$000)	\$	22	\$	76	\$	101	\$	18	\$	-	\$	29	\$	28	\$	-	\$	
	Total Emissions Cost (\$000)	\$	22	\$	77	\$	102	\$		\$		\$		\$	28	\$		\$	-
	Emit Cost per MWh	\$	1.87	\$	1.81	\$	1.65	\$	1,62	#1)IV/0!	\$	1.56	\$	1.56	#[DIV/0!	#L)IV/0!

ntityName			2015		2016		2017		2018		2019		2020		2021		2022		2023
eid GT	SO2(ktons)		- 1		- ;				- 1		•		-						
	SO2 Emit Rate		-		- 1		- 1		- 1		- 1		-				*		
*- *	SO2 cost(\$000)	\$	0	\$	0	\$	ō	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
	NOx(ktons)		0.006		0.007		0.009		0.007		0.006		0.007		0.007		0.007		0.007
* * * * * * * * * * * * * * * * * * * *	NOx Emit Rate		0.150		0.150		0.150		0.150	~	0.150	****	0.150		0.150		0.150		0.150
	NOx cost(\$000)	\$	12	\$	12	\$	14	\$	11	\$	10	\$	10	\$	10	\$_	11	\$	11
	1			•					i.									- warde of the	
	Total Emissions Cost (\$000)	\$	12	\$	12	\$	14	\$	11]	\$	10	\$	10	\$	10	\$	11	\$	11
	Emit Cost per MWh	\$	1.44	\$	1.36	\$	1.26	\$	1.23	\$	1.16	\$	1.18	\$	1.17	\$	1,17	\$	1.18
				·															
	The second secon			* Automotive * 1							1								
ntityName.			2015		2016	\Box	2017		2018		2019		2020		2021		2022		2023
Green 1	SO2(ktons)	-	2.088		1.873		2.049		1.872		2.046	********	1.932	*****	2,055		1.665		2.048
oreen T	SO2 Emit Rate		0.195	~	0.195		0.195		0.195		0.195	~~~~	0.195	****	0.195		0.195		0.195
*****************	502 cost(\$000)	\$	1,894	\$	1,421	\$	1,266	\$		\$	299	\$	265	\$	275	\$	185	\$	215
	NOx(ktons)	<u>.</u>	2.943	<u> </u>	2.640	1	2.893		2.615		2.894		2.726		2.901		2,327	T*	2.895
	NOx Emit Rate		0.275	•	0.275		0.275		0.272		0.276		0.275		0.275		0.272		0.276
	NOx cost(\$000)	\$	5,500	*	4,614	4	4,701	\$	4,103	\$	4,370	\$	4,146	\$	4,418	\$	3,548	\$	4,421
	NOX COSI(\$000)	*	3,500	7	7,021	1 4	.,	7	.,,	-7		· ·	.,				·····		
	Total Emissions Cost (\$000)		7,394	\$	6,035	\$	5,967	\$	4,771	\$	4,668	\$	4,411	\$	4,693	\$	3,733	\$	4,636
	Emit Cost per MWh	\$	3.80	\$	3.46		3.12	\$	2.73	\$	2.45	\$	2.45	\$	2.45	\$	2.41	\$	2.43
	Emit Cost per Privin	3	3.60	7	3.40	7	3.44	1		- -									

		-	2015		2016	├-	2017	├	2018		2019	_	2020	_	2021	·	2022	Ì	202
EntityName		 	2015	Ц		1		ļ	1.887	<u> </u>	1.657	L	1.926		1,879	_	1,970	-	1.873
Green 2	SO2(ktons)		1.765		1.963		1.805				0.195		0.195		0.195		0.195	 -	0.195
namina in republication parameters at	SO2 Emit Rate	ļ.,.	0.195		0.195	-	0.195		0.195		242	-	264	4	252	-	219	\$	197
	SO2 cost(\$000)	\$	1,601	\$_	1,490	\$	1,115	\$	674			<u> </u>	2,709	\$	2.627	\$_	2,771	<u> </u>	2.627
Advanced to an area of the	NOx(ktons)	ļ.,.	2.456		2.751		2.542	 	2.635		2.315				0.273		0.274	 	0.274
and an extension amount	NOx Emit Rate	<u>. </u>	0.271		0.273	١	0.275	1	0.272		0.273		0.274 4,120		4,001	\$	4,225	\$	4,012
	NOx cost(\$000)	\$	4,590	\$	4,808	\$	4,131	\$	4,134	\$	3,4 9 6	*	4,120	\$	4,001	 } _	4,223	┿	7,012
	and the second s					1											A 444	+	4,209
	Total Emissions Cost (\$000)	<u> \$</u>	6,191	\$	6,298		5,246		4,807	\$	3,738	ĻŞ.	4,384	\$_	4,253	\$	4,444	\$_	
	Emit Cost per MWh	\$	3,80	\$	3,48	\$	3.15	\$	2.76	\$	2,45	\$	2.47	\$	2.46	\$	2.45	1 \$	2.44
			s en de s e hamil e la cheadant	a stance	- 10 / pro-want her			ļ.,		1								ļ	
		1										<u></u>							
			2015		2016	ô	2017	1	2018	<u> </u>	2019	L_	2020	L	2021	Ц.	202.	4	202
Total	SO2(ktons)		20.336		20.806		19.359	1	20.823	1	19.986	<u> </u>	20,516	L	20.501	ļ	20.755		20.354
1 p. 150 a . 150 . , pagespecas 1 1 a	SO2 Emit Rate		0.296		0.301	1	0.288		0.300		0.297	L.	0.298	ļ	0.296		0.301	<u> </u>	0.294
	SO2 cost(\$000)	\$	18,445	\$	15,792	\$	11,964	\$	7,434	\$	2,918	\$	2,811	\$	2,747	\$	2,304	\$	2,137
desertant () # W. a. Is a desert of a h	NOx(ktons)	1	13.416	1	13.290		13,315	<u> </u>	13.361		13.114		13.466	ļ	13,489	1_	13.237	1	13.588
	NOx Emit Rate	T	0.195	1	0.192		0.198	I	0.193		0.195		0.196	_	0.195	_	0.192	1_	0.197
	NOx cost(\$000)	\$	25,074	\$	23,230	\$	21,636	\$	20,964	\$	19,803	\$	20,481	\$	20,544	\$	20,186	\$	20,749
		_		1		T-		1										1	
a and a service of the analysis of the service of t	Total Emissions Cost (\$000)	\$	43,519	\$	39,021	\$	33,600	\$	28,397	\$	22,721	\$	23,292	\$	23,291	\$	22,490		22,886
10.1 · r r r r - day	Emit Cost per MWh	\$	3.47		3.09		2.75		2.25	\$	1.86	\$	1.86	\$	1.85	\$	1.79	\$	1.87
	Entire Good por Control	+ -		1		-		1		1		T		T				T.	
	SO2 Allowances (000 Tons)		52,487	†	52.487		52.487		52.487	1	52.487	1	52.487	1 -	52.487	T	52.487	1.	52.48
	SO2 Allowance Price per Tor	i \$	317	4	265		216	\$	125	\$	51	\$	48	\$	47	\$	39	\$	3
	SO2 Allowance Value (\$000)		(16,643	\$	(13,933		(11,350		(6,552)	\$	(2,683)		(2,511)	\$	(2,468	\$	(2,042		(1,92
	NOx Allowances (000 Tons)	\$	9.285	4.3	9,285		8.832		8.638	-	8,494	1.3	8,289	E	8.054	†*	7.832		7.76
- marenta - 106 w			1,869	\$	1,748		1,625		1,569	\$	1,510	\$		\$	1,523	\$	1,525	\$	1,52
	NOx Allowance Price per Tol		(16,721		(15,637		(13,802		(13,014)		(12,313)		(12,085)		(11,748		(11,427		(11,33)
ĺ	NOx Allowance Value (\$000)	\$	(10,/21	1 3	(13,03/	/ 3	(13,002	/ 3	(10,014)	Ą	12,010,	43	122,000,	7	\// 10	44	;/	47	,)
				1		1		1		1		ì)				L	
	Net Emissions Costs	\$	9,596	5	8,934	5	7,974	\$	8,353	\$	7,279	\$	8,237	\$	8,628	\$	8,573	\$	9,1

Outage Report annual output - 12-15-07.xls.xls

ntityName			2008	2009	2010	2011	2012	2013	201
B Wilson 1	Max Capacity(MW)		419	417	417	417	417	417	417
	Min Capacity(MW)	I	200	325	325	325	325	325	325
Va	Generation(GWh)		3,078	2,967	3,331	3,109	3,297	2,949	3,310
*******************************	Planned Outage Hours		672	1,248	168	672	168	672	168
***************************************	Forced Outage Hours		351	350	350	350	351	350	350
·	FOR - %		4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.09
	Num starts(.)	+	11	10	11	10	10	9	10
	Start Fuel used(GBtu)	+	69	66	72	55	52	56	54
	Start cost(\$000)		\$ 2,206	\$ 2,127		\$ 1,783	\$ 1,675	\$ 1,829	\$ 1,76
	Start COSt(\$000)			99.35%	96.92%	96.36%	95,94%	91.41%	96.31
Testin der bei ber die enter			94,94%	99.3570	90.92.70	90,3070	23,3470	92.72 /u	30,31
						5531	50.5	3013	20.
ntityName		l	2008	2009	2010	2011	2012	2013	201
IMPL 1	Max Capacity(MW)		153	153	152	152	152	152	15
	Min Capacity(MW)		110	140	140	140	140	140	14
	Generation(GWh)		1,210	1,123	1,203	1,038	1,214	1,142	1,21
	Planned Outage Hours		•	744	-	1,176		504	-
**************************************	Forced Outage Hours		615	613	613	613	615	613	61
	FOR - %		7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0
** ************************************	Num starts(.)		15	15	16	21	13	14	1
	Start Fuel used(GBtu)		29	28	30	38	24	26	2
	Start cost(\$000)		\$ 916		\$ 954	\$ 1,235	\$ 763	\$ 842	
	5 \$ 5050(4000)		97.25%	99.31%	1	97.81%	97,91%	98.18%	97.80
O to some the species of the body of the section of			77.2370	2.2470	37.0070	2/102/0	-1,5110		
Challe Aller			2000	2000	2010	2011	2012	2013	20
EntityName		ļ	2008	2009				158	15
HMPL 2	Max Capacity(MW)	.,	159	158	158	158	158		
	Min Capacity(MW)		110	140	140	140	140	140	14
	Generation(GWh)		1,133	1,266	1,175	1,256	1,058	1,252	1,18
Contide probably a printege to the Printerest	Planned Outage Hours		768	-	504		1,176		50
A STATE OF THE PARTY AND ADDRESS OF THE PARTY	Forced Outage Hours		703	701	701	701	703	701	70
and the state of t	FOR - %		8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0
water from the court of the court of the court of	Num starts(.)		19	17	18	17	23	17	1
Maria de la composición del composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la co	Start Fuel used(GBtu)	A	36	34	37	34	44	34	3
	Start cost(\$000)		pri sa si belevare element	\$ 1,100	\$ 1,189	\$ 1,082	\$ 1,425	\$ 1,088	\$ 1,13
	Start cost(\$000)							98.24%	
			97.90%	99.39%	90.2970	98,48%	97,15%	30,24 20	98.77
C (1) 31			2008	2009	2010	2011	2012	2013	20:
EntityName	1				149	149	149	149	14
Coleman 1	Max Capacity(MW)		150	149				70	7
	Min Capacity(MW)		70	70	70	70	70		elizare consumer contr
	Generation(GWh)		1,025	1,180	1,179	1,125	1,186	1,171	1,13
	Planned Outage Hours		1,176	-		600	-		50
	Forced Outage Hours		615	613	613	613	615	613	63
	FOR - %								
		1	7.0%	7.0%	7.0%	7.0%			
	Num starts(.)				7.0%	7.0% 15			7.0
	Num starts(.) Start Fuel used(GBtu)		7.0% 14	7.0%			7.0%	7.0%	7.0 1
ny ndysakah 1 d'alay al'ya ya ya jingahaba baransh	Start Fuel used(GBtu)		7.0% 14 22	7.0% 17 27	17	15 25	7.0% 15 24	7.0% 15	
er odgradek i d'der eftyr yn dy gymhalae bereinid. I hefydydd hafnirei i renn y cyflyd Mab i'r delli			7.0% 14 22 \$ 390	7.0% 17 27 \$ 481	17 27 \$ 484	15 25 \$ 446	7.0% 15 24 \$ 434	7.0% 15 24 \$ 445	7.0
	Start Fuel used(GBtu)		7.0% 14 22	7.0% 17 27 \$ 481	17 27 \$ 484	15 25 \$ 446	7.0% 15 24 \$ 434	7.0% 15 24 \$ 445	7.0
FntityName	Start Fuel used(GBtu)		7.0% 14 22 \$ 390	7.0% 17 27 \$ 481 97.23%	17 27 \$ 484 97.09%	15 25 \$ 446 100.08%	7.0% 15 24 \$ 434 97.76%	7.0% 15 24 \$ 445 96.48%	7.0 1 2 \$ 45 99.66
EntityName	Start Fuel used(GBtu) Start cost(\$000)		7.0% 14 22 \$ 390 98.02%	7.0% 17 27 \$ 481 97.23%	17 27 \$ 484 97.09%	15 25 \$ 446 0 100.08%	7.0% 15 24 \$ 434 97.76%	7.0% 15 24 \$ 445 96.48%	7.0 \$ 45 99.66
EntityName Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW)		7.0% 14 22 \$ 390 98.02% 2008	7.0% 17 27 \$ 481 97.23% 2009	17 27 \$ 484 97.09% 0 2010	15 25 \$ 446 100.08% 0 2011	7.0% 15 24 \$ 434 97.76% 2012	7.0% 15 24 \$ 445 96.48% 2013	\$ 4! 99.6i
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW)		7.0% 14 22 \$ 390 98.02% 2008 139 70	7.0% 17 27 \$ 481 97.23% 2009 138 70	17 27 \$ 484 97.09% 0 2010 138 70	15 25 \$ 446 100.08% 0 2011 138 70	7.0% 15 24 \$ 434 97.76% 2012 138 70	7.0% 15 24 \$ 445 96.48% 2013 138 70	\$ 4! 99.6i
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh)		7.0% 14 22 \$ 390 98.02% 2008	7.0% 17 27 \$ 481 97.23% 2009	17 27 \$ 484 97.09% 2010 138 70 1,010	15 25 \$ 446 100.08% 0 2011 138 70 1,032	7.0% 15 24 \$ 434 97.76% 2012	7.0% 15 24 \$ 445 96.48% 2013 138 70 977	\$ 4! \$ 99.61 20
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088	7.0% 17 27 \$ 481 97.23% 2009 138 70 1,092	17 27 \$ 484 9 97.09% 2010 138 70 1,010 600	15 25 \$ 446 100.08% 2011 138 70 1,032	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002	7.0% 15 24 \$ 445 96.48% 2 2013 138 70 977 600	\$ 48 99.60
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088	7.0% 17 27 \$ 481 97.23% 2009 138 70 1,092	17 27 \$ 484 9 97.09% 138 70 1,010 600 613	15 25 \$ 446 100.08% 2011 138 70 1,032 -	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613	7.5 \$ 48 99.66 1 20 1 9
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - %		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7.0%	7.0% 17 27 \$ 481 97.23% 2009 138 70 1,092 613 7.0%	17 27 \$ 484 97.09% 138 70 1,010 600 613	15 25 \$ 446 100.08% 138 70 1,032 - 613 0 7.0%	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 - 615 7.0%	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0%	7.0 \$ 4! 99.6! 20 1: 99.6 6
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 - 615 7.0%	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.0% 16	17 27 \$ 484 97.09% 1,010 600 613 7.0% 15	15 25 \$ 446 100.08% 1 2011 138 70 1,032 - 613 0 7.0%	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 - 615 7.0%	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0%	7.0 \$ 48 99.60 1. 20 1. 9 - 6 - 7.
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 - 615 7.0% 166 26	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.0% 166 25	17 27 \$ 484 97.09% 138 70 1,010 600 613 6 7.0%	15 25 \$ 446 \$ 100.08% 0 2011 138 70 1,032 	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 - 615 7.0% 15 24	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25	\$ 4! 99.6! 1. 99.6 9.
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 - 615 7.0%	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.0% 166 25	17 27 \$ 484 97.09% 138 70 1,010 600 613 6 7.0%	15 25 \$ 446 \$ 100.08% 0 2011 138 70 1,032 6 7.0% 15 15 24	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 - 615 7.0% 15 24 \$ 440	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25 \$ 451	\$ 4! 99.6! 1: 99.6! 5
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 - 615 7.0% 166 26	7.0% 17 27 \$ 481 97.23% 2009 138 700 1,092 - 613 7.0% 166 25 \$ 457	17 27 \$ 484 0 97.09% 138 70 1,010 600 613 5 7.0% 15 23 \$ 412	15 25 \$ 446 100.08% 100.08% 138 70 1,032 613 0 7.0% 15 24 \$ 445	7.0% 15 24 434 97.76% 2012 138 70 1,002 - 615 7.0% 15 24 4440	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25 \$ 451	7.0 \$ 4! 99.66 11: 99.66 6 7.1
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 - 615 7.0% 166 26 \$ 454	7.0% 17 27 \$ 481 97.23% 2009 138 700 1,092 - 613 7.0% 166 25 \$ 457	17 27 \$ 484 0 97.09% 138 70 1,010 600 613 5 7.0% 15 23 \$ 412	15 25 \$ 446 100.08% 100.08% 138 70 1,032 613 0 7.0% 15 24 \$ 445	7.0% 15 24 434 97.76% 2012 138 70 1,002 - 615 7.0% 15 24 4440	7.0% 15 24 \$ 445 96.48% 70 977 600 613 7.0% 15 25 \$ 451	\$ 44.
	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088	7.0% 17 27 \$ 481 97.23% 200 138 70 1,092 613 7.0% 16 25 \$ 457 97.10%	17 27 \$ 484 \$ 97.09% 138 700 1,010 600 613 7.00% 15 23 \$ 412 6 95.99%	15 25 \$ 446 \$ 100.08% 0 2011 138 70 1,032 	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25 \$ 451 93.84%	\$ 44. 99.56 1.20 9.66 1.30 9.66 1.30 9.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 - 615 7.0% 16 26 \$ 454 96.12%	7.0% 17 27 \$ 481 97.23% 200 138 70 1,092 613 7.0% 16 25 \$ 457 97.10%	17 27 \$ 484 \$ 97.09% 138 700 1,010 600 613 7.00% 15 23 \$ 412 6 95.99%	15 25 \$ 446 100.08% 100.08% 138 70 1,032 	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25 \$ 451 93.84%	\$ 44. 99.56 1.20 9.66 1.30 9.66 1.30 9.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7.0% 166 26 \$ 454 96.12%	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.09 16 25 \$ 457 97.10%	17 27 \$ 484 97.09% 138 70 1,010 600 613 67.0% 155 23 \$ 412 6 95.99%	15 25 \$ 446 \$ 100.08% 100.08% 100.08% 138 700 1,032 613 7.0% 152 445 6 91.83% 0 201 154	7.0% 15 24 434 97.76% 2012 138 70 1,002	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25 \$ 451 93.84% 2 2013	\$ 44 99.66 11. 99.66 12. 99. 6 6 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours Forced Outage Hours Fork - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7.0% 26 \$ 454 96.12% 2008 155	7.0% 17 27 \$ 481 97.23% 2009 138 700 1,092 - 613 7.0% 16 25 \$ 457 97.10%	17 27 \$ 484 0 97.09% 138 70 1,010 600 613 0 7.0% 23 \$ 412 6 96.99% 9 201 154	15 25 \$ 446 100.08% 100.08% 138 70 1,032 613 0 7.0% 15 24 \$ 445 6 91.83% 0 201 154	7.0% 15 24 434 97.76% 2012 138 70 1,002 - 615 7.0% 155 24 440 89.13%	7.0% 15 24 \$ 445 96.48% 700 977 600 613 7.0% 15 25 \$ 451 93.84% 2 2013	\$ 4! 99.6! 9
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7.0% 166 26 \$ 454 96.12%	7.0% 17 27 \$ 481 97.23% 2009 138 70 1,092 - 613 7.0% 16 25 \$ 457 97.10%	17 27 \$ 484 97.09% 138 70 1,010 600 613 7.0% 15 23 \$ 412 6 96.99%	15 25 \$ 446 100.08% 100.08% 138 70 1,032 613 0 7.0% 15 24 \$ 445 6 91.83% 0 201 154	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 - 615 7.0% 15 24 \$ 440 89.13% 2012 154 110 1,001	7.0% 15 24 \$ 445 96.48% 2 2013 138 70 977 600 613 7.0% 15 25 \$ 451 93.84% 2 2013	\$ 44 99.6 99.6 99.6 99.6 99.6 99.6 99.6 9
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7.0% 16 26 \$ 454 96.12% 2008 155 110 1,233	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.0% 16 25 \$ 457 97.10% 154 110 1,133 600	17 27 \$ 484 97.09% 138 70 1,010 600 613 5 7.0% 15 23 \$ 412 6 96.99% 9 201 1,207	15 25 \$ 446 100.08% 100.08% 100.08% 138 70 1,032 613 0 7.0% 15 24 \$ 445 0 91.83% 0 201 154 110 1,214	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 - 615 7.0% 15 24 \$ 440 89.13% 2012 154 110 1,001 1,176	7.0% 15 24 \$ 445 96.48% 70 977 600 613 7.0% 15 25 \$ 451 93.84% 110 1,220	\$ 44 99.6 99.6 99.6 99.7 66 9 7. \$ 44 9 86.5
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7,0% 166 26 \$ 454 96.12% 155 110 1,233	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.0% 16 25 \$ 457 97.10% 154 110 1,133 1,133	17 27 \$ 484 0 97.09% 138 700 1,010 600 613 0 7.00% 155 23 \$ 412 6 95.99% 154 110 1,207 701	15 25 \$ 446 \$ 100.08% 100.08% 100.08% 138 700 1,032 613 613 7.0% 155 24 \$ 445 6 91.83% 154 110 1,214 1701	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 615 7.0% 155 24 \$ 440 89.13% 110 1,001 1,176 703	7.0% 15 24 \$ 445 96.48% 2 2013 138 70 977 600 613 7.0% 155 \$ 451 93.84% 2 2013 134 110 1,220 701	\$ 4 99.6 99.6 99.6 7. \$ 4 99.6 7. \$ 4 99.6 1 1 1 1,2
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - %		7.0% 14 22 \$ 390 98.02% 700 1,088	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.0% 16 25 \$ 457 97.10% 154 110 1,133 6000 701 8.0%	17 27 \$ 484 97.09% 138 70 1,010 600 613 7.0% 15 23 \$ 412 6 96.99% 154 110 1,207 - 701 6 8.0%	15 25 \$ 446 100.08% 100.08% 138 70 1,032 613 0 7.0% 15 24 \$ 445 6 91.83% 110 1,214 	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 615 24 \$ 440 89.13% 110 1,001 1,176 703 6 8.0%	7.0% 15 24 445 96.48% 700 977 600 613 7.0% 15 25 \$ 451 0 93.84% 110 1,220 701 6 8.0%	\$ 4 99.6 1 2 9 6 6 7. \$ 4 b 86.5 3 2 1 1,2
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours FOR - % Num starts(.)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7.0% \$ 454 96.12% 2008 155 110 1,233 703 8.0%	7.0% 17 27 \$ 481 97.23% 2009 138 700 1,092 - 613 7.0% 166 25 \$ 457 97.10% 154 110 1,133 600 701 19 8.0%	17 27 \$ 484 97.09% 138 70 1,010 600 613 7.0% 155 23 \$ 412 6 96.99% 156 110 1,207 701 6 8.0%	15 25 \$ 446 100.06% 100.06% 138 70 1,032 613 0 7.0% 15 24 \$ 445 6 91.83% 110 1,214 	7.0% 15 24 434 97.76% 2012 138 70 1,002 - 615 24 \$ 440 89.13% 2012 1,176 703 8.0% 23	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25 \$ 451 93.84% 2013 154 110 1,220 701 6,8,0%	\$ 4 99.6 1 99.6
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - %		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092	17 27 \$ 484 97.09% 138 70 1,010 600 613 7.0% 15 23 \$ 412 6 96.99% 151 110 1,207 701 6 8.0%	15 25 \$ 446 \$ 100.08% 100.08% 100.08% 138 700 1,032 	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 615 7.0% \$ 440 \$ 89.13% 2012 154 110 1,010 1,176 703 0 8.0% 233	7.0% 15 24 \$ 445 96.48% 70 977 600 613 7.0% 15 \$ 451 93.84% 110 1,220 -701 6 8.0% 14 20	\$ 44 99.6 99.6 99.6 99.6 9 - 6 0 7. \$ 4 0 86.5 1 1,2 7 7 6 8.
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours FOR - % Num starts(.)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088 615 7.0% \$ 454 96.12% 2008 155 110 1,233 703 8.0%	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092	17 27 \$ 484 97.09% 138 70 1,010 600 613 7.0% 155 23 \$ 412 6 96.99% 156 110 1,207 701 6 8.0%	15 25 \$ 446 100.06% 100.06% 138 70 1,032 613 0 7.0% 15 24 \$ 445 6 91.83% 110 1,214 701 6 8.0% 16 17 17 17 18 19 10 10 10 10 10 10 10 10 10 10	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 615 7.0% \$ 440 \$ 89.13% 2012 154 110 1,010 1,176 703 0 8.0% 233	7.0% 15 24 \$ 445 96.48% 2013 138 70 977 600 613 7.0% 15 25 \$ 451 93.84% 2013 154 110 1,220 701 6,8,0%	\$ 44 99.6 99.6 99.6 99.6 9 - 6 0 7. \$ 4 0 86.5 1 1,2 7 7 6 8.
Coleman 2	Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours FOR - % Num starts(.) Start Fuel used(GBtu) Start cost(\$000) Max Capacity(MW) Min Capacity(MW) Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Outage Hours Forced Num starts(.) Start Fuel used(GBtu)		7.0% 14 22 \$ 390 98.02% 2008 139 70 1,088	7.0% 17 27 \$ 481 97.23% 2000 138 70 1,092 613 7.0% 166 25 \$ 457 97.10% 154 110 1,133 600 701 1,134 1,135 600 701 8.0%	17 27 \$ 484 97.09% 138 700 1,010 600 613 7.09% \$ 412 6 95.99% 154 110 1,207 701 6 8.0% 1 482	15 25 \$ 446 \$ 100.08% 100.08% 100.08% 138 700 1,032 613 6 7.0% 155 24 \$ 445 6 91.83% 101 1,214 110 1,214 101 1,214 101 1,214 101 1,214 101 1,214	7.0% 15 24 \$ 434 97.76% 2012 138 70 1,002 615 7.0% \$ 440 \$ 89.13% 2012 154 110 1,001 1,176 703 0 8.0% 233 311	7.0% 15 24 \$ 445 96.48% 70 977 600 613 7.0% 15 25 \$ 451 93.84% 110 1,220 701 8,0% 14 20 \$ 369	\$ 44 99.6 99.6 99.6 99.6 6, 7. \$ 4, 9 9 86.5 8 2 1 1 1, 2

Outage Report annual output - 12-15-07.xls.xls

ntityName			2008	2009	2010	2011	2012	2013	2014
Reid ST	Max Capacity(MW)		50	50	50	50	50	50	50
·	Min Capacity(MW)		40	40	40	40	40	40	40
	Generation(GWh)	1	94	22	3	68	-	18	23
	Planned Outage Hours		504	-	504				*
	Forced Outage Hours		878	876	876	876	878	876	876
	FOR - %		10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
	Num starts(.)	 	16	6	1	14		7	7
	Start Fuel used(GBtu)		15	5		13	-	7	7
	Start cost(\$000)		\$ 492	\$ 165	\$ 25	\$ 431	\$ -	\$ 217	\$ 223
	Can't coat(4000)		4	9 200		T			
- marine sand house before the marine and with the	***************************************								
Patibalia ma	<u> </u>	-	2008	2009	2010	2011	2012	2013	2014
EntityName	St. C	ļ			65		65	65	65
Reid GT	Max Capacity(MW)		65	65	- 03	65			, 03
	Min Capacity(MW)						8	7	9
	Generation(GWh)		2	3	4	- 6			
	Planned Outage Hours								
v-1, paper 14 to 11 11	Forced Outage Hours		, , ,		. 16/10/11		-	м	
	FOR - %			·	-		-		
-	Num starts(.)		76	egundaminasida aradolomik i. e	-		-	L	
	Start Fuel used(GBtu)			***********************		L	-	<u> </u>	ļ <u>-</u>
	Start cost(\$000)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EntityName			2008	2009	2010		2012	2013	2014
Green 1	Max Capacity(MW)	1	231	231	231	231	231	231	231
and become a second as the sta	Min Capacity(MW)		180	180	180	180	180	180	180
tage productive scalar is necessary to the second scalar in the second s	Generation(GWh)		1,848	1,947	1,779	1,911	1,807	1,848	1,636
and the desire when the bound of the second	Planned Outage Hours		504		672		504	-	1,224
	Forced Outage Hours	. A service of the section of the se	290	289	289	289	290	289	289
	FOR - %		3.3%	3,3%			3.3%	3.3%	3.3%
a agencia de la servició de la tenta prima de la constante de	Num starts(.)		7		8	13	14	13	18
	Start Fuel used(GBtu)		17	7 17	21	26	32	27	44
	Start cost(\$000)		\$ 551	\$ 552		\$ 833	\$ 1,044	\$ 879	\$ 1,437
	Start cost(4000)		100.42%	99.48%				·	
EntityName			2008	2009	2010	2011	2012	2013	2014
Green 2	Max Capacity(MW)	ļ	223	223	223	223	223	223	223
Green Z	Min Capacity(MW)		180	180	180		180	180	180
	Generation(GWh)	<u> </u>	1,801	1,699	1,835	1,493	1,799	1,722	1,855
			336	792	1,033	1,176	1,133	504	1,055
	Planned Outage Hours	 	290	289	289	289	290	289	289
	Forced Outage Hours								
	FOR - %		3.3%	3.3%				3.3%	3.3%
and the rate than a major magazine character	Num starts(.)	-	7	8	8			41	
	Start Fuel used(GBtu)		25	25	27				
	Start cost(\$000)		\$ 816	\$ 806				1	
			99,30%	99.21%	97.14%	91.81%	95.27%	96.94%	98.18%
		<u> </u>	2008	2009					
	1		4 100 4 70	1,738	1,737	1,737	1,737	1,737	1,737
Total	Max Capacity(MW)		1,743						
Total	Max Capacity(MW) Min Capacity(MW)		1,070	1,255	1,255	1,255	1,255	1,255	1,255
Total			1,070 12,511	1,255	1,255 12,726	1,255 12,253	12,373	12,308	12,537
Total	Min Capacity(MW)		1,070 12,511 3,960	1,255 12,431 3,384	1,255 12,726 2,448	1,255 12,253 3,624	12,373 3,024	12,308 2,280	12,537 2,400
Total	Min Capacity(MW) Generation(GWh)		1,070 12,511 3,960	1,255 12,431	1,255 12,726 2,448	1,255 12,253 3,624	12,373 3,024	12,308 2,280 5,046	12,537 2,400 5,046
Total	Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours		1,070 12,511	1,255 12,431 3,384 5,046	1,255 12,726 2,448 5,046	1,255 12,253 3,624 5,046	12,373 3,024 5,060	12,308 2,280 5,046	12,537 2,400 5,046
Total	Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours FOR - %		1,070 12,511 3,960 5,060 6,4%	1,255 12,431 3,384 5,046 6,4%	1,255 12,726 2,448 5,046 6.49	1,255 12,253 3,624 5,046 6 6.4%	12,373 3,024 5,060 6.4%	12,308 2,280 5,046 6.4%	12,537 2,400 5,046 6,4%
Total	Min Capacity(MW) Generation(GWh) Planned Outage Hours Forced Outage Hours		1,070 12,511 3,960 5,060	1,255 12,431 3,384 5,046	1,255 12,726 2,448 5,046 6,4%	1,255 12,253 3,624 5,046 6 6.4% 141	12,373 3,024 5,060 6.4% 125	12,308 2,280 5,046 6.4%	12,537 2,400 5,046 6.4%

Outage Report annual output - 12-15-07.xls.xls

tityName		2015	2016	2017	2018	2019	2020	2021	2022	202
B Wilson 1	Max Capacity(MW)	417	417	417	417	417	417	417	417	41
P MIIZOU T		325	325	325	325	325	325	325	325	325
	Min Capacity(MW)	3,196	3,380	2,904	3,380	3,201	3,369	3,216	3,371	3,19
	Generation(GWh)		168	1,224	168	672	168	672	168	67
	Planned Outage Hours	672				350	351	350	350	350
	Forced Outage Hours	350	351	350	350				4.0%	4.09
	FOR - %	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%		
	Num starts(.)	9	10	14	8	10	10	9	10	1
	Start Fuel used(GBtu)	50	52	81	46	57	54	50	52	5
	Start cost(\$000)	\$ 1,664	\$ 1,767	\$ 2,816	\$ 1,633	\$ 2,085	\$ 2,027	\$ 1,935	\$ 2,068 \$	2,39
	Steri Cost(\$000)	99.06%	98.37%	96.91%	98,35%	99.22%	98.05%	99.67%	98.10%	98.90
	, i, a as p t v letvere e	99.0070	30.37 70	50.31 70	30,3370					************
		2015	2016	2017	2018	2019	2020	2021	2022	20
ntityName		2015					152	152	152	15
MPL 1	Max Capacity(MW)	152	152	152	152	152				14
	Min Capacity(MW)	140	140	140	140	140	140	140	140	
u n'emmana de la company de la	Generation(GWh)	1,122	1,197	1,119	1,226	1,051	1,116	1,160	1,224	1,17
what there was a security or security plus - securi	Planned Outage Hours	504	-	672	*	1,176	672	504	-	67
	Forced Outage Hours	613	615	613	613	613	615	613	613	61
		7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.6
	FOR - %			14	12	21	14	13	15	
	Num starts(,)	15	15					24	28	
	Start Fuel used(GBtu)	28	28	26	23	38	26			(makin where element
	Start cost(\$000)	\$ 943	\$ 963	\$ 903	\$ 837	\$ 1,402	\$ 980	\$ 915		
		96.49%	96.57%	98.37%	98.91%	99.08%	98.12%	99.72%	98.72%	98.6
	The state of the s									
mate di la casa		2015	2016	2017	2018	2019	2020	2021	2022	20
ntityName	1	158	158	158	158	158	158	158	158	1
MPL 2	Max Capacity(MW)				140	140	140	140	140	1
	Min Capacity(MW)	140	140	140				1,254	1,190	1,2
	Generation(GWh)	1,261	1,173	1,246	1,149	1,222	1,047	1,234		
	Planned Outage Hours	-	504		672	•	1,176	*	504	***************************************
	Forced Outage Hours	701	703	701	701	701	703	701	701	7
	FOR - %	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.
	Num starts(.)	13	17	17	17	17	24	17	17	
	Start Fuel used(GBtu)	24	34	33	34	34	48	34	34	Augment Constructive Arms
			\$ 1,172	\$ 1,160	\$ 1,230	\$ 1,262	\$ 1,806	\$ 1,301	\$ 1,362	\$ 1,3
	Start cost(\$000)			<u> </u>			96,20%		99,58%	96.0
		98.89%	98,19%	97.69%	98.35%	95.88%	30.2078	30,32 70	33,30 70	
		1					3050	2024	2022	2
EntityName		2015	2016	2017	2018	2019	2020		2022	
Coleman 1	Max Capacity(MW)	149	149	149	149	149	149	149	149	1
	Min Capacity(MW)	70	70	70	70	70	70	70	70	
	Generation(GWh)	1,200	1,194	1,019	1,173	1,192	1,132	1,194	1,193	1,1
		1,200		1,176		-	504	-	-	5
	Planned Outage Hours	613	615	613	613	613	615	613	613	(
-	Forced Outage Hours	613								7
	FOR - %	7.0%	7.0%					15	15	
	Num starts(.)	15	15	18	15	15	15		24	
	Start Fuel used(GBtu)	24	23	28	24	24	24	23		
arere v a comment to be the	Start cost(\$000)	\$ 445	\$ 445	\$ 543	\$ 480	\$ 488	\$ 518		\$ 535	\$
		98.89%	98.37%	98.06%	96.67%	98.21%	99.41%	98.39%	98.29%	97.
them extended the control					1	1				
		2015	2016	2017	2018	2019	2020	2021	2022	
EntityName							138		138	
Coleman 2	Max Capacity(MW)	138	138	138		138			70	reserve to the comme
	Min Capacity(MW)	70	70	70	70	70	70			a or a web character
	Generation(GWh)	1,055	855	1,078	1,073	971	1,048	1,061	984	1,
	Planned Outage Hours	-	1,176	-	<u> </u>	600			504	
	Forced Outage Hours	613	615	613	613	613	615			Language of Arte
	FOR - %	7.0%		7.00	7.0%	7.0%	7.0%	7.0%	7.0%	7
		15	21						15	220,200
	Num starts(.)									
and the second second second second	Start Fuel used(G8tu)	24		erfirence, was a soul name			\$ 462			\$
	Start cost(\$000)	\$ 456			\$ 488					95.
		93.80%	88.95%	95.91%	6 95.47%	93.20%	6 93.249	6 94.35%	93.30%	95,
. w <u></u>				<u> </u>			<u> </u>			<u></u>
EntityName		2015	201	6 201	7 201	8 201	9 202	0 202		
	Max Capacity(MW)	154	154			154	154	154	154	
Coleman 3		110	110							
	Min Capacity(MW)								, _ 1 , _ 1 1 1 	1,
	Generation(GWh)	1,097	1,203							
	Planned Outage Hours	600	-	-	504			1,176		
	Forced Outage Hours	701	703	701						ļ
	FOR - %	8.0%	8.09	6 8.09	6 8.09					
	Num starts(.)	16					17	7 21	16	L.,
	5:4UII) 3U3 U									1
		ກາ) 75	, ,	<u> </u>	1 2*	2.	T 20		
- Alexandria - Ale	Start Fuel used(GBtu)	22								\$
			\$ 427	\$ 436	\$ 487	\$ 500) \$ 515	5 \$ 610	\$ 498	

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EntityName			2015		2016		2017	7	2018		2019		2020		2021		2022		2023
Reid ST	Max Capacity(MW)		50		50		50		50		50		50		50		50	· · · · · · · · · · · · · · · · · · ·	50
	Min Capacity(MW)	-	40		40		40		40	a arbina ir	40		40		40		40	·	40
a,	Generation(GWh)		12		42		62	· w	11	menter () (-		19		18		•		-
	Planned Outage Hours	1		mb+	-		- 1	* **** - *** , genterior **	-		-	4-4	*		- 1		-		-
water conservation at the Ne	Forced Outage Hours	4	876		878	,	876	*** - Is terror *	876		876		878		876		876		876
trategia practica de acceptante de la compansión de la co	FOR - %	ļ	10.0%		10.0%		10.0%		0.0%		10.0%	*****	10.0%	e	10.0%		10.0%	and the same	10.0%
	Num starts(.)				8	Owner - produce and a	5		3				3		3				*
	Start Fuel used(GBtu)				7		- 5		-21	notes to annual to the					2	e. e. delimina			~
M - M - A - M - M - M - M - M - M - M -	Start cost(\$000)			\$	239	*	162	Ś	87	\$		¢	89	*	94	\$		\$	
	Start cost(\$000)	13		*	239.	3	102]	3	87	4		7	1 60	-1	24 }	-		-	

	1							*******					20000				0000		2025
EntityName	1		2015		2016		2017	-	2018		2019		2020		2021		2022		2023
Reid GT	Max Capacity(MW)		65		65	were to see a minute	65	Form a heavishmen a Mil	65		65		65		65		65		65
	Min Capacity(MW)		-				-												_
many to the state of the state	Generation(GWh)		8		9		11		9		8		9	una marindr	9		9		9
The state of the s	Planned Outage Hours																		
	Forced Outage Hours	T	*		- 1		- 1		-		- }				-				_
any season of conference of the first	FOR - %			1	-		-	The part of the same of	-		-		*		-		- 1		-
removals pursues declarations reported to the	Num starts(,)	-	* .						-		-	******			-				-
	Start Fuel used(GBtu)		*				-	********	-		-		*		-				+
	Start cost(\$000)	\$		\$		\$	-	\$	-	\$		\$	errora e e e e e e e e e e e e e e e e e e e	\$	-	\$	-	\$	-
	Start cost(4000)			1		<u>, , , , , , , , , , , , , , , , , , , </u>		·								<u> </u>	***************************************		
	a and analysis are property and the distribution of the same and the analysis and the same and t		**/* +					******		ļ								******	
		_	2015	-	2016		2017		2018		2019		2020		2021		2022		2023
EntityName		<u> </u>	2015	<u></u>		L						L				<u> </u>			
Green 1	Max Capacity(MW)		231	ļ	231		231		231		231		231		231		231		231
	Min Capacity(MW)		180	L	180		180		180		180		180		180		180		180
	Generation(GWh)		1,946		1,746		1,910	1	,745		1,906		1,801	ļ	1,915		1,552		1,909
	Planned Outage Hours			<u> </u>	504		-		504				. 504				1,176		-
	Forced Outage Hours		289		290		289		289		289		290	Ĺ	289	<u></u>	289		289
	FOR - %		3.3%		3,3%		3.3%		3.3%		3.3%		3,3%		3.3%		3.3%		3.3%
	Num starts(.)		13		14		13		12		13		15		13		20		12
	Start Fuel used(GBtu)		20	1	34		23		28		23		34		25		48	_	23
	Start cost(\$000)	\$	660	\$	1,168	\$	819	\$	998	\$	839	\$	1,288	\$	955	\$	1,906	\$	921
			99.47%		94.90%		7,63%	94	.82%	í ·	97.42%	-	97.85%		97.85%		92.09%	_	97.56%
<u> </u>			3311770	+-	3113070			<u> </u>				<u> </u>		1		 			
<u></u>		+-	2015	<u> </u>	2016	 	2017		2018	 	2019	\vdash	2020	 	2021	 	2022	i	202
EntityName				۲.		<u> </u>	223	<u> </u>	-	ļ.—	223	ļ	223	-	223	 	223	<u> </u>	223
Green 2	Max Capacity(MW)		223	ــــــ	223	ļ			223	ļ					180		180		180
an manifer to the lens on this constitute	Min Capacity(MW)		180	ļ	180	ļ	180		180	ļ	180		180	ļ					
	Generation(GWh)		1,628	ļ	1,810	ļ	1,664	1	,739		1,526	ļ	1,775	ļ	1,732	<u> </u>	1,815	ļ	1,726
	Planned Outage Hours	17000011111	504	1	-		504		336	<u> </u>	1,176	J		J	504	ļ		ļ	504
	Forced Outage Hours		289	J.,.	290		289	4	289	<u></u>	289		290	<u> </u>	289	ļ	289		289
	FOR - %		3.3%		3.3%		3.3%	1	3.3%	l	3.3%		3.3%		3.3%	ļ	3.3%	ļ	3.3%
1101011 12000-000-10-10-10-	Num starts(.)		13		11		14		12	1	21	1	12	1	13	1	12	1	15
1	Start Fuel used(GBtu)		38	1	23]	40		32] .	64]	22	İ	37	1	27	L	42
	Start cost(\$000)	\$	1,262	\$	774	\$	1,413	\$ 1	,149	\$	2,342	\$	843	\$	1,425	\$	1,056	\$	1,704
		_	91.62%	,	95.82%		3.65%	95	.84%		93.83%	1	93,96%		97.47%	1	96.09%		97,169
.,	Committee to the one of the committee of the committee of the			1		†			ren e milia	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1		1	** **	T	*****	Γ. –	
 	·		2015	<u> </u>	2016	j	2017		2018		2019	1	2020	Т	2021	T-	2022	Г	202
	Max Capacity(MW)		1,737	+	1,737	 	1,737		,737	-	1,737	1-	1,737	1-	1,737	1	1,737	1-	1,737
Total			1,757	+	1,255		1,255		1,255	+	1,255	+	1,255	 	1,255	i	1,255	t	1,255
a tak aktiva i takk may akabu .e.e w	Min Capacity(MW)		1,400			· 	12,218		2,630		12,244		12,516	+	12,599	-	12,559	 	12,582
J	Generation(GWh)		12,526	-	12,611					+		+		+		1-	2,352	 	2,352
1	Planned Outage Hours		2,280		2,352	4-	3,576		2,184	-	3,624	-	3,024	-	2,856	 		┼	
<u> </u>	Forced Outage Hours		5,046		5,060	<u> </u>	5,046		5,046		5,046	-	5,060	-	5,046	 	5,046	-	5,046
<u> </u>	FOR - %		6.4%		6.4%	1	6.4%	1	5.4%)	6.4%	4	6.4%		6.4%	4-	6.4%	4	6.49
	Num starts(.)		109		127		123		111		129	_	124	1	119	1_	119	<u> </u>	11(
1	Start Fuel used(GBtu)	1	230	1.	256		278	l	238		289		256	1	246	1	259		246
	Start cost(\$000)	\$	6,658	4	7,567	\$	8,640	\$ 7	7,389	4	9,431	\$	8,530	\$	8,282	\$	9,101	1 \$	8,871

tyName	I	2008	2009	2010	2011	2012	2013	2014	201
Wilson 1	Max Capacity(MW)	419	417	417	417	417	417	417	417
AAIISOII T	Min Capacity(MW)	200	325	325	325	325	325	325	325
- vi recess	Generation(GWh)	3,078	2,967	3,331	3,109	3,297	2,949	3,310	3,196
	Annual Cap. Fac.	83.62%	81.22%		85.12%	90.01%	80.74%	90.61%	87.509
		34,196	32,943	37,077	34,632	36,191	31,803	35,707	34,467
	Fuel used(GBtu)	1,486,778	1,432,318		1,505,741	1,573,503	1,382,755	1,552,458	1,498,330
	Coal(Tons)	11.111	11,104		11.139	10.977	10.783	10.787	10.782
	Heat Rate							\$ 63,558	\$ 62,03
	Fuel cost(\$000)	\$ 53,346						\$ 1.780	\$ 1.800
	Fuel Cost per MMBTu	\$ 1.560	\$ 1.256					\$ 8,838	\$ 8,75
	VOM cost(\$000)	\$ 5,851	\$ 7,328					\$ 2,670	\$ 2.74
Ç	VOM per MWh	\$ 1,901	\$ 2.470		\$ 2.620		\$ 2.600 9.18	10.03	9.20
	Num starts(.)	11,17	10.17	11.00	10.03	10.03		54	5.2.0
	Start Fuel used(G8tu)	69	66		55	52	56		
*****************	Start cost(\$000)	\$ 2,206	\$ 2,127		\$ 1,783	3		\$ 1,760	\$ 1,66
	SO2(ktons)	10.003	9.637	10.846	10.131	10.586	9.303	10.445	10.08
	SO2 Emit Rate	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.5
	SO2 cost(\$000)	\$ 7,782	\$ 8,220	\$ 9,555	\$ 8,287	\$ 8,384	\$ 6,949	\$ 8,220	\$ 9,14
	NOx(ktons)	0.382	0.983		0.994	1.045	0.915	1.030	0.99
			0.00		0.06	0.06	0.06	0.06	0.0
(NOx Emit Rate	\$ 292	\$ 2,799		\$ 2,142	\$ 2,074	\$ 1,738	\$ 1,965	\$ 1,85
	NOx cost(\$000)	\$ 23Z	\$ 2,79	3 2,037	4 2,112	4, 5	4 4//		
	The state of the s			F0.455	# F4 F25	\$ 65,203	\$ 65,790	\$ 74,156	\$ 72,45
	Total Operating Cost (\$000)	\$ 61,402	\$ 50,83		\$ 54,535		war and a second		\$ 22.6
,	Op Cost per MWh	\$ 19.95	\$ 17.1.		\$ 17.54	\$ 19.78			
	Total Emissions Cost (\$000)	\$ 8,074			\$ 10,429		\$ 8,687		designation of the second
array of some forester or	Emit Cost per MWh	\$ 2.62	\$ 3.7		\$ 3.35	\$ 3.17	\$ 2,95	\$ 3.08	1
		197.53	209.2	5 210.25	177.81	166.99	199.32	175.55	180.7
********	enter contentant describer backs in productive content of the second of	- the military matter appropriate a second or to	T		1				
tityName		2008	.200	9 2010	2011	2012	2013	2014	
	Max Capacity(MW)	153	15		152	152	152	152	1.
MPL 1		110			140	140	140	140	14
	Min Capacity(MW)	1,210			1,038	1,214	1,142	1,213	1,1
	Generation(GWh)					90.79%	85.66%	90.95%	84.1
	Annual Cap. Fac.	90.17%			11,237	13,145	12,366	13,135	12,1
	Fuel used(GBtu)	13,055					537,640	571,073	528,4
	Coal(Tons)	567,623			488,558	571,542			10.8
m-m>	Heat Rate	10.794			10.829	10.830	10.827	10.831	
	Fuel cost(\$000)	\$ 20,627	\$ 19,20	3 \$ 22,605		\$ 22,899	\$ 21,764	\$ 23,248	
	Fuel Cost per MMBTu	\$ 1.580	\$ 1.58	0 \$ 1.735		\$ 1.742	\$ 1.760	\$ 1.770	
*****	VOM cost(\$000)	\$ 2,921			\$ 3,570	\$ 4,527	\$ 4,386	\$ 4,778	
		\$ 2,415				\$ 3,730	\$ 3.840	\$ 3.940	\$ 4.4
	VOM per MWh	15.38			21.35	12.53	13.80	15.04	15.0
	Num starts(.)	29		8 30		24	26	28	
	Start Fuel used(G8tu)					\$ 763	\$ 842	\$ 928	
	Start cost(\$000)	\$ 916				2.169	2.041	2.167	
	0 SO2(ktons)	2.154					0.33	0.33	
	SO2 Emit Rate	0.33				0.33		\$ 1,706	
	SO2 cost(\$000)	\$ 1,676				\$ 1,718	\$ 1,524		
	0 NOx(ktons)	0.200				0.550	0.518	0.549	
	NOx Emit Rate		0.0			0.08	0.08	0.08	
	NOx cost(\$000)	\$ 153	3 \$ 1,4	36 \$ 1,316	\$ 1,014	\$ 1,092	\$ 984	\$ 1,049) \$ 9
						İ			
	Total Operating Cost (\$000)	\$ 24,46	4 \$ 23,3	36 \$ 27,254	\$ 24,334	\$ 28,189	\$ 26,992	\$ 28,954	
	Op Cost per MWh	\$ 20.2		79 \$ 22.6	5 \$ 23.45	\$ 23.22	\$ 23.63	\$ 23.88	
	Total Emissions Cost (\$000)	\$ 1,82			\$ 2,531	\$ 2,810	\$ 2,508	\$ 2,755	5 \$ 2,7
	Emit Cost per MWh	\$ 1.5		80 \$ 2.6		\$ 2.31			7 \$ 2
	Emit Cost per Pivit	_ 4	-	7					
	and the second section of the contract of the second secon					1	1		
		200	201 20	009 201	0 201	201	2013	201	4
ntityName		200				150	150	451	S .
	Max Capacity(MW)	15		58 15					
IMPL 2				40 14	0 140	140			
IMPL 2	Min Capacity(MW)							1,18	
IMPL 2	Min Capacity(MW) Generation(GWh)	1,13		66 1,17					
IMPL 2	Generation(GWh)		% 91.4	66 1,17 3% 84.77	% 90.60%	76,10%	90.38%	6 85.18	
IMPL 2	Generation(GWh) Annual Cap. Fac.	1,13	% 91.4	66 1,17 3% 84.77 17 12,73	% 90.60% 3 13,612	76,10% 11,466	90.38% 13,578	6 85.18 ⁶ 12,79	7 13,
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)	1,13 81.24 12,23	% 91.4 9 13,7	66 1,17 3% 84,77 17 12,73	% 90.60% 3 13,612	76,10% 11,466 498,514	90.389 13,578 590,358	6 85.189 12,79 556,38	7 13, 0 594,
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons)	1,13 81.24 12,23 532,14	% 91.4 9 13,7 5 596,3	66 1,17 3% 84.77 17 12,73 88 553,62	% 90.60% 3 13,612 9 591,814	76.10% 11,466 498,514 10.842	90.38% 13,578 590,358 10.841	6 85.189 12,79 556,38 10.84	7 13, 0 594, 0 10.
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	1,13 81,24 12,23 532,14 10,80	% 91.4 9 13,7 5 596,3 7 10.8	66 1,17 3% 84.77 17 12,73 88 553,62 39 10.83	% 90.60% 3 13,612 9 591,814 9 10.841	76.10% 11,466 498,514 10.842	90.38% 13,578 590,358 10.841	6 85.189 12,79 556,38 10.84	7 13, 0 594, 0 10.
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	1,13 81.24 12,23 532,14 10.80 \$ 19,33	% 91.4 9 13,7 5 596,3 7 10.8	66 1,17 3% 84.77 17 12,73 88 553,62 39 10.83	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657	76.10% 11,466 498,514 10.842 \$ 19,973	90.38% 13,578 590,358 10.841 \$ 23,898	6 85.18 12,79 556,38 10.84 3 \$ 22,65	7 13, 0 594, 0 10. 0 \$ 24,
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	1,13 81,24 12,23 532,14 10,80 \$ 19,33 \$ 1,58	% 91.4 9 13.7 5 596,3 7 10.8 8 \$ 21,6	66 1,17 3% 84.77 17 12,73 88 553,62 39 10.83 73 \$ 22,09 80 \$ 1.73	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.738	76,10% 11,466 498,514 10,842 \$ 19,973 \$ 1,742	90.38% 13,578 590,358 10,841 \$ 23,898 \$ 1,760	6 85.18 ⁴ 12,79 556,38 10.84 3 \$ 22,65 0 \$ 1.77	7 13, 0 594, 0 10, 0 \$ 24, 0 \$ 1.
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used (GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000)	1,13 81.24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75	% 91.4 9 13,7 5 596,3 7 10.8 8 \$ 21,6 60 \$ 1.5	66 1,17 3% 84,77 17 12,73 88 553,62 39 10.83 73 \$ 22,09 80 \$ 1.73 45 \$ 3,60	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.738 7 \$ 4,319	76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1,742 \$ 3,945	90.38% 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,809	6 85.184 12,79 556,38 10.84 \$ 22,65 \$ 1.77 9 \$ 4,65	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5,
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	1,13 81.24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2.43	% 91.4 9 13,7 5 596,3 7 10.8 8 \$ 21,6 0 \$ 1.5 4 \$ 3,6	66 1,17 3% 84,77 17 12,73 88 553,62 39 10.83 73 \$ 22,09 880 \$ 1.73 45 \$ 3,60 880 \$ 3.07	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.738 7 \$ 4,315 0 \$ 3.440	76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1,742 \$ 3,945 \$ 3,730	90.38% 13,578 590,358 10.841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 3.840	6 85.18' 12,79 1 556,38' 10.84 3 \$ 22,65 0 \$ 1.77 0 \$ 4,65 0 \$ 3.94	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5,
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	1,13 81,24 12,23 532,14 10,80 \$ 19,33 \$ 1,58 \$ 2,75 \$ 2,43 18,7	% 91.4 9 13,7 5 596,3 7 10.8 8 \$ 21,6 10 \$ 1.5 14 \$ 3,6 11 \$ 2.8 5 17.	66 1,17 3% 84.77 17 12,73 88 553,62 39 10.83 773 \$ 22,09 80 \$ 1,73 45 \$ 3,60 80 \$ 3.07 00 18.2	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.738 7 \$ 4,319 0 \$ 3,440 9 17.0 5	76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22,74	90.38% 13,578 590,358 10.841 \$ 23,698 \$ 1.760 \$ 4,809 \$ 3.840	6 85.18 12,79 556,38 10.84 \$ 22,65 \$ 1.77 0 \$ 4,65 0 \$ 3.94	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5, 0 \$ 4. 5 12
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	1,13 81.24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2.42 18.7	% 91.4 9 13,7 5 596,3 7 10.8 8 \$ 21,6 0 \$ 1.5 4 \$ 3,6 11 \$ 2.6 5 17.	66 1,17 3% 84,77 17 12,73 88 553,62 39 10,83 73 \$ 22,09 80 \$ 1,73 45 \$ 3,60 80 \$ 3,07 00 18,2	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.738 7 \$ 4,315 0 \$ 3,440 9 17.05	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3.730 22,74	90.38% 13,578 590,358 10.841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 3.840 17.05	6 85.18 12,79 1556,38 10.84 10.84 1 \$ 22,65 1 \$ 1.77 0 \$ 4,65 1 \$ 3.94 1 17.00 4 3 3	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5, 0 \$ 4. 5 12
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	1,13 81,24 12,23 532,14 10,80 \$ 19,33 \$ 1,53 \$ 2,75 \$ 2,42 18,7	% 91.4 9 13,7 5 596,3 7 10.8 8 \$ 21,6 10 \$ 1.5 44 \$ 3,6 11 \$ 2.8 5 17.	66 1,17 39% 84.77 17 12,73 188 553,62 339 10.83 773 \$ 22,09 880 \$ 1.73 45 \$ 3,60 18.2 34 33 100 \$ 1,18	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.738 7 \$ 4,319 0 \$ 3,440 9 17.05 7 34 9 \$ 1,081	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 4 \$ 1,425	90.38% 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,805 \$ 3,846 17.05	6 85.18 12,79 556,38 10.84 \$ 22,65 0 \$ 1.77 0 \$ 4,65 0 \$ 3,94 17.00 4 3 3 \$ 1,13	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5, 0 \$ 4. 5 12 4 4 10 \$ \$
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	1,13 81.24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2.42 18.7	% 91.4 9 13,7 5 596,3 7 10.8 8 \$ 21,6 10 \$ 1.5 44 \$ 3,6 11 \$ 2.8 5 17.	666 1,17 3% 84,77 17 12,73 88 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 \$ 3,60 880 \$ 3.07 00 18.2 100 \$ 1,16 64 2.10	% 90.60% 3 13,612 9 591,814 3 \$ 23,657 5 \$ 1.738 77 \$ 4,319 0 \$ 3,440 9 17.03 19 \$ 1,081	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 4 44 \$ 1,425 1.892	6 90.38% 13,578 590,358 10.841 \$ 23,698 \$ 1,760 \$ 4,805 \$ 3,844 17.05 \$ 1,086	6 85.18 12,79 556,38 10.84 5 \$ 22,65 7 \$ 4,65 0 \$ 3,94 17,00 1 3 3 \$ 1,13 2.11	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5, 0 \$ 4. 5 12 4 0 \$ 2.
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons)	1,13 81,24 12,23 532,14 10,80 \$ 19,33 \$ 1,53 \$ 2,75 \$ 2,42 18,7	% 91.4 9 13,7 5 596,3 77 10.8 8 \$ 21,6 80 \$ 1.5 14 \$ 3,6 11 \$ 2.8 5 17. 16 10 2.2 33 0	666 1,17 376 84,77 17 12,73 188 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 445 \$ 3,662 880 \$ 3,07 00 18.2 34 3 100 \$ 1,18 64 2.10	% 90.60% 3 13,612 9 10.841 9 10.843 3 \$ 23,657 5 \$ 1.733 7 \$ 4,3112 6 \$ 17.05 77 \$ 3.441 9 17.05 11 2.244	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 4 4 \$ 1,425 1.892 1.892	6 90.38% 13,578 590,358 10.841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 3.844 17.05 \$ 1,086 \$ 1,086 \$ 2.241	6 85.18 12,79 556,38 10.84 6 \$ 22,65 1,77 2 \$ 4,65 0 \$ 3,94 17,0 4 3 3 \$ 1,13 2.11 3 0.3	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5, 0 \$ 4. 5 12 4 0 \$
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts() Start Fuel used(GBtu) Start cost(\$000) 0 SO2(Ktons) SO2 Emit Rate	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2,42 18.7 \$ 1,16 2,02	% 91.4 9 13,7 5 596,3 77 10.8 8 \$ 21,6 80 \$ 1.5 14 \$ 3,6 11 \$ 2.8 5 17. 16 10 2.2 33 0	666 1,17 376 84,77 17 12,73 188 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 445 \$ 3,662 880 \$ 3,07 00 18.2 34 3 100 \$ 1,18 64 2.10	% 90.60% 3 13,612 9 10.841 9 10.843 3 \$ 23,657 5 \$ 1.733 7 \$ 4,3112 6 \$ 17.05 77 \$ 3.441 9 17.05 11 2.244	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1,742 \$ 3,745 22.74 4 \$ 1,425 6 0.33 \$ 1,495	90.389 13,578 590,358 10.841 \$ 23,898 \$ 1,760 \$ 4,800 \$ 3,844 17.05 \$ 1,086 \$ 1,086 \$ 0,33 \$ 1,674	6 85.18 12,79 1556.38 10.84 1 \$ 22,65 1 \$ 1.77 1 \$ 4,65 1 \$ 17.00 \$ 17.00 \$ 17.00 \$ 1.13 1 \$ 2.11 1 \$ 3 3 0.33 \$ 1,13 1 \$ 2.11 1 \$ 3 1 0.34 \$ 1,66	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1. 1 \$ 5, 0 \$ 4. 5 12 4 2 2. 33 2 3
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used (GBtu) Coal(Tons) Heat Rate Fuel cost (\$000) Fuel Cost per MMBTU VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used (GBtu) Start cost (\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2.43 18.7 \$ 1,16 2.02 0.3 \$ 1,55	% 91.4 9 13,7 5 596,3 7 10.8 8 \$ 21,6 10 \$ 1.8 14 \$ 3,6 15 17. 16 2.8 17 2.8 18 1,1 19 2.8 10 2.8 10 2.8 11 \$ 2.8 11 \$ 2.8 12 2.8 13 3.6 14 \$ 3,6 15 3.6 17 3.6 18 3.6 1	666 1,17 39% 84,77 17 12,73 88 553,62 339 10.83 773 \$ 22,09 880 \$ 1.73 45 \$ 3.60 800 18.2 34 3 1000 \$ 1,18 64 2.10 33 0.33 30.33 1,188	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.738 7 \$ 4,319 0 \$ 3,444 9 17.05 7 3.99 \$ 1,08: 13 2,246 33 0.33	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1,742 \$ 3,945 22,74 44 \$ 1,425 1.892 3 0,33 7 \$ 1,495	b 90.38% 13,578 590,358 10.841 \$ 23,698 \$ 1.760 \$ 4,800 \$ 3.840 17.05 3 3.840 \$ 2.241 \$ 0.33 \$ \$ 1,676	6 85.18 12.79 1556.38 10.84 10	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1 \$ 5, 0 \$ 4. 5 12 4 0 \$ 22. 3 0.
MPL 2	Generation(GWh)	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2,42 18.7 \$ 1,16 2,02	% 91.4 9 13.7 5 596.3 8 \$ 21.6 10 \$ 1.5 4 \$ 3.6 11 \$ 2.6 5 17. 60 2.2 71 \$ 1.5 5 0.5 61 5.5 61 7. 65 6. 65 7. 66 6. 67 7. 67 7. 68 8. 69 7. 60 8. 60 9. 60	666 1,17 376 84,77 17 12,73 88 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 880 \$ 1.73 880 \$ 3,00 18.2 334 3 3 1000 \$ 1,18 64 2.10 33 0.3 33 0.3 351 \$ 1,88	% 90.609 3 13,612 9 591,814 9 10.841 3 \$ 23,65; 7 \$ 4,315 0 \$ 3,440 9 17.05 7 3,03 1 2,246 33 0,33 9 1,585	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1,742 \$ 3,945 \$ 3,735 22.74 44 \$ 1,425 1.892 5 0.33 7 \$ 1,499	b 90.38% 13,578 590,358 10.841 \$ 23,898 \$ 1.760 \$ 4,800 \$ 3.840 17.05 3 3.840 2.241 \$ 0.33 \$ \$ 1,676	6 85.18 12.79 1556.38 10.84 10	7 13, 0 594, 0 10. 0 \$ 24, 0 \$ 1 \$ 5, 0 \$ 4. 5 12 4 0 \$ 22. 3 0.
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons) NOx Emit Rate	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2.75 \$ 2.42 18.7 2.02 0.3 \$ 1,51 0.19	% 91.4 9 13,7 55 596,3 77 10.8 8 \$ 21.6 10 \$ 1.5 4 \$ 3,6 11 \$ 2.6 5 17. 10 2.2 33 0 71 \$ 1,0 5 0.5	666 1,17 3% 84,77 17 12,73 88 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 880 \$ 3.67 880 \$ 1.73 60 18.2 100 \$ 1.16 64 2.10 33 0.3 31 \$ 1.88 91 \$ 1.73 91 \$ 1.89	% 90.60% 3 13,612 9 591,814 9 10.84 3 \$ 23,657 5 \$ 1.73 7 \$ 4,313 0 \$ 3.44 9 17.05 7 3 3 9 1,08 1 2,246 33 0,3 1 \$ 1,83 9 0,566	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 44 \$ 1,422 1.892 6 0.33 \$ \$ 1,499 6 0.476	b 90.389 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 1,086 \$ 1,086 \$ 2,241 0 0.33 0 \$ 1,674	6 85.18* 12,79 1 556.38* 10.84 6 \$ 22,65 7 \$ 4,65 7 \$ 4,65 7 \$ 3,94 7 \$ 1,13 8 \$ 1,13 8 \$ 0.3 9 \$ 1,66 9 \$ 0.53 8 \$ 0.0	7 13, 0 594, 0 10. 0 \$24, 0 \$1. 1 \$5, 0 \$4. 0 \$1. 2 \$2. 3 \$0. 0 \$
MPL 2	Generation(GWh)	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2.75 \$ 2.42 18.7 2.02 0.3 \$ 1,51 0.19	% 91.4 9 13,7 55 596,3 77 10.8 8 \$ 21.6 10 \$ 1.5 4 \$ 3,6 11 \$ 2.6 5 17. 10 2.2 33 0 71 \$ 1,0 5 0.5	666 1,17 376 84,77 17 12,73 88 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 880 \$ 1.73 880 \$ 3,00 18.2 334 3 3 1000 \$ 1,18 64 2.10 33 0.3 33 0.3 351 \$ 1,88	% 90.60% 3 13,612 9 591,814 9 10.84 3 \$ 23,657 5 \$ 1.73 7 \$ 4,313 0 \$ 3.44 9 17.05 7 3 3 9 1,08 1 2,246 33 0,3 1 \$ 1,83 9 0,566	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 44 \$ 1,422 1.892 6 0.33 \$ \$ 1,499 6 0.476	b 90.389 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,805 \$ 1,086 \$ 1,086 \$ 1,086 \$ 2,241 \$ 0,33 \$ 1,676 \$ 0,565	6 85.18* 12,79 1 556.38* 10.84 6 \$ 22,65 7 \$ 4,65 7 \$ 4,65 7 \$ 3,94 7 \$ 1,13 8 \$ 1,13 8 \$ 0.3 9 \$ 1,66 9 \$ 0.53 8 \$ 0.0	7 13, 0 594, 0 10. 0 \$24, 0 \$1. 1 \$5, 0 \$4. 0 \$1. 2 \$2. 3 \$0. 0 \$
MPL 2	Generation(GWh)	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2.43 18.7 \$ 1,16 2.02 0.3 \$ 1,55 0.19	% 91.4 9 13.7,7 10.0,8 10 \$ 1.5,0 10 \$ 1.5,0 11 \$ 2.2,0 11 \$ 2.2,0 12 \$ 1.5,0 13 \$ 2.2,0 14 \$ 3.5,0 15 \$ 1.7,0 16 \$ 1.7,0 17 \$ 1.7,0 18 \$ 2.2,0 18 \$ 2.2,0 18 \$ 3.5,0 19 \$ 1.7,0 19 \$ 1.7,0 10 \$ 1.7,0	666 1,17 39% 84,77 17 12,73 88 553,62 339 10.83 79 \$ 22,09 880 \$ 1.73 945 \$ 3,60 880 \$ 3.07 00 \$ 18,22 34 3 100 \$ 1,18 64 2.10 33 0.3 33 0.3 33 1,8 74 0.52 0.88 0.0	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.733 7 \$ 4,312 9 17.05 77 3.344 9 17.05 11 2.244 13 0.35 11 \$ 1,83 9 0.565 10 8 0.00 75 \$ 1,22	76.10% 11,466 498,514 10.842 19,973 1.742 \$ 3,945 1,422 1.892 1,892 3 0.33 7 \$ 1,499 0.476 3 0.00 5 \$ 944	90.389 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 3.844 17.05 \$ 1,088 \$ 1,088 \$ 1,070 \$ 1,674 \$ 0.567 \$ 0.567 \$ 1,070	6 85.18* 12,79 1556.38 10.84 1 \$ 22,65 1 \$ 1.77 1 \$ 4,65 1 \$ 3.94 1 17.00 1 \$ 3.94 1 \$ 1,66 7 0.53 8 0.0 8 \$ 1,01	7 13, 0 594, 0 10, 0 \$ 24, 0 \$ 4, 1 \$ 5, 0 \$ 4, 5 12; 4 0 \$ 22, 2. 2. 3 0.
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) O SO2(ktons) SO2 Emit Rate SO2 cost(\$000) O NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000)	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.55 \$ 2,75 \$ 2.42 18.7 \$ 1,10 2.02 0.3 \$ 1,55 0.19	% 91.44 9 13.7,5 15 596,3 7 10.8 8 \$ 21,6 14 \$ 3.6 15 \$ 1.7 15 \$ 1	666 1,17 376 84,77 17 12,73 88 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 880 \$ 1.73 880 \$ 3,00 18.2 334 3 1000 \$ 1,18 64 2.10 33 0.3 931 \$ 1,88 74 0.52 .08 0.635 \$ 1,2:	% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,65; 5 \$ 1.738 10 \$ 3,440 9 17.05; 7	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 1 \$ 1,425 1.892 3 0.33 7 \$ 1,495 0.476 3 0.085 9 \$ 25,34	b 90.389 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 3,840 17.05 \$ 1,080 \$ 1,607 \$ 0.567 \$ 0.567 \$ 0.567 \$ 1,070	6 85.18* 12,79 1 556,38 10.84 6 \$ 22,65 7 1,70 9 \$ 4,65 1 17.00 1 3 3 \$ 1,13 2.11 3 0.3 4 \$ 1,66 7 0.53 8 0.0 8 \$ 1,01	7 13, 0 594, 0 594, 0 \$ 1. 1 \$ 5, 0 \$ 4. 1 20 0 \$ 2. 3 3 0. 8 8 \$ 1
IMPL 2	Generation(GWh)	1,13 81,24 12,23 532,14 10.80 \$ 19,33 \$ 1.58 \$ 2,75 \$ 2.43 18.7 2.02 0.3 \$ 1,56 0.19	% 91.49 9 13.7,7 9 13.7,7 10.6.8 8 \$ 21.6 10 \$ 1.5 11 \$ 2.6 11 \$ 2.6 11 \$ 2.6 11 \$ 1.7 11 \$ 1	666 1,17 376 84,77 17 12,73 88 553,62 339 10.83 373 \$ 22,09 880 \$ 1.73 880 \$ 1.73 800 18.2 300 18.2 31 000 \$ 1,16 64 2.10 33 0.3 931 \$ 1,88 74 0.52 .08 0.6 635 \$ 1,2	9% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.735 7 \$ 4,311 0 \$ 3.444 9 17.05 7 3 3.9 9 1,083 1 2,244 33 0,33 11 \$ 1,83 9 0,565 88 0,00 75 \$ 1,22	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 44 1,422 1,892 0,033 \$ 1,499 0,476 3 0.00 5 \$ 941	b 90.389 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,805 \$ 3.846 17.05 \$ 1,088 \$ 1,088 \$ 0,33 \$ 1,070 \$ 0,567 \$ 0,567 \$ 0,570 \$ 1,070 \$ 1,070 \$ 2,795 \$ 23,795 \$ 23,795 \$ 23,795 \$ 23,795	6 85.18* 12,79 1 556,38* 10.84 3 \$ 22,65 1 \$ 1.77 9 \$ 4,65 1 \$ 3,94 1 17.00 4 \$ 3,6 3 \$ 1,13 4 \$ 1,66 6 \$ 1,03 6 \$ 1,03 6 \$ 1,03	7 13, 0 594, 0 594, 0 10. 0 20, 0 \$24, 0 \$1. 1 \$5, 0 \$4, 0 \$1. 1 \$5, 12 4 4 2 2. 33 0. 88 \$1. 88 \$1.
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) O SO2(ktons) SO2 Emit Rate SO2 cost(\$000) O NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000)	\$ 1,13 81,24 12,23 532,14 10,86 \$ 19,33 \$ 1,58 \$ 2,75 \$ 2,43 18,7 \$ 1,16 2,02 0,3 \$ 1,5 \$ 2,75 \$ 2,43 18,7 9 1,16 2,02 0,3 \$ 1,5 9 2,75 \$ 2,43 18,7 9 1,16 19 3,16 19	% 91.49 9 13.7 9 13.7 13.7 10.0.8 8 \$ 21,6 0 \$ 1.5 11 \$ 2.6 5 17 10.0 10 \$ 1.5 11 \$ 2.6 10 \$ 1.5 10 \$ 2.2 10 \$ 1.7 10 \$ 1.7 10 \$ 1.7 10 \$ 2.2 10 \$ 1.7 10 \$	666 1,17 396 84,77 17 12,73 88 555,62 339 10.83 773 \$ 22,09 880 \$ 1.73 45 \$ 3.60 00 18.2 34 3 100 \$ 1,18 64 2.10 00 \$ 1,18 64 2.10 00 \$ 1,18 64 2.10 00 \$ 1,18 64 2.10 01 \$ 1,28	% 90.60% 3 13,612 9 10.841 9 10.843 3 \$ 23,657 5 \$ 1.733 7 \$ 4,3112 7 \$ 4,3112 1 2.244 13 0.33 11 \$ 1,833 9 0.565 9 0.565 \$ 1,22 88 \$ 29,05 89 \$ 23,1	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 44 1 \$ 1.422 1.892 3 0.33 7 \$ 1,499 3 0.00 5 \$ 94!	b 90.389 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 3.844 17.05 3.6 \$ 1,088 \$ 1,760 \$ 3,844 17.05 3.6 \$ 1,088 \$ 1,088 \$ 1,070 3 \$ 1,070 3 \$ 1,070 3 \$ 1,070 3 \$ 1,070 3 \$ 1,070 3 \$ 1,070 3 \$ 1,070 4 \$ 29,799 5 \$ 23,774 4 \$ 2,75	6 85.18* 12,79 1 556.38* 1 0.84 1 \$ 22,65 0 \$ 1.77 0 \$ 4,65 0 \$ 3.94 1 17.00 1 \$ 1,13 1 0.3 1 \$ 1,13 3 0.3 4 \$ 1,66 7 0.53 8 \$ 1,01 5 \$ 28,43 9 \$ 24,6	7 13,0 594,0 10.0 594,0 10.0 \$24,0 \$2.4 12.0 \$2.4 12.0 \$2.2 \$2.3 0.0 \$88 \$1.3 \$1.3 \$30.0 \$8.8 \$1.3 \$30.0 \$30
IMPL 2	Generation(GWh)	\$ 1,13 81,24 12,23 532,14 10,86 \$ 19,33 \$ 1,58 \$ 2,75 \$ 2,43 18,7 \$ 1,16 2,02 0,3 \$ 1,5 \$ 2,75 \$ 2,43 18,7 9 1,16 2,02 0,3 \$ 1,5 9 2,75 \$ 2,43 18,7 9 1,16 19 3,16 19	% 91.49 9 13.7,7 9 13.7,7 10.0,8 8 \$ 21,6 0 \$ 1.5,5 11 \$ 2.6,6 11 \$ 2.6,6 15 \$ 17. 0 2.2,6 15 \$ 0.5 17. 15 0.5 17. 15 0.5 18 26,6 19 \$ 1,7	666 1,17 39% 84,77 17 12,73 88 555,62 339 10.83 773 \$ 22,09 880 \$ 1.73 45 \$ 3.60 800 18.2 34 3 100 \$ 1,18 64 2.10 331 \$ 1.88 74 0.52 417 \$ 26,81 417 \$ 26,81	9% 90.60% 3 13,612 9 591,814 9 10.841 3 \$ 23,657 5 \$ 1.735 7 \$ 4,311 0 \$ 3.444 9 17.05 7 3 3.9 9 1,083 1 2,244 33 0,33 11 \$ 1,83 9 0,565 88 0,00 75 \$ 1,22	5 76.10% 11,466 498,514 10.842 \$ 19,973 \$ 1.742 \$ 3,945 \$ 3,730 22.74 44 1 \$ 1.422 1.892 3 0.33 7 \$ 1,499 3 0.00 5 \$ 94!	b 90.389 13,578 590,358 10,841 \$ 23,898 \$ 1.760 \$ 4,809 \$ 3.844 17.05 3 3.84 17.05 3 1,088 \$ 1,088 \$ 1,760 \$ 1,088 \$ 1,088 \$ 1,083 \$ 1,070 3 \$ 1,070 3 \$ 1,070 3 \$ 1,070 3 \$ 1,070 4 \$ 29,799 6 \$ 23,774 4 \$ 2,75	6 85.18* 12,79 1 556,38* 10.84 3 \$ 22,65 1 \$ 1.77 9 \$ 4,65 1 \$ 3,94 1 17.00 4 \$ 3,6 3 \$ 1,13 4 \$ 1,66 6 \$ 1,03 6 \$ 1,03 6 \$ 1,03	7 13,0 594,0 10.0 594,0 10.0 \$24,0 \$2.4 12.0 \$2.4 12.0 \$2.2 \$2.3 0.0 \$88 \$1.3 \$1.3 \$30.0 \$8.8 \$1.3 \$30.0 \$30

tyName				2008		2009		2010		2011	2012		2013 149		014 49		015 149
eman 1	Max Capacity(MW)			150		149		149		149	149 70		70		70		70
	Min Capacity(MW)			70		70		70		70	1,186		1,171	1 1	35	1.2	200
	Generation(GWh)			1,025		1,180		1,179		1,125 86.22%	90.65%		9.73%	86.9		91.9	
	Annual Cap. Fac.			7.77%		90.42%		0.30%		12,145	12,808		2,641	12,2		12.9	
	Fuel used(GBtu)			0,988		12,730		2,713		28,025	556,854		19,607	532.6		563,	
	Coal(Tons)			77,745		53,497		2,724			10.795		10.793	10.7		10.	
	Heat Rate			10.724		10.786		0.786		10.792			23,512 \$				
	Fuel cost(\$000)			18,889						22,310 \$			1.860		380 \$		900
	Fuel Cost per MMBTu		\$		\$				\$	1.837 \$		*******					
	VOM cost(\$000)		\$	1,670	\$	1,782	\$		\$	2,048 \$		<u>\$</u>	2,424				617
and the same and	VOM per MWh		\$	1.630	\$	1.510	\$		\$	1,820 \$		\$	2.070	2.	120 \$	<u></u>	18
	Num starts(.)		-Secret to	14		17		17		15	15		15		15		1
	Start Fuel used(GBtu)			22	***	27		27		25	24		24		24		2
	Start cost(\$000)		\$	390	\$	481	\$	484	\$	446 \$	434	\$	445		450 \$		44
	SO2(ktons)	an an an an in	.T	0.626	-W	0.726		0.725	-1	0.692	0.730		0.721	0.	698		73
				0.11		0.11		0.11		0.11	0.11		0.11).11		0.1
	SO2 Emit Rate		ė	487	\$	619	\$	638	\$	566 \$	578	\$	538	\$	550 \$		67
	SO2 cost(\$000)		ť	0.682		2.052	٠	2.049	3	1.945	2.054		2.028	1.	963	2.	.07
	NOx(ktons)		` - •	0.002		0.322		0,322		0.320	0.321		0.321	0.	320	0.	,32
	NOx Emit Rate		~		-	5,843	\$		\$	4,191 \$		\$			747 5	3,	,88
	NOx cost(\$000)		\$	521	\$	3,043	?	4,530	P.	7,131 1	.,,,,,	<u> </u>		· · · · · ·			
						25 440		20.001	·	24,804 \$	26,423	\$	26,382	\$ 25,	887	27,	,67
	Total Operating Cost (\$000)			20,949	\$_	25,140		25,681	\$			\$					3.0
	Op Cost per MWh		\$	20.45	. Ş	21.30	\$	21.79	}								-55
	Total Emissions Cost (\$000)		\$	1,008	\$	6,462	\$	5,575	<u>\$</u>	4,757 9		\$_					3.7
	Emit Cost per MWh		\$	0.98	\$	5.48	\$	4.73	\$	4.23	3.92	\$	3.75	. پ	3.73		ر,ر
			na miran ram	· · · · · · · · · · · · · · · · · · ·					······································								
arad . 15'00 1910 1910 1910											322		2012		2014		20
ityName				2008		2009		2010		2011	2012		2013				1
leman 2	Max Capacity(MW)			139		138	L	138		138	138		138		138		
	Min Capacity(MW)			70		70	L	70		70	70		70		70		
	Generation(GWh)			1,088	T	1,092		1,010		1,032	1,002		977		973		0.
	Annual Cap. Fac.			89.13%	1	90.30%		83.56%		85.40%	82.65%		80.84%		.51%		,24
	Fuel used(GBtu)			13,044	1	13,138	T	12,161		12,429	12,087		11,787		,731		2,7
				567,147		571,203	-	28,734		540,374	525,513		512,497		,040	557	
	Coal(Tons)			11,986	+	12.035	1-	12.039		12.039	12.065		12.061	12	.053		2,0
	Heat Rate		-	22,423	\$	23,608	\$	22,254	\$	22,831	\$ 22,276	\$	21,925	\$ 22	,054	\$ 24	4,1
	Fuel cost(\$000)		\$	1,719	\$	1.797	\$	1,830	\$		\$ 1.843	S	1.860	\$ 1	.880	\$ 1	1.9
	Fuel Cost per MMBTu		\$			1,648		1,657	\$		\$ 2,014	\$	2,023				2,2
	VOM cost(\$000)		\$	1,774	\$		\$	1,640	\$		\$ 2,010	\$	2.070		2.120		2.1
- MP. N	VOM per MWh		\$	1,630	\$	1.510	\$		3	1.62.0	15	×	15	- 	14	3	
	Num starts(.)		ļ	16	-	16	 	15	 		24		25		23	use	
manages - degrees - manages	Start Fuel used(GBtu)		L	26	_	25	<u> </u>	23		24		+		Š	420	<u> </u>	4
	Start cost(\$000)		\$	454	\$	457	\$	412	\$		\$ 440	\$	451		0.669		ő.7
	SO2(ktons)		T	0.743		0.749	l	0.693		0.708	0.689	ļ	0.672				
2 1 4 may - 2 mm	SO2 Emit Rate	rapp Taylold quita and I Westerness	T	0.11	T	0.11	Τ.	0.11	1	0.11	0.11	Ļ.,	0.11		0.11		0.
	SO2 cost(\$000)		\$	578	\$	639	\$	611	\$	579	\$ 546	\$	502		526	<u> </u>	E
-,	NOx(ktons)	······································	1	0.858		2,118	T	1,957	1	1.999	1.941	1	1.891		1.886		2.0
			j		-1-	0.322		0.322	1	0.322	0.321	1	0.321		0.322		0.3
	NOx Emit Rate NOx cost(\$000)		\$	654	\$	6,029		4,714	\$	4,309	\$ 3,853	\$	3,594	\$	3,601	\$	3,8
	MOX COSE(\$000)		17		+ -		+-		1								
	T-1-1 O		\$	24,651	\$	25,713	\$	24,323	\$	25,155	\$ 24,730	\$	24,399	\$ 2	4,537		6,9
	Total Operating Cost (\$000)		+-1-	22.65				24.08	13	m	\$ 24.69	\$	24.97	\$	25.21	\$	25
	Op Cost per MWh	.,	+}	1,233		AIM BAHMINING		5,325	\$		\$ 4,399		4,096	\$	4,127	\$	4,
	Total Emissions Cost (\$000)	the water the second behavior and		1,233				5.27	\$		\$ 4.39		4,19		4.24	\$	4
	Emit Cost per MWh		13	7,33	3	0,11	+*	JILI	1		· · · · · · · · · · · · · · · · · · ·	+-					
mora ma protessõe a es	many of the same street, and street, and street, stree			,			+					1		1	·		
			+	204	0	200	a	2010	1	2011	201	2	2013	T	2014		-
ntityName			1_	200	0				_	154	154		154		154		
oleman 3		r angular da kwi dar vili randi'in		155		154		154		110	110		110		110		
	Min Capacity(MW)			11(110		110			1,001		1,220	1	1,203		1,
	Generation(GWh)		<u></u>	1,233		1,133		1,207		1,214	74.02%		90.43%	f e	9.18%		31.
	Annual Cap. Fac.			90.559		83.989		89.479		90.00%					3,023		11,
page to give to be because of the	Fuel used(GBtu)			13,286		12,261		13,062		13,146	10,840	4	13,210		6,211		16,
	Coal(Tons)		. L.	577,639		533,095		567,914		571,572	471,316		574,365				10, 10.
	Heat Rate		T	10.77		10.823		10.823		10.828	10.827		10.829		0.824	43 and 4, 5 per	
			\$	· Itheres and the first		22,03		23,904			\$ 19,979		24,571		4,483		22,
	IFuel cost(\$000)		13			1.79		1.830		1.837			1,860		1.880	\$	1.
	Fuel cost (\$000)					1,71		1,979		2,210					2,551	\$	2,
	Fuel Cost per MM8Tu														2.120	\$	2.
	Fuel Cost per MM8Tu VOM cost(\$000)		\$	2,01	Ö i	1.510	0 \$	1,640) \$	1.820							
	Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh			2,01 1.63	0 :	\$ 1.51	0 \$	1.640		1.820 16	\$ 2.010		14		16		
	Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)		\$	2,01 1.63 1	0 : 8	\$ 1.510 15	0 \$ 9	19	7			3			16 22		
	Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(G8tu)		\$	2,01 1.63 1	0 : 8 6	\$ 1.510 15 2	0 \$ 9 7	19 2	7	16 22	23 31	} L	14 20		16	\$	
	Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)		\$	2,01 1.63 1 2 45	0 : 8 6	\$ 1.510 19 2 \$ 48	0 \$ 9 7 1 \$	19 2. 482	7 2 \$	16 22 \$ 404	23 31 \$ 560	} L) \$	14 20	\$	16 22	\$	
	Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Cost(\$000) SO2(ktons)		\$	2,01 1.63 1 2 45 0.75	0 : 8 6 5 :	\$ 1.510 10 2 \$ 48 0.69	0 \$ 9 7 1 \$	19 2. 48. 0.74!	7 2 \$	16 22 \$ 404 0.749	\$ 560 0.618	} L) \$	14 20 369	\$	16 22 412	\$	0
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used (GBtu) Start cost (\$000) SO2(ktons) SO2 Emit Rate		\$	2,01 1.63 1 2 45 0.75 0.1	0 : 8 6 7	\$ 1.510 10 2 \$ 48 0.69 0.1	0 \$ 9 7 1 \$ 9 1	19 2, 48, 0,74, 0,1	7 2 \$	16 22 \$ 404 0.749 0.11	23 31 \$ 560 0.610 0.1) \$ 3 1	14 20 369 0.753 0.11	\$	16 22 412 0.742 0.11		0
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost (\$000) SO2(ktons) SO2 Emit Rate SO2 cost (\$000)		\$	2,01 1.63 1 2 45 0.75 0.1 58	0 : 8 6 7 1	\$ 1.510 1' 2 \$ 48 0.69 0.1 \$ 59	0 \$ 9 7 1 \$ 9 9	19 2, 48, 0,74, 0,1 65	7 2 \$ 5 1	16 22 \$ 404 0.749 0.11 \$ 613	23 31 \$ 560 0.610 0.11 \$ 489) \$ 3 1	14 20 369 0.753 0.11	\$	16 22 412 0.742 0.11 584		0
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost (\$000) SO2(ktons) SO2 Emit Rate SO2 cost (\$000) NOx(ktons)	The second secon	\$	2,01 1.63 1 2 45 0.75 0.1	0 : 8 6 7 1	\$ 1.510 10 2 \$ 48 0.69 0.1 \$ 59	0 \$ 9 7 1 \$ 9 1 6 \$	19 2. 48 0.74 0.1 65 2.10	7 \$ \$ 5 \$ 6 \$ 6	16 22 \$ 404 0.749 0.11 \$ 613 2.006	23 31 \$ 560 0.618 0.11 \$ 489 1.66	3 3 1 9 \$	14 20 369 0.753 0.11 562 2.017	\$	16 22 412 0.742 0.11 584 1.996		0
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate		\$	2,01 1,63 1 2 45 0,75 0,1 5 58 0,87	0 : 8 6 7 1 9	\$ 1.510 1' 2 \$ 48 0.69 0.1 \$ 59 1.98 0.32	0 \$ 9 7 1 \$ 9 1 6 \$ 2 3	19 2. 48. 0.74! 0.1 656 2.10 0.32	7 7 5 5 5 5 6 5 2	16 22 \$ 404 0.749 0.11 \$ 613 2.006 0.305	\$ 560 0.618 0.618 1.660 0.30	3 1 3 1 9 7	14 20 369 0.753 0.11 562 2.017 0.305	\$	16 22 412 0.742 0.11 584 1.996 0.307	\$	0
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost (\$000) SO2(ktons) SO2 Emit Rate SO2 cost (\$000) NOx(ktons)		\$	2,01 1,63 1 2 45 0,75 0,1 5 58 0,87	0 : 8 6 7 1 9	\$ 1.510 1' 2 \$ 48 0.69 0.1 \$ 59 1.98 0.32	0 \$ 9 7 1 \$ 9 1 6 \$	19 2. 48. 0.74! 0.1 656 2.10 0.32	7 7 5 5 5 5 6 5 2	16 22 \$ 404 0.749 0.11 \$ 613 2.006	\$ 560 0.618 0.618 1.660 0.30	3 1 3 1 9 7	14 20 369 0.753 0.11 562 2.017 0.305	\$	16 22 412 0.742 0.11 584 1.996	\$	0
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate		\$	2,01 1.63 1 2 45 0.75 0.1 5 5 8 0.87	0 : 8 6 7 1 9 0	\$ 1.510 11 2 \$ 48 0.69 0.1 \$ 59 1.98 0.32 \$ 5,64	0 \$ 9 7 1 \$ 9 1 6 \$ 2 3 \$ 3 \$	19 27 48 0.74 0.1 65 2.10 0.32 5,07	7	16 22 \$ 404 0.749 0.11 \$ 613 2.006 0.305 \$ 4,323	\$ 560 0.610 0.11 \$ 480 1.660 0.30 \$ 3,300	3	14 20 369 0.753 0.11 \$ 562 2.017 0.305 \$ 3,832	\$. \$	16 22 412 0.742 0.11 584 1.996 0.307 3,811	\$	0 1 0 3
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost (\$000) SO2(ktons) SO2 Emit Rate SO2 cost (\$000) NOx(ktons) NOX Emit Rate NOX cost (\$000)		\$	2,01 1,63 1 2 45 0,75 0,1 5 58 0,87	0 : 8 6 7 1 9 0	\$ 1.510 11 2 \$ 48 0.69 0.1 \$ 59 1.98 0.32 \$ 5,64	0 \$ 9 7 7 7 7 7 7 7 7 7	19 2. 483 0.74! 0.1 650 2.10 0.32 5,07	7	16 22 \$ 404 0.749 0.11 \$ 613 2.006 0.305 \$ 4,323	23 31 \$ 566 0.616 0.11 \$ 489 1.666 0.30 \$ 3,300	3 5 5 5 5 5 5 5 5 5	14 20 369 0.753 0.11 \$ 562 2.017 0.305 \$ 3,832	\$ \$	16 22 412 0.742 0.11 584 1.996 0.307 3,811	\$	0 1 0 3
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost (\$000) SOZ(ktons) SOZ Emit Rate SOZ cost (\$000) NOX(ktons) NOX Emit Rate NOX cost (\$000)		\$ \$	2,01 1.63 1 2 3 45 0.75 0.15 5 58 0.87 66 \$ 25,30 \$ 20,5	0 : 8 6 7 19 9 33 52	\$ 1.510 12 2 \$ 48 0.69 0.11 \$ 59 1.98 0.32 \$ 5,64	0 \$ 9 7 7 9 1 \$ 9 9 1 1 6 \$ 13 3 \$ 13 \$ 15 \$ 18 \$ 1	19 27 483 0.74! 0.11 659 2.100 0.32 5,07 26,36	7 2 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	16 22 \$ 404 0.749 0.11 \$ 613 2.006 0.305 \$ 4,323 \$ 26,764 \$ 22.04	23 31 \$ 560 0.610 0.11 \$ 489 1.660 0.30 \$ 3,30 \$ 22,55 \$ 22,55	3 5 5 5 5 5 5 5 5 5	14 20 369 0.753 0.11 \$ 562 2.017 0.305 \$ 3,832 \$ 27,465 \$ 22.51	\$ \$ \$	16 22 412 0.742 0.11 584 1.996 0.307 3,811 27,445 22.81	\$ \$	0 1 0 3
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used (GBtu) Start cost (\$000) SO2 (ktons) SO2 Emit Rate SO2 cost (\$000) NOX(ktons) NOX Emit Rate NOX cost (\$000) Total Operating Cost (\$000) Op Cost per MWh		\$ \$	2,01 1.63 1 2 3 45 0.75 0.15 5 58 0.87 66 \$ 25,30 \$ 20,5	0 : 8 6 7 19 9 33 52	\$ 1.510 12 2 \$ 48 0.69 0.11 \$ 59 1.98 0.32 \$ 5,64	0 \$ 9 7 7 9 1 \$ 9 9 1 1 6 \$ 13 3 \$ 13 \$ 15 \$ 18 \$ 1	15 2, 48, 0.74, 0.1 656 2.10, 0.32 5,07 26,36 21.8	7	16 22 \$ 404 0.749 0.11 \$ 613 2.006 0.305 \$ 4,323 \$ 26,764 \$ 22.04 \$ 4,936	23 31 \$ 566 0.616 0.11 \$ 483 1.66 0.30 \$ 3,30 \$ 22,55 \$ 22,5 \$ 3,79	3 5 5 5 5 5 5 5 5 5	14 20 369 0.753 0.11 5 562 2.017 0.305 3,832 \$ 27,465 \$ 22,51 \$ 4,394	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	16 22 412 0.742 0.11 584 1.996 0.307 3,811 27,445 22.81 4,395	\$ \$ \$ \$	0 1 0 3
	Fuel Cost per MMBTu VOM cost (\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost (\$000) SOZ(ktons) SOZ Emit Rate SOZ cost (\$000) NOX(ktons) NOX Emit Rate NOX cost (\$000)		\$	2,01 1.63 1 2 45 0.75 0.1 5 58 0.87 \$ 25,30 \$ 20.5 \$ 1,25	0 : 8 6 7 7 1 1 1 1 1 1 1 1	\$ 1.510 12 2 \$ 48 0.69 0.11 \$ 59 1.98 0.32 \$ 5,64	0 \$ 9 7 7 7 1 \$ 9 9 1 6 \$ 13 3 \$ 15 5 \$ 18 8 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 \$	15 27 482 0.74 0.1 65 2.10 0.32 5,07 26,36 21.8	7	16 22 \$ 404 0.749 0.11 \$ 613 2.006 0.305 \$ 4,323 \$ 26,764 \$ 22.04	23 31 \$ 566 0.616 0.11 \$ 483 1.66 0.30 \$ 3,30 \$ 22,55 \$ 22,5 \$ 3,79	3 5 5 5 5 5 5 5 5 5	14 20 369 0.753 0.11 \$ 562 2.017 0.305 \$ 3,832 \$ 27,465 \$ 22.51	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	16 22 412 0.742 0.11 584 1.996 0.307 3,811 27,445 22.81	\$ \$ \$ \$	0 1 0 3

ityName		2008		2009	2010	2011	2012	2013	2014	20
id ST	Max Capacity(MW)	50		50	50	50	50	50	50	
	Min Capacity(MW)	40		40	40	40	40	40	40	4
	Generation(GWh)	94		22	3	68	-	18	23	
******************	Annual Cap. Fac.	21.419	6	5,11%	0.78%	15.58%	0.00%	4.15%	5.24%	2,68
	Fuel used(GBtu)	1,268	1	304	46	925	*	246	311	15
	Coal(Tons)	54,595		14						
	Heat Rate	13.485		13.557	13.493	13.555	#DIV/0!	13.561	13.548	13,5
		\$ 2,550		2,542	\$ 365	\$ 7,516	\$	\$ 2,083	\$ 2,255	\$ 1,2
	Fuel cost(\$000)				\$ 7.920	\$ 8.127	#DIV/0!	\$ 8,460	\$ 7,253	\$ 7.6
	Fuel Cost per MMBTu	\$ 2.011		8.371	7.260	3 0.127	to graph and backets they get the second and an analysis of a district of the second and a second a second and a second and a second and a second and a second an	¢		
	VOM cost(\$000)	\$ 15			· • • • • • • • • • • • • • • • • • • •]]	\$			Ş
	VOM per MWh	\$ 0.158			.\$		#DIV/0!	3	·	\$
	Num starts(.)	16		6		14		7		
	Start Fuel used(GBtu)	15	. i	5 !		13			7	
	Start cost(\$000)	\$ 492		165	\$ 25	\$ 431		\$ 217	\$ 223	. \$
	SO2(ktons)	2.829	,	0.001	0.000	0.002	i	0.001	0.001	
	SO2 Emit Rate	4.50)] ``	4.50	4.50	0.00	#DIV/0!	0.01	0.01	
	SO2 cost(\$000)	\$ 2,198	\$	1	\$ 0	\$ 2	\$ -	\$ 1	\$ 1	\$
	NOx(ktons)		-	0.023	0.004	0.070		0.019	0.024	0.0
	NOx Emit Rate	0.1	:1-	0.15	0.15	0.15	#DIV/0!	0.15	0.15	0.
	NOx cost(\$000)	\$ -	\$	66		\$ 151	\$	\$ 36	\$ 46	\$
	NOX cost(\$000)			- 00	·*	1	7		-	\$
	man all commences and the second seco		+-		700	\$ 7,947	<u></u>	\$ 2,300	\$ 2,478	\$ 1,2
to almost a security merity.	Total Operating Cost (\$000)	\$ 3,056		2,707	\$ 390		\$ -			
	Op Cost per MWh	\$ 32.5		120.85	\$ 114,14	\$ 116.49	#D1V/0!	\$ 126.66	\$ 107.96	\$ 103. \$
	Total Emissions Cost (\$000)	\$ 2,19		66	\$ 9	\$ 152	\$.	\$ 36	\$ 47	\$
	Emit Cost per MWh	\$ 23.3	3 \$	2.95	\$ 2.50	\$ 2.23	#DIV/0!	\$ 2.01	\$ 2.03	\$ 1
							<u> </u>			
ityName		200	8	2009	2010	2011	2012	2013	2014	
id GT	Max Capacity(MW)	6	_	65	65	65	65	65	65	
	Min Capacity(MW)		_			-	-		-	
	Generation(GWh)		2	3	4	6	8	7	9	
		0.35		0.58%	0.669		1,43%	1.31%	1.54%	1.4
. ,	Annual Cap. Fac.			40	45		96	88	105	
	Fuel used(G8tu)	2	4	40	43	<u> </u>	20.		103	
	Coal(Tons)						11.70	** 000	1100	
	Heat Rate	12.28		12.121	12.059		11.764	11.880	11.965	11.7
	Fuel cost(\$000)	\$ 19	6 \$	329	\$ 363	\$ 552	\$ 717	\$ 644	\$ 758	\$
A	Fuel Cost per MMBTu	\$ 8.05	8 \$	8.180	\$ 7.996	\$ 7.719	\$ 7,472	\$ 7.289	\$ 7.237	\$ 7.
y year grant brees.	VOM cost(\$000)	\$ -	5	**	\$ -	\$ -	\$ -	\$ -	\$ -	\$
	VOM per MWh	\$ -	\$		\$ -	\$ -	\$ -	\$	\$ -	\$
man transfer			Z-1-4					iT	-	- uniter 1: No. Apr
	Num starts(.)			···	·					
	Start Fuel used(GBtu)				h	\$ -	-	\$.	\$.	\$
and the second second second	Start cost(\$000)			· · · · · · · · · · · · · · · · · · ·	1.3	\$	<u> </u>			- · · · · · · · · · · · · · · · · · · ·
	SO2(ktons)			\$4. The fact that the party place of the con-	ļ.:		J		ļ	and the street, and the
	SO2 Emit Rate			**	<u> </u>					
	SO2 cost(\$000)	\$	0 \$		\$ 0			\$ 0		\$
A De Managemente d' y project	NOx(ktons)	0.00	2	0.003	0,003		0.006	0.006	0.007	0.
	NOx Emit Rate				0.15	0.15	0.15	0.15	0.15	
	NOx cost(\$000)	\$	1 \$	9	\$ 8	\$ 10	\$ 12	\$ 11	\$ 13	\$
								T]	
	Total Operating Cost (\$000)	\$ 19	6 \$	329	\$ 363	\$ 552	\$ 717	\$ 644	\$ 758	\$
	Op Cost per MWh	\$ 99.0			\$ 96.43			\$ 86.59	\$ 86.59	\$ 84
		\$	1 \$			\$ 10		\$ 11		\$
	Total Emissions Cost (\$000)	\$ 0.7			\$ 2.10			\$ 1.48		\$
	Emit Cost per MWh	. p 0.7	. 4	40-2	1 4 - 5.7	7	4 2.0.0	7	7	
					·				-	-
			00	5000	200	0 201	1 2012	201:	2014	
itityName			08	2009			224	37.	777	-
reen 1	Max Capacity(MW)		1	231				231		
The second services and second	Min Capacity(MW)		30	180						
	Generation(GWh)	1,8		1,947	1,77		1,807	1,848		
			101.						80.87%	
	Annual Cap. Fac.	91.0	70	96.19%		6 94.469	6 89.07%			
	Annual Cap. Fac.			96.19% 21,782	87.92		6 89.07%		17,997	
	Annual Cap. Fac. Fuel used(GBtu)	20,6	78	21,782	87.929 19,55	21,024	6 89.07% 19,878			
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons)	20,6 1,033,9	78	21,782 1,089,099	87.929 19,55 977,94	21,024 7 1,051,187	6 89.07% 19,878 993,881	20,326 1,016,305	899,868	1,070
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	20,6 1,033,9 11.1	78 00	21,782 1,089,099 11.190	977,94 10,99	21,024 7 1,051,187 3 10.999	6 89.07% 19,878 993,881 10.999	20,326 1,016,305 11.000	899,868 10.998	1,070
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	20,6 1,033,9 11.1 \$ 23,6	78 00 90 56 \$	21,782 1,089,099 11,190 29,122	67,929 19,55 977,94 10,99 \$ 34,07	21,024 7 1,051,187 3 10.999 2 \$ 36,792	6 89.07% 19,878 993,881 10.999 \$ 34,786	20,326 1,016,305 11.000 \$ 35,774	899,868 10,998 \$ 32,035	1,070 11 \$ 38
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	20,6 1,033,9 11.1 \$ 23,6 \$ 1.1	78 00 90 56 4	21,782 1,089,099 11,190 29,122 1,337	87.92° 19,55° 977,94 10.99° \$ 34,07 \$ 1.74	21,024 7 1,051,187 3 10.999 2 \$ 36,792 2 \$ 1,750	6 89.07% 19,878 993,881 10.999 \$ 34,786 \$ 1.750	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760	899,868 10.998 \$ 32,035 \$ 1.780	1,070 11 \$ 38 \$ 1
g top parties of the state of t	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)	20,6 1,033,9 11.1 \$ 23,6 \$ 1.1 \$ 5,4	78 00 90 56 44 70	21,782 1,089,099 11.190 29,122 1.337 6,093	87.924 19,55 977,94 10.99 \$ 34,07 \$ 1.74 \$ 5,90	3 21,024 7 1,051,187 3 10.999 2 \$ 36,792 2 \$ 1.750 7 \$ 7,206	6 89.07% 19,878 993,881 10.999 \$ 34,786 \$ 1.750 \$ 7,446	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760 \$ 7,835	899,868 10,998 \$ 32,035 \$ 1.780 \$ 7,118	1,070 11 \$ 38 \$ 1 \$ 9
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	20,6 1,033,9 11.1 \$ 23,6 \$ 1.1	78 00 90 56 44 47 60	21,782 1,089,099 11.190 29,122 1.337 6,093 3.130	\$7,924 19,55 977,94 10,99 \$ 34,07 \$ 1,74 \$ 5,90 \$ 3.32	3 21,024 7 1,051,187 3 10,995 2 \$ 36,792 2 \$ 1.755 7 \$ 7,206 0 \$ 3.770	6 89.07% 19,878 993,881 10.999 \$ 34,786 \$ 1.750 \$ 7,446 0 \$ 4.120	20,326 1,016,305 11.000 \$ 35,774 \$ 1,760 \$ 7,835 \$ 4,240	899,868 10,998 \$ 32,035 \$ 1,780 \$ 7,118 \$ 4,350	1,070 11 \$ 38 \$ 1 \$ 9 \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWN Num starts(.)	20,6 1,033,9 11.1 \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9	78 00 90 56 44 570 560 57	21,782 1,089,099 11,190 29,122 1,337 6,093 3,130 7	87.924 19,55 977,94 10.99 \$ 34,07 \$ 1.74 \$ 5,90 \$ 3.32	3 21,024 7 1,051,187 3 10.999 2 \$ 36,797 2 \$ 1.750 7 \$ 7,200 0 \$ 3.770 8 1:	6 89.07% 19,878 993,881 10.999 \$ 34,786 \$ 1.750 \$ 7,446 \$ 4.120	20,326 1,016,305 11.000 \$ 35,774 \$ 1,760 \$ 7,835 \$ 4,240	899,868 10,998 \$ 32,035 \$ 1,780 \$ 7,118 \$ 4,350	1,070 11 \$ 38 \$ 1 \$ 9 \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9	78	21,782 1,089,099 11,190 \$ 29,122 \$ 1,337 \$ 6,093 \$ 3,130 7	\$ 87.92° 19,55° 977,94 10,99 \$ 34,07 \$ 1,74 \$ 5,90 \$ 3.32	21,024 7 1,051,187 3 10.999 2 \$ 36,792 2 \$ 1.750 7 \$ 7,206 0 \$ 3.770 8 1:	6 89.07% 19,878 993,881 10.999 \$ 34,786 \$ 1.750 \$ 7,446 0 \$ 4.120 6 \$ 32	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4,240 13	899,868 10.998 \$ 32,035 \$ 1.780 \$ 7,118 \$ 4.350 18	1,070 11 \$ 38 \$ 1 \$ 9 \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWN Num starts(.)	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9	78 00 90 56 44 570 560 57	21,782 1,089,099 11,190 29,122 1,337 6,093 3,130 7	\$ 87.92° 19,55° 977,94 10,99 \$ 34,07 \$ 1,74 \$ 5,90 \$ 3.32	21,024 7 1,051,187 8 10.999 2 \$ 36,792 2 \$ 1.750 7 \$ 7,206 0 \$ 3.770 8 1 20 8 \$ 83	6 89.07% 19,878 993,881 10.999 \$ 1,750 \$ 1,750 1 \$ 4,120 1 \$ 4,120 3 \$ 1,044	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875	899,868 10.998 \$ 32,035 \$ 1.780 \$ 7,118 \$ 4.350 18 44 0 \$ 1,437	1,070 11 \$ 38 \$ 1 \$ 9 \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9	78 200 90 56 44 57 60 5 7 17	21,782 1,089,099 11,190 \$ 29,122 \$ 1,337 \$ 6,093 \$ 3,130 7	\$7.92° 19,55° 977,94° 10,99° \$ 34,07° \$ 1.74° \$ 5,90° \$ 3.32° \$ 67	21,024 7 1,051,187 3 10,995 2 \$ 36,792 2 \$ 1,750 7 \$ 7,206 0 \$ 3,770 8 11 1 20 8 \$ 83	6 89.07% 19,878 993,881 10.999 \$ 34,786 \$ 1.750 \$ 7,446 \$ 4.120 \$ 13 \$ 3 \$ 1,044	20,326 1,016,305 11,000 \$ 35,774 \$ 1,760 \$ 7,835 \$ 4,240 13 27 \$ 875 1,982	899,868 10.998 \$ 32,035 \$ 1,780 \$ 7,118 \$ 4,350 18 44 9 \$ 1,437 1,755	\$ 38 \$ 1 \$ 9 \$ 5 \$ 2
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons)	20,6 1,033,9 11.1 \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5,5	78 200 200 200 200 200 200 200 20	21,762 1,089,099 11.190 \$ 29,122 \$ 1.337 \$ 6,093 \$ 3.130 7 17 \$ 552 2.124	\$ 87.92° 19,55° 977,94° 10,99° \$ 34,07° \$ 1,74° \$ 5,90° \$ 3,32° 2 \$ 67° 1,90°	3 21,024 7 1,051,187 3 10,995 2 \$ 36,792 2 \$ 1,750 7 \$ 7,200 6 11 1 20 8 \$ 83 7 2,050	6 89.07% 19,878 933,881 10.999 \$ 34,786 \$ 1.750 \$ 7,446 \$ 4.120 \$ 14 \$ 32 \$ 32 \$ 1,044	20,326 1,016,305 11,000 \$ 35,774 \$ 1,760 \$ 7,835 \$ 4,240 13 27 \$ 875 1,982	899,868 10.998 \$ 32,035 \$ 1,780 \$ 7,118 \$ 4,350 18 44 9 \$ 1,437 1,755	1,070 11 \$ 38 \$ 1 \$ 9 \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 2.9	78 00 90 56 44 57 50 9 7 7 7 51 9 16 19	21,782 1,089,099 11.190 \$ 29,122 \$ 1.337 \$ 6,093 \$ 3.130 7 17 \$ 552 2.124	\$ 87.92° 19,55° 977,94 10.99° \$ 34,07 \$ 1.74 \$ 5,90 \$ 3.32 \$ 67 1.90	3 21,024 7 1,051,187 3 10.995 2 \$ 36,792 2 \$ 1.755 7 \$ 7,206 0 \$ 3.770 8 1: 1 20 6 \$ 83: 7 2.055 0 0.20	6 89.07% 19.878 993,881 6 10.999 1 \$ 34,786 1 \$ 1,750 6 \$ 7,446 6 \$ 32 8 1,044 10 1.938 0 0.20	20,326 1,016,305 11.000 \$ 35,774 \$ 1,760 \$ 7,835 \$ 4,240 13 27 \$ 875 1,992 0.20	899,868 10.998 \$ 32,035 \$ 1,780 \$ 7,118 \$ 4,350 44 9 \$ 1,437 1,755 0.20	1,070 11 \$ 38 \$ 1 \$ 9 \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5 2.0 \$ 1,5	78 90 90 56 44 570 560 57 7 7 17 51 19 69 59 69 69 69 69 69 69 69 69 69 6	21,782 1,089,099 11,190 29,122 1,337 6,093 3,130 7 17 \$ 552 2,124 0,20 \$ 1,812	\$ 87.92° 19,55° 977,94° 10.99° \$ 34,07° \$ 1,74° \$ 5,90° \$ 3.32° \$ 67° 1.90° 0.2 \$ 1,68	3 21,024 7 1,051,187 3 10.995 2 \$ 36,795 2 \$ 1.755 7 \$ 7,206 6 1: 1 20 6 8 83: 7 2.056 0 0,20 0 \$ 1,67	6 89.07% 19,878 993,881 93,4786 10,999 \$ 1.750 \$ 7,446 10,1044 11,1044	20,326 1,016,305 11.000 \$ 35,774 \$ 1,760 \$ 7,835 \$ 4,240 13 27 \$ 875 1.982 0.20	899,868 10.998 \$ 32,035 \$ 1.780 \$ 7,118 \$ 4.350 44 4 \$ 1,437 1 1.755 0 0.20 \$ 1,381	\$ 1,070 11 \$ 38 \$ 1 \$ 9 \$ 5 \$ 5 \$ 2 \$ 1
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(,) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 2.9	78 90 90 56 44 570 560 57 7 7 17 51 19 69 59 69 69 69 69 69 69 69 69 69 6	21,782 1,089,099 11,190 29,122 1,337 6,093 3,130 7 1,7 552 2,124 0,20 1,812 3,027	\$ 87.92° 19.55° 977.94° 10.99° \$ 34,07° \$ 1.74° \$ 5,90° \$ 3.32° \$ 67° 1.90° 0.22° \$ 1.68° 2.74°	21,024 7 1,051,187 10,952 2 \$ 36,792 2 \$ 1,756 7 \$ 7,206 0 \$ 3,770 8 \$ 31 1 22 8 \$ 83 7 2,056 0 0 0 0	6 89.07% 19,878 1933,881 10,999 \$ 1,750 5 7,446 1 32 3 \$ 1,044 0 1,938 0 0,20 7 \$ 1,535 3 2,728	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875 1.992 0.220 \$ 1,480 2.795	899,868 10.998 \$ 1,780 \$ 1,780 \$ 4,350 18 44 9 \$ 1,437 1 1,755 0,20 9 \$ 1,381 5 2,457	\$ 1,070 11 \$ 38 \$ 1 \$ 9 \$ 5 \$ 2 \$ 1 2 2
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate	20,6 1,033,9 11.1; \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5 2.0 0. \$ 1,5	78 00 90 56 44 57 60 51 51 51 51 56 69 57 7 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	21,782 1,089,099 11,190 5 29,122 5 1,337 7 17 \$ 552 2,124 0,20 5 1,812 3,027 0,28	\$ 87.92° 19,55° 977,94° 10,99° \$ 34,07° \$ 1,74° \$ 5,90° \$ 3,32° \$ 67° 1,90° 0.2° \$ 1,68° 2,74° 0.2°	0 21,02- 7 1,051,187 3 10,995 2 \$36,79; 2 \$1.75; 7 7,206 0 \$3.77; 8 1: 1 2: 8 \$83: 7 2,055 0 0,2: 0 \$1,67; 3 2,89; 8 0,2:	6 89.07% 19.878 19.993,881 10.999 \$ 1.750 \$ 1.750 \$ \$ 1.740 \$ \$ 4.120 \$ \$ 1,044 0 1.938 0 0.20 7 \$ 1,535 3 2.728 3 0.27	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4.240 13 27,7 \$ 879 1.992 0.20 \$ 1,480 2.791 0.20	899,868 10.998 \$ 32,035 \$ 1,780 \$ 7,118 \$ 4,350 18 44 4 4 1 \$ 1,437 0 0.20 0 \$ 1,381 5 2,457 8 0.27	\$ 1,070 111 \$ 388 \$ 1 \$ 9 \$ 5 \$ 2 \$ 1 2
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(,) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	20,6 1,033,9 11.1; \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5 2.0 0. \$ 1,5	78 00 90 56 44 47 70 56 7 7 17 51 16 19 69 58	21,782 1,089,099 11,190 29,122 1,337 6,093 3,130 7 1,7 552 2,124 0,20 1,812 3,027	\$ 87.92° 19,55° 977,94° 10,99° \$ 34,07° \$ 1,74° \$ 5,90° \$ 3,32° \$ 67° 1,90° 0.2° \$ 1,68° 2,74° 0.2°	0 21,02- 7 1,051,187 3 10,995 2 \$36,79; 2 \$1.75; 7 7,206 0 \$3,77; 8 1: 1 2: 8 \$83; 7 2,055 0 0 0,20 0 \$1,67; 3 2,89; 8 0,2	6 89.07% 19.878 19.993,881 10.999 \$ 1.750 \$ 1.750 \$ \$ 1.740 \$ \$ 4.120 \$ \$ 1,044 0 1.938 0 0.20 7 \$ 1,535 3 2.728 3 0.27	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875 1.982 0.20 \$ 1,480 2,795 0.22	899,868 10.998 \$ 32,035 \$ 1,780 \$ 7,118 \$ 4,350 18 44 4 4 1 \$ 1,437 0 0.20 0 \$ 1,381 5 2,457 8 0.27	\$ 1,070 111 \$ 388 \$ 1 \$ 9 \$ 5 \$ 2 \$ 1 2
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5 2.0 0 0 0 \$ 1,5 \$ 0.8	78 1000	21,782 1,089,099 11,190 29,122 1,337 1,6,093 3,130 7 17 5,552 2,124 0,20 1,812 3,027 0,28 8,617	67.92° 19,55° 977,94° 10.99° \$ 34,07° \$ 1.74° \$ 5,90° \$ 3.32° \$ 67° 1.90° 0.22° \$ 1,68° 2.74° 0.2 \$ 6,60°	21,024 7 1,051,187 10,995 2 \$ 36,792 2 \$ 1.750 7 \$ 7,200 8 11 22 8 \$ 83 7 \$ 2.050 0 0 0,20 0 \$ 1,67 3 2,89 8 0,23	6 89.07% 19.878 993,881 10.999 \$ 34,786 \$ 7,446 6 32 8 \$ 1,044 6 32 8 \$ 1,044 0 0.20 7 \$ 1,535 3 2,728 3 0.27 4 \$ 5,415	20,326 1,016,305 11.000 \$ 355,774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875 1.982 0.20 \$ 1,480 2,795 0.28 \$ 5,310	899,868 10.998 \$ 32,035 \$ 1.780 \$ 7,118 \$ 4,350 44 9 \$ 1,437 1 1.755 0 0.20 9 \$ 1,381 5 2.457 3 0.27 3 4,690	1,070, 11 \$ 38 \$ 1 \$ 9, \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWN Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5 2.0 0,0 \$ 1,5 0.8	78 1000	21,782 1,089,099 11,190 5 29,122 5 1,337 7 17 \$ 552 2,124 0,20 5 1,812 3,027 0,28	67.92° 19,55° 977,94° 10.99° \$ 34,07° \$ 1.74° \$ 5,90° \$ 3.32° \$ 67° 1.90° 0.22° \$ 1,68° 2.74° 0.2 \$ 6,60°	21,024 7 1,051,187 8 10,995 2 \$ 36,795 2 \$ 1,756 7 \$ 7,206 9 \$ 3,770 8 \$ 33,770 8 \$ 83,770 1 2,056 0 0 0,23 7 \$ 6,23	6 89.07% 19,878 19,878 10,999 \$ 10,999 \$ 1,750 \$ 1,750 \$ 1,746 \$ 1,4120 \$ 14 \$ 1,938 0 0,20 7 \$ 1,535 3 2,728 3 0,27 4 \$ 5,415 1 \$ 43,276	20,326 1,016,305 11.000 \$ 15,5774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875 1.992 0.20 \$ 1,480 2.799 0.26 \$ 5,310	899,868 10.998 \$ 10.998 \$ 17.80 \$ 7,118 \$ 4.350 \$ 1,437 \$ 1.755 \$ 0.20 \$ \$ 1,381 \$ 0.27 \$ 4,690 \$ \$ 4,690	\$ 1,070 \$ 38 \$ 1 \$ 9 \$ 5 \$ 2 \$ 1 2 2 \$ 5
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(,) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000)	20,6 1,033,9 11.1. \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5 2.0 0.0 \$ 1,5 0.8 \$ 5 \$ 2.0	78 100 1	21,782 1,089,099 11,190 29,122 1,337 1,6,093 3,130 7 17 5,552 2,124 0,20 1,812 3,027 0,28 8,617	67.92° 19,55° 977,94° 10,99° \$ 34,07° \$ 1,74° \$ 5,90° \$ 3,32° \$ 677 1,90° 0,2° \$ 1,686 2,74° 0,2° \$ 6,660	0 21,024 7 1,051,187 8 10,999 2 \$36,792 2 \$1,750 7 \$7,200 0 \$3,777 8 1: 1 2: 8 \$83 7 2,056 0 0 0,20 0 \$1,67 3 2,899 8 0,2 7 \$6,23 6 \$44,83 5 \$23,4	6 89.07% 19.878 19.878 993.881 10.999 \$ 34,786 \$ 1.750 \$ \$ 1,750 \$ \$ 1,4120 \$ 14 5 32 \$ \$ 1,044 0 1.938 0 0.20 7 \$ 1,535 3 0.27 4 \$ 5,415 1 \$ 43,276 5 \$ 23.98	20,326 1,016,305 11,000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875 1.992 0.20 \$ 1,480 2.799 0.21 \$ 5,310	899,868 10.998 \$ 10.998 \$ 17.780 \$ 7,118 \$ 4.350 18 \$ 1,437 1 1.755 0.20 \$ 1,381 5 2.457 3 0.27 0 \$ 4,690 3 \$ 40,591 3 \$ 24.81	\$ 1,070, 111 \$ 388 \$ 1 \$ 9 \$ 5 \$ 5 \$ 1 \$ 2 \$ \$ 5 \$ \$ 49 \$ \$ 2 \$ \$ 5 \$ \$ 49 \$ \$ 2
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh	20,6 1,033,9 11.1; \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$.5 2.0 0. \$ 1,5 0.8 \$ 5 2.0 \$ 1,5 4 5 2.0 5 6 8 6 8 7 8 6 8 6 8 6 8 6 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	78 100 1	21,782 1,089,099 11,190 29,122 1,337 6,093 3,130 7 17 \$ 552 2,124 0,20 1,812 3,027 0,28 8,617 \$ 35,767 \$ 18,37	67.92° 19,55° 19,754 10,99 \$ 34,07 \$ 1.74 \$ 5,90 \$ 3.32 2 \$ 67 1.90 0.2 \$ 1,68 2.27 0.2 \$ 6,60	0 21,024 7 1,051,187 8 10,999 2 \$36,792 2 \$1,750 7 \$7,200 0 \$3,777 8 1: 1 2: 8 \$83 7 2,056 0 0 0,20 0 \$1,67 3 2,899 8 0,2 7 \$6,23 6 \$44,83 5 \$23,4	6 89.07% 19.878 19.878 993.881 10.999 \$ 34,786 \$ 1.750 \$ \$ 1,750 \$ \$ 1,4120 \$ 14 5 32 \$ \$ 1,044 0 1.938 0 0.20 7 \$ 1,535 3 0.27 4 \$ 5,415 1 \$ 43,276 5 \$ 23.98	20,326 1,016,305 11,000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875 1.992 0.20 \$ 1,480 2.799 0.21 \$ 5,310	899,868 10.998 \$ 10.998 \$ 17.780 \$ 7,118 \$ 4.350 18 \$ 1,437 1 1.755 0.20 \$ 1,381 5 2.457 3 0.27 0 \$ 4,690 3 \$ 40,591 3 \$ 24.81	\$ 1,070 11 \$ 38 \$ 1 \$ 9 \$ 5 \$ 2 \$ 1 2 2 \$ 1 2 2 \$ 2 \$ 2 \$ 38
	Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MM8Tu VOM cost(\$000) VOM per MWh Num starts(,) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000)	20,6 1,033,9 11.1: \$ 23,6 \$ 1.1 \$ 5,4 \$ 2.9 \$ 5 2.0 0, \$ 1,5 0.8 \$ 29,6 \$ 29,6 \$ 2,2	78 000 0	21,782 1,089,099 11,190 11,190 6,093 1,337 1,7 5,522 2,124 0,20 5,1,812 3,027 0,28 8,617 8	67.92° 19,55' 19,55' 10,99' \$ 34,07' \$ 1.74' \$ 5,90' \$ 3.32' 2 \$ 67' 1.99' 0.22 \$ 1,68' 2.74' 0.2.2 \$ 6,60' \$ 40,65' \$ 22.8 \$ 6,60'	0 21,024 7 1,051,187 8 10,999 2 \$36,792 2 \$1,750 7 \$7,200 0 \$3,777 8 1: 1 2: 8 \$83 7 2,056 0 0 0,20 0 \$1,67 3 2,899 8 0,2 7 \$6,23 6 \$44,83 5 \$23,4	6 89.07% 19.878 19.93,881 10.999 \$ 34,786 \$ 1.750 \$ \$ 1.750 \$ \$ 1.41 6 32 8 \$ 1.044 0 1.938 0 0.20 7 \$ 1.535 3 0.27 4 \$ 5.415 1 \$ 43,276 5 \$ 23.95 0 \$ 6,950 0 \$ 6,950	20,326 1,016,305 11.000 \$ 35,774 \$ 1.760 \$ 7,835 \$ 4,240 13 27 \$ 875 0.20 \$ 1,480 2.795 0.22 \$ 5,310 \$ 44,488 \$ 5,40 \$ 5,790	899,868 10.998 \$ 10.998 \$ 32,035 \$ 1.780 \$ 7,118 \$ 4.350 1 18 44 9 \$ 1,437 1 1.755 0 0.20 0 \$ 1,381 5 2.457 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690 0 \$ 4,690	\$ 1,070 111 \$ 388 \$ 1 \$ 9 \$ 5 \$ 2 \$ 1 2 2 \$ 2 \$ 2 \$ 388 \$ 388 \$ 498 \$ 498 \$ 498 \$ 2

EntityName			2008	2009	2010	2011	2012	2013	2014	2015
Green 2	Max Capacity(MW)	:	223	223 }	223	. 223	223	223	223	223
	Min Capacity(MW)		180	180	180	180	180	180	180	180
	Generation(GWh)		1,801	1,699	1,835	1,493	1,799	1,722	1,855	1,628
	Annual Cap. Fac.	91	1.95%	86,97%	93.93%	76,45%	91.86%	88.17%	94,94%	83.33%
	Fuel used(GBtu)	2(0,376	19,219	20,412	16,623	20,021	19,158	20,630	18,102
	Coal(Tons)		8,807	960,938	1,020,600	831,162	1,001,044	957,912	1,031,483	905,120
the property will be the se	Heat Rate		1.312	11.313	11.124	11.131	11.126	11.124	11.124	11.121
	Fuel cost(\$000)		3,310	\$ 25,696	\$ 35,558	\$ 29,091	\$ 35,037	\$ 33,719	\$ 36,721	\$ 32,584
	Fuel Cost per MMBTu		1.144	\$ 1.337	\$ 1.742	\$ 1.750	\$ 1.750	\$ 1.760	\$ 1.780	\$ 1.800
	VOM cost(\$000)		5,332	\$ 5,317	\$ 6,092	\$ 5,630	\$ 7,414	\$ 7,303	\$ 8,067	\$ 8,269
	VOM per MWh		2.960	\$ 3.130	\$ 3.320	\$ 3.770	\$ 4.120	\$ 4.240	\$ 4.350	\$ 5.080
tyr comit before	Num starts(.)		7	8	8	20	13	15	13	13
de sea seder i semini il time de	Start Fuel used(GBtu)		25	25	27	58	26	41	25	38
	Start cost(\$000)		816	\$ 806	\$ 869	\$ 1,864	\$ 839	\$ 1,319	\$ 816	\$ 1,262
	SO2(ktons)		1.987	1,874	1.990	1.621	1.952	1,868	2.012	1,765
	SO2 Emit Rate		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	SO2 cost(\$000)	\$	1,546	\$ 1,598	\$ 1,753	\$ 1,326	\$ 1,546	\$ 1,395	\$ 1,583	\$ 1,601
	NOx(ktons)		0.979	2,629	2.835	2.252	2.729	2,610	2.830	2,456
<u> </u>	NOx Emit Rate			0.27	0.28	0.27	0.27	0.27	0.27	0.27
 	NOx cost(\$000)	——————————————————————————————————————	747	\$ 7,484	\$ 6,830	\$ 4,853	\$ 5,416	\$ 4,959	\$ 5,402	\$ 4,590
<u> </u>	NOX COSC(4000)			1						
	Total Operating Cost (\$000)	\$ 2	9,458	\$ 31,819	\$ 42,519	\$ 36,585	\$ 43,289	\$ 42,340	\$ 45,604	\$ 42,116
	Op Cost per MWh		16.35	\$ 18.73	\$ 23.17	\$ 24.50	\$ 24.06	\$ 24.58	\$ 24.59	\$ 25.87
<u></u>	Total Emissions Cost (\$000)		2,293	\$ 9,082	\$ 8,584	\$ 6,179	\$ 6,962	\$ 6,354	\$ 6,985	\$ 6,191
									\$ 3.77	\$ 3.80
l .		1.5	1.27	\$ 5.35	\$ 4.68	\$ 4.14	\$ 3.87	\$ 3.69	3.77	. D.OV
	Emit Cost per MWh	\$	1.27	\$ 5.35	\$ 4.68	\$ 4.14	\$ 3.07	\$ 3.69	3 3.77	2 2.00
	Emit Cost per MWn		1.27	\$ 5.35	\$ 4.68	\$ 4.14	\$ 3.07	3,69	3 3.77	3 3.00
	Emit Cost per MWN	\$					2012	2013	2014	201
			2008	2009	2010	2011	2012	2013	2014	201
Total	Max Capacity(MW)		2008 1,743	2009 1,738	2010 1,737	2011 1,737	2012 1,737	2013 1,737	2014 1,737	201 1,737
Total	Max Capacity(MW) Min Capacity(MW)		2008 1,743 1,070	2009 1,738 1,255	2010 1,737 1,255	2011 1,737 1,255	2012 1,737 1,255	2013 1,737 1,255	2014 1,737 1,255	201 1,737 1,255
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh)		2008 1,743 1,070 2,511	2009 1,738 1,255 12,431	2010 1,737 1,255 12,726	2011 1,737 1,255 12,253	2012 1,737 1,255 12,373	2013 1,737 1,255 12,308	2014 1,737 1,255 12,537	201 1,737 1,255 12,526
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac.	1 8	2008 1,743 1,070 2,511 31.69%	2009 1,738 1,255 12,431 81.66%	2010 1,737 1,255 12,726 83.62%	2011 1,737 1,255 12,253 80.51%	2012 1,737 1,255 12,373 81.07%	2013 1,737 1,255 12,308 80.87%	2014 1,737 1,255 12,537 82.38%	2019 1,737 1,255 12,526 82,309
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)	1 8 8 13	2008 1,743 1,070 2,511 31.69% 39,155	2009 1,738 1,255 12,431 81.66% 138,288	2010 1,737 1,255 12,726 83.62% 140,838	2011 1,737 1,255 12,253 80.51% 135,843	2012 1,737 1,255 12,373 81.07% 136,531	2013 1,737 1,255 12,308 80.87% 135,205	2014 1,737 1,255 12,537	201 1,737 1,255 12,526 82,30%
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons)	13 8 13 6,31	2008 1,743 1,070 2,511 31.69% 39,155 16,380	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079	2011 1,737 1,255 12,253 80.51% 135,843 6,108,432	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438	2014 1,737 1,255 12,537 82.38% 137,685	201! 1,737 1,255 12,526 82,30% 137,609 6,229,629
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	1 8 13 6,31	2008 1,743 1,070 12,511 81.69% 39,155 16,380 11.123	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11,124	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 11,086	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11,035	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128	2011 1,737 1,255 12,526 82,309 137,609 6,229,629 10,986
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	1 8 8 13 6,33 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2008 1,743 1,070 12,511 81.69% 89,155 16,380 11.123	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11,124 \$ 208,460	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067 \$ 232,159	2011 1,737 1,255 12,253 80.51% 135,843 6,108,432 11,086 \$ 231,033	2012 1,737 1,255 12,373 81.07% 136,531 6,192,167 11.035 \$ 234,177	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 250,793	201 1,737 1,255 12,526 82,309 137,609 6,229,629 10,986 \$ 252,643
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	1 8 13 6,33 1 \$ 20	2008 1,743 1,070 2,511 31.69% 39,155 16,380 11.123 07,173 1.489	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067 \$ 232,159 \$ 1.648	2011 1,737 1,255 12,253 80.51% 135,843 6,108,432 11,086 \$ 231,033 \$ 1,701	2012 1,737 1,255 12,373 81.07% 136,531 6,192,167 11.035 \$ 234,177 \$ 1,715	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 250,793 \$ 1,822	201 1,737 1,255 12,526 82,309 137,609 6,229,626 10,966 \$ 252,643 \$ 1.836
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)	1 8 13 6,33 1 \$ 20	2008 1,743 1,070 2,511 31.69% 39,155 16,380 11.123 07,173 1,489 27,795	2009 1,738 1,255 12,431 81,66% 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507 \$ 30,758	2010 1,737 1,255 12,726 83,62% 140,838 6,380,079 11,067 \$ 232,159 \$ 1,648 \$ 33,329	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11,035 \$ 234,177 \$ 1,715 \$ 38,366	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10.982 \$ 250,793 \$ 1,822 \$ 40,473	2011 1,737 1,252 82,309 137,609 6,229,629 10,986 \$ 252,643 \$ 1,836 \$ 44,895
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	1 8 13 6,33 1 \$ 20	2008 1,743 1,070 2,511 11.69% 39,155 16,380 11.123 07,173 1.489 27,795 2.222	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11.124 \$ 208,460 \$ 1.507 \$ 30,758 \$ 2,474	2010 1,737 1,255 12,726 83,62% 140,838 6,380,079 11,067 \$ 232,159 \$ 1,648 \$ 33,329 \$ 2,619	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2,857	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11,035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 38,366	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10.982 \$ 250,793 \$ 1.822 \$ 40,473 \$ 3,228	2011 1,737 1,252 82,309 137,609 6,229,629 10,966 \$ 252,643 \$ 1,836 \$ 44,899 \$ 3,586
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	1 8 13 6,33 1 \$ 20	2008 1,743 1,070 2,511 1,69% 19,155 16,380 11,123 07,173 1,489 27,795 2,222 200	2009 1,738 1,255 12,431 81,66% 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507 \$ 30,758 \$ 2,474	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11,067 \$ 232,159 \$ 1,648 \$ 33,329 \$ 2,619 113	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 11,086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2,857 141	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11,035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10.982 \$ 250,793 \$ 1,822 \$ 40,473	2011 1,737 1,255 12,526 82,309 137,609 6,229,629 10,986 \$ 252,645 \$ 1,836 \$ 44,895 \$ 3,588
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	1 1 8 8 13 6,31 1 5 20 \$ \$ 5 5 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 12,511 31.69% 39,155 16,380 11,123 07,173 1,489 27,795 2,222 200 265	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11.124 \$ 10,507 \$ 30,758 \$ 2,474 114 254	2010 1,737 1,255 12,726 83,62% 140,838 6,380,079 11,067 \$ 1,648 \$ 33,329 \$ 2,619 113 263	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2.857 141 295	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11,035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 259	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 10,982 \$ 1,822 \$ 40,473 \$ 3,228 125 261	201: 1,737 1,255 12,526 82,309 137,609 6,229,629 10,986 \$ 252,643 \$ 1.836
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	1 8 8 13 6,33 5 2C \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 12,511 31,69% 39,155 16,380 11,123 07,173 1,489 27,795 2,222 200 265 7,441	2009 1,738 1,255 12,431 81.669% 138,288 6,264,968 11.124 \$ 208,460 \$ 1.507 \$ 30,758 \$ 2,474 114 254 \$ 7,069	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067 \$ 232,159 \$ 1.648 \$ 33,329 \$ 2.619 113 263 \$ 7,406	2011 1,737 1,255 12,253 80.51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2.857 141 295 \$ 8,524	2012 1,737 1,255 12,373 81,079% 136,531 6,192,167 11.035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 2,59 \$ 7,439	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125	2019 1,737 1,255 12,526 82,309 137,609 6,229,629 10,986 \$ 252,643 \$ 1,836 \$ 44,899 \$ 3,586 100 230
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost \$6000 VOM per MWh Num starts(.) Start Fuel used(GBtu) Soz(ktons)	1 8 8 13 6,33 5 2C \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 12,511 81,69% 39,155 16,380 11,123 07,173 1,489 27,795 2,222 200 265 7,441 23,133	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11.124 \$ 208,460 \$ 1.507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077	2010 1,737 1,255 12,726 83.62% 140,838 6.380,079 11.067 \$ 232,159 \$ 1.648 \$ 33,329 \$ 2.619 113 263 \$ 7,406	2011 1,737 1,255 12,253 80,51% 43,253 6,108,432 11.086 \$ 231,033 \$ 1.701 \$ 35,008 \$ 2.857 141 295 \$ 8,524 20.054	2012 1,737 1,255 12,373 81,07% 136,531 1,715 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 259 \$ 7,439	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10.982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601	2011 1,737 1,255 12,526 82,309 6,229,629 10,986 \$ 752,643 \$ 1,836 \$ 44,899 \$ 3,588 100 230 \$ 6,658
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate	1 8 8 13 6,331 1 5 27 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 2,511 31.69% 99,155 16,380 11,123 07,173 1,489 27,795 2,222 200 7,441 23,133 0,33	2009 1,738 1,255 12,431 81,66% 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067 \$ 232,159 \$ 1.648 \$ 33,329 \$ 2.619 113 263 \$ 7,406 21.157 0,30	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 1,701 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2,857 141 295 \$ 8,524 20,054 0,30	2012 1,737 1,255 12,373 81,07% 136,531 1,035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179 20,575	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1.806 \$ 38,973 \$ 31.66 120 259 \$ 7,439 1,581 0,29	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601 0.30	2011 1,737 1,255 12,526 82,30% 137,609 6,229,609 \$ 10,986 \$ 252,643 \$ 1,836 \$ 44,899 \$ 3,588 \$ 3,588 23,588 20,330
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	1 8 8 13 6,331 1 5 27 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 12,511 11,69% 99,155 16,380 11,123 07,173 1,489 27,795 2,222 200 265 7,441 23,133 0,33 17,997	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29 \$ 17,126	2010 1,737 1,255 12,726 83,62% 140,838 6,380,079 11,067 \$ 232,159 \$ 1,648 \$ 33,329 \$ 2,619 113 263 \$ 7,406 21,157 0,30 \$ 18,639	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2,857 141 295 \$ 8,524 20,054 0,30 \$ 16,404	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11.035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179 20,575 0,30 \$ 16,295	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 259 \$ 7,439 19,581 0,29	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 10,982 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,603 \$ 16,213	2011 1,737 1,255 12,526 82,309 137,609 6,229,629 10,986 \$ 252,643 \$ 1,836 \$ 44,899 \$ 3,585 100 230 \$ 6,656
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons)	1 8 8 13 6,331 1 5 27 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 2,511 31.69% 99,155 16,380 11,123 07,173 1,489 27,795 2,222 200 7,441 23,133 0,33	2009 1,738 1,255 12,431 81.669% 138,288 6,264,968 11.124 \$ 208,460 \$ 1.507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29 \$ 17,126 13,896	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067 \$ 232,159 \$ 1.648 \$ 33,329 \$ 2.619 113 263 \$ 7,406 21.157 0.30 \$ 18,639	2011 1,737 1,255 12,253 80.51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2.857 141 295 \$ 8,524 20.054 0.30 \$ 16,404	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11.035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179 20,575 0,30 \$ 16,295	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 259 \$ 7,439 19,581 0,29 \$ 14,627	2014 1,737 1,255 12,537 82,38% 6,220,128 10,982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601 0,30 \$ 16,213	2011 1,737 1,255 12,526 23,309 137,609 6,229,622 10,986 \$ 252,642 \$ 1,833 \$ 44,892 \$ 3,583 1036 \$ 3,583 1036 \$ 3,583 1036 \$ 3,583 1036 \$ 3,583 1036 1036 1036 1036 1036 1036 1036 103
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Soz (ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate	1 8 13 6,33 1 5 2C 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2008 1,743 1,070 12,511 16,69% 19,155 16,380 11,123 37,173 1,489 227,795 2,222 200 265 7,441 23,133 0,33 17,937 5,046	2009 1,738 1,255 12,431 81.66% 138,288 6,264,968 11.124 \$ 208,460 \$ 1.507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29 \$ 17,126 0,201	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067 \$ 232,159 \$ 1.648 \$ 33,329 \$ 2.619 113 263 \$ 7,406 21.157 0.30 \$ 18,639 1,892 0.20	2011 1,737 1,255 12,253 80.51% 133,843 6,108,432 11.086 \$ 231,033 \$ 1.701 \$ 35,008 \$ 2.857 141 295 \$ 8,524 20.054 0.30 \$ 16,404 13.202	2012 1,737 1,255 12,373 81,07% 136,531 1,715 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179 20,575 0,30 \$ 16,295 13,196 0,19	2013 1,737 1,255 12,308 80,87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 31,166 120 259 \$ 7,439 19,581 10,29 \$ 14,627 13,365	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10.982 \$ 250,793 \$ 1.822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601 0.30 \$ 16,213 13,275	201 1,737 1,255 12,526 82,309 10,986 6,229,626 10,986 \$,255,643 \$ 1.836 \$ 44,899 \$ 0.33 \$ 6,658 20,33 0,3 \$ 18,44 13,44 0,11
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons)	1 8 8 13 6,331 1 5 27 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 12,511 11,69% 99,155 16,380 11,123 07,173 1,489 27,795 2,222 200 265 7,441 23,133 0,33 17,997	2009 1,738 1,255 12,431 81.669% 138,288 6,264,968 11.124 \$ 208,460 \$ 1.507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29 \$ 17,126 13,896	2010 1,737 1,255 12,726 83.62% 140,838 6,380,079 11.067 \$ 232,159 \$ 1.648 \$ 33,329 \$ 2.619 113 263 \$ 7,406 21.157 0.30 \$ 18,639	2011 1,737 1,255 12,253 80,51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1.701 141 295 \$ 8,524 20.054 0.30 \$ 16,402 0.19	2012 1,737 1,255 12,373 81,07% 136,531 1,715 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179 20,575 0,30 \$ 16,295 13,196 0,19	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 259 \$ 7,439 19,581 0,29 \$ 14,627	2014 1,737 1,255 12,537 82,38% 6,220,128 10,982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601 0,30 \$ 16,213	201 1,737 1,255 82,309 6,229,626 10.986 \$,252,643 \$ 1.836 \$ 3.588 100 20.334 0.33 \$ 18,444 13.410 0.11
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)	1 1 8 8 13 6,33 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2008 1,743 1,070 12,511 16,59% 16,380 11,123 17,173 1,489 27,795 2,222 200 265 7,441 23,133 17,997 5,046	2009 1,738 1,255 12,431 81.669% 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29 \$ 17,126 13,896 0,201 \$ 39,562	2010 1,737 1,255 12,726 83,62% 140,838 6,380,079 11,067 \$ 232,159 \$ 1,648 \$ 33,329 \$ 2,619 113 263 \$ 7,406 21,157 0,30 \$ 18,639 13,692 0,20 \$ 33,466	2011 1,737 1,255 12,253 80,519% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2,857 141 295 \$ 8,524 20,054 0,30 \$ 16,404 13,202 0,19 \$ 28,451	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11,035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179 20,575 0,30 \$ 16,295 13,196 0,19	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 259 \$ 7,439 19,581 0,29 \$ 14,627 13,365 0,20 \$ 25,393	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601 0,30 \$ 16,213 13,275 0,19 \$ 25,342	201 1,737 1,255 12,526 82,309 137,609 6,229,625 10,986 \$ 252,642 \$ 1,833 \$ 44,895 \$ 3,585 100 233 \$ 6,658 20,334 13,444 13,444 13,444 13,444 13,445 1,737 1,737 1,745 1
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Soat cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000)	1 1 8 8 13 6,33 1 5 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2008 1,743 1,070 12,511 31,69% 16,380 11,123 37,173 1,489 27,795 2,222 200 265 7,441 23,133 17,997 5,046	2009 1,738 1,255 12,431 81.669% 138,288 6,264,968 11.124 \$ 208,460 \$ 1,507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29 \$ 17,126 13,896 0,201 \$ 39,562	2010 1,737 1,255 12,726 83,62% 140,838 6,380,079 11,067 \$ 232,159 \$ 1,648 \$ 33,329 \$ 2,619 113 263 \$ 7,406 21,157 0,30 \$ 18,639 13,892 0,20 \$ 33,466	2011 1,737 1,255 12,253 80.51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1,701 \$ 35,008 \$ 2.857 141 295 \$ 8,524 20.054 0.30 \$ 16,404 13.202 0.19 \$ 28,451	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11.035 \$ 234,177 \$ 1,715 \$ 38,366 \$ 3,101 125 257 \$ 7,179 20,575 0,30 \$ 16,295 13,196 0,19 \$ 26,194	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10.985 \$ 244,181 \$ 1,806 \$ 38,973 \$ 3,166 120 259 \$ 7,439 19,581 0,29 \$ 14,627 13,365 0,20 \$ 25,393	2014 1,737 1,255 12,537 82,387 82,387 6,220,128 10,982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601 0,30 \$ 16,213 13,275 0,19 \$ 25,342	201 1,737 1,255 82,309 137,609 6,229,622 10,986 \$,252,642 \$ 1,833 \$ 1,833 \$ 44,899 \$ 3,588 100 233 \$ 6,658 20,334 0,34 \$ 18,444 13,444 13,444 14,54 15,56 16,57 16,57 17,57 18,57
Total	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start Fuel used(GBtu) Start Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000)	1 8 13 5 6,33 1 \$ 20 \$ \$ \$ 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2008 1,743 1,070 12,511 16,59% 16,380 11,123 17,173 1,489 27,795 2,222 200 265 7,441 23,133 17,997 5,046	2009 1,738 1,255 12,431 81.669% 138,288 6,264,968 11,124 \$ 208,460 \$ 1,507 \$ 30,758 \$ 2,474 114 254 \$ 7,069 20,077 0,29 \$ 17,126 13,896 0,201 \$ 39,562	2010 1,737 1,255 12,726 83,62% 140,838 6,380,079 11,067 \$ 232,159 \$ 1,648 \$ 33,329 \$ 2,619 113 263 \$ 7,406 21,157 0,30 \$ 18,639 13,692 0,20 \$ 33,466	2011 1,737 1,255 12,253 80.51% 135,843 6,108,432 11.086 \$ 231,033 \$ 1.701 \$ 35,008 \$ 2.857 141 295 \$ 8,524 20.054 0.30 \$ 16,404 13.202 0.19 \$ 28,451	2012 1,737 1,255 12,373 81,07% 136,531 6,192,167 11.035 \$ 234,177 \$ 1.715 \$ 38,366 \$ 3.101 125 257 \$ 7,179 20.575 0.30 \$ 16,295 13,196 0.19 \$ 26,194	2013 1,737 1,255 12,308 80.87% 135,205 6,121,438 10,985 \$ 244,181 \$ 1.806 120 259 \$ 7,439 19,581 0.29 \$ 14,627 13,365 0.20 \$ 25,393 \$ 290,594	2014 1,737 1,255 12,537 82,38% 137,685 6,220,128 10,982 \$ 250,793 \$ 1,822 \$ 40,473 \$ 3,228 125 261 \$ 7,576 20,601 0,30 \$ 16,213 13,275 0,19 \$ 25,342	201 1,737 1,255 12,526 82,309 137,609 6,229,629 10.986 \$ 152,643 \$ 1.885 100 230 \$ 44,895 \$ 44,895 \$ 0.336 20.336 20.336 20.336 21.346 21.346 22.356 23.366 24.366 25.366 26.366 26.366 26.366 27.366 27.366 28.3

		2016	2017	2010	2019	2020	2021	2022	2023	
ityName	<u> </u>	2016	2017	2018			417	417	417	
Wilson 1	Max Capacity(MW)	417	417	417	417	417		325	325	
	Min Capacity(MW)	325	325	325	325	325	325			
	Generation(GWh)	3,380	2,904	3,380	3,201	3,369	3,216	3,371	3,191	
	Annual Cap. Fac.	92.28%	79.50%	92.53%	87.64%	91.98%	88.04%	92,29%	87.36%	
		36,462	31,331	36,453	34,522	36,345	34,680	36,369	34,410	
	Fuel used(GBtu)			1,584,903	1,500,956	1,580,228	1,507,807	1,581,258	1,496,093	
	Coal(Tons)	1,585,323	1,362,214				10.783	10.788	10.783	***************************************
	Heat Rate	10.787	10.789	10.785	10.783	10.787				
	Fuel cost(\$000)	\$ 66,726	\$ 57,649			\$ 69,419		\$ 70,919		
	Fuel Cost per MMBTu	\$ 1.830	\$ 1.840	\$ 1.860	\$ 1.890	\$ 1.910		\$ 1.950	\$ 1.970	
		\$ 9,533	\$ 8,421	\$ 10,072	\$ 9,796	\$ 10,580	\$ 10,388	\$ 11,193	\$ 10,882	
	VOM cost(\$000)		\$ 2,900	\$ 2.980	\$ 3.060	\$ 3.140	\$ 3.230	\$ 3.320	\$ 3,410	l
-man explorated and advantage and	VOM per MWh	\$ 2.820		8.32	10.03	10.03	9.20	10.03	10.03	
	Num starts(.)	10.03	14.23			54	50	52	58	
	Start Fuel used(GBtu)	52	81	46	57			**********		
	Start cost(\$000)	\$ 1,767	\$ 2,816	\$ 1,633	\$ 2,085		\$ 1,935	\$ 2,068		
	SO2(ktons)	10.666	9.165	10.663	10.098	10.632	10.144	10.639	10,066	
		0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	
	SO2 Emit Rate				\$ 1,474	\$ 1,457	\$ 1,359	\$ 1,181	\$ 1,057	
	SO2 cost(\$000)	\$ 8,095			0.994	1.052	0.996	1.055	0.990	
0	NOx(ktons)	1.052	0.898	1.054				0.06	0.06	and had marked to 1 and 1 and 1
1 to 40 to 7 to 100 to	NOx Emit Rate	0.06	0.06		0.06	0.06	0.06			
	NOx cost(\$000)	\$ 1,839	\$ 1,459	\$ 1,654	\$ 1,500	\$ 1,599	\$ 1,517	\$ 1,608	\$ 1,512	
	NOX COS((\$COO)	/	1							
				\$ 79,508	\$ 77,128	\$ 82,026	\$ 79,254	\$ 84,180	\$ 81,061	
	Total Operating Cost (\$000)	\$ 78,026	\$ 68,886							
	Op Cost per MWh	\$ 23.08	\$ 23.72			\$ 24.34	\$ 24,64			
	Total Emissions Cost (\$000)	\$ 9,935	\$ 7,123	\$ 5,460	\$ 2,975	\$ 3,056		\$ 2,789		
		\$ 2.94		\$ 1.62	\$ 0.93	\$ 0.91	\$ 0.89	\$ 0.83	\$ 0.81	
	Emit Cost per MWh				207.94	202.17	210.22	206.22	238.49	
	Lance and the second	176.23	197.89	130.18	£0/,34		pa as all + for fin		1	
	1		1					555	2022	
ityName		2016	201	7 2018	2019	2020	2021	202		<u> </u>
	Mary Consideration	152	152			152	152	152	152	<u> </u>
IPL 1	Max Capacity(MW)		+			140	140	140		(
	Min Capacity(MW)	140	140				1,160	1,224		†
	Generation(GWh)	1,197	1,119			1,116		driventa i respectationesseres		
	Annual Cap. Fac.	89,55%	83,949	6 91.98%		83,48%	87,00%			
	Fuel used(GBtu)	12,965		13,280	11,385	12,083	12,561	13,259		
		563,708				525,352	546,119	576,469	528,280	
	Coal(Tons)					10,827	10.829	10.832		
	Heat Rate	10.830					\$ 23,991	\$ 25,722		1
	Fuel cost(\$000)	\$ 23,467				\$ 22,958				·
	Fuel Cost per MMBTu	\$ 1.810	\$ 1.830	\$ 1.850	\$ 1.880	\$ 1.900	\$ 1.910	\$ 1.940		
		\$ 5,507			\$ 5,246	\$ 5,725	\$ 6,113	\$ 6,634		
	VOM cost(\$000)					\$ 5.130	\$ 5.270	\$ 5,420	\$ 5.570	
	VOM per MWh	\$ 4.600	\$ 4.73			13.76	12.53	15.04		1
	Num starts(.)	15.04								
	Start Fuel used(GBtu)	28	2	6 23	38	26	24	21		
		\$ 96			\$ 1,402	\$ 980	\$ 915	\$ 1,12	7 \$ 969	
	Start cost(\$000)					1.994	2.073	2.188	2.005	
	0 SO2(ktons)	2.140					0.33	0.3		
****	SO2 Emit Rate	0.3	0.3							
	SO2 cost(\$000)	\$ 1,62	\$ 1,23	6 \$ 787	2 \$ 274		\$ 278			
		0.543			0.475	0.505	0.524	0.55		
	0 NOx(ktons)	0.0				0.08	80,0	0.0	8 0.08	
	NOx Emit Rate								6 \$ 773	
	NOx cost(\$000)	\$ 94	\$ 82	0 \$ 87	1 3 720	1 4 702	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	 T 	7	
		1								
	Total Operating Cost (\$000)	\$ 29,93	7 \$ 28,37	7 \$ 31,36	6 \$ 28,051	\$ 29,663	\$ 31,019			
				6 \$ 25.5			\$ 26.74	\$ 27.3	5 \$ 27.66	
Comments were	Op Cost per MWh									
	Total Emissions Cost (\$000)	\$ 2,57	3 \$ 2,05							
(Emit Cost per MWh	\$ 2.1	5 \$ 1.8	34 \$ 1.3	5 \$ 0.94	\$ 0.93	3 0.52	1 3 0.0	5 \$ 0.00	<u> </u>
							1			
							1			
			(c) %	17 20	18 201	9 2020	202	1 20	22 202	3
ntityName		20								
	Max Capacity(MW)	15		58 15						
IMPL 2				10 14		140	140) 14		
IMPL Z	Min Capacity/MW\	14						**************		4:
IMPL Z	Min Capacity(MW)			46 1.14	9 1,222			1,19		
IMPL Z	Generation(GWh)	1,17	3 1,2			1,047	1,254	1,19		
IMPL Z	Generation(GWh) Annual Cap. Fac.	1,17 84.44	3 1,24 % 89.87	7% 82.94	% 88.219	2 1,047 % 75.369	1,25 ⁴ 6 90.46 ⁹	1 1,19 % 85.88	88,339	%
IMPL 2	Generation(GWh)	1,17 84.44 12,71	3 1,24 % 89.87 8 13,50	7% 82.94 04 12,46	% 88.219 30 13,25	2 1,047 % 75.36% 1 11,352	1,254 6 90.469 13,590	1 1,19 % 85.88) 12,90	3% 88.33° 3 13,27	% 2
IMPL Z	Generation(GWh) Annual Cap. Fac.	1,17 84.44 12,71 552,97	3 1,24 % 89.83 8 13,50 7 587,1	7% 82.94 04 12,46 12 541,75	% 88.219 50 13,25 55 576,110	1,047 % 75,369 1 11,352 3 493,562	1,254 6 90.469 13,590 590,87	1 1,19 % 85.88) 12,90 3 561,00	88.33° 3 13,273 3 577,05	% 2 8
IMPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons)	1,17 84.44 12,71 552,97 10.84	3 1,24 % 89.83 8 13,56 7 587,1 0 10.8	7% 82.94 04 12,46 12 541,75	% 88.219 0 13,25 5 576,110 11 10.839	2 1,047 % 75,369 1 11,352 0 493,562 9 10,840	1,254 6 90,469 13,590 1590,87 10,84	1 1,19 % 85.88 0 12,90 3 561,03 1 10.8	88.33° 3 13,27 20 577,050 41 10.84	% 2 2 8 3
IMPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	1,17 84.44 12,71 552,97 10.84	3 1,24 % 89.83 8 13,56 7 587,1 0 10.8	7% 82.94 04 12,46 12 541,75 42 10.84	% 88.219 50 13,25 55 576,110 11 10.839	2 1,047 % 75,369 1 11,352 0 493,562 9 10,840	1,254 6 90,469 13,590 1590,87 10,84	1 1,15 % 85.88 0 12,90 3 561,00 1 10.86 7 \$ 25,00	88.33° 13,272 20 577,05 41 10.84 33 \$ 26,01	% 2 2 8 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	1,17 84,44 12,71 552,97 10.84 \$ 23,00	3 1,24 % 89.85 8 13,50 7 587,1 10 10.8 10 \$ 24,7	7% 82.94 04 12,46 12 541,75 42 10.84 12 \$ 23,05	% 88.219 50 13,251 55 576,110 41 10.839 52 \$ 24,91	2 1,047 % 75,369 1 11,352 0 493,562 9 10,840 1 \$ 21,569	1,254 6 90.469 13,590 590.87 10.84 1 \$ 25,95	1 1,15 % 85.88 0 12,90 3 561,00 1 10.86 7 \$ 25,00	88.33° 13,272 20 577,05 41 10.84 33 \$ 26,01	% 2 2 8 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	1,17 84.44 12,77 552,97 10.84 \$ 23,00 \$ 1.8	3 1,24 % 89.85 8 13,50 7 587,1 0 10.8 0 \$ 24,7 0 \$ 1.8	7% 82.94 04 12,46 12 541,75 42 10.84 12 \$ 23,05 30 \$ 1.85		2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,569 0 \$ 1,900	1,254 6 90,469 13,590 1 590,87 0 10,84 0 \$ 25,95 0 \$ 1,91	1 1,19 % 85.88 0 12,90 3 561,00 1 10.8 7 \$ 25,00 0 \$ 1.9	88.33 13 13,27 20 577,05 41 10.84 33 \$ 26,01 40 \$ 1.96	% 2 2 8 3 4 4 0 0
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)	1,17 84,44 12,77 552,97 10.84 \$ 23,07 \$ 1.8 \$ 5,39	3 1,24 % 89.85 8 13,50 7 587,1 0 10.8 0 \$ 24,7 1.0 \$ 1.8 07 \$ 5,8	7% 82.94 04 12,46 12 541,75 42 10.84 12 \$ 23,05 30 \$ 1.85 91 \$ 5,58	% 88.219 50 13,251 55 576,110 11 10.839 52 \$ 24,91 50 \$ 1.880 36 \$ 6,10	2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,569 0 \$ 1.900 0 \$ 5,372	1,25/6 90.466 90.466 13,590 590,87 0 10.84 9 \$ 25,95 0 \$ 1.91 2 \$ 6,60	1,19 85.88 12,90 3 561,00 10.84 25,00 1 9 6 \$ 6,4	88.33 13,27: 20 577,05 41 10.84 33 \$ 26,01 40 \$ 1.96 51 \$ 6,81	% 2 2 3 3 4 4 9 9 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	1,17 84,44 12,71 552,97 10,84 \$ 23,03 \$ 1,8 \$ 5,3 \$ 4,6	3 1,24 % 89.83 8 13,56 7 587,1 0 10.8 0 \$ 24,7 0 \$ 1.8 7 \$ 5,8 0 \$ 4.7	7% 82.94 04 12,46 12 541,75 42 10.84 12 \$ 23,05 30 \$ 1.85 91 \$ 5,58 30 \$ 4.86	% 88.219 50 13,25 55 576,110 11 10.835 52 \$ 24,91 50 \$ 1.886 36 \$ 6,10 50 \$ 4.99	2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,569 0 \$ 1.900 0 \$ 5,372 0 \$ 5.130	1,25-6 90.465 13,590 590,87 10.84 0 \$ 25,95 0 \$ 1.91 2 \$ 6,60 0 \$ 5.27	1 1,11 6 85,85 1 12,90 3 561,03 1 10.8 7 \$ 25,00 0 \$ 1,9 6 \$ 6,4 0 \$ 5.4	8% 88.33° 13,27° 20 577,05° 41 10.84° 33 \$ 26,01° 40 \$ 1.96° 51 \$ 6,81° 20 \$ 5.57°	% 2 8 3 3 4 0 0 8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	1,17 84,44 12,71 552,97 10,84 \$ 23,03 \$ 1,8 \$ 5,3 \$ 4,6	3 1,24 % 89.83 8 13,56 7 587,1 0 10.8 0 \$ 24,7 0 \$ 1.8 7 \$ 5,8 0 \$ 4.7	7% 82.94 04 12,46 12 541,75 42 10.84 12 \$ 23,05 30 \$ 1.85 91 \$ 5,58 30 \$ 4.86	% 88.219 30 13,25 35 576,110 41 10.839 52 \$ 24,91 50 \$ 1.88 36 \$ 6,10 50 \$ 4.99	1,047 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,565 0 \$ 5,372 0 \$ 5,372 0 \$ 5,130 5 24,19	1,25-6 90.465 13,590 590,87 10.84 0 \$ 25,95 0 \$ 1.91 2 \$ 6,60 0 \$ 5.27	1,15 85.88 12,90 3 561,03 1 0.84 7 \$ 25,03 0 \$ 1.94 6 \$ 6,4 0 \$ 5.4	8% 88.33° 3 13,27° 20 577,05° 41 10.84° 33 \$ 26,01° 40 \$ 1.96° 51 \$ 6,81° 20 \$ 5.57° 17.0 °	%6 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	1,17 84,44 12,73 552,97 10.84 \$ 23,03 \$ 1.8 \$ 5,33 \$ 4,66	3 1,2: % 89.8: 8 13,5: 7 587,1 0 10.8: 0 \$ 24,7 0 \$ 1.8: 7 \$ 5.8: 0 \$ 4.7	7% 82.94 04 12.46 12 541,75 42 10.84 12 \$ 23,05 30 \$ 1.85 91 \$ 5,56 30 \$ 4.86 05 17.0	% 88.219 30 13,25 35 576,110 41 10.839 32 24,91 50 1.88 36 6,10 50 4.99 45 17.00	1,047 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,569 0 \$ 1,960 0 \$ 5,372 0 \$ 5,372 0 \$ 5,136	1,25-6 90.465 13,590 590,87 10.84 0 \$ 25,95 0 \$ 1.91 2 \$ 6,60 0 \$ 5.27	1,15 85.88 12,90 3 561,00 1 10.80 7 \$ 25,00 0 \$ 1.90 6 \$ 6,40 0 \$ 5.4.	8% 88.33° 33 13,27° 577,05° 41 10.84° 33 \$ 26,01° 40 \$ 1.96° 51 \$ 6,81° 20 \$ 5.57° 55 17.00° 34 3	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(BBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	1,17 84.44 12,71 552,9 10.8 \$ 23,00 \$ 1.8 \$ 5,33 \$ 4,6	3 1,2° % 89.8° 8 13,5° 7 587,1 0 10,8° 0 \$ 24,7° 0 \$ 1.8° 7 \$ 5.8° 7 \$ 5.8° 7 \$ 1.7° 8 4.7°	7% 82.94 04 12,46 12 541,75 42 10.84 12 \$ 23,05 91 \$ 5,56 30 \$ 4.86 05 17.0		2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,569 0 \$ 1.900 0 \$ 5.372 0 \$ 5.130 5 24.15 4 44	1,25- 6 90.46° 13,590 590,87: 10.84 3 \$ 25,95: 2 \$ 6,60 0 \$ 5,27 17.00 3 3 3	1,15 85.88 12,96 3 561,0 1 10.80 5 25,0 0 \$ 1.9 6 \$ 6,4 0 \$ 5.4 4	8% 88.33° 33 13,27° 577,05° 41 10.84° 33 \$ 26,01° 40 \$ 1.96° 51 \$ 6,81° 20 \$ 5.57° 55 17.00° 34 3	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	1,17 84.44 12,71 552,9 10.8 \$ 23,00 \$ 1.8 \$ 5,31 \$ 4,61	3 1,2° % 89.8° 8 13,5° 7 587,1 0 10,8° 0 \$ 24,7° 0 \$ 1.8° 0 \$ 1.8° 0 \$ 1.7° 5 17.6° 14.4° 72 \$ 1.1	7% 82.94 04 12,46 12 541,75 42 10.84 12 \$ 23,05 330 \$ 1.85 330 \$ 5.55 330 \$ 1.70 333 - 1.70 60 \$ 1,2		2 1,047 % 75.369 1 11,352 9 493,562 9 10.840 1 \$ 21,569 0 \$ 1.900 0 \$ 5.372 0 \$ 5.130 4 4 44 2 \$ 1,800	1,25- 6 90.46- 1 13,59(1 590.87- 6 10.84 9 \$ 25,95 9 \$ 1.91 2 \$ 6,60 0 \$ 5,27- 6 17.05 3 3 5 \$ 1,30	1,15 85.88 12,90 3 561,00 10,80 7 \$ 25,00 0 \$ 1.99 6 \$ 6,41 0 \$ 5.4 6 17.0 4 1,33	88.33° 13,27° 20 577,05° 10.84° 33 26,01° 90 \$ 1.96° 1.96° 1.96° 5.57° 17.00° 34 362 \$ 1.35° 34 362 \$ 1.35° 35	% 2 2 3 3 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(BBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	1,17 84,44 12,77 552,97 10.8 \$ 23,00 \$ 1.8 \$ 5,31 \$ 4,61 17.0 \$ 1,1	3 1,2° % 89.8. 8 13,5° 7 587,1 0 10.8 0 \$ 24,7 0 \$ 1.8 77 \$ 5.8 0 \$ 4.7 5 17.0 5 17.0	7% 82.94 04 12.46 12 541.75 42 10.84 12 \$ 23.05 30 \$ 1.85 91 \$ 5.56 30 \$ 4.86 33 \$ 1.7.0 33 60 \$ 1.2.2 8 2.05		2 1,047 % 75.369 1 11,352 9 493,562 9 10.844 1 \$ 21,565 0 \$ 1.900 0 \$ 5.37 0 \$ 5.13 0 \$ 5.13 4 4 4 2 \$ 1,800 7 1.875	1,25-6 90.460 13,590 590,87 10.84 9 \$25,95 9 \$1.91 2 \$6,60 0 \$5,27 17,03 3 3 3 5 \$1,30	1,19	88,33° 13,27° 20 577,05° 41 10,84° 33 \$26,01° 1,96° 51 \$6,81° 20 \$5,57° 55 17.03° 34 33° 362 \$1,35° 29 2,196°	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons)	1,17 84.44 12,71 552,9 10.8 \$ 23,00 \$ 1.8 \$ 5,31 \$ 4,61	3 1,2° % 89.8. 8 13,5° 7 587,1 0 10.8 0 \$ 24,7 0 \$ 1.8 77 \$ 5.8 0 \$ 4.7 5 17.0 5 17.0	7% 82.94 04 12.46 12 541.75 412 5.00 12 \$23.00 30 \$ 1.85 91 \$ 5.56 30 \$ 4.86 05 17.0 33 \$ 1.22 28 2.05		2 1,047 % 75.369 11,352 0 493,562 9 10.840 1 \$ 21,566 0 \$ 1.900 0 \$ 5,372 0 \$ 5,372 0 \$ 5,374 4 44 4 44 7 1.873 3 0.33	1,25-6 90.466 13,590,87 10.84 9 \$ 25,95 9 \$ 1.91 2 \$ 6,60 0 \$ 5,27 17.00 3 3 3 3 3 4 3 5 2,24 3 0.3	1,19	88,33 33 13,27; 20 577,051 11 10,84; 33 \$ 26,01; 40 \$ 1,96; 5 \$ 6,81; 20 \$ 5,57; 55 17,0; 34 3 3 62 \$ 1,35; 199 2,19; 33 0,3	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate	1,17 84,44 12,77 552,97 10,8 \$ 23,00 \$ 1.8 \$ 5,3 \$ 4,6 17.0 \$ 1,1 2,05	3 1,2° % 89,8° 8 13,5° 7 587,1 0 10,8° 0 \$ 24,7° 0 \$ 1.8° 77 \$ 58,0° 0 \$ 1.8° 77 \$ 1.1° 5 17.1° 144 9 2.2° 233 0.0	7% 82.94 04 12.46 12 541.75 42 10.84 12 \$ 23,00 30 \$ 1.83 91 \$ 5,58 30 \$ 4.86 05 17.0 360 \$ 1,2 28 2.05		2 1,047 % 75.369 0 493,552 9 10.84(1 \$ 21,565 0 \$ 1,90(0 \$ 5,372 0 \$ 5,372 0 \$ 5,130 0 \$ 1,800 1 4 4 4 4 4 4 2 \$ 1,800 7 1.872 3 0.33 9 \$ 25	1,25-6 90.466 13,590,87 10.84 9 \$ 25,95 9 \$ 1.916 2 \$ 6,60 0 \$ 5,27 17.05 3 3 3 5 \$ 1,30 7 \$ 330	1,19	88,33 13,27; 20 577,05 11 10,84 33 \$ 26,01 40 \$ 1.96 51 \$ 6,81 20 \$ 5.57 55 17,00 34 3 62 \$ 1,35 20 9 2.19 33 0.3 36 \$ 23	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	1,17 84,44 12,77 552,97 10.84 \$ 23,00 \$ 1.8 \$ 5,33 \$ 4,66 17.6 \$ 1,1	3 1,2- % 89,8- 8 13,5- 7 587,1 0 10,8- 0 \$ 24,7 0 \$ 1.8- 7 \$ 5.8- 7 \$ 5.8- 7 \$ 17.6- 34 2 \$ 1,1 33 0.93 \$ 1,3	77% 82.94 04 12,46 12 541,72 12 541,72 30 \$ 1.83 91 \$ 5,55 33 \$ 4.88 05 \$ 17.0 33 60 \$ 1,2: 23 33 677 \$ 7		2 1,047 % 75.369 0 493,552 9 10.84(1 \$ 21,565 0 \$ 1,90(0 \$ 5,372 0 \$ 5,372 0 \$ 5,372 0 \$ 1,807 1,80	1,25-6 90.466 13,590,87 10.84 9 \$ 25,95 9 \$ 1.916 2 \$ 6,60 0 \$ 5,27 17.05 3 3 3 5 \$ 1,30 7 \$ 330	1,19	88,33 13,27; 20 577,05 11 10,84 33 \$ 26,01 40 \$ 1.96 51 \$ 6,81 20 \$ 5.57 55 17,00 34 3 62 \$ 1,35 20 9 2.19 33 0.3 36 \$ 23	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons)	1,17 84,44 12,77 552,97 10,8 \$ 23,00 \$ 1,8 \$ 5,3 \$ 4,6 17,0 \$ 1,1 \$ 2,05 0.5	3	77% 82.94 04 12,46 12 541,72 42 10.8 12 \$ 23,00 30 \$ 1.8 91 \$ \$ 330 \$ 4.8 05 17.0 33 \$ 4.8 05 1,2 28 2.05 33 0. 7,77 \$ 7.7 64 0.55		2 1,047 % 75.369 0 493,562 0 10.840 1 \$ 21,565 0 \$ 1.900 0 \$ 5,372 0 \$ 5,372 0 \$ 5,130 7 1.872 3 0.33 0 0.31	1,25- 6 90.46 13,596 1 13,596 1 10.84 9 \$ 25,95 0 \$ 1.91 2 \$ 6,60 0 \$ 5.77 17.00 3 3 3 3 5 \$ 1,30 8 2.244 3 0.33 7 \$ 30	1 1,12 16 85.88 12,90 3 561,00 1 10.8- 7 \$ 25,00 0 \$ 1.9- 6 \$ 6,41 0 \$ 5.4 1 \$ 1,3 3 2.12 3 0.	88,33 33	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOX(ktons) NOX Emit Rate	1,17 84,44 12,79 12,79 10.8 \$ 23,00 \$ 1.8 \$ 53,33 \$ 4,66 17.0 \$ 1,1 2.09 0.0 \$ 1,5 0.55 0.55	3	77% 82.94 04 12,46 112 541,72 42 10.84 112 \$ 23,05 30 \$ 1.85 901 \$ 5,58 30 \$ 4.86 505 17.0 28 2.05 33 60 \$ 1,2 28 2.05 33 0. 777 \$ 7. 64 0.55 .08 0.		2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,565 0 \$ 1.900 0 \$ 5.372 0 \$ 5.130 5 24.19 4 44 2 \$ 1,800 7 1,872 3 0.33 9 \$ 25 5 0.472	1,25- 6 90.466 13,590 1 13,590 1 10.84 9 \$ 25,95 1 \$ 1.91 2 \$ 6,60 0 \$ 5.27 0 17.00 3 3 5 \$ 1.30 4 2.24 3 0.36 4 0.56 8 0.0	1 1,19 10 85,888 10 85,888 10 10,99 10 10,89 11 10,89 12 55,00 10 10,89 10 10 10,89 10 10 10,89 10 10 10,89 10 10 10,89 10 10 10,89 10 10 10,89 10 10 10,89 10 10 10 10,89 10 10 10 10 10 10 10 10 10 10 10 10 10 1	88,33 33 13,27 20 577,051 11 10,84 33 \$ 26,01 40 \$ 1,96 51 \$ 6,81 50 \$ 5,57 55 17,00 54 33 62 \$ 1,35 52 \$ 1,35 52 \$ 1,35 52 \$ 1,35 53 \$ 1,35 54 \$ 1,35 55 \$ 1,35 56 \$ 1,35 57 \$ 1,35 57 \$ 1,35 58 \$ 1,35	% 2 2 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9
MPLZ	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOX(ktons) NOX Emit Rate	1,17 84,44 12,79 12,79 10.8 \$ 23,00 \$ 1.8 \$ 53,33 \$ 4,66 17.0 \$ 1,1 2.09 0.0 \$ 1,5 0.55 0.55	3	77% 82.94 04 12.46 112 541,72 42 10.84 112 \$ 23,05 30 \$ 1.85 901 \$ 5,58 30 \$ 4.86 05 17.0 05 17.0 07.77 \$ 7.5 064 0.55		2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,565 0 \$ 1.900 0 \$ 5.372 0 \$ 5.130 5 24.19 4 44 2 \$ 1,800 7 1,872 3 0.33 9 \$ 25 5 0.472	1,25- 6 90.466 13,590 1 13,590 1 10.84 9 \$ 25,95 1 \$ 1.91 2 \$ 6,60 0 \$ 5.27 0 17.00 3 3 5 \$ 1.30 5 \$ 1.30 6 \$ 2.24 3 0.36 7 \$ 30 6 0.56 8 0.05	1 1,15 12,90 3 5561,00 1 10.8-7 7 \$ 25,00 6 \$ 6,40 6 \$ 4,40 1 \$ 1,33 3 2,12 3 3 0,0 5 1,90 6 \$ 6,40 7 \$ 2,50 8 \$ 6,0 8 \$ 6,0 9 \$ 1,90 9 \$ 1,	88,33 33	% 2 2 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9
MPLZ	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons)	1,17 84,44 12,79 12,79 10.8 \$ 23,00 \$ 1.8 \$ 53,33 \$ 4,66 17.0 \$ 1,1 2.09 0.0 \$ 1,5 0.55 0.55	3	77% 82.94 04 12,46 112 541,72 42 10.84 112 \$ 23,05 30 \$ 1.85 901 \$ 5,58 30 \$ 4.86 505 17.0 28 2.05 33 60 \$ 1,2 28 2.05 33 0. 777 \$ 7. 64 0.55 .08 0.		2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,565 0 \$ 1.900 0 \$ 5.372 0 \$ 5.130 5 24.19 4 44 2 \$ 1,800 7 1,872 3 0.33 9 \$ 25 5 0.472	1,25- 6 90,46- 13,590 1 13,590 1 10,84	1,19	88,33 13,27; 20	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPLZ	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons) NOx Emit Rate NOx cost(\$000)	1,17 84.44 1,17 152,79 10.8 \$ 23,00 \$ 23,00 \$ 5,53 \$ 4,60 17.0 \$ 1,1 2.00 \$ 0,55 0.55 0.55 9	3	77% 82.94 04 12,46 12 541,72 12 10.86 12 \$ 23,05 30 \$ 1.85 91 \$ 5,55 55 17.0 33		2 1,047 % 75.369 1 11,352 0 493,552 9 10.84(1 \$21,565 0 \$1,900 0 \$5,372 0 \$5,372 0 \$5,130 7 1.872 3 0.33 9 \$25 5 0.472 8 0.00 7 7 72	1,25- 6 90,46- 13,590 1 13,590 1 10,84	1,19	88,33 13,27; 20	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL Z	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons) NOx Emit Rate NOx cost(\$000)	1,17 84.44 1,17 152,99 10.8 \$ 23,00 \$ 23,00 \$ 55,30 \$ 4,60 17.0 \$ 1,1 2.00 \$ 1,5 0.55 0.55 0.55 9 0) \$ 99	3	77% 82.94 04 12.46 12 5541,72 42 10.84 12 \$ 23,00 30 \$ 1.83 91 \$ 5,58 30 \$ 4.86 30 \$ 1,20 28 2.05 33 0.0 1,77 54 0.55 .08 0.91 16 \$ 8		2 1,047 % 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,565 0 \$ 1.900 0 \$ 5,372 0 \$ 5.130 5 24.15 4 4 4 2 \$ 1,800 7 1,872 3 0.33 9 \$ 255 5 0.477 8 0.00 7 \$ 72	1,25- 6 90.46 13,596 1 13,596 1 10.84 9 \$ 25,95 0 \$ 1.91 2 \$ 6,60 0 \$ 5.27 1 17.05 3 3 3 3 5 \$ 1,30 4 0.56 8 0.0 0 \$ 86	1 1,1° 16 85.888 18 85.888 18 95.888 18 95.888 19 10.89 10 \$ 1.99 10 \$ 1.99 10 \$ 5.4 10 \$ 5.4 11 \$ 1,3 13 \$ 2.1 11 \$ 1,3 11 \$ 2.2 17 0.55 18 0.0 14 \$ 8	88,33 33	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
IMPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons) NOx Emit Rate NOx cost(\$000)	1,17 84,44 1,17 152,99 10.8 \$ 23,00 \$ 1.8 \$ 53,33 \$ 4,66 17.0 \$ 1,1 2,09 0,0 \$ 1,5 0,55 0,55 0,55 0,99 0) \$ 29,5	3	77% 82.94 04 12.46 12 541,72 42 10.84 12 \$ 23,02 30 \$ 1.85 91 \$ 55,58 33 \$ 4.86 05 17.0 28 2.05 33 \$ 0. 777 \$ 7. 64 0.55 08 0. 916 \$ 8 63 \$ 29.8 65 \$ 25.		2 1,047 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,565 0 \$ 5.377 0 \$ 5.377 0 \$ 5.130 7 1.872 3 0.33 9 \$ 25 5 0.477 1872 3 \$ 28,74 10 \$ 27.4	1,25- 6 90.466 13,590 1 13,590 1 10.84 9 \$ 25,95 1 \$ 1.91 2 \$ 6,60 0 \$ 5.27 0 17.00 3 3 5 \$ 1.30 4 0.56 8 0.0 0 \$ 86 7 \$ 33,86 5 \$ 2,26	1 1,19 6 85,888 7 12,90 8 12,90 8 12,90 8 561,00 1 10,86 7 \$ 25,00 6 \$ 6,40 6 \$ 6,40 1 \$ 1,10 6 \$ 1,10	88,33 13,27 20 577,05 11 10,84 33 \$ 26,01 40 5 ,196 5 ,57 5 ,57 5 ,57 5 ,17,00 34 3 ,35 6 ,81 3 ,35 6 ,21 3 ,35 6 ,21 3 ,35 6 ,31 7 ,055 0 ,00 19 \$ 84	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPL 2	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons) NOx Emit Rate NOx cost(\$000)	1,17 84,44 1,17 152,99 10.8 \$ 23,00 \$ 1.8 \$ 53,33 \$ 4,66 17.0 \$ 1,1 2,09 0,0 \$ 1,5 0,55 0,55 0,55 0,99 0) \$ 29,5	3	77% 82.94 04 12.46 12 541.72 42 10.84 12 \$ 23,05 30 \$ 1.85 30 \$ 5.55 30 \$ 1.7.0 33 \$ 1.7.0 33 \$ 1.7.0 6 \$ 2.05 6 \$ 0.05 6 \$ 1.22 6 \$ 2.05 6 \$ 0.05		2 1,047 % 75.369 111,352 0 493,562 9 10.840 1 \$ 21,566 0 \$ 5.377 0 \$ 5.377 0 \$ 5.130 5 24.19 4 4 44 4 44 7 1,870 7 1.872 3 0.33 9 \$ 25 5 0.472 8 0.00 7 \$ 72	1,25-6 90,466 13,596 13,596 10,84 9 \$ 25,95 9 \$ 1.91 0 \$ 5,27 0 17,00 3 3 3 3 3 7 \$ 330 6 \$ 1,30 0 \$ 6,60 0 \$ 86 7 \$ 33,86 5 \$ 27,0 7 \$ 1,16	1 1,12	88,33 13,27; 20 577,051 11 10,84; 33 \$ 26,01; 40 \$ 1,96; 51 \$ 6,81; 20 \$ 5,57; 55 17,03; 34 3 3 62 \$ 1,35; 59 2,199; 33 0,33; 36 \$ 23; 37 0,55; 38 0,00; 39 0,50; 40 40 40 40 40 40 40	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPLZ	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTU VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons) NOX Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh Total Emissions Cost (\$000)	1,17 84,44 12,77 12,77 12,77 12,77 12,77 12,77 12,77 12,77 12,70 11,1 12,00 1	3	77% 82.94 04 12.46 12 541.72 42 10.84 12 \$ 23,05 30 \$ 1.85 30 \$ 5.55 30 \$ 1.7.0 30 \$ 1.82 28 2.05 33 \$ 1.7.0 33 \$ 1.22 28 2.05 33 0.5 33 0.5 33 0.5 35 8 2.05 36 \$ 2.05 36 \$ 2.05 377 \$ 7.7 4 0.55 36 \$ 2.05 377 \$ 8 7.7 378 38		2 1,047 75.369 1 11,352 0 493,562 9 10.840 1 \$ 21,565 0 \$ 5.377 0 \$ 5.377 0 \$ 5.130 7 1.872 3 0.33 9 \$ 25 5 0.477 1872 3 \$ 28,74 10 \$ 27.4	1,25-6 90,466 13,596 13,596 10,84 9 \$ 25,95 9 \$ 1.91 0 \$ 5,27 0 17,00 3 3 3 3 3 7 \$ 330 6 \$ 1,30 0 \$ 6,60 0 \$ 86 7 \$ 33,86 5 \$ 27,0 7 \$ 1,16	1 1,12	88,33 13,27 20 577,05 11 10,84 33 \$ 26,01 40 5 ,196 5 ,57 5 ,57 5 ,57 5 ,17,00 34 3 ,35 6 ,81 3 ,35 6 ,21 3 ,35 6 ,21 3 ,35 6 ,31 7 ,055 0 ,00 19 \$ 84	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MPLZ	Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) 0 SO2(ktons) SO2 Emit Rate SO2 cost(\$000) 0 NOx(ktons) NOx Emit Rate NOx cost(\$000)	1,17 84,44 12,77 12,77 12,77 12,77 12,77 12,77 12,77 12,77 12,70 11,1 12,00 1	3	77% 82.94 04 12.46 12 541.72 42 10.84 12 \$ 23,05 30 \$ 1.85 30 \$ 5.55 30 \$ 1.7.0 33 \$ 1.7.0 33 \$ 1.7.0 6 \$ 2.05 6 \$ 0.05 6 \$ 1.22 6 \$ 2.05 6 \$ 0.05		2 1,047 % 75.369 111,352 0 493,562 9 10.840 1 \$ 21,566 0 \$ 5.377 0 \$ 5.377 0 \$ 5.130 5 24.19 4 4 44 4 44 7 1,870 7 1.872 3 0.33 9 \$ 25 5 0.472 8 0.00 7 \$ 72	1,25-6 90,466 13,596 13,596 10,84 9 \$ 25,95 9 \$ 1.91 0 \$ 5,27 0 17,00 3 3 3 3 3 7 \$ 330 6 \$ 1,30 0 \$ 6,60 0 \$ 86 7 \$ 33,86 5 \$ 27,0 7 \$ 1,16	1 1,12	88,33 13,27; 20 577,051 11 10,84; 33 \$ 26,01; 40 \$ 1,96; 51 \$ 6,81; 20 \$ 5,57; 55 17,03; 34 3 3 62 \$ 1,35; 59 2,199; 33 0,33; 36 \$ 23; 37 0,55; 38 0,00; 39 0,50; 40 40 40 40 40 40 40	% 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

		2016	2017	2018	2019	2020	2021	- 2022	2023		
tityName	May Canacity/MIII/	149	149	149	149	149	149	149	149		
leman 1	Max Capacity(MW)	70	70	70	70	70	70	70	70		
	Min Capacity(MW)		1,019	1,173	1,192	1,132	1,194	1,193	1,111		
	Generation(GWh)	1,194		89.90%	91,34%	86,47%	91.50%	91.41%	85.11%		
	Annual Cap. Fac.	91.22%	78.03%			12,215	12,890	12,876	11,987		
	Fuel used(GBtu)	12,885	10,991	12,664	12,867			559,834	521,162		
<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	Coal(Tons)	560,225	477,869	550,594	559,433	531,073	560,456		10.790		
	Heat Rate	10.793	10.791	10.792	10.793	10.793	10.793	10.792			
	Fuel cost(\$000)	\$ 24,740	\$ 21,323	\$ 24,947	\$ 25,605	\$ 24,551	\$ 26,168	\$ 26,525	\$ 24,932		
	Fuel Cost per MMBTu	\$ 1.920	\$ 1.940		\$ 1,990	\$ 2.010	\$ 2,030	\$ 2.060	\$ 2.080		
			\$ 2,343	\$ 2,781	\$ 2,897	\$ 2,829	\$ 3,069	\$ 3,150	\$ 3,011		
	VOM cost(\$000)				\$ 2.430	\$ 2.500	\$ 2,570	\$ 2,640	\$ 2.710		
	VOM per MWh	\$ 2.240			15	15	15	15	15		
	Num starts(,)	15	18	15		24	23	24	25		
	Start Fuel used(GBtu)	23	28	24	24				\$ 575		
	Start cost(\$000)	\$ 445	\$ 543	\$ 480	\$ 488	\$ 518	\$ 512				
	SO2(ktons)	0.735	0.627	0.722	0.733	0.696	0.735	0.734	0.683		
	SO2 Emit Rate	0.11	0,11	0.11	0.11	0.11	0.11	0.11	0.11		
	SO2 cost(\$000)	\$ 557	\$ 387	\$ 258	\$ 107	\$ 95	\$ 98		\$ 72		
to magazana bromor's force		2.064	1,766	2,030	2.062	1.956	2.064	2.063	1.926		
· a part a agregative construction	NOx(ktons)		0.321	0.321	0.321	0.320	0.320	0.320	0.321		
	NOx Emit Rate	0.320									
	NOx cost(\$000)	\$ 3,607	\$ 2,870	\$ 3,185	\$ 3,114	3 2,3/7	9 37213	7 2/2/0			
						ļ	ļ	1 20 210	+ 30 510		
	Total Operating Cost (\$000)	\$ 27,859	\$ 24,208	\$ 28,209			\$ 29,749	\$ 30,210			
	Op Cost per MWh	\$ 23.34									
	Total Emissions Cost (\$000)	\$ 4,164				\$ 3,070					
		\$ 3,49							\$ 2.71		
	Emit Cost per MWh	g 3,79	+ 3.20	+ T =	1	1	1	1			
				+		·			1	many true I sales and makes and	
	1					3000	505	1 202	2 2023	 	
itityName		2016								-	
oleman 2	Max Capacity(MW)	138	138	138			138			├	
viellidii 4	Min Capacity(MW)	70				70	70			L	
		855					1,061	984		L	
	Generation(GWh)	70.57%							6 89.07%	1	
	Annual Cap. Fac.									1	
	Fuel used(GBtu)	10,315			11,723					1	
	Coal(Tons)	448,467		563,013	509,607	549,971				-	
	Heat Rate	12.058	12.053		12.075	12.070			\$ 27,020	<u> </u>	······································
	Fuel cost(\$000)	\$ 19,804	\$ 25,217	2 \$ 25,510		\$ 25,425					
	Fuel Cost per MMBTu	\$ 1.920		\$ 1.970	\$ 1.990						
	VOM cost(\$000)	\$ 1,916			1 \$ 2,359	\$ 2,620	\$ 2,726	5 \$ 2,59			and the second reco
		\$ 2.240					\$ 2.570	\$ 2.64	\$ 2.710		
	VOM per MWh				and the same of th				5 11		
	Num starts(,)	21	1 13	3							
	Start Fuel used(GBtu)	32								1	
	Start cost(\$000)	\$ 612									
	SO2(ktons)	0.588	8 0.74								
	SO2 Emit Rate	0.1	1 0.1	1 0.1	1 0.1						
	SO2 cost(\$000)	\$ 440	6 \$ 45	8 \$ 26	4 \$ 98	8 \$ 99					
		1.66				B 2,027	2,05	7 1.90			
	NOx(ktons)	0.32					0.32	1 0.32	1 0.319		
	NOx Emit Rate								4 \$ 3,168		
	NOx cost(\$000)	\$ 2,91	2 \$ 3,38	3 3 3,23	7 3 2,000	0 9 0,00.					
						30.50	3 \$ 29,23	9 \$ 27,60	6 \$ 30,341	1	
	Total Operating Cost (\$000)	\$ 22,33									
	Op Cost per MWh	\$ 26.1	1 \$ 26.0	4 \$ 26.5							
****	Total Emissions Cost (\$000)	\$ 3,35	8 \$ 3,84	1 \$ 3,51	8 \$ 2,93	3 \$ 3,18	2 \$ 3,23	0 \$ 2,97	9 \$ 3,245		
	Emit Cost per MWh	\$ 3.9		6 \$ 3.2							
					8 \$ 3.0		4 \$ 3.0				
			3 3 3.3	3 3.2	28 \$ 3.0		4 \$ 3.0				
		<u> </u>	3 3 3.3	3.2	18 \$ 3.0		4 \$ 3.8				
						2 \$ 3.0		95 \$ 3.0	3 \$ 3.01		
EntityName		20	16 20	17 20	18 20	2 \$ 3.0 19 20.	20 20	21 20	3 \$ 3.01	3	
		20 15	16 20 64 15	17 20 54 15	118 20 54 15	2 \$ 3.0 19 20:	20 20 4 1!	21 20 4 1	3 \$ 3.01 22 202 34 154	3	
EntityName Coleman 3	Max Capacity(MW)	20	16 20 54 15 10 11	17 20 54 15 10 11	18 20 54 15 10 11	2 \$ 3.0 19 20. 4 15 0 11	20 20 20 4 1! 0 1:	5	22 202 64 154 10 110	3	
	Max Capacity(MW) Min Capacity(MW)	20 15	16 20 54 15 10 11	17 20 54 15 10 11 05 1,12	118 20 54 15 10 11 24 1,16	2 \$ 3.0 19 20: 4 15 0 11 6 1,20	20 20 20 4 15 0 1: 1 1,00	21 20 34 1! 10 1 41 1,2	3 \$ 3.01 22 202 64 156 10 110 20 1,213	3	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh)	20 15 11	16 20 54 15 10 11 33 1,20	17 20 54 15 10 11 05 1,12	118 20 54 15 10 11 24 1,16	2 \$ 3.0 19 20: 4 15 0 11 6 1,20 9% 88.79	20 20 4 1! 0 1: 1 1,0 % 77.19	21 20 24 19 10 1 41 1,2 9% 90,4	22 202 64 154 60 116 20 1,213 89,909	3	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac.	20 15 11 1,20 88.95	16 20 54 15 10 11 33 1,20 5% 89,33	17 20 54 15 10 11 05 1,12 3% 83.29	118 20 54 15 10 11 24 1,16 9% 86.40	2 \$ 3.0 19 20: 4 15 0 11 6 1,20 9% 88.79	20 20 4 1! 0 1. 1 1,0 % 77.19 2 11,2	21 20 24 1: 10 1 41 1,2 9% 90,4 76 13,2	22 202 64 154 10 116 20 1,213 196 89,909	3	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu)	20 15 11 1,20 88.95 13,03	16 20 54 15 10 11 33 1,20 5% 89,33 25 13,00	117 20 54 15 10 11 55 1,12 19% 83.29 47 12,16	118 20 54 15 10 11 24 1,16 39% 86.40 54 12,61	2 \$ 3.0 19 20: 4 15: 0 11: 66 1,20 196 88.79 18 13,00	20 20 4 1: 0 1. 1 1,0 % 77.19 2 11,2	21 20 54 19 10 1 11 1,2 19% 90.4 75 13,2 56 574,3	3 \$ 3.01 22 202 64 154 10 110 20 1,213 196 89,903 10 13,13 47 570,91	33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons)	20 15 1,20 88,95 13,07 566,30	16 20 54 15 00 11 33 1,20 5% 89,33 25 13,04 03 567,24	17 20 54 15 10 11 55 1,12 3% 83.29 47 12,16 48 528,85	118 20 54 15 10 11 24 1,16 9% 86.40 54 12,61 54 548,60	2 \$ 3.0 19 20. 4 15 0 11 66 1,20 196 88.79 18 13,00 192 565,28	20 20 20 4 1! 0 1: 1 1,0 % 77.1! 2 11,2 7 490,2	21 20 24 1! 10 1 11 1,2 16 90,4 76 13,2 56 574,3	33 \$ 3.01 22 2 202 34 156 10 110 20 1,213 196 89.909 10 13,13 47 570,91 27 10.82	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate	20 15 11 1,20 88.95 13,07 566,30 10.80	16 20 54 15 00 11 33 1,20 5% 89,33 25 13,0- 03 567,2- 25 10.8	17 20 54 15 10 11 55 1,12 396 83.25 47 12,16 48 528,83 26 10.83	118 20 54 15 10 11 24 1,16 9% 86,40 54 12,61 54 548,60 26 10,82	2 \$ 3.0 119 20. 4 15. 0 11. 66 1,20 % 88.79 88 13,00 12 565,28 10 10.82	20 20 20 4 1! 0 1: 1 1,0° % 77.1! 2 11,2' 77 490,2'	21 20 21 20 54 11 10 1 1,2 19% 90.4 76 13,2 566 574,3 29 10.8	33 \$ 3.01 22 2 202 34 15- 10 111 20 1,212 196 89,90 10 13,13 47 570,91 27 10.82	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	20 15 1) 1,22 88.95 13,02 566,30 10.82 \$ 25,00	16 20 54 15 10 11 33 1,22 56 89,33 57 57 57 10.8 10	117 20 54 15 10 11 55 1,12 57 12,14 48 528,83 26 10,83 11 \$ 23,99	118 20 54 15 10 11 124 1,16 96 86,40 56 12,63 56 10,82 66 10,82 62 \$ 25,1	2 \$ 3.0 19 20. 4 15 0 11 6 1,20 96 88.79 8 13,00 22 565,28 26 10.82 10 \$ 26,13	20 20 20 4 11 0 1. 1 1,0 0 77.13 12 2 11,2 77 490,2 15 10.8 3 \$ 22,8	21 20 54 11 10 1 11 1,2 156 574,3 29 10.8 90 \$ 27,2	22 202 34 155 10 111 20 1,212 186 89,90 10 13,13 27 570,91 27 10.82	3	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost (\$000) Fuel Cost per MMBTu	20 15 11 1,20 88,95 13,00 566,30 10,82 \$ 25,00 \$ 1.9	16 20 4 15 4 15 3 1,20 5% 89.33 25 13,00 30 567,20 5 10.85 08 \$ 25,3 20 \$ 1.90	177 20 54 15 10 11 55 1,12 396 83.29 47 12,16 48 528,8 528,8 11 \$ 23,9 40 \$ 1.9	118 200 54 15 10 11 124 1,16 169% 86.40 54 12,65 54 548,66 10.8; 62 \$ 25,1; 70 \$ 1.9;	2 \$ 3.0 19 20. 4 15 .0 11 .6 1,20 .96 88.79 .8 13,00 .2 565,28 .6 10.83 .6 10.83 .6 2 26,13 .6 20.0 .7 20.0	20 20 20 4 11 0 1.1 1,00 77.1 1 1,2 1,2	21 20 21 20 34 1: 10 1 11 1,2 9% 90.4 76 13,2 56 574,3 90 \$27,2 30 \$27,2	22 202 34 154 10 111 20 1,213 37 570,91 27 10.82 27 31 3 \$ 27,31 50 \$ 2.08	3 3 4 0 3 8 8 8 1 1 3 7 7	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000)	20 15 11 1,20 88,95 13,07 566,3 10,8 \$ 25,00 \$ 1,9;	16 20 54 15 10 11 33 1,20 5% 89,33 25 13,00 30 567,20 25 10.88 25,30 20 \$ 1.9 95 \$ 2,7	117 20 54 15 10 11 155 1,12 1396 83.29 147 12,16 148 528,83 26 10,83 140 \$ 1,9 172 \$ 2,66	118 20 54 15 10 11 24 1,16 376 86,40 64 12,65 54 548,66 66 10,85 66 \$2 \$25,11 70 \$1.95 63 \$2,85	2 \$ 3.0 19 20. 14 15 0 11 66 1,20 196 88.79 18 13,00 12 565,28 10 \$ 26,12 10 \$ 26,12 10 \$ 26,12 10 \$ 2,03 12 \$ 3,00	20 20 20 4 1! 1 1,0° % 77.1° 2 11,2° 77 490,2° 15 10.8° 2 2.8° 0 \$ 2.0° 3 \$ 2.2°	21 20 54 11 10 11 11 12 13 15 15 16 16 17 17 17 17 17 17	22 202 34 154 10 116 10 121 196 89,900 10 13,13 47 570,91 27 10.82 13 \$ 27,31 50 \$ 2.08 21 \$ 3,28	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)	20 15 11 1,20 88,95 13,07 566,3 10,8 \$ 25,00 \$ 1,9;	16 20 34 15 10 11 33 1,20 596 89,33 25 13,00 33 567,22 25 10.88 80 \$ 25,3 20 \$ 1.90 90 \$ 2.70 40 \$ 2.31	177 200 54 15 10 11 05 1,12 136 83,22 147 12,14 48 528,83 26 10,83 11 \$ 23,91 49 19,00 72 \$ 2,60 00 \$ 2,3	118 200 54 15 10 11 24 1,16 396 86,40 64 12,65 54 548,66 26 10.82 62 \$ 25,11 70 \$ 1.99 63 \$ 2.81 70 \$ 2.42	2 \$ 3.0 19 20. 14 15 0 11 66 1,20 96 88.79 18 13,00 12 555,28 26 10.82 10 \$ 26,13 20 \$ 2.00 32 \$ 3.00 30 \$ 2.00 32 \$ 3.00 33 \$ 3.00 34 \$ 2.50	200 200 4 11 0 1: 1 1,00 % 77.15 22 11,22 17 490,21 15 10.8 13 \$ 22.8 10 \$ 2.0 10 \$ 2.0	21 20 21 20 34 31 10 1 11 1,2 396 90,4 76 13,2 56 574,3 29 10.8 91 \$ 27,2 30 \$ 2.0 76 \$ 3,2 70 \$ 2.6	22 202 34 155 10 110 10 1,215 10 1,215 10 13,13 17 570,91 27 10.82 13 \$ 27,31 50 \$ 2.088 21 \$ 3,28 40 \$ 2.71	33	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	20 15 11 1,20 88,95 13,07 566,33 10,83 \$ 25,00 \$ 1,93 \$ 2,64 \$ 2,64 \$ 2,22	16 20 34 15 10 11 33 1,20 596 89,33 25 13,00 33 567,22 25 10.88 80 \$ 25,3 20 \$ 1.90 90 \$ 2.70 40 \$ 2.31	177 200 54 15 10 11 05 1,12 13% 83,22 147 12,14 48 528,88 26 10,8 11 \$ 23,9 40 \$ 1,9 72 \$ 2,6 00 \$ 2,3	118 20 54 15 10 11 24 1,16 29% 86.44 54 12,6; 54 548,6 26 10.83 26 2 \$25,1; 70 \$ 1.99 63 \$ 2.8; 70 \$ 2.4; 17	2 \$ 3.0 19 20. 14 15. 10 11. 16 1,20 17 88.79 18 13,00 10 \$ 26,12 10 \$ 26,12 10 \$ 26,12 10 \$ 26,12 10 \$ 26,12 10 \$ 25,12 10 \$ 26,12 10 \$	20 20 20 4 11 0 1. 1 1,0° % 77.15 2 11,2° 17 490,2° 15 10.8 3 \$ 22,8° 0 \$ 2.0 50 \$ 2.5	21 20 54 1: 10 1 1,22 10 90,4 11 1,23 10 13,2 10 574,3 29 10,8 91 \$ 27,2 30 \$ 2,0 76 \$ 3,2 70 \$ 2,6 21	22 202 44 154 10 110 20 1,212 176 89,900 10 13,13 17 570,91 27 10,82 27 10,82 27 10,82 21 \$ 3,28 40 \$ 2.71 16 1 1	33 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	20 115 117 1,20 88,95 13,00 566,31 10,82 \$ 25,00 \$ 1,99 \$ 2,66 \$ 2,26	16 20 34 15 10 11 33 1,20 36 89,33 25 13,00 30 567,22 25 10.8 30 \$ 25,3 20 \$ 1.9 90 \$ 2,7 40 \$ 2,3	117 20 54 15 10 11 55 1,12 196 83.25 47 12,16 48 528,8 26 10.8 11 \$ 23,9 40 \$ 1,9 7 60 \$ 2,3 16	118 20 54 15 10 11 24 1,16 29% 86.44 54 12,6; 54 548,6 26 10.83 26 2 \$25,1; 70 \$ 1.99 63 \$ 2.8; 70 \$ 2.4; 17	2 \$ 3.0 19 20. 4 15 0 11 66 1,20 96 88.79 8 13,00 22 565,28 26 10.82 26 10.82 32 \$ 3,00 33 \$ 2,50 17	200 200 4 11 0 1. 1 1,00 % 77.11 12 11,22 17 490,22 15 10.8 10 \$ 22,8 10 \$ 2.0 23 \$ 22,8 10 \$ 2.0 25 10,8	3.0 21 20 54 19 10 1 11 1,22 1996 90,4 76 13,2 56 574,3 29 10,8 99 \$27,2 30 \$2,0 76 \$3,2 76 \$3,2 76 \$2,6 21 28	22 202 34 154 10 111 20 121 37 89,900 10 13,13 37 570,91 27 10,82 27 10,82 21 \$ 3,28 40 \$ 2,71 16 1 11 22 2	3 3 4 0 3 8 % 1 1 3 7 7 2 2 0 0 7 7	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	20 15 11 1,20 88.95 13,00 566,30 10.83 \$ 25,00 \$ 1.99 \$ 2.60 \$ 2.20	16 20 54 15 10 11 33 1,20 59,6 89,33 25 13,00 33 567,22 50 10.8: 08 \$ 25,3 20 \$ 1.9. 95 \$ 2,7 40 \$ 2,3	17 20 54 19 10 11 55 1,12 976 83.22 47 12,14 48 528,8 26 10.8 11 \$ 23,99 40 \$ 1.9 72 \$ 2,6 00 \$ 2.3 16	118 20 54 15 10 11 24 1,16 99% 86,40 54 12,65 54 548,66 26 10.8 62 \$ 25,11 70 \$ 1.9 63 \$ 2.8 70 \$ 2.4 17	2 \$ 3.0 19 20. 4 15 0 11 66 1,20 196 88.79 8 13,00 10 5 26,12 10 \$ 26,12 10 \$ 26,12 10 \$ 2,00 132 \$ 3,00 132 \$ 3,00 132 \$ 3,00 132 \$ 3,00 132 \$ 3,00 132 \$ 3,00 132 \$ 3,00 133 \$ 2,50 137 \$ 2,5	200 200 4 11 0 1. 1 1,00 % 77.11 12 11,22 17 490,22 15 10.8 13 \$ 22,8 10 \$ 22,0 23 \$ 22,5 10 \$ 2.5	3.0 21 20 54 11 10 1 11 1,2 10 1 11 1,2 10 13,2 10,8 33 \$ 3.01 22 2 202 34 154 10 116 10 13,13 47 570,91 27 10.82 27 10.82 27 3.3 \$ 27,31 560 \$ 2.08 21 \$ 3.28 40 \$ 2.71 16 1 1 22 2 2 28 \$ 55	3 3 3 3 3 3 3 5 6 1 1 3 7 7 2 2 2 0 0 7 7 7 7		
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	20 15 11 1,20 88,95 13,90 566,31 10,83 \$ 25,00 \$ 1,93 \$ 2,50 \$ 2,25 \$ 2,22	16 20 34 15 10 11 33 1,22 396 89,33 567,22 25 10,8 30 567,2 25 10,8 30 567,2 40 \$ 25,3 16 2 20 \$ 1,9 95 \$ 2,7 40 \$ 2,3 16 22 27 \$ 4	17 20 54 11 10 11 55 1,11 136 83.22 47 12,14 48 526,8 26 10.8 11 \$ 23,9 40 \$ 1.9 72 \$ 2,6 00 \$ 2.3 16 22 22 236 \$ 4	118 200 54 15 10 11 24 1,16 396 86,40 54 12,65 54 548,66 26 10.8 63 \$ 25,11 70 \$ 1.9 63 \$ 2,8 70 \$ 2,4 17 24 87 \$ 5	2 \$ 3.0 19 20. 4 15 0 11 66 1,20 196 88.79 18 13,00 10 5 26,12 10 \$ 26,12 10 \$ 26,02 10 \$ 20,00 10 \$ 20	200 200 4 11 0 1. 1 1,0° % 777.19 22 11,2° 17 490,2° 15 10.8 33 \$ 22,8 00 \$ 2.0 00 \$ 2.0 00 \$ 2.5 17 24 15 \$ 6	3.0 3.0 20 21 20 25 3.0 20 21 20 20 20 20 20 2	33 \$ 3.01 22 2 202 34 154 10 116 10 13,13 47 570,91 27 10.82 27 10.82 27 3.3 \$ 27,31 560 \$ 2.08 21 \$ 3.28 40 \$ 2.71 16 1 1 22 2 2 28 \$ 55	3 3 3 3 3 3 3 5 6 1 1 3 7 7 2 2 2 0 0 7 7 7 7	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	20 115 11,20 88,95 13,00; 566,3(10,8) \$ 25,0(\$ 1.9) \$ 2,6(\$ 2.2) \$ 4	16 20 34 15 10 11 33 1,20 36 89,33 567,2 25 13,0 33 567,2 25 10.8 8 25,3 25 2,7 40 \$ 2,3 16 22 27 \$ 4 42 0,7	177 200 54 15 10 11 55 1,12 396 83.22 47 12,14 48 528,83 26 10.83 11 \$ 23,91 49 2,23 16 20 \$ 2.3 16 22 23 36 \$ 4 44 0.66	118 20 54 15 10 11 24 1,16 396 86,40 64 12,66 54 548,60 26 10.8,62 62 \$ 25,1;7 70 \$ 1.99 63 \$ 2,8;7 70 \$ 2.4; 17 24 87 \$ 55,93 93 0.7	2 \$ 3.0 19 20. 4 15. 0 11. 6 1,20 88.79 8 13,00 5 265,28 10 \$ 265,28 10 \$ 26,12 10 \$ 26,12 10 \$ 2,01 30 \$ 2,5 17 24 2. 10 \$ 5,5 17 9 0. 11 9 0. 12 9 0. 13 9 0. 14 9 0. 15 9 0. 16 9 0. 17 9 0. 18 9 0.	200 200 4 11 1 1,00 1 1 1 1,00 1 1 1 1,00 1 1 1 1	21 20 21 20 34 1: 10 1 1.2: 1396 90.4: 76 13.2: 66 574.3: 99 10.8: 91 \$ 27,2: 30 \$ 2.0: 70 \$ 3.2: 62 \$ 3.2: 10 \$ 3.2: 1	33 \$ 3.01 22 2 202 44 155 10 111 96 89,909 10 13,13 77 570,91 13 \$ 27,31 60 \$ 2.08 21 \$ 3,28 40 \$ 2.71 16 1 1 22 2 2 28 \$ 55 53 0.74	33 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons)	20 15 11,20 88,95 13,00; 566,3(10,8; \$ 25,0(\$ 1.9) \$ 2,6(\$ 2.2:	16 20 34 15 10 11 33 1,20 36 89,33 25 13,06 30 567,22 25 10.8 30 \$ 25,3 20 \$ 1.9 95 \$ 2,7 40 \$ 2.3 16 22 27 \$ 4 42 0.7 11 0.	117 200 54 115 10 11 25 1,12 296 83.29 47 12,14 48 528,83 26 10,8 11 \$ 23,9 40 \$ 1,9 72 \$ 2,6 00 \$ 2,3 16 22 21 36 \$ 4 44 0,6 11 0.8	118 20 14 15 10 11 14 1,16 16 12,6 17 54 548,6 16 10,8 17 54 548,6 16 10,8 17 54 548,6 17 54 548,6 18 1,9 18 1,9	2 \$ 3.0 19 20. 14 15. 10 11. 16 1,20 18 13,00 19 88.79 18 13,00 10 \$ 565,28 10 \$ 26,13 10 \$ 26,13 10 \$ 2,00 11 \$ 26,13 17 24 5. 10 \$ 5,50 17 24 5. 19 0 \$ 5,50 17 24 5. 19 0 \$ 5,50 19 0 \$ 5,50 10 \$ 5,50 11 0 \$ 5,50 11	20 20 20 4 11 1 1,00 1 1 1 1,00 1 1 1 1 1 1 1 1 1	21 20 54 11 10 1 1 10 1 1 11 1,22 56 574,3 29 10,8 91 \$ 27,2 30 \$ 2.0 76 \$ 3,2 77 \$ 2,6 21 28 10 \$ 4 43 0.7 11 0	33 \$ 3.01 22 2 202 44 154 10 110 20 1,212 176 89,90 10 13,13 47 570,91 27 10,82 27 2,31 50 \$ 2.08 21 \$ 3,28 40 \$ 2.71 16 1 22 2 2 2 2 2 3 0.74 11 0.11	3 1 1 0 1 3 7 7 2 0 0 7 7 4 4 6 9 9	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	20 15 11 1,20 88,95 13,00 566,30 10,80 \$ 25,00 \$ 1,90 \$ 2,60 \$ 2,20 \$ 2,20 \$ 2,00 \$ 3,00 \$ 3,00 \$ 3,00 \$ 3,00 \$ 4,00 \$ 5,00 \$ 5,	166 200 144 15 100 11 133 1,202 1596 89,33 1567,22 150.8 150	17 20 54 19 10 11 55 1,12 996 83.25 17 12,16 48 528,8 26 10.8 11 \$ 23,99 40 \$ 1.9 72 \$ 2,6 00 \$ 2.3 16 22 22 36 \$ 4 44 0.6 11 0.6 11 0.6	118 20 54 15 10 11 24 1,16 99% 86,40 54 12,61 54 548,60 66 \$ \$2,51,1 70 \$ 1.99 63 \$ 2,81 70 \$ 2.41 71 24 87 \$ 55 93 0.7 11 0.0	2 \$ 3.0 19 20. 4 15. 0 11. 66 1,20 196 88.79 8 13,00 10 \$ 26,12 10 0 0 \$ 5. 11 0 0. 11 0 0. 11 0 0.	200 200 200 4 11: 0 1: 1 1,00 9% 77.1: 12: 11,2: 17 490,2: 15: 10.8: 13: \$ 22,8: 10: \$ 22,0: 10: \$ 2.0: 10: \$ 2.0: 10: \$ 641 0.6: 11 0.6: 11 0.6: 11 0.6:	3.6 3.6	33 \$ 3.01 22 2 202 34 154 10 110 10 1,213 17 570,91 17 10.82 17 3 \$ 27,31 18 2 2.08 10 1 1 2 2 2 10 5 2 2 2 10 5 3 2 2 3 10 6 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 1 10 1 1 10 1 1 1 1	3 3 4 0 3 8 8 8 1 3 7 7 2 2 0 0 7 7 0 0 7 4 6 6 9 9	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	20 15 11,20 88,95 13,00; 566,3(10,8; \$ 25,0(\$ 1.9) \$ 2,6(\$ 2.2:	166 200 144 15 100 11 133 1,202 1596 89.33 125 13,003 1567,22 10.8: 10.8	117 20 54 11 10 11 15 1,11 136 83.22 47 12,14 48 528,8 26 10.8 11 \$ 23,9 40 \$ 1.9 72 \$ 2,6 00 \$ 2.3 16 22 23 36 \$ 4 44 0.6 11 0.6 11 0.6 11 0.6	118 200 144 1.5 10 11 144 1.16 154 548,66 10.8 154 548,66 10.8 156 \$25,1 17 17 18 17 24 24 17 27 18 17 28 18 17 19 19 10 11 10 11 11 11 15 11 11 15 11 11 15 11 11 15 11 11	2 \$ 3.0 19 20. 4 15 0 11 66 1,20 22 565,28 66 10,82 10 \$ 26,13 20 \$ 2,50 30 \$ 2,50 17 24 20 \$ 55 19 0.7 11 0.7 11 0.7 135 1.9	200 200 200 4 11: 0 1: 1 1,00 % 777.19: 22 11,22 17 490,2: 15 10.8 33 \$ 22,8 00 \$ 2.0 00 \$ 2.5 77 72 24 11 0.6 11 0.6 11 0.0 02 \$	3.0 3.0	33 \$ 3.01	33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	20 15 11,20 88,95 13,00 566,30 10,83 \$ 25,00 \$ 1.93 \$ 2,50 \$ 2,22 \$ 4 0.7 0.5 \$ 5 1.9	166 200 144 15 100 111 133 1,22 1596 89,33 1567,2 25 10.8 108 109 \$ 25,3 106 106 107 107 108 108 109 108 109 109 109 109 109 109 109 109 109 109	117 20 54 11 10 11 15 1,11 136 83.22 47 12,14 48 528,8 26 10.8 11 \$ 23,9 40 \$ 1.9 72 \$ 2,6 00 \$ 2.3 16 22 23 36 \$ 4 44 0.6 11 0.6 11 0.6 11 0.6	118 20 54 15 10 11 24 1,16 396 86,40 64 12,65 54 548,60 26 10.8 62 \$ 25,1 70 \$ 1.9 63 \$ 2,8 70 \$ 2.4 17 24 87 \$ 55 93 0.7 11 0. 148 \$ 1 161 1.9 106 0.3	2 \$ 3.0 19 20. 44 15. 0 11. 16 1,200 18 13.00 12 555,28 10 \$ 25,13 00 \$ 2.51 17 24 20 19 0.7 11 0.0 11 0.	200 200 4 11: 0 1: 1 1,00- % 77.15: 2 11,2: 17 490,2: 15 10.8: 33 \$ 22,8: 00 \$ 2.0: 00 \$ 2.0: 01 \$ 2.0: 01 \$ 2.0: 01 \$ 2.0: 02 \$ 2.0: 03 \$ 2.0: 04 \$ 2.0: 05 \$ 2.0: 06 \$ 2.0: 07 \$ 2.0: 07 \$ 2.0: 08 \$ 2.0: 09	21 20 25 3.0 21 20 25 3.0 21 20 25 25 25 25 25 25 25	33 \$ 3.01 22 2 202 44 155 10 110 20 1,211 176 89,909 10 13,13 17 570,91 27 10,82 13 \$ 27,31 60 \$ 2.08 21 \$ 3,28 22 \$ 2 23 \$ 3,28 24 \$ 2,71 25 \$ 3,28 26 \$ 555 3 0,74 11 0,1 34 \$ 7 11 0,1 34 \$ 7 11 0,1 36 \$ 3,28 37 \$ 3,28 38 \$ 555 30 \$ 3,28 30 \$ 3,28 40 \$ 3,28	33 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate	20 118 119 1,20 88,95 13,00; 566,30 10.86; \$ 25,00 \$ 1.96; \$ 2,60; \$ 2.20; \$ 4 0.7 0.9 \$ 5 1.90; \$ 3,00; \$ 2.20;	166 200 144 115 100 111 133 1,202 1596 889,33 1557,202 155 113,00 133 567,202 155 110.88 158 \$ 25,33 159 \$ 2,7 140 \$ 2,33 166 162 177 \$ 4 179 4 1.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 6.0 187 \$ 6.0	177 200 54 119 100 110 55 1,12 1396 83.22 17 12,14 48 528,83 26 10.83 11 \$ 23,91 40 \$ 1.99 72 \$ 2,61 00 \$ 2.3 16 22 236 \$ 4 44 0.66 11 0.66 11 0.66 15 \$ 2.8	118 20 54 15 10 11 24 1,16 396 86,40 64 12,66 54 548,56 26 10.8,62 62 \$ 25,1;70 63 \$ 2,8;70 70 \$ 2.4;17 17 24 \$ 5,93 0.7 11 0.	2 \$ 3.0 19 20. 4 15 0 11 66 1,20 22 565,28 66 10,82 10 \$ 26,13 20 \$ 2,50 30 \$ 2,50 17 24 20 \$ 55 19 0.7 11 0.7 11 0.7 135 1.9	200 200 4 11: 0 1: 1 1,00- % 77.15: 2 11,2: 17 490,2: 15 10.8: 33 \$ 22,8: 00 \$ 2.0: 00 \$ 2.0: 01 \$ 2.0: 01 \$ 2.0: 01 \$ 2.0: 02 \$ 2.0: 03 \$ 2.0: 04 \$ 2.0: 05 \$ 2.0: 06 \$ 2.0: 07 \$ 2.0: 07 \$ 2.0: 08 \$ 2.0: 09	21 20 25 3.0 21 20 25 3.0 21 20 25 25 25 25 25 25 25	33 \$ 3.01	33 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	20 118 119 1,20 88,95 13,00; 566,30 10.86; \$ 25,00 \$ 1.96; \$ 2,60; \$ 2.20; \$ 4 0.7 0.9 \$ 5 1.90; \$ 3,00; \$ 2.20;	166 200 144 115 100 111 133 1,202 1596 889,33 1557,202 155 113,00 133 567,202 155 110.88 158 \$ 25,33 159 \$ 2,7 140 \$ 2,33 166 162 177 \$ 4 179 4 1.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 4.9 186 \$ 6.0 187 \$ 6.0	177 200 54 119 100 111 105 1,12 1396 83,22 148 528,83 16 10,83 11 \$ 23,91 11 \$ 23,91 16 \$ 1.99 172 \$ 2,61 10 \$ 2.3 16 22 36 \$ 4 44 0.6 11 0.6 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 2 10 60 \$ 3 10 60 \$	118 20 54 15 10 11 24 1,16 396 86,40 64 12,65 54 548,60 26 10.8 62 \$ 25,1 70 \$ 1.9 63 \$ 2,8 70 \$ 2.4 17 24 87 \$ 55 93 0.7 11 0. 148 \$ 1 161 1.9 106 0.3	2 \$ 3.0 19 20. 44 15. 0 11. 16 1,200 18 13.00 12 555,28 10 \$ 25,13 00 \$ 2.51 17 24 20 19 0.7 11 0.0 11 0.	200 200 4 11: 0 1: 1 1,00- % 77.15: 2 11,2: 17 490,2: 15 10.8: 33 \$ 22,8: 00 \$ 2.0: 00 \$ 2.0: 01 \$ 2.0: 01 \$ 2.0: 01 \$ 2.0: 02 \$ 2.0: 03 \$ 2.0: 04 \$ 2.0: 05 \$ 2.0: 06 \$ 2.0: 07 \$ 2.0: 07 \$ 2.0: 08 \$ 2.0: 09	21 20 25 3.0 21 20 25 3.0 21 20 25 25 25 25 25 25 25	33 \$ 3.01 22 2 202 44 155 10 110 20 1,211 176 89,909 10 13,13 17 570,91 27 10,82 13 \$ 27,31 60 \$ 2.08 21 \$ 3,28 22 \$ 2 23 \$ 3,28 24 \$ 2,71 25 \$ 3,28 26 \$ 555 3 0,74 11 0,1 34 \$ 7 11 0,1 34 \$ 7 11 0,1 36 \$ 3,28 37 \$ 3,28 38 \$ 555 30 \$ 3,28 30 \$ 3,28 40 \$ 3,28	33 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EntityName Coleman 3	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate NOX cost(\$000)	20 15 11 1,20 88,95 13,00 566,30 10,80 \$ 25,00 \$ 1,90 \$ 2,20 \$ 2,20 \$ 2,20 \$ 2,20 \$ 2,20 \$ 3,20 \$ 5,50 \$ 3,20 \$ 3,	166 200 144 15 100 111 133 1,202 1596 89.33 125 13,003 1567,22 15.81 15.82 15.82 15.82 15.83 15.	17 20 54 19 10 11 55 1,12 196 83.25 47 12,14 48 528,8 26 10.8 11 \$ 23,90 40 \$ 1.9 72 \$ 2,6 00 \$ 2.3 16 22 22 36 \$ 4 44 0.6 11 0.6 11 0.6 12 25 18 0.6 19 0.6 10 0.3 14 0.3	118 20 54 15 10 11 24 1,16 99% 86,40 54 12,61 54 548,60 66 \$ 25,1 70 \$ 1.99 63 \$ 2,81 70 \$ 2.41 77 24 87 \$ 55 93 0.7 11 0.0 148 \$ 1 161 1.9 106 0.3 109 0.3	2 \$ 3.0 19 20. 4 15 0 11 66 1,20 12 565,28 13,00 12 565,28 13 13,00 14 10 \$ 26,12 15 10 \$ 26,12 17 24 2 17 24 2 18 10 \$ 5.5 19 0.7 11 0.05 \$ 11 135 1.9 107 0.3 108 3.0	200 200 200 4 11: 0 1: 1 1,00 77.1: 17 490,2: 15 10.8: 13 \$ 22,8: 10 \$ 22,0: 10 \$ 2.0: 15 \$ 641 1 0.6: 11 0.0: 11 0.0: 12 \$ 92 17 7 18 18 18 18 18 18 18 18 18 18 18 18 18 1	3.6 3.6	33 \$ 3.01	3 1 1 1 1 1 1 3 3 7 7 2 2 0 0 7 7 4 6 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000)	200 15 101 1.20 88.95 13,0.0 566,30 10.83 \$ 25,00 \$ 1.99 \$ 2,60 \$ 2.20 \$ 4 0.7 0.0 \$ 5 1.9 0.3 \$ 3,4	166 20 144 15 10 11 13	117 20 54 11 10 11 15 1,11 136 83.22 47 12,14 48 526,8 26 10.8 11 \$ 23,91 72 \$ 2,6 00 \$ 2.3 16 2 22 2 36 \$ 4 44 0.6 11 0.6 60 \$ 2 195 1.8 106 0.3 241 \$ 2,9	118 20 54 15 10 11 24 1,16 396 86,40 54 12,65 54 548,66 26 10.8 63 \$ 2,8 70 \$ 2,4 17 24 87 \$ 55 93 0.7 11 0. 24 87 25,11 26 0. 27 0. 28 0. 29 0. 20 0	2 \$ 3.0 19 20. 4 15. 0 11 6 1,20 88.79 88 13,00 12 565,28 10 \$ 26,12 10 \$ 26,12 10 \$ 2,01 30 \$ 2,5 17 24 2 20 \$ 5,5 19 0,7 11 0. 05 \$ 11 35 1.9 07 0.3	200 200 4 11 1 1,00 11 1 1,00 11 1 1,00 11 1 1 1,00 11 1 1 1	15 \$ 3.0	33 \$ 3.01 22 2 202 44 155- 10 111 96 89,903 10 13,13 77 570,91 77 10,82 13 \$ 27,31 50 \$ 2.08 21 \$ 3,28 40 \$ 2.71 16 1 22 2 23 3 84 \$ 55 53 0.74 11 0.1 84 \$ 7 19 2.00 196 0.30 179 \$ 3,06	33	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost (\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh	20 115 126 88.95 13,02 566,3(10.83 \$ 25,0(\$ 1.99 \$ 2,6(\$ 2.22 \$ 4 0.7 0. \$ 5 1.9 0.3 \$ 3,4	166 200 34 15 10 11 33 1,20 396 89,33 30 3567,2 25 10,8 08 \$ 25,3 25 \$ 10,8 08 \$ 25,3 27 40 \$ 2,3 16 22 27 \$ 4 42 0,7 11 0, 163 \$ 4 494 1,9 106 0,3 185 \$ 3,2	177 200 54 15 100 11 105 1,12 1396 83.25 141 \$ 23,91 141 \$ 23,91 160 \$ 1.99 172 \$ 2,66 100 \$ 2.3 16 11 0.6 160 \$ 2.3	118 20 144 15 10 11 124 1,16 126 12,65 12,65 12,65 13,66 14,66 15,66 16,66	2 \$ 3.0 19 20. 44 15. 0 11. 0 11. 0 555,28 0 \$ 25,13 0 \$ 2.01 0 \$ 26,13 0 \$ 2.55 17 24 00 \$ 55 19 0.7 11 0.05 \$ 11 0.05 \$ 1.09 0.7 11 0.05 \$ 3.09 0.7 11 0.04 0.7 12 \$ 3.00 0.7 13 3.5 1.99 0.7 142 \$ 29,6 40 \$ 24.	200 200 200 4 11: 0 1: 1 1,00 9% 77.1: 12: 11,2: 17 490,2: 15: 10.8: 22.8: 0 \$ 2.0: 0 \$ 2.5: 17 24 15 \$ 66 11 0.6: 0 0.2: \$ 92 1.7 206 0.3 30 \$ 2.6 51 \$ 26,0 51 \$ 26,0	21 20 20 21 20 21 20 21 20 21 20 21 21	33 \$ 3.01 22 2 202 44 15- 10 110 20 1,211 176 89,90 10 13,13 47 570,91 27 10,82 31 \$ 27,31 60 \$ 2.08 21 \$ 3.28 21 \$ 3.28 22 2 20 2 21 \$ 3.28 31 \$ 2.71 16 1 22 2 2 23 3 \$ 2.71 16 1 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 22 2 2 23 2 2 24 3 3.25 25 3 0.74 11 0.1 34 \$ 7 7 11 0.1 34 \$ 7 7 11 0.3 35 \$ 3.06	33	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000)	20 15 11 1,20 88.95 13,00 566,30 \$ 25,00 \$ 1.99 \$ 2,60 \$ 2.20 \$ 4,0 0.7 0. \$ 5,0 1.9 0.3 3 3,0 3 3,0 4 0,7 0.7 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	166 200 144 15 100 11 133 1,202 1596 89,332 155 13,09 158 255 13,09 158 257 10.8 158 257 10.8 1595 \$ 25,7 10.8 1595 \$ 27 10.8 1595 \$ 27 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 32 1596 \$ 32 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1597 \$ 34 1597	17 20 164 15 10 11 15 1,12 168 83.22 17 12,14 18 528,81 26 10,81 11 \$ 23,91 10 \$ 1.9 72 \$ 2,6 10 \$ 2.3 11 \$ 23,91 10 \$ 2.3 11 \$ 23,91 10 \$ 2.3 11 \$ 23,91 10 \$ 2.3 11 \$ 2.3 10 \$ 2.3 11 \$ 2.3 10 \$	118 20 144 1,16 164 1,16 174 1,16 186,40 186,40 186,40 186,40 186,40 186,40 187,40	2 \$ 3.0 19 20. 4 15. 0 11. 6 1,20 9 88.79 18 13,00 10 \$ 565,26 10 \$ 26,13 10 \$ 26,13 10 \$ 26,13 10 \$ 20,00 11 \$ 20,00 11 \$ 20,00 12 \$ 3,00 13 \$ 3,00 14 \$ 2,00 15 \$ 10,00 17 \$ 3,00 18 \$ 3,00 19 \$ 0.7 11 0. 10 0.5 \$ 11 10 0. 10 5 \$ 11 10 0. 10 5 \$ 11 10 0. 10 5 \$ 10 10 7 0. 10 7 0. 10 7 0. 10 8 20,00 10 9 0. 10	200 200 200 4 11: 0 1: 1 1,00 9% 77.1: 12: 11,2: 17 490,2: 15: 10.8: 22.8: 0 \$ 2.0: 0 \$ 2.5: 17 24 15: 15: 15: 16: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10	15 \$ 3.0	33 \$ 3.01 22 2 202 34 154 10 110 20 1,213 176 89,909 10 13,13 17 570,91 27 10,82 27 10,82 21 \$ 3,28 40 \$ 2,73 160 \$ 2.08 21 \$ 3,28 40 \$ 7 11 0.1 84 \$ 7 11 0.1 84 \$ 7 11 0.1 84 \$ 7 11 0.1 84 \$ 7 11 0.1 84 \$ 7 19 2.00 179 \$ 3,06 179 \$ 3,06 179 \$ 3,06 179 \$ 3,06	3 1 1 1 1 3 1 1 3 7 7 2 2 0 0 7 7 4 6 6 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Max Capacity(MW) Min Capacity(MW) Generation(GWh) Annual Cap. Fac. Fuel used(GBtu) Coal(Tons) Heat Rate Fuel cost (\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000) Op Cost per MWh	20 15 11 1,20 88.95 13,00 566,30 \$ 25,00 \$ 1.99 \$ 2,60 \$ 2.20 \$ 4,0 0.7 0. \$ 5,0 1.9 0.3 3 3,0 3 3,0 4 0,7 0.7 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	166 200 144 15 100 11 133 1,202 1596 89,332 155 13,09 158 255 13,09 158 257 10.8 158 257 10.8 1595 \$ 25,7 10.8 1595 \$ 27 10.8 1595 \$ 27 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 25 10.8 1596 \$ 32 1596 \$ 32 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1596 \$ 33 1597 \$ 34 1597	17 20 164 19 10 11 15 1,12 167 12,14 18 528,81 16 10,81 11 \$23,91 10 \$1,97 72 \$2,60 00 \$2,3 16 \$2 36 \$4 44 0.6 10 \$1,9 10 \$1,9 10 \$2,3 11 \$2,0 10 \$2,3 11 \$2,0 10 \$2,3 11 \$2,0 10 \$2,3 11 \$2,0 11 \$2,0 12 \$2,0 13 \$2,0 14 \$2,0 15 \$2,0 16 \$2,0 17 \$2,0 18 \$2,0 18 \$2,0 19 \$2,0 10 \$	118 20 144 1,16 164 1,16 174 1,16 186,40 186,40 186,40 186,40 186,40 186,40 187,40 187,40 187,40 188,40	2 \$ 3.0 19 20. 4 15. 0 11. 6 1,20 9 88.79 18 13,00 12 565,28 10 \$ 26,13 10 \$ 26,13 10 \$ 20,13 11 0.0 11 0.0 11 0.0 12 0.0 12 0.0 13 0.0 14 0.0 15 0.0 16 0.0 17 0.0 18 0.0 18 0.0 19 0.0 19 0.0 19 0.0 19 0.0 10 0.	200 200 4 11 0 1. 1 1,00 9% 77.11 12 11,22 17 490,22 15 10.8 10 \$ 22.8 10 \$ 2.0 23 \$ 22.8 15 \$ 66 11 0.6 11 0.6 12 \$ 1.7 24 15 \$ 6 11 0.6 10 0.2 5 1.7 26 0.3 3 \$ 2.5 5 1 \$ 2.6 5 2.6 5 2.7 5 2.7 5 5 6 6 0.3 6 0.	15 \$ 3.0	33 \$ 3.01 22 2 202 44 15- 10 110 20 1,211 176 89,90 10 13,13 47 570,91 27 10,82 31 \$ 27,31 60 \$ 2.08 21 \$ 3.28 21 \$ 3.28 22 2 20 2 21 \$ 3.28 31 \$ 2.71 16 1 22 2 2 23 3 \$ 2.71 16 1 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 21 \$ 3.28 22 2 2 23 2 2 24 3 3.25 25 3 0.74 11 0.1 34 \$ 7 7 11 0.1 34 \$ 7 7 11 0.3 35 \$ 3.06	3 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

tityName		2016	2017	2018	2019	2020	2021	2022	2023		
	Max Capacity(MW)	50	50	50	50	50	50 40	50 40	50 40		
	Min Capacity(MW)	40	40	40	40	40	18	40	- 40		
	Generation(GWh)	42	62	11		19		0.0004			
	Annual Cap. Fac.	9.63%	14.09%	2.60%	0.00%	4.27%	4.07%	0.00%	0.00%		
	Fuel used(GBtu)	573	836	154		254	242	-			
	Coal(Tons)										·····
	Heat Rate	13.557	13,548	13.563	#DIV/0!	13.548	13.559	#DIV/0!	#DIV/0!		
	Fuel cost(\$000)	\$ 4,340	\$ 6,936	\$ 1,350	\$ -	\$ 2,041	\$ 2,221	\$ -	\$ "		
		\$ 7.569	\$ 8,297	\$ 8.750	#DIV/0!	\$ 8.040	\$ 9.180	#DIV/0!	#DIV/0!		
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
			\$ -	\$ -	#DIV/0!	\$ -	\$ -	#DIV/0!	#DIV/0!		
	Num starts(.)	8	5	3		3	3	-	- 1		
	Start Fuel used(GBtu)	7	5	2		2	2	-	- 1		
	Start cost(\$000)	principals a surely referenced to the	\$ 162	\$ 87	ė .	\$ 89	\$ 94	\$ -	\$ -		
		0.001	0.001	0.000		0.000	0.000	-	 		
	SO2(ktons)	0.00		0.00	#DIV/0!	0.00	0.00	#D1V/0!	#DIV/0!		
	SO2 Emit Rate	the state of the same of the large	0.00			\$ 0	\$ 0.00	\$ -	\$ -		
	SO2 cost(\$000)		\$ U		\$		0.018	· · · · · · · · · · · · · · · · · · ·	 		*******
	NOx(ktons)	0.043	0.062	0.012		0.019	0,018	450,001	#DIV/0!		
	NOx Emit Rate	0.15	0.15	0.15	#DIV/0!	0.15		#DIV/0!			
	NOx cost(\$000)	\$ 76	\$ 101	\$ 18	\$ -	\$ 29	\$ 28	\$ -	\$ -		
						ir'n man, against form sorre				***************************************	
	Total Operating Cost (\$000)	\$ 4,579	\$ 7,098	\$ 1,437	\$ -	\$ 2,131	\$ 2,315		\$ -		
***************************************	Op Cost per MWh	\$ 108.26	\$ 115.03	\$ 126.32	#DIV/0!	\$ 113.70	\$ 129.73	#DIV/01	#DIV/0!		
······································	Total Emissions Cost (\$000)	\$ 77	\$ 102	\$ 18		\$ 29	\$ 28	\$ -	\$ -		
	Emit Cost per MWh		\$ 1.65	\$ 1.62		\$ 1.56	\$ 1.56		#DIV/0!		
	arm cost per ratti							1			
									1		1
A(4- /A)		. 2016	2017	. 2018	2019	2020	2021	2022	2023		
tityName					65	65	65	65	65		
id GT	Max Capacity(MW)	65	65	65	1		1				
	Min Capacity(MW)				ļ		9	9	9		
	Generation(GWh)	9	11	9	8	9	+ - 9				
	Annual Cap. Fac.	1.53%	1.98%	1.53%		1.51%					
	Fuel used(GBtu)	104	134	104	97	102	101	107	108	ala aranko wanee ya	
	Coal(Tons)							1		4	
	Heat Rate	11.863	11.824	11.951	11.732	11.883	11.621	11.721	11.749		
	Fuel cost(\$000)	\$ 757	\$ 993	\$ 788	\$ 748	\$ 824	\$ 835	\$ 897	\$ 932		1
	Fuel Cost per MMBTu	\$ 7.287	\$ 7.439	\$ 7.562		\$ 8.046	\$ 8,282	\$ 8.422	\$ 8.637		
	VOM cost(\$000)	\$	\$.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
tion and the men	VOM per MWh	\$ -	\$ "	\$ -	\$ -	\$ -	\$ -	\$	\$ -		
J	Num starts(.)			T			-	-	-		
				 				-	-		1
	Start Fuel used(GBtu)		\$	\$ -	\$ -	\$ -	1 5	\$ -	\$ -		1
	Start cost(\$000)	\$ -	<u></u>		+3		+*	+*	-		1
	SO2(ktons)		-	ļ <u>-</u> -		ļ	 		-	 	
	SO2 Emit Rate	-		ļ <u> </u>	1		 -	<u> </u>			
	SO2 cost(\$000)	\$ 0		\$ 0		\$ 0					
	NOx(ktons)	0.007	0.009	0.007		0.007	0.007				
	NOx Emit Rate	0.15	0.15	0,15		0.15					
······································	NOx cost(\$000)	\$ 12	\$ 14	\$ 11	\$ 10	\$ 10	\$ 10	\$ 11	\$ 11		}
											<u> </u>
	Total Operating Cost (\$000)	\$ 757	\$ 993	\$ 788	\$ 748	\$ 824	\$ 835	\$ 897			L
and the second second second second	Op Cost per MWh	\$ 86.45	\$ 87.96			\$ 95.61	\$ 96.24	\$ 98.72	\$ 101,47		
A from the same of the same	Total Emissions Cost (\$000)	\$ 12				\$ 10		\$ 11	\$ 11	1	
>	Emit Cost per MWh	\$ 1.36	\$ 1.26			\$ 1.18			\$ 1.18		
	Estate Code per Pians	7 200	1	+	1	T	1	1			1
	and the terror of the second section of the section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the section of th	ļ		+		t	1	+	<u> </u>		
		2011	704	30.	8 2019	202	0 202	1 202	2 2023		1
ntityName	1	2016	201	201						 	1
reen 1	Max Capacity(MW)	231	231			231		431			
	Min Capacity(MW)	180	180			180					+
and a second second second	Generation(GWh)	1,746		1,745	1,906	1,801					
	Annual Cap. Fac.	86.06%	94,419	86,249		88.749					 .
a candidada mbaha na m Y	Fuel used(GBtu)	19,205		19,197	20,978	19,811					
	Coal(Tons)	960,241				990,534	1,053,63	853,902			1
	Heat Rate	10.998	11.002			11.002	11.00				
	Fuel cost(\$000)	\$ 34,953									
	Fuel Cost per MMBTu	\$ 1.820				\$ 1.900					1
	VOM cost(\$000)	\$ 9,116									1
		\$ 5.220									
	VOM per MWh										1
	Num starts(.)	14									
	Start Fuel used(GBtu)	34									
	Start cost(\$000)	\$ 1,168									
	SO2(ktons)	1.873									
	SO2 Emit Rate	0.20									
	SO2 cost(\$000)	\$ 1,421						5 \$ 18			
	NOx(ktons)	2.640		2,61							_\
	NOx Emit Rate	0.27				0.28					
***	NOx cost(\$000)	\$ 4,614			3 \$ 4,370			8 \$ 3,54			
		+ · · · · · · · · · · · · · · · ·	1	1	Ti Ti	T					1
u ./	Tatal Operating Cost (#500)	\$ 45,236	\$ 49,730	\$ 46,32	0 \$ 51,06	\$ 49,40	B \$ 52,86	4 \$ 44,73	7 \$ 54,343		- · · · · · · · · · · · · · · · · · ·
	Total Operating Cost (\$000)							1 \$ 28.8			
	Op Cost per MWh	\$ 25.90		2 20.5							
			\$ 5,96	1 3 4.77	1 \$ 4,668	\$ 4,41	1 \$ 4,69		3 \$ 4,636	<u> </u>	
and the second	Total Emissions Cost (\$000)						E 2 ~ 4	E & 24	1 6 3 43	1	1
taning and the same of the same	Total Emissions Cost (\$000) Emit Cost per MWh	\$ 3.46		2 \$ 2.7	3 \$ 2.4		5 \$ 2.4	5 \$ 2.4	1 \$ 2.43		

EntityName	T I	2016	2017	2018	2019	2020	2021	2022	2023	
	Max Capacity(MW)	223	223	223	223	223	223	223	223	
reen 2		180	180	180	180	180	180	180	180	
a. ar's/hr	Min Capacity(MW)	1,810	1,664	1,739	1,526	1,775	1,732	1,815	1,726	
	Generation(GWh)	92,39%	85.17%	89.00%	78,14%	90.61%	88.64%	92.92%	88.36%	
	Annual Cap. Fac.	20,134	18,506	19,348	16,988	19,757	19,267	20.203	19,208	 - MARTIN ATTENDED
	Fuel used(G8tu)	1,006,691	925,281	967,411	849,412	987,844	963,364	1,010,138	960,403	
	Coal(Tons)			11,128	11.129	11,132	11.127	11.131	11,127	
	Heat Rate	11.125	11.123	**************************************		\$ 37,538		\$ 39,395	\$ 37,840	
	Fuel cost(\$000)	\$ 36,644	\$ 34,050	\$ 35,988 \$ 1.860	\$ 1.880	\$ 1.900	\$ 1.920	\$ 1.950	\$ 1.970	
condition many - IN Company	Fuel Cost per MMBTu	\$ 1.820	\$ 1.840	\$ 9,580	····	\$ 10,329	\$ 10,355	\$ 11,145	\$ 10,892	
	VOM cost(\$000)	\$ 9,447	\$ 8,918		\$ 8,640 \$ 5.660	\$ 5.820	\$ 5.980	\$ 6.140	\$ 6.310	
	VOM per MWh	\$ 5.220	\$ 5.360			12	\$ <u>5.500</u>	12	15	 w/, turn_man_ t
	Num starts(.)	11 23	14	12	21 64	22	37	27	42	
	Start Fuel used(GBtu)		40	32				\$ 1,056	\$. 1,704	
	Start cost(\$000)	\$ 774	\$ 1,413	\$ 1,149		1,926	1.879	1,970	1.873	 ··············
	SO2(ktons)	1.963	1.805	1.887	1.657		0.20	0.20	0.20	
	SO2 Emit Rate	0.20	0.20	0.20	0.20	0.20		\$ 219	\$ 197	 ······································
	SO2 cost(\$000)	\$ 1,490	\$ 1,115	\$ 674	\$ 242	\$ 264 2,709	\$ 252 2.627	2.771	2.627	
	NOx(ktons)	2,751	2,542	2.635	2.315		0.27	0.27	0.27	
	NOx Emit Rate	0.27	0.27	0.27	0.27	0.27			\$ 4,012	
	NOx cost(\$000)	\$ 4,808	\$ 4,131	\$ 4,134	\$ 3,496	\$ 4,120	\$ 4,001	\$ 4,225	\$ 4,012 C	
								1 51 502	+ 50.436	
	Total Operating Cost (\$000)	\$ 46,865		\$ 46,716	\$ 42,919	\$ 48,711			\$ 50,436	
as a redirection of the broken	Op Cost per MWh	\$ 25.89	\$ 26.68	\$ 26.87		\$ 27.45	\$ 28.17		\$ 29.22	
6 00'00000 - m - 1 - 0'00'00'	Total Emissions Cost (\$000)	\$ 6,298	\$ 5,246		\$ 3,738	\$ 4,384				
	Emit Cost per MWh	\$ 3,48	\$ 3.15	\$ 2.76	\$ 2.45	\$ 2.47	\$ 2.46	\$ 2.45	7 2,11	
		2016	2017	2018		2020			2023	
Total	Max Capacity(MW)	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	 <u> </u>
A. Tarantana and A.	Min Capacity(MW)	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	
100 to 10	Generation(GWh)	12,611	12,218	12,630	12,244	12,516	12,599	12,559	12,582	 b
	Annual Cap. Fac.	82.63%	80.27%			82.01%				 · ·
	Fuel used(GBtu)	138,387		450 774						
			134,481	138,774		137,570	138,477			 ·······
	Coal(Tons)	6,243,936	6,062,607	6,273,798	6,088,015	6,223,850	6,268,934	6,233,220	6,268,858	······································
	Coal(Tons) Heat Rate			6,273,798 10,988	6,088,015 10,979	6,223,850 10,991	6,268,934 10.991	6,233,220 10.979	6,268,858 10.988	······································
***	Heat Rate	6,243,936	6,062,607	6,273,798 10,988 \$ 263,675	6,088,015 10,979 \$ 257,725	6,223,850 10,991 \$ 268,099	6,268,934 10,991 \$ 272,425	6,233,220 10.979 \$ 273,466	6,268,858 10.988 \$ 277,029	
M)-	Heat Rate Fuel cost(\$000)	6,243,936 10.974	6,062,607 11.007	6,273,798 10,988 \$ 263,675 \$ 1,900	6,088,015 10,979 \$ 257,725 \$ 1,917	6,223,850 10,991 \$ 268,099 \$ 1,949	6,268,934 10.991 \$ 272,425 \$ 1.967	6,233,220 10.979 \$ 273,466 \$ 1.983	6,268,858 10.988 \$ 277,029 \$ 2.004	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu	6,243,936 10.974 \$ 259,459	6,062,607 11.007 \$ 257,038	6,273,798 10,988 \$ 263,675 \$ 1,900 \$ 48,802	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938	6,268,934 10.991 \$ 272,425 \$ 1.967 \$ 53,384	6,233,220 10.979 \$ 273,466 \$ 1.983 \$ 53,919	6,268,858 10.988 \$ 277,029 \$ 2.004 \$ 56,104	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000)	6,243,936 10.974 \$ 259,459 \$ 1.875	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794	6,273,798 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864	6,088,015 10.979 \$ 257,725 \$ 1.917 \$ 48,659 \$ 3.974	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237	6,233,220 10.979 \$ 273,466 \$ 1.983 \$ 53,919 \$ 4.293	6,268,858 10.988 \$ 277,029 \$ 2.004 \$ 56,104 \$ 4.459	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358	6,273,798 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070	6,268,934 10.991 \$ 272,425 \$ 1.967 \$ 53,384 \$ 4,237	6,233,220 10.979 \$ 273,466 \$ 1.983 \$ 53,919 \$ 4.293	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794	6,273,798 10,988 \$ 263,675 \$ 1,900 \$ 48,802 \$ 3,864	6,088,015 10.979 \$ 257,725 \$ 1.917 \$ 48,659 \$ 3.974	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246	6,233,220 10.979 \$ 273,466 \$ 1.983 \$ 53,919 \$ 4.293 119 259	6,268,858 10.988 \$ 277,029 \$ 2.004 \$ 56,104 \$ 4.459 110 246	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794	6,273,798 10,988 \$ 263,675 \$ 1,900 \$ 48,802 \$ 3,864 111 238	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530	6,268,934 10.991 \$ 272,425 \$ 1.967 \$ 53,384 \$ 4,237 119 246 \$ 8,282	6,233,220 10.979 \$ 273,466 \$ 1.983 \$ 53,919 \$ 4.293 119 259 \$ 9,101	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794 123 278	6,273,798 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864 111 238 \$ 7,389	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530 20,516	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501	6,233,220 10.979 \$ 273,466 \$ 1.983 \$ 53,919 \$ 4.293 119 259 \$ 9,101 20.755	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts() Start Fuel used(GBtu) Start cost(\$000) SO2(ktons)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794 123 278 \$ 8,640	6,273,798 10,988 \$ 263,675 \$ 1,900 \$ 48,802 \$ 3,864 111 238 \$ 7,389 20,823 0,30	6,088,015 10.979 \$ 257,725 \$ 1.917 \$ 48,659 \$ 3.974 129 289 \$ 9,431 19,986	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 259 \$ 9,101 20,755 0,30	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354 0,29	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3,670 127 256 \$ 7,567 20,806 0,30	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794 123 278 \$ 8,640 19.359 0.29	6,273,798 10,988 \$ 263,675 \$ 1,900 \$ 48,802 \$ 3,864 111 238 \$ 7,389 20,823 0,30	6,088,015 10.979 \$ 257,725 \$ 1.917 \$ 48,659 \$ 3.974 129 289 \$ 9,431 19,986	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530 20,516 0,30 \$ 2,811	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 259 \$ 9,101 20,755 0,300 \$ 2,304	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 0.29 \$ 2,137	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3,670 127 256 \$ 7,567 20.806 0.30 \$ 15,792	6,062,607 11.007 \$ 257,038 \$ 1,911 \$ 46,358 \$ 3.794 123 278 \$ 8,640 19,359 0.29 \$ 11,964	6,273,798 10,988 \$ 263,675 \$ 1,900 \$ 48,802 \$ 3,864 111 238 \$ 7,389 20,823 0,300 \$ 7,434	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0,30 \$ 2,918	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530 20,516	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 259 \$ 9,101 20,755 0,300 \$ 2,304	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354 0,29 \$ 2,137 13,588	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806 0.30 \$ 15,792	6,062,607 11,007 \$ 257,038 \$ 1,911 \$ 46,358 \$ 3,794 123 278 \$ 8,640 19,359 0,29 \$ 11,964	6,273,798 10,988 \$ 263,675 \$ 1,900 \$ 48,802 \$ 3,864 111 238 \$ 7,389 20,823 0.30 \$ 7,434	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0.30 \$ 2,918	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530 20,516 0.30 \$ 2,811 13,466	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747 13,489	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 20,755 0,30 \$ 2,304	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354 0,29 \$ 2,137 13,588 0,20	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOX Emit Rate	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806 0.30 \$ 15,792 13,290 0.19	6,062,607 11.007 \$ 257,038 \$ 1,911 \$ 46,358 \$ 3.794 123 278 \$ 8,640 19.359 0.29 \$ 11,964 13.315	6,273,798 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864 111 238 \$ 7,389 20.823 0.30 \$ 7,434 13,361	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0,30 \$ 2,918 \$ 13,114	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 2,56 \$ 8,530 20,516 0,30 \$ 2,811 13,466	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747 13,488 0,19	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 259 \$ 9,101 20,755 0,30 \$ 2,304 13,237	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354 0,29 \$ 2,137 13,588 0,20	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806 0.30 \$ 15,792	6,062,607 11.007 \$ 257,038 \$ 1,911 \$ 46,358 \$ 3.794 123 278 \$ 8,640 19.359 0.29 \$ 11,964 13.315	6,273,798 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864 111 238 \$ 7,389 20.823 0.30 \$ 7,434 13,361	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0,30 \$ 2,918 \$ 13,114	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 2,56 \$ 8,530 20,516 0,30 \$ 2,811 13,466	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747 13,488 0,19	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 259 \$ 9,101 20,755 0.30 \$ 2,304 13,237 0.19 \$ 20,186	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354 0.29 \$ 2,137 13,588 0,20 \$ 20,749	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806 0.30 \$ 15,792 13.290 0.19 \$ 23,230	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794 123 278 \$ 8,640 19.359 0.29 \$ 11,964 13.315 0.20 \$ 21,636	6,273,798 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864 111 238 \$ 7,389 20.823 0.30 \$ 7,434 13.361 0.19 \$ 20,964	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0,30 \$ 2,918 13,114 0,20 \$ 19,803	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 20,516 0.30 \$ 2,811 13,466 0.20 \$ 20,481	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747 13,489 0,19 \$ 20,544	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4.293 119 259 \$ 9,101 20,755 0.30 \$ 2,304 13,237 0.15 \$ 20,186	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354 0.29 \$ 2,137 13,588 0,20 \$ 20,749	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806 0.30 \$ 15,792 13.290 0.19 \$ 23,230	6,062,607 11.007 \$ 257,038 \$ 1.911 \$ 46,358 \$ 3.794 123 278 \$ 8,640 19.359 0.29 \$ 11,964 13.315 0.20 \$ 21,636	6,273,798 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864 111 238 \$ 7,389 20.823 0.30 \$ 5,7434 13.361 0.19 \$ 20,964	6,088,015 10.979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0.30 \$ 2,918 13,114 0.20 \$ 19,803	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530 20,516 0,30 \$ 2,811 13,466 0,20 \$ 20,481	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747 13,489 0,19 \$ 20,544	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 20,755 0,30 \$ 2,304 13,237 0,19 \$ 20,186	6,268,858 10,988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20,354 0.29 \$ 2,137 13,588 0.20 \$ 20,749	
	Heat Rate Fuel cost(\$000) Fuel Cost \$\(\) \$000 Fuel Cost \$\(\) \$000 VOM per MWh Num starts() Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOX(ktons) NOX Emit Rate NOX cost(\$000) Total Operating Cost (\$000) Op Cost per MWh	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806 0.30 \$ 15,792 0.19 \$ 23,230 \$ 313,312 \$ 34,85	6,062,607 11.007 \$ 257,038 \$ 1,911 \$ 46,358 \$ 3.794 123 278 \$ 8,640 19.359 0.29 \$ 11,964 13.315 0.20 \$ 21,636	6,273,798 10.988 \$ 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864 111 238 \$ 7,389 20.823 0.30 \$ 7,434 13.361 0.19 \$ 20,964 \$ \$ 319,865 \$ \$ 25,33	6,088,015 10,979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0,30 \$ 2,918 \$ 2,918 13,114 0,20 \$ 19,803 \$ \$ 315,816 \$ \$ 25,79	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530 20,516 0,30 \$ 2,811 13,466 0,20 \$ 20,481 \$ 327,567 \$ 26,17	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 0,30 \$ 2,747 13,489 0,19 \$ 20,544 \$ 334,091 \$ 26,52	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 119 259 \$ 9,101 20,755 0,30 \$ 2,304 13,237 0,119 \$ 20,186	6,268,858 10.988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20.354 0.29 \$ 2,137 13,588 0.20 \$ 20,749 \$ 342,004 \$ \$ 342,004	
	Heat Rate Fuel cost(\$000) Fuel Cost per MMBTu VOM cost(\$000) VOM per MWh Num starts(.) Start Fuel used(GBtu) Start cost(\$000) SO2(ktons) SO2 Emit Rate SO2 cost(\$000) NOx(ktons) NOx Emit Rate NOx cost(\$000) Total Operating Cost (\$000)	6,243,936 10.974 \$ 259,459 \$ 1.875 \$ 46,286 \$ 3.670 127 256 \$ 7,567 20.806 0.30 \$ 15,792 0.19 \$ 23,230 \$ 313,312 \$ 34,85	6,062,607 11.007 \$ 257,038 \$ 1,911 \$ 46,358 \$ 3.794 \$ 8,640 19.359 0.29 \$ 11,964 13.315 0.20 \$ 21,636 \$ 312,035 \$ 25,556 \$ 33,600	6,273,798 10.988 \$ 10.988 \$ 263,675 \$ 1.900 \$ 48,802 \$ 3.864 111 238 \$ 7,389 20.823 0.30 \$ 7,434 13.361 0.19 \$ 20,964 \$ 319,865 \$ 25,33	6,088,015 10.979 \$ 257,725 \$ 1,917 \$ 48,659 \$ 3,974 129 289 \$ 9,431 19,986 0.30 \$ 2,918 13,114 0.20 \$ 19,803	6,223,850 10,991 \$ 268,099 \$ 1,949 \$ 50,938 \$ 4,070 124 256 \$ 8,530 20,516 0,30 \$ 2,811 13,466 0,20 \$ 20,481 \$ 327,567 \$ 26,17 \$ 23,292	6,268,934 10,991 \$ 272,425 \$ 1,967 \$ 53,384 \$ 4,237 119 246 \$ 8,282 20,501 13,489 0,19 \$ 20,544 \$ 334,091 \$ 26,54 \$ 334,091 \$ 26,54	6,233,220 10,979 \$ 273,466 \$ 1,983 \$ 53,919 \$ 4,293 \$ 9,101 20,755 0,30 \$ 2,304 \$ 13,237 \$ 0,18 \$ 20,186 \$ 20,186 \$ 26,76 \$ 26,76 \$ 22,490	6,268,858 10.988 \$ 277,029 \$ 2,004 \$ 56,104 \$ 4,459 110 246 \$ 8,871 20.354 0.29 \$ 2,137 13,588 0.20 \$ 20,749 \$ 342,004 \$ \$ 342,004 \$ \$ 27,18	

Data 2 Generation(GWh) Trans Recv Engy(GWh) Sum of Import egy(GWh) Total load(GWh) Trans Delv Engy(GWh)	007	2008 12,511 304 256 11,456	12,4	03 86 27	2010 12,726 305 193 11,611	201: 12,253 305 463 11,702	1	2012 12,373 303 381 11,846	1	2013 12,308 266 544 1,919	12	2014 ,537 267 374 ,007	12	2015 2,526 267 424 2,100	1	2016 12,611 267 419 12,214	2017 12,218 268 718 12,288	2018 12,630 266 471 12,381	2019 12,244 266 662 12,477	2020 12,516 265 530 12,594	2021 12,599 268 553 12,671 - 748		2022 12,559 269 624 12,767		2023 12,582 268 712 12,862 - 700
Sum of Export egy(GWh)		1,614	1,4	93	1,613	1,319		1,211		1,199	1	,171		1,117		1,082	915	986	695	/1/	748		565		700
•																									
Total Sources			٠																						42 F02
Gen		12,511	12,4	31	12,726	12,253		12,373	1	2,308	12	,537	13	2,526	1	12,611	12,218	12,630	12,244	12,516	12,599		12,559		12,582 268
SEPA		304	3	03	305	305		303		266		267		267		267	268	266	266	265	268		269 624		712
Market Purchases		256	2	86	193	463		381		544		374		424		419	718	471	662	530	553 13,420		13,452		13.562
Total Sources		13,070	13,0	20	13,224	13,021	-	13,057	1	13,118	13	,178	1	3,217	1	13,296	13,203	13,367	13,173	13,312	13,420		13,434		13,302
Total Uses Native Load Smelter Load City of Henderson Load		3,409 7,317 628	. 3,5 7,2 6		3,584 7,297 627	3,674 7,297 627		3,760 7,317 660		3,852 7,297 660		,939 ,297 660		4,032 7,297 660		4,122 7,317 660	4,217 7,297 660	4,308 7,297 660	4,404 7,297 660	4,498 7,317 660	4,596 7,297 660		4,691 7,297 660		4,786 7,297 660
Sales Load		-	-		-	*		-		· -		-				- 070	~	986	695	717	748		685		700
Mkt Sales		1,614	1,4		1,613	1,319		1,211		1,199		,171		1,117		1,082	915 114	986 117	116	119	118		120		119
Losses		102		02	103	104		109		110		112		111		13,296	13,203	13,367	13,173	13,312	13,420		13,452		13,562
Total Uses		13,070	13,0	20	13,224	13,021		13,057	1	13,118	15	,178	1.	3,217	,	13,290	15,205	13,507	13,173	13,312	23,120		20,102		10,004
		0.90%	0.9	0%	0.90%	0.90%	Ď.	0.93%		0.93%	0	,94%		0.92%		0.95%	0.94%	0.95%	0.94%	0.95%	0.94%		0.95%		0.93%
Hend Share adj for losses		95.85	95.	85	95.85	95.85	:	100.90		100.90		0.90		00.90		100.90	100.90	100.90	100.90	100.90	100.90		100.90 883.9		100.90 883.9
Hend share at 100% CF		842.0	83	7.7	839.7	839.7		886.3		883.9		83.9		883.9		886.3	883.9	883.9	883.9	886.3 665.6	883.9 665.6	•	665.6		665.6
Hend Est Energy Use		634.1	63.		632.4	632.4		665.6		665. 6		65.6		665.6		665.6	665.6	665.6	665.6 218.22	220.64	218.22		218.22		218.22
BREC use of HMPL Share		207.88	207.	31	207.31	207.31		220.64	2	218.22	21	8.22		18.22		220.64	218.22	218.22		331	327	\$	327	\$	327
Cost to BREC of Excess Hend use	\$	312	\$ 3	11 4	311	\$ 311	\$	331	\$	327	\$	327	\$	327	\$	331	\$ 327	\$ 327	\$ 327	\$ 351	\$ 32/	4	34/	Þ	341
SEPA Price	\$	22.440	\$ 22.4	40 \$	22.440	\$ 22.440	\$.	28.330	\$ 2	29.040	\$ 29	.750	\$ 2	9.750	\$.	29.750	\$ 29.750	\$ 30.500	\$ 31.240	\$ 31.240	\$ 31.240	\$	31.240	\$	32.000

95.8530925 95.8530925 95.8530925 95.8530925 95.8530925 95.8530925 100.897992 100.897992 100.897992 100.897992 100.897992 100.897992 100.897992 100.897992 100.897992 100.897992 100.897992

Catile Slamo	Data	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
EntityName		2007	3077.585		3330.758		3296.882	2949.499	3310.006	3196.31	3380.326	2903.89	3379.994	3201,447	3369.337	3216.052	3371.303	3191.18
D B Wilson 1	Generation(GWh)					34632.04	36190.57	31803.37	35706.52	34461.6		31330.93	36452.76	34521.98	36345.23	34679.57	36368.93	34410.13
	Fuel used(GBtu)		34195.9	32943.32						62030.86	66726.25	57648.82	67802.14	65246.52	69419.34	66931.47	70919.41	67787.92
	Fuel cost(\$000)		53345.61	41376.81	47681.61	44606.1		56291.96							10579.72	10387.84	11192,72	10881.92
	VOM cost(\$000)		5851.099	7328.278	8460.133	8146.122	8623.01	7668.696		8757.881	9532.519	8421,28	10072.37	9796,437				
	Num starts(.)		11.1663	10.1667	11	10.0275	10.0275	9.1758	10.0275	9.2033	10.0275	14.2308	8.3242	10.0275	10.0275	9.2033	10.0275	10.0275
	• • •		68.5837	66.0833	71.5	55.0687	51.8269	56.2363	53.5302	49.7115	51.8269	80.7418	45.8104	56,772	53.5302	49.7115	51.8269	58.4203
	Start Fuel used(GBtu)				2312.773	1782.957	1674.538	1828.876		1663.876	1767.164	2816.085	1633.079	2085.109	2027.214	1934,747	2067.92	2391.454
į.	Start cost(\$000)		2205.635	2127.394							10.6659	9.1652	10.663	10.0983	10.6316	10.1444	10.6385	10.0656
	SO2(ktons)		10.003	9.6367	10.846	10.1305	10.5864	9.3031	10.4448	10.0806					1456.528	1359.342	1180.874	1056.891
	SO2 cost(\$000)		7782.416	8220.079	9555.306	8286.766	8384.386	6949.438		9143.101	8095,395	5664.109	3806.677	1474.356				
	NOx(ktons)		0.3823	0.983	1.1196	0.9939	1.0449	0.9145	1.0295	0.9915	1.0523	0.8976	1.0539	0.9937	1.0515	0.9963	1.0547	0.9903
	· · · · · · · · · · · · · · · · · · ·			2798.709	2697.201	2141.77	2074.174	1737,591	1965.304	1853.124	1839.432	1458,663	1653.59	1500.45	1599.399	1517.407	1608.489	1512.14
	NOx cost(\$000)				1203.449	1037.676	1213.8			1122.392	1197.167	1119,122	1226,372	1051.208	1116.04	1159.945	1224.021	1122.087
HMP&L Station 1	Generation(GWh)		1209.523	1122.597							12965.29	12120.5	13280.49	11384.79	12083.09	12560.74	13258.78	12150.45
	Fuel used(GBtu)			12153.57	13028.75	11236.84	13145.46			12154.37					22957.87	23991	25722.01	23814.88
	Fuel cost(\$000)		20627.47	19202.68	22604.94	19529.63	22899.38	21763.65	23248.39	21756.3	23467.18	22180.5	24568.88	21403.39				
	VOM cost(\$000)		2920.527	3233.083	3694,59	3569,608	4527.48	4385,719	4777.847	5028,319	5506.964	5293,452	5960.167	5245.531	5725.292		6634.193	6250.029
			15.375	15.125	16.125	21.3462	12.5275	13.8049	15.0412	15.0412	15.0412	13.7637	12.4863	21.3462	13.7637	12.5275	15.0412	12.6099
	Num starts(.)			27.9663	29.5338	38.2352	23.5516	25,9533	28.2775	28.2775	28.2775	25.8758	23.4742	38.2352	25.8758	23.5516	28.2775	23.7066
	Start Fuel used(GBtu)		28.5144							943.4504	962,855	902.6901	836,944	1401.849	979.699	915.4056	1126.589	969.0431
	Start cost(\$000)		916.4442	899.8102	954.1483	1235.03	762.6033	842.4177	928.1595							2.0727	2.1879	2.005
	SO2(ktons)		2.1544	2.0055	2.1499	1.8543	2.1692	2.0405	2.1674	2.0057	2.1395	2.0001	2.1914	1.8787	1.9939			
	SO2 cost(\$000)		1676.063	1710,713	1894.099	1516.842	1717.971	1524.262	1705.75	1819,129	1623.849	1236.033	782,3414	274.2961		277,7387	242.855	210,5229
	NOx(ktons)		0.2001	0.5045	0.5463	0.4705	0.5501	0,518	0.5494	0.5074	0,543	0.5048	0.5553	0.4752	0.5053	0.5239	0.555	0.5062
	• •			1436,404	1316,064	1013,835	1091,953	-		948.3943	949.0864	820.2825	871.3289	717.5727	768.6195	797.8578	846.3144	772.8951
	NOx cost(\$000)		152.6168							1260.822	1173,336	1245.503	1149.382		1047.227	1253,564	1190.196	1224.094
HMP&L Station 2	Generation(GWh)		1132.511	1265.527	1174,816	1255,556	1057.552							13250.53		13590.08		13272.32
	Fuel used(GBtu)		12239.33	13716.93	12733.47	13611.71	11465.82			13672.08	12718.48	13503.59	12460.35					26013.73
	Fuel cost(\$000)		19338.15	21672.77	22092.6	23657.17	19973.45	23897.66	22650.23	24473.02	23020.45	24711.56	23051.67	24910.99	21568.66	25957.04		
	VOM cost(\$000)		2753,608	3644.712	3606.683	4319,111	3944.668	4809,456	4651,083	5648.481	5397.348	5891,228	5585,997	6099.981	5372.273	6606,284	6450.858	6818.201
				17	18.2917	17.0467	22.7445	17.0467	17.0467	12.7033	17.0467	17.0467	17.0467	17.0467	24,1923	17,0467	17.0467	17.0467
	Num starts(.)		18.75							24.2857	34.4343	33.2985	34,4343	34,4343	47,7401	33.5302	34.2027	33,0743
	Start Fuel used(GBtu)		36.1416	34.17	36.7792	33.5152	44.1206	33.5152	34.4343				1229.669	1262.084	1805.988	1301,442	1362.348	1351.782
	Start cost(\$000)		1161.037	1099.815	1188.807	1082.263	1425,136	1087.604	1129.914	809.8358	1172.145	1159.835						2.1901
	SO2(ktons)		2.0199	2.2635	2.1013	2.2462	1.8921	2,2406	2.1117	2.2561	2.0988	2,2283	2,0562	2,1866	1.8734	2,2426	2.1293	
			1571.348	1930,784	1851.215	1837,352	1498,581	1673,748	1661.899	2045.241	1592,969	1377,097	734.058	319,2379	256.6534	300.5061	236.3517	229.9659
	SO2 cost(\$000)				0.5294	0.5685	0.4761	0.5671	0.5334	0.5687	0.5305	0.5638	0.5192	0.5546	0.4735	0.5673	0.5368	0.5538
	NOx(ktons)		0.1953	0.5743									814.5884		720.209	863,9806	818.6955	845.707
	NOx cost(\$000)		149.0131	1635.018		1225.175	945.0973			1062.809	927.2642							1110.937
K C Coleman 1	Generation(GWh)		1024.655	1180.241	1178,592	1125.382	1185.487	1171.171	1135.096	1200.377	1193.859	1018.543			1131.761	1194.302		
	Fuel used(GBtu)		10988.14	12730.43	12712.64	12144.58	12807.64	12640.97	12250.15	12954.23	12885.18	10990.99	12663.67	12866.96	12214.68	12890.5	12876.18	11986.74
	Fuel cost(\$000)		18888.59	22876.59		22309.54	23604,45	23512.16	23030.26	24613.04	24739.53	21322.5	24947.43	25605.24	24551.48	26167.67	26524.92	24932.38
						2048,194		2424.322		2616.822	-	2342.649	2781.016	2896.957	2829,402	3069.355	3149.751	3010.637
	VOM cost(\$000)		1670.187	1782.164						15.0412	15.0412	17.5962	15.0412	15.0412	15.0412	15.0412	15.0412	15,0412
	Num starts(.)		13.875	16.75	17.125	15.0412	15,0412							23.6355	24.2798	23,4085	23.8552	24.9534
	Start Fuel used(G8tu)		22.2416	26.6223	26. 6 337	24,5068	23.8332	24.2871	24.2798	23.6209	23.1743	27.6033	23.8478				535,2062	574.5986
	Start cost(\$000)		390.4529	481.0093	484,3991	446.1544	433,9009	445:0442	450.1844	444.9269	445,2415	542,8624	480.2391	488.2223	517.9145			
	SO2(ktons)		0.6262	0.7256	0.7246	0.6922	0.73	0.7205	0.6983	0.7384	0.7345	0.6265	0.7218	0.7334	0.6962	0.7348	0.7339	0.6832
			487.28	618.9658				538,2395	549,5286	669.7203	557,4503	387.1684	257.6928	107.0787	95.3843	98.4576	81.4675	71.7406
	SO2 cost(\$000)				2,0492	1.9447	2,0541	2.0275	1,9628	2.0772	2.0635	1.766	2.0297	2.0621	1.9556	2.064	2.0628	1.9256
	NOx(ktons)		0.6824	Z.0524							3606.981				2974.5	3143.453	3145.746	2948.377
	NOx cost(\$000)		520.7481			4190,901	4077.397			3882.351					1048.039		984.0439	1076.75
K C Coleman 2	Generation(GWh)		1088.271	1091.623	1010.157	1032.367	1001.817	977.2924		1054,569	855,4401	1078.238						12990.52
	Fuel used(G8tu)		13044.37	13137.67	12160.88	12428.59	12086.8	11787.42	11730.92	12711.67	10314.74	12995.84	12949.3				11873.79	
	Fuel cost(\$000)		22423.33	23608.43		22831.32	22275.97	21924.61	22054.11	24152,17	19804.32	25211.94	25510.14	23324.71	25425.13		24460	27020.26
			1773.883	1648,353	-		2013.653			2298.96		2479.95	2543.849	2358.739	2620.098	2726.218	2597.877	2917.996
	VOM cost(\$000)						15.0412			15,0412	21,3462	12,5275	15.0412	15.0412	13.7637	15.0412	15.0412	11,2912
	Num starts(.)		16,125	16.125	14.5	15,0412								24,9534	21.7065	24.4994	24,5068	17.6266
	Start Fuel used(GBtu)		25.9189	25,3078		24.4994	24,2944	24.7264	22.6754	24.3018	32.0308	19.8899	24.2798				548,1693	402,8634
	Start cost(\$000)		453,5486	456.6722	412.2685	444,5105	440,4997	451,4815	419.7533	455,8775	612.353	388.9508	487.8505	514.1		534.1679		
	SO2(ktons)		0.7434	0.7488	0.6932	0.7084	0.6889	0,6719	0.6687	0.7246	0.5879	0.7408	0.7381	0.6681	0.721	0.7295	0.6768	0.7405
						579,496			526,2372	657,1806	446.2466	457,7917	263,5052	97.5418	98.7786	97,748	75.1255	77.7482
	SO2 cost(\$000)		578.4662			1,9994	1.9411	1.8914	1.8864	2.0412	1.6659	2.0819	2.0741	1.8781	2.027	2.0568	1.904	2.0744
	NOx(ktons)		0.8577	2,1178	1.957						2912.015		3254.188			3132.49		3167.582
	NOx cost(\$000)		654,432		4714.458	4308.66												1212.835
K C Coleman 3	Generation(GWh)		1232.874	1132.919	1206.928	1214,109	1001.269			1097.202		1205.079		1165.547				
	Fuel used(GBtu)		13285.7	12261.2	13062.03	13146.14	10840.28	13210.39	13022.86	11878.75	13024.98	13046.71	12163.64	12617.85			13209.97	13131
	Fuel cost(\$000)		22838.14						24482.98		25007.93	25310.61	23962.37	25109.52	26133.2		27212.51	27312.45
			2009,584	1710.705						2391.901		2771.68			3002.613	2676.066	3221.162	3286.782
	VOM cost(\$000)						22,7445				15.6456		17.0467	17.0467	17.0467	21,3434	15.6456	17.0467
	Num starts(.)		18.2919	18.875	18.875	15.6456						22.1972		24.2575	24,2575			24.2575
	Start Fuel used(GBtu)		26.029	26.698	26.6174	22.2637	30.8344	20.2035	22.2637	22,1972	44.203/	46.1312	27,4373	- 1.6	- 42010			

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							368.7041	414 7701	417.4538	427.3407	435.6846	487.1483	499.7676	515.379	610.4993	498.4929	556.4919	
	Start cost(\$000)		480.7513		404.4516	0.6179	0.753	0.7423	0.6771	0.7424	0.7437	0.6933	0.7192	0.7411	0.6427	0.753	0.7485	
	SO2(ktons)	0.7574	0.6989	0.7445	0.7493 612.9514	489.3737	562.485	584.1922	614.1185	563.4996	459.5834		105.0057	101.5293	86.1269	83.5795	78.5889	
	SO2 cost(\$000)	589.168	596.1522		2,0061	1.6665	2.0166	1.9963	1.8131	1.9939	1.9946	1.8609	1.9353	1.9921	1.7283	2.0191	2.0083	
	NOx(ktons)	0.8695	1.9822	2.106		3308.081		3810.866	3388.775		3241.148	2919.728	2922.262	3030.032	2632.139	3079.064	3066.611	
	NOx cost(\$000)	663.498	5643.398	5073.272 3.7655	6.0286	8.1558	7.4394	8.7524	8.2519	8.7583	11.2935	8.7212	8.2364	8.621	8.6759	9.0889	9.1827	
RA Reid GT	Generation(GWh)	1.9787	3.3195	45.4078	71,4452	95.9479	88.3793	104.7226		103.8956	133.5336	104.2269		102.4435		106.5338	107.8874	
	Fuel used(GBtu)	24.3121	40.2361 329.1211				644.1786	757.8641	697.3821	757.1188	993.3764	788.1224	748.393	824.2601			931.7721	
	Fuel cost(\$000)	195.9131 0	329.1211	303.2032	0	ດ	0	0	0	0	0	0	0	0	0	0	0	
	VOM cost(\$000)	75.6669	0	ຄ	ก	ō	0	0	0	0	0	0	0	0	0	0	0 ·	
	Num starts(.)	73.0005	ñ	Ď	0	0	0	0	8	0	0	9	0	0	0	0	ນ 0	
	Start Fuel used(GBtu)	n	n	ō	0	Ö	0	0	0	C	0	0	0	0	0	0	0	
	Start cost(\$000)	0	ŏ	ŏ	0	0	0	0	0	0	0	0	0	0	0	0	_	
	SO2(ktons) SO2 cost(\$000)	0.0057	0.0103	0.012	0.0175	0.0228	0.0198	0.0247	0.0263	0.0237	0.0248	0.0112	0.0042	0.0042	0.0041	0.0035 0.007	0.0034 0.0071	
	NOx(ktons)	0.0018	0.003	0.0034	0.0047	0.0063	0.0058	0,0068	0.0064	0.0068	0.0087	0.0068	0.0063	0.0067		10.67	10.8252	
	NOx cost(\$000)	1.3913	8.5914	8.204	10.1175	12.4807	10.9724	13.0401	11.8742	11.8587	14.2019	10.6801	9.5731	10.1761 0	10.1408	10.07	10.0232	
RA Reid Coal	Generation(GWh)	93.0661	0	0	0	9	0	0	. 0	0	0	0 n	0	0	ő	Ó	0	
KA KEU COOL	Fuel used(GBtu)	1254.927	. 0	0	0	0	C	0	0	0	0	ย	0	0	0	ก	0	
	Fuel cost(\$000)	2447.107	0	0	0	G	0	0	0	0	0	ម ព	0	้ำก	ñ	0	ő	
	VOM cost(\$000)	14.8905	0	0	0	0	0	0	0	0	บ ก	0	ถ	0	n	o o	ō	
	Num starts(.)	16.3334	0	0	0	0	0	0	0	0	0	0	0	o o	0	õ	0	
	Start Fuel used(GBtu)	15.163	0	0	0	0	0	0	0	0	0	0	0	0	ō	ō	0	
	Start cost(\$000)	491.853	0	0	0	0	0	0 0	. 0 0	ນ ຄ	0	6	a	ō	Ō	. 0	0	
	SO2(ktons)	2.8253	0	0	0	0	0	υ O	. U	ν 0	n	0	ő	0	0	0	0	
	SO2 cost(\$000)	2198.154	0	0	0	0	0	0	0	0-		ō	Ō	0	0	0	0	
	NOx(ktons)	0	0	0	0 0	0 n	0	n	0	ő	ō	0	0	0	0	0	0	
	NOx cost(\$000)	0	0		•	0	18.1571	22.9505	11.7429	42.294	61.707	11.3765	0	18.7378	17.8422	0	. 0	
R A Reid Gas	Generation(GWh)	0.96	22.4022		68.2267 924.8281	0	246,2249	310.9344	159.1977	573,3769	836.0139	154.2973	0	253.8613	241,9249	0	0	
	Fuel used(GBtu)	13.0257	303.6964	46.0716 364.8875	7515.969	0	2083.06	2255.084	1213,086	4340.134	6936.405	1350.101	0	2041.044	2220.87	0	0	
	Fuel cost(\$000)	102.5119 0	2542.298 0	304.0073	7313.509	0	2000.00	0	0	0	0	0	0	0	. 0	0	0	
	VOM cost(\$000)	0	5.5	. •	14.3187	0	6.9835	7.2527	0	7.5	4.8626		0	2.5549	2,5549	0	0	
	Num starts(.)	0	5.148	0.78	13,4023	ď	6.5366	6.7886	0	7.02	4.5514	2.3914	0	2.3914	2.3914	0	0	
	Start Fuel used(GBtu)	0	165.0562	24.8311	431,4559	0	216.7056	222.7117	0	238.5499	161.6931	87.0039	0	89.4655	93.8527	0	0	
	Start cost(\$000) SOZ(ktons)	ő	0.0007	0.0001	0.0019	0	0.0009	0.0009	0	0.001	0.0008		0	0.0004	0.0004	0	0	
	SO2 cost(\$000)	0.003	0.6003	0.094	1.5316	0	0.6362	0.7092	0.0433	0.7646		0.1181	0	0.0494	0.0479 0.0182	0	0	
	NOx(ktons)	0	0.023	0.0035	0.07	0	0.0189	0.024	0.0117	0.0434			0	0.0191 29.0941	27.7731	n	n	
	NOx cost(\$000)	0	65.5564	8.4445	150.9046	0	35.8234	45.8612		75.8421			1906,261	1800.579		1551.82	1909.068	
R O Green Stat 1	Generation(GWh)	1847.886	1946.557	1779.186	1911.474	1807.278	1847.768	1636.381	1946,347	1746.269			20978.09	19810.68				
1,000.00	Fuel used(GBtu)	20678	21781.98		21023.73	19877.62	20326.09	17997.37	21418.27				39438.77					
	Fuel cost(\$000)	23655.66			36791.55	34785.85							10789.44					
	VOM cost(\$000)	5469,739			7206.259	7445.984		7118.263 18.3929		14.1429			13.0357	15.2143		19.5	11.9643	
	Num starts(.)	6.5004	6.5		13.0357	14.1071	13.0357						22.8682			47.761	22.5018	
	Start Fuel used(GBtu)	17.1468			25.7882	32.2946 1043.775							838.5482		954.8274	1906.221		
	Start cost(\$000)	551.2735			833,2048 2.0499	1.9382							2.0455	1.9317	2,0547	1.6653	2.0479	
	SO2(ktons)	2.0161	2.1238		1676.829	1535.05	1480.479					668.2432	298.636	264.6393				
	SO2 cost(\$000)	1568,582			2.8926	2.728	2.7949	2,4567	2.9428		2.8927	2.6149	2.8938	2.7258	2.9008	2.3266		
	NOx(ktons)	0.8776			6233.622						4700.697	4102.8	4369.567					
	NOx cost(\$000)	669.6998 1801.212			1493.46							1738.631	1526.436					
R D Green Stat	2 Generation(GWh)	20376.14			16523.24				18102.4	20133.82	18505.62							
	Fuel used(GBtu)	23310.31			29090.65				32584.33	36643,56							37839.91	
	Fuel cost(\$000)	5331.579			5630.35			8067,282										
	VOM cost(\$000) Num starts(.)	7.417			19.5357	13.0357	15.2143						20.5714					
	Start Fuel used(GBtu)	25.38			57.6032	25.9082												
	Start cost(\$000)	815.7164		868.8075	1864.386	838.8617								-		1.9699		
	SO2(ktons)	1.9869	1.8739	1.9903	1.621		1.8681											
	SO2 cost(\$000)	1545.713		1753.433												2.7706		
	NOx(ktons)	0.9793	2,6287									2.6346 4133.724						
	NOx cost(\$000)	747.1554	7483.93	6830.098	4852.946	5416.257	4959.035	5401.713	4589.912	4808-094	7431.2/2	, TAJJ./47	3-30.020					

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		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	. 202
BREC_TA	Off Peak On Peak								2	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$ -	\$ -
BREC_TA Total KY	Off Peak		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3						* -	\$ -	\$ -
KY Total W-ECAR	On Peak Model Off Peak Model On Peak		\$ 32.51	\$ - \$ 37.49	\$ - \$ 34.85	\$ - \$ 34.95 \$ 61.98		1 '	1	\$ - \$ 34.46 \$ 61.84	\$ - \$ 33.96 \$ 61.71	\$ 33.46 \$ 62.84	£ 57.74	\$ 32.44 \$ 65.00	\$ 33.72 \$ 68.04 \$ 50.02	\$ 70.28	\$ 70.8

										-									
Charles	Data	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
Study		2007	256	286	193	463	381	544	374	424	419	718	471	662	530	553	624	712	
	Delivered Energy(GWh)		10,707	14,297	9,630	22,123	17,273	22,298	16,432	19,442	19,053	32,953	20,443	30,116	25,734	30,615	32,739	39,767	
1	Delivering Cost(\$000)			286	193	463	381	544	374	424	419	718	471	662	530	553	624	712	
	Received Energy(GWh)		256			23,676	18,569	23,857	17.567	20.727	20,330	35,360	21,813	32,248	27,610	32,822	34,943	42,448	
	Receiving Cost(\$000)		11,480	15,303	10,411	23,076	10,303	23,037	27,307	20,727	20,550	22,000	11,015	22,4	4 ,	,		•	
1	l																		
						***	201	544	374	424	419	718	471	662	530	553	624	712	
	Market Purchases	-	256	286	193	463	381	244	2/4	427	713	710	-17.4	001	330	200			
									+ +0.00	40.03	e 40 FT	\$ 49,27	\$ 46.27	s 48.71	\$ 52.10	\$ 59.38	\$ 55.96	\$ 59.64	
	BREC Price	#DIV/0!	\$ 44.87	\$ 53.53	\$ 53.88	\$ 51.18	\$ 48.73	\$ 43.89	\$ 46.92	\$ 48.93	\$ 48.57	\$ 49.27	\$ 46.27	\$ 10.71	\$ 32,10	# 33.30	Ų 00.00	4 22.0	
											. 20 220	* 25 250	A 31 013	A 22 740	\$ 27,610	\$ 32,822	\$ 34,943	\$ 42,448	
	Adj Costs	#DIV/0!	\$ 11,480					\$ 23,857						\$ 32,248					
	Adjusted Price	#DIV/0!	\$ 44.87	\$ 53.53	\$ 53.88	\$ 51.18	\$ 48.73	\$ 43.89	\$ 46.92	\$ 48.93	\$ 48.57	\$ 49,27	\$ 46.27	\$ 48.71	\$ 52.10	\$ 59.38	\$ 55.96	\$ 25,04	
																1_		ė .	
	•		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ ~	\$ -	\$ -	ş -	ş ·	> -	
			s -																
			274,4456	176,4793	395.5699	172,4932	461.269	220.2198	596,6446	296.7321	473,4411	335.2914	726.2656	316,6638	637.3992				
			13232.558	9459,4161	19534,148	7439,1505	18643,964	7866.1963	22202.63767	11993.715	19893.027	13801.278	28526.861	12340.631	26189.0718	14572.4707			
			5 48.22				\$ 40.42	\$ 35.72							\$ 41.09	\$ 47.36	\$ 46.62	\$ 44.52	
			J 10124	4 55.00	4 15.00	T	4			•	•								

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ATTACHMENT PSC 22.a and b.

Financial Model Input Sources

nd Financial Model - Source Document Overview: Models and Analyses

	Description	<u>Filename (s)</u>
1.	Production Cost Model	- export_2008 monthly output - 12-15-07_rev.xls
		- export_annual output - 12-15-07_rev.xls
	•	- export_annual output - 2-5-08 - No Century after 2010.xls
		- export_annual output - 2-5-08 - No Smelters after 2010.xls
2	Other Energy-Related	- Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls
3	FAC Base	- Updated Model Results - 12-3-20041BCY_ADJ_6mo-12-08.xls
4	Labor Costs	- Unwind Staffing_Rev0707_Reflects 2008 Dollars_Rev 1.xlsExisting Transacion -Budget-Arb-2008-Rev9-11-07.xls
5	Fixed O&M and Capital Expenditures	- export_Fin Model inputs BREC Nov-07 w outage shift_reviseWilson2010.xls
6	Transmission Capital Expenditures	- Transmission Projected 2008-2023 Const Budget.doc
7	Intellectual Property	- Unwind spreadsheet - 8-29-07_Rev1.xls
		- IT Services Agreement_revise.xls
-8	Existing Operations and Financing	- Historic results
		- 2007 Budget-REVISED-MARCH 2007.xls
		- Long Term Debt Schedule Actual 2006 - Budget 2007.xls

Unwind Financial Model - Source Document Overview: Contracts, Schedules, and Documents

Transaction Inputs

- Coleman Scrubber.xls

<u>Description</u>	<u>Files</u>
1 Rate Structure	- Current Member Tariff
Train Stranger	- Smelter Retail (and Wholesale) Agreements
2 Transaction Inputs	- Termination Agreement
	- Smelter Coordination Agreements

Pre-Transaction Allocation Transaction Index Electricity Sales, Purchases, and Production 1 Sales Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls and file: annual output - 12-15-07.xls 2 Rural 3 TWH Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls 1 F MW 6 Large Industrial Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls + 5MW/year Growth TWH Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls LF MW 10 Alcan Smelter Agreement, Section 1.1.17 TWH 11 Smelter Agreement, Section 1.1.17 LF 12 Smelter Agreement, Section 1.1.15 MW 13 14 Century Smelter Agreement, Section 1.1.16 TWH 15 Smelter Agreement, Section 1.1.16 1 F 16 Smelter Agreement, Section 1.1.14 MW 17 18 file: annual output - 12-15-07.xls 19 Offsystem (TWh) 21 Purchases & Production 22 Purchases (TWh) file: annual output - 12-15-07.xls 23 Market Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls SEPA 24 file: annual output - 12-15-07.xls 25 Production (TWh) file: annual output - 12-15-07.xls 26 Loss Rate (%) 27 file: annual output - 12-15-07.xls 28 Fuel Consumption (MMBtu) file: annual output - 12-15-07.xls 30 Startup Costs (M\$) 31 32 Emissions 33 SO2 file: annual output - 12-15-07.xls Emitted (Tons) file: annual output - 12-15-07.xls Allocation (Tons) 35 36 NOX file: annual output - 12-15-07.xls Emitted (Tons) 37 file: annual output - 12-15-07.xls Allocation (Tons) NOX Season (Mo./Yr.) 39 40 41 Rates file: annual output - 12-15-07.xls 42 Fuel (\$/ MMBtu) 43 Power Purchases (\$/ MWh) Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls SEPA 44 file: annual output - 12-15-07.xls Market file: annual output - 12-15-07.xls 46 Variable Production (\$/ MWh sales) file: annual output - 12-15-07.xls 47 SO2 Allowances (\$/ Ton) file: annual output - 12-15-07.xls 48 NOX Allowances (\$/ Ton) file: annual output - 12-15-07.xls 50 Coal used (ktons)

Source:

Unwind Allocation

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Source:
  Unwind Allocation
   Pre-Transaction Allocation
  Transaction Index
   Electricity Sales, Purchases, and Production
52 Sales Rates & Related
                                                                   Stipulated Inputs (subject to Commission Approval at time)
53
54 General Rate Adjustments (%)
                                                                  Smelter Retail Agreements, Section 4.7.5(a)
55 Shadow 2010 Rate (0=start 2011)
                                                                   file: annual output - 12-15-07.xls
56 Market ($/ MWh)
57
58 Rural
                                                                   Current Member Tariff
59 Demand ($/ KW-mo.)
                                                                   Current Member Tariff
60 Energy ($/ MWh)
62 Large Industrial
                                                                   Current Member Tariff
63 Demand ($/ KW-mo.)
                                                                   Current Member Tariff
64 Energy ($/ MWh)
                                                                   Smelter Retail Agreements, Section 1.1.20 (Alcan) and 1.1.19 (Century)
66 Smelters
                                                                   Smelter Retail Agreements, Section 4.7 (see formula in Smelter Rate Structure, lines 99 - 127)
67 Margin ($/ MWh)
68 TIER Adjustment Charge ($/ MWh)
                                                                   Smelter Retail Agreements, Section 4.11 (a)
 69 Surcharge 1 (M$)
                                                                   Smelter Retail Agreements, Sections 4.11 (b) and (c)
 70 Surcharge 2 ($/MWh)
                                                                   line 11 + line 15
 71 Base Fixed Energy
                                                                   line 70 * line 71
 72 Surcharge 2 (M$)
                                                                   Amortization of Gain on Year 2000 Sale-Leaseback ransaction
74 Member Revenue Discount Adjustment (M$)
                                                                   Allocated by Base Revenue + FAC post transaction
 75 MRDA Ratio (Rural to Industrial)
                                                                   Big Rivers Assumption
 76 Power Factor Penalty/ Demand Cr. (Lrg. Ind.)
                                                                   Big Rivers Assumption (based on Rebate available to non-Smelters based on Smelter Retail Agreements, below)
                                                                   Big Rivers Assumption (based on Rebate available to non-Smelters based on Smelter Retail Agreements, below)
 78 TIER Rebate Related to Rurals ($M)
 79 TIER Rebate Related to Large Industrials ($M)
                                                                   Smelter Retail Agreements, Section 4.9 (energy basis allocation)
 80 TIER Rebate Related to Smelters ($M)
 81 FAC Base, 12/2004 ($/ MWh Sold)
                                                                   Updated Model Results - 12-3-20041BCY_ADJ_6mo-12-08.xls
 82 W/o Purchased Power (Total Sales Denom.)
                                                                   Updated Model Results - 12-3-20041BCY_ADJ_6mo-12-08.xls
 83 W/ Purchased Power (Total Sales Denom.)
 84 Allocation of Revenues on '
       Total
 85
                                                                    annual output - 12-15-07.xls
       NOx + 503
 86
                                                                    annual output - 12-15-07.xls
 87
         VOM
                                                                    annual output - 12-15-07.xls
          Allowances
 88
                                                                    annual output - 12-15-07.xls
       SO2
 89
                                                                    annual output - 12-15-07.xls
          VOM
  90
                                                                    annual output - 12-15-07.xls
          Net Allowances
  91
                                                                    annual output - 12-15-07.xls
       Total
       Allowed In ES
                                                                     annual output - 12-15-07.xls
       NOx + SO3
                                                                    annual output - 12-15-07.xls
          VOM
  95
                                                                     annual output - 12-15-07.xls
          Allowances
  96
                                                                    annual output - 12-15-07.xls
        SO2:
  97
                                                                     annual output - 12-15-07.xls
          VOM in Excess of 2009
  98
                                                                     annual output - 12-15-07.xls
          Net Allowance Costs in Excess of 2009
                                                                     annual output - 12-15-07.xis
       Total
```

Smelter Retail Agreements, Section 4.7.1

102 Smelter Rate Structure

103 Bandwidth

Unwind Allocation Pre-Transaction Allocation **Transaction Index** Electricity Sales, Purchases, and Production 104 105 106 Financing 107 108 Principal Schedules 109 Fixed (Tranche 1) 110 Fixed (Tranche 2) 111 RUS 112 Variable 113 PCB (Swapped to Fixed) 114 ARVP 115 116 Rates 117 Fixed (Tranche 1) 118 Fixed (Tranche 2) 119 RUS - Stated 120 Variable 121 PCB 122 ARVP (Accretion/ Refi) 123 RUS -- GAAP 124 125 Beginning Balances (M\$) 126 Fixed/ Insured 127 Fixed/ Non-Insured 128 Variable 129 PCB 130 ARVP 131 RUS -- GAAP 132 Remarketing on Variable 133 134 Fees Underwriting & Other 135 Bond Insurance 136 137 138 Capitalized Interest 139 Deferred Debit - PCB Refunding A/C 181 140 Beginning Balance 141 Amortization 142 Ending Balance 143 AMBAC Amortization (PCB) A/C 165 144 Amortization 145 Balance 146 Settlement Note/Marketing Payment

149 Green River Coal Settlement Ending Balance

152 Prepayment on Transaction Date

147 Amortization 148 Ending Balance

151 Line of Credit

150 Other

Source:

Modeled for 30-Year Debt Levelization/ Cost Minimization Modeled for 30-Year Debt Levelization/ Cost Minimization Modeled for 30-Year Debt Levelization/ Cost Minimization Modeled for 30-Year Debt Levelization/ Cost Minimization Modeled for 30-Year Debt Levelization/ Cost Minimization Modeled for 30-Year Debt Levelization/ Cost Minimization

Indicative Big Rivers borrowing rates, 4/23/2007, Goldman Sachs Indicative Big Rivers borrowing rates, 4/23/2007, Goldman Sachs Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls

Modeled for 30-Year Debt Levelization Modeled for 30-Year Debt Levelization

Long Term Debt Schedule Actual 2006 - Budget 2007.xls + Modeling for 30-Year Debt Levelization Long Term Debt Schedule Actual 2006 - Budget 2007.xls + Modeling for 30-Year Debt Levelization Long Term Debt Schedule Actual 2006 - Budget 2007.xls NA

Goldman Sachs verbal guidance. Goldman Sachs verbal guidance.

Big Rivers' estimate

Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007 xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls

Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007 xls

Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls

Big Rivers' estimate Modeled to achieve target cash balances

Unwind Allocation Pre-Transaction Allocation Transaction Index Electricity Sales, Purchases, and Production

153 Pre-Transaction Debt Service

154 Principal

155 Interest (Cash Flow)

156 Interest (Income Statement)

157 Amortization of RUS/PCB Account

158 NFW RUS NOTE (Stated)

159

160 Beginning Principal

161 Base Payment

162 Interest Expense

163 Interest Payment

164 Accrued Interest

165 Principal Payment

166 Ending Principal

167 Orig Scheduled Principal Payment

168 Original Maximum Allowed Principal Balance

169

170 New RUS Promissory Note (GAAP)

171 Beginning Principal - RUS New Note

172 Interest Expense

173 Interest Payment

174 Accrued Interest

175 Principal Payment

176 Principal Balance

177 Imputed Interest

178

Source:

Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls Straightline amortization of RUS and PCB restructuring costs

Long Term Debt Schedule Actual 2006 - Budget 2007.xls
Long Term Debt Schedule Actual 2006 - Budget 2007.xls
Long Term Debt Schedule Actual 2006 - Budget 2007.xls
Long Term Debt Schedule Actual 2006 - Budget 2007.xls
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Pre-Transaction Allocation Transaction Index Electricity States, Purchases, and Production 179 Receipts (M\$) 180 181 WKEC Lease 182 Transmission (Cash Flow) 183 Smelter - Tier 3 Transmission (Cash Flow) 185 Proceeds of Unwind Transaction (Lo&E Payment) 185 Proceeds of Unwind Transaction (Lo&E Payment) 186 Cobank Patronage Capital & Other 187 Interest Earnings 189 Net Conforming Receipts 189 Cobank Patronage Capital - Balance Sheet 1910 Lease Related & Other 1910 Lease Related & Other 1910 Lease Related & Other 1910 Lease Related & Other 1910 Lease Related & Other 1910 Cobank Patronage Capital - Balance Sheet 1910 Lease Related & Other			
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179 Receipts (M\$) 180 181 WKC Lease 181 WKC Lease 182 Transmission (Cash Flow) 183 Snelter - Tier 3 Transmission (Cash Flow) 183 Snelter - Tier 3 Transmission (Income Statement) 185 Proceeds of Unwind Transaction (Lo&E Payment) 186 Cobank Patronage Capital & Other 187 Interest Earnings 188 Net Conforming Receipts 180 Cobank Patronage Capital & Other 187 Interest Earnings 180 Cobank Patronage Capital & Balance Sheet 181 Cobank Patronage Capital & Other 187 Interest Earnings 180 Cobank Patronage Capital & Balance Sheet 181 Cobank Patronage Capital & Balance Sheet 181 Cobank Patronage Capital & Historic results and adapted from 2007 Budget-REVISED-MARCH 2007-xis 181 Exert Conforming Receipts 182 Cobank Patronage Capital & Historic results and adapted from 2007 Budget-REVISED-MARCH 2007-xis 182 Exert Conforming Receipts 183 Exert Conforming Receipts 184 Fixed Production (M\$) 185 Fixed O&M 187 Non-Labor (Real) 188 Labor (Norminal) 189 Labor (Norminal) 180 Labor (Norminal) 180 Labor (Norminal) 181 Labor (Norminal) 181 Labor (Norminal) 182 Labor (Norminal) 182 Labor (Norminal) 183 Labor (Norminal) 184 Fixed Production (Real Basis) 185 Fixed O&M 186 Fixed O&M 186 Fixed O&M 187 Non-Labor (Real Basis) 186 Fixed O&M 187 Non-Labor (Real Basis) 187 Fixed Production (Real Basis) 188 Note (Real Basis) 189 Fixed Production (Real Basis) 180 Cobank Patronage Capital (Income Statement) 180 Labor (Norminal) 181 Labor (Norminal) 182 Labor (Norminal) 182 Labor (Norminal) 183 Labor (Norminal) 184 Fixed Production (Real Basis) 185 Fixed O&M 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC Nov-07 w outage shift.vis 186: Fin Model inputs BREC		Transaction Index	
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220 WKE "Incremental" items moved to O&M 221 W-1 stack repair 222 boller waterwall metal overlays 223 SCR catalyst replacement 224 Transmission O&M 225 Baseline Labor (06 and 07 labor & non-labor combined) 226 Baseline Non-Labor 227 Unwind Staffing_Rev0707_Reflects 2008 Dollars_Rev 1.xls 228 2005 actual escalated @ 3% plus 100K			
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223 SCR catalyst replacement file: Fin Model inputs BREC Nov-07 w outage shift.xls 224 Transmission O&M 225 Baseline Labor (06 and 07 labor & non-labor combined) 226 Baseline Non-Labor 227 Unwind Staffing_Rev0707_Reflects 2008 Dollars_Rev 1.xls 2005 actual escalated @ 3% plus 100K	221	·	tile: Fin Model inputs BREC Nov-07 w outage shift vis
224 <u>Transmission O&M</u> 225 Baseline Labor (06 and 07 labor & non-labor combined) 226 Baseline Non-Labor 227 Unwind Staffing_Rev0707_Reflects 2008 Dollars_Rev 1.xls 228 2005 actual escalated @ 3% plus 100K	222		file: Fin Model inputs BREC Nov-07 w outage shift vis
225 Baseline Labor (06 and 07 labor & non-labor combined) 226 Baseline Non-Labor 2005 actual escalated @ 3% plus 100K		•	tile: Fill Model inhais BUEC Mos-o. A corede surreys
226 Baseline Non-Labor 2005 actual escalated @ 3% plus 100K		Transmission O&M	Upwind Staffing Rev0707 Reflects 2008 Dollars Rev 1.xls
207 Illustrator Phase I (Peal Resis)			2005 actual escalated @ 3% plus 100K
ZZ/ Upgraues, Friase Tyrear Dasis)			•
Historic results and adapted from 2007 Budget-Rtt. VISED-WARCH 2007.XIS			Historic results and adapted from 2007 Budget-REVISED-MARCH 2007:xls
Property Toy Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls			Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls
230 Property Ins. Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls			Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls
231		· ·	

Unwind Allocation Pre-Transaction Allocation Transaction Index Electricity Sales, Purchases, and Production A&G

232 A&G 233 Labor 234 Non-Labor 235 Intellectual Property (Nominal Basis) 236 237 Total 238 239 APM, L/C, Cogen, CW & TVA Trans 240 241 Property Insurance 242 243 <u>Property Tax</u> 244 Baseline 245 Transmission -- Operations 246 General Plant -- Operations 247

248

Source:

Unwind Staffing_Rev0707_Reflects 2008 Dollars_Rev 1.xls 2004 actual escalated @ 3% Unwind spreadsheet -- 8-29-07_Rev1.xls

Existing Transacion -Budget-Arb-2008-Rev9-11-07.xls

2004 actual escalated @ 3%

Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls

297

Source:

file: Fin Model inputs BREC Nov-07 w outage shift.xls file: Fin Model inputs BREC Nov-07 w outage shift.xls

Per Crockett Memo dated 11/12/07

\$1.25M 2007 escalated @ 3%

Participation Agreement - Cost Sharing

file: Fin Model inputs BREC Nov-07 w outage shift.xls file: Fin Model inputs BREC Nov-07 w outage shift.xls file: Fin Model inputs BREC Nov-07 w outage shift.xls file: Fin Model inputs BREC Nov-07 w outage shift.xls file: Fin Model inputs BREC Nov-07 w outage shift.xls file: Fin Model inputs BREC Nov-07 w outage shift.xls

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Per Crockett Memo dated 11/12/07 Per Crockett Memo dated 11/12/07

Unwind spreadsheet -- 8-29-07_Rev1.xls
Depreciated at Average Capital Depreciation Rate

Pre-Transaction Allocation Transaction Index Electricity Sales, Purchases, and Production 298 Other Disbursements (M\$) 299 300 PPA 301 Environmental 302 PCB Restructuring 303 LEM Settlement Note 304 'Other Deductions' 306 Deferred Debit - PCB Refunding A/C 181 307 Green River Coal Settlement 308 309 310 Payment to City of Henderson 311 Smelter Payment (Assurances Agreement) 312 313 314 Economic Reserve 315 Working Capital Adj. 316 CoBank Patronage Capital 317 Amortization of RUS/PCB Charges 318 Other Assumptions 320 Interest Earnings Rate on Cash Balances 321 322 Inflation 323 324 Receivables (days) 325 326 Payables (days) 328 Non-Patronage Taxable Allocation (Transaction) 330 Transition Reserve 331 332

Unwind Allocation

Source:

Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls Proforma transaction and bond insurance costs Long Term Debt Schedule Actual 2006 - Budget 2007.xls Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls

Long Term Debt Schedule Actual 2006 - Budget 2007.xls Long Term Debt Schedule Actual 2006 - Budget 2007.xls

annual output - 12-15-07.xls Coordination Agreement

Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls Straightline amortization of RUS and PCB restructuring costs

Big Rivers estimate

Big Rivers estimate

Big Rivers estimate

Big Rivers estimate

Orrick Herrington/ Deloitte

Smelter Retail Agreements, Section 1.1.119

a a air an air a	Source:
Unwind Allocation	
Pre-Transaction Allocation	
Transaction Index	
Electricity Sales, Purchases, and Production	
333 Balance Sheet (2005)	·
334	
335 Assets	
336 Property	Historic Balance Sheet
337 Total Utility Plant in Service	Historic and Projected Balance Sheet
338 Construction in Progress	Historic Balance Sheet
339 Depreciation & Amortization	Historic Balance Sheet
340 Other Property	Historic Balarice Sileet
241 Current	that I de Delegge Shoot
342 Cash General Funds & Special Deposits	Historic Balance Sheet
343 Ending Cash Balance	Historic Balance Sheet
344 Accounts Receivable	Historic Balance Sheet
345 Fuel Stock & Related	Historic Balance Sheet
346 Credit Escrow	Economic Reserve Historic Balance Sheet
347 Materials and Supplies Other	Historic Balance Sheet
348 Other Current Assets	HISTORIC DAISINGS OFFICE
249 Credits	Historic and Projected Balance Sheet
350 AMBAC/Credit Suisse July '98	Historic Balance Sheet
on Deformed Tax	Historic Balance Sheet
ass Other Deferred Dehits/PCB Refunding 10/01	Historic Balance Sheet
353 LEM Settlement Note/Marketing Payment	HISTORIC Dalarice Officer
354 Total Assets	
355	
356 <u>Liabilities</u>	Historic Balance Sheet
357 Margins & Equities	UISTOTIC DETENDE CHOOK
358 Long-Term Debt	Historic Balance Sheet
359 Existing Debt	Historic Balance Sheet
360 Sale-Leaseback Obligation	I HOROTIC DOMESTICS CITED
361 Total Long-Term Debt	
362 Current & Accrued Liabilities	Historic Balance Sheet
363 Accounts Payable	Historic Balance Sheet
364 Taxes Accrued	indente activide
365 Deferred Revenue (Credit Escrow)	Historic Balance Sheet
366 Interest Accrued	Historic Balance Sheet
367 Other Accrued Liabilities	Historic Balance Sheet
368 WKEC Lease (Resid. Value Obligation)*	Historic Balance Sheet
369 Sale-Leaseback Gain	Historic Balance Sheet
370 Other Deferred Credits & Century Reactive Power	Historic Balance Sheet
371 Total Liabilities & Equity	Tristorio Balariya
372	
373 Misc included in Other Property	
374	•
375	

=	
Allocatio	
Umwind	

Source:

Pre-Transaction Allocation
Transaction Index
Electricity Sales, Purchases, and Production
376 Sale-Leaseback
377
378 BOY Deferred Gain
379 Amortization (I/S)
380
381 Investment - Special Deposit (B/S)
382 Adder
383
384 Liability - Long-Term Debt (B/S)
385
386 Interest Income (I/S)
387
386 Interest Expense (I/S)
387
389 Cash Flow (Investment and Liability)
390
391 Sale-Leaseback - LeaseCo.
392 Defeasance Income
393 Rent Expense
394
395

Sale-Leaseback Sale-Leaseback Sale-Leaseback

Sale-Leaseback Sale-Leaseback

Sale-Leaseback Sale-Leaseback

Sale-Leaseback

Sale-Leaseback Sale-Leaseback

Unwind Allocation	Source:	
Ulimita Milocation		
Pre-Transaction Allocation		
Transaction Index		
Electricity Sales, Purchases, and Production		
396 Unwind Transaction		
397		
398 WKE Residual Value Obligation		
399 WKE Gen. Capex - Cum.		
400 Non-Incremental (RV Obligation Balance)	DE JULIA DE JUEED MARCH 2007 Vis	
400 Non-incremental (IV Obligation Sales)	Historic results and adapted from 2007 Budget-REVISED-MARCH 2007 xis	
401 Beginning Balance 402 WKE Share of Non-Incremental Capex		
402 WKE Share of Non-incremental Capex	the send adented from 2007 RUMMERT-NEW MARCON 4001 W	•
403 Amortization of WKE Share	Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls	
404 Other		
405 Incremental	Historic results and adapted from 2007 Budget-REVISED-MARCH 2007 xls	
406 Beginning Balance		
407 WKE Share of Non-Incremental Capex	Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls	
408 Amortization of WKE Share		
409		
410 LG&E Rental Income Advance	Historic results and adapted from 2007 Budget-REVISED-MARCH 2007 xls	
411 Cash Flow	the second adapted from 2007 BUDDENICEVIOED WITHOUT AND THE	
412 Income Statement	Historic results and adapted from 2007 Budget-REVISED-MARCH 2007.xls	
413 Balance	riisiono resulta and adapta	
414		
415 Net WKE Obligation		
416	Termination Agreement	
417 Fuel & Other Inventories		
418	Termination Agreement/ file: Coleman Scrubber.xls	
419 Coleman Scrubber Completion		
420	Termination Agreement	
421 Cancellation of Settlement Prom. Note		
422		
423 424 Assuarnces Agreement Payment	Smelter Coordination Agreement	
425 426		
427		
428		
429 Economic Reserve		
430 BB	Assumed 4.28% interest earnings rate	
431 IE	LG&E Unwind Deal Stipulated	
432 Contribution	Releases to offset FAC + ES, net of surcharge rebates	
433 Release/ Amortization	Releases to onsect 70 × 20,110	
434 EB		
435		
436		
437		
438 LG&E Emissions Allowance	Termination Agreement	
439 Volume (tons)	annual output - 12-15-07.xls	
440 Price (\$/ton)	CHINAN CONTRACTOR	

	Unwind Allocation	Source:
	Pre-Transaction Allocation	
	Transaction Index	
	Electricity Sales, Purchases, and Production	
441	Electrony outco, r diomasos, and	
442		
443		
444		
445	•	
446		
447		
448		
449		
450	DSL Termination	
451	PMCC Share	
452	Net SLB	
	Depreciation	•
454		
455	Additional Book Depreciation	
456	Prior year non-incremental + in service	Historic
457	Average of Transmission and A&G	Historic
458	Depreciation as a Percentage of Gross PPE	Historic depreication rate
459	Capitalization Policy (0=longer rate)	Based on 1993 Depreciation Study
460	Capital Depreciation Rate (excl. Environmental)	Based on 1993 Depreciation Study
461	Capital Depreciation Rate (Environmental)	Based ou 1992 Deblectation 2003
462		•
463		
	HMP&L Station Two	Historic
465	Prior year non-incremental	Historic depreication rate
	Depreciation as a Percentage of Gross PPE	1 110 to 110 depressed to 110
467		
	Other .	Historic
469	Prior year	Historic depreication rate
	Depreciation as a Percentage of Gross PPE	
471		
	Book Depreciation & Amortization	
	Generation Big Rivers' Plants	Historic
474		Historic
475	Other	Historic
477		
	Adjustment to Depreciation	
410	9/24/07 Blended Depreciation Amount	Coordination Agreement, Section 3
415	VIETO DIGINOS DOPISSIONISTI INTERIO	

Coordination Agreement, Section 3.10

Unwind Allocation	Source:
Pre-Transaction Allocation	
Transaction Index	
Electricity Sales, Purchases, and Production	
480 Income Tax Related	
481	
482 Previously Expensed Marketing Payment	Historic
483	M
484 Status Quo Depreciation	Proforma
485	
486 WKE Share of Capex	Participation Agreement - Cost Sharing
487 Non-Incremental	Participation Agreement - Cost Sharing
488 Incremental	Participation Agreement - cost origing
489 Incremental Dep	
490 Temporary Differences 491 2005 Cumulative Balance of Capex not reflected in SQ	Historic
492 Other Temporary Differences	Historic
493	
494	•
495	
496	
497 Tax Rates	
498 Regular	Big Rivers' estimate
499 AMT	Big Rivers' estimate
500	·
501 <u>ACE</u>	
502 ACE Deduction	
503 ACE %	
504	Historic
505 SQ Addition	· notorio
506 <u>2006 AMT BB</u> 507	
508 Nonpatronage MWH	Historic
509 Offsystem Sales	Orrick Herrington/ Deloitte
510 Interest Income on Unrestricted Cash	Orrick Herrington/ Deloitte
511 Interest on Transition Reserve	Orrick Herrington/ Deloitte
512 Interest on Economic Reserve	Orrick Herrington/ Deloitte
	· ·

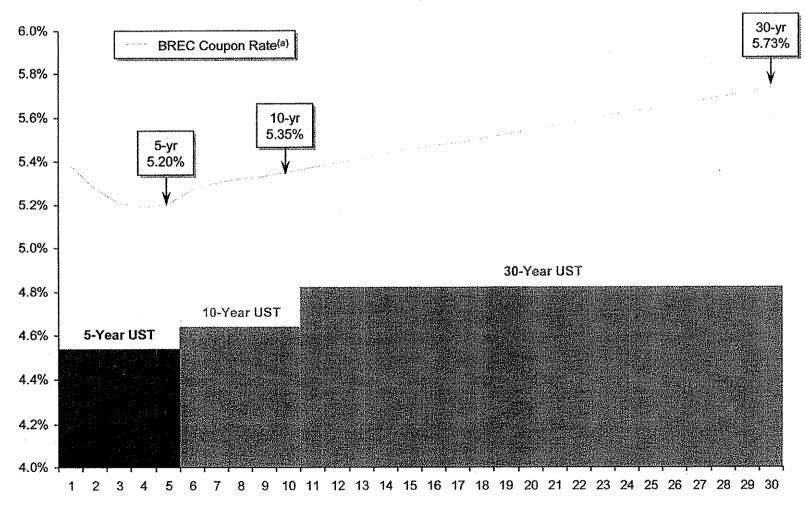
Anthonormore			

ATTACHMENT PSC 22.c

Interest Cost Data



Indicative Big Rivers borrowing rates with underlying benchmark US Treasury rates.



Big Rivers
Electric *poration

(a) Fixed rate bonds assume between 65-90 bp credit spread across the yield curve (insured).

⁽b) As of 4/23/2007.

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST PSC CASE NO. 2007-00455

February 14, 2008

22 23

Item 23) Refer to the Application, Exhibit 9, the Direct Testimony of Robert S. Mudge ("Mudge Testimony"), page 6 of 20. Mr. Mudge states that Big Rivers' equity to asset ratio will go from a negative 13 percent to a positive 24 percent as a result of the Unwind Transaction. Provide the corresponding change in the equity to total capitalization ratio.

Response) An analysis of the corresponding change in the equity to total capitalization ratio is presented below. Capitalization is defined as equity, debt, and sale-leaseback obligation net of defeased portion:

	2008		
	<u>Pre-</u>	<u>Delta</u>	Post-
	<u>Trans.</u>		<u>Trans.</u>
Balance Sheet (M\$)			
Net Utility Plant	923	97	1,021
Sale-Leaseback Invest.	195	-	195
Cash & Investments			
Transition Reserve	-	35	35
Economic Reserve	-	75	75
Unrestricted	135	(10)	125
Rcbls., Inv. & Other	<u>53</u>	4.000	116
Assets	1,307	260	1,567
Equities	(171)	548	377
Sale-Leaseback	239		239
Debt	1,051	(193)	858
Payables & Other	188	(94)	94
Equities & Liabilities	1,307	260	1,567
•	,		
Equity/ Assets	-13%		24%
Equity/ Capitalization	-19%		29%

Witness) C. William Blackburn

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

Refer to the Mudge Testimony, page 12 of 20. Identify Global Insight,

PSC CASE NO. 2007-00455 February 14, 2008

Item 24)

Witness)

Inc. and briefly describe the expertise the firm has in estimating fuel and emission allowance market prices.

Response) See attached documents.

C. William Blackburn

About Global Insight, Inc.

GLOBAL INSIGHT, INC. (GII) is a leader in economic and financial information, forecasting, analytic software and solutions based consulting. Global Insight boasts annual revenues in excess of \$80 million and more than 600 employees in 23 countries.

The largest division of Global Insight is the economic information group that was created from the integration of DRI and WEFA, two of the most respected economic information companies in the world. DRI and WEFA had many complementary capabilities. Bringing together DRI and WEFA was a merger that created the most comprehensive coverage of countries, regions and industries available from any source. Global Insight brings a common analytical framework and a consistent set of assumptions to these diverse capabilities and products.

Global Insight also provides a broad range of consulting capabilities covering market analysis, business planning, investment strategy, risk assessment, infrastructure analysis, policy evaluation and economic development and impact. The combination of expertise, modelling assets, data repository and analytical software tools deliver actionable solutions that address specific client problems.

Global Insight has over 3,000 clients in energy, finance and government around the world, and serves 45 of the top 50 energy and power organizations in North America.

Global Insight Global Macroeconomic Analysis

Global Insight pioneered the use of econometric models of the world's economies to support business decisions and evaluate public policy. Today, our modelling system provides the foundation for an expanding array of economic and market-forecasting services, each focused on the assessment of business, economic, and financial risks and opportunities. Through its models, information, and expertise, Global Insight consistently analyses and forecasts economic developments in 186 countries and regions, as well as major industry sectors, such as global energy, automotive, and telecommunications. In addition, Global Insight draws on the expertise of the 28 country analysts of its sister company, World Markets Research Centre (WMRC), to provide additional input to the analysis of these same countries.

In total, Global Insight has 40 macroeconomists collaborating on global issues that affect the international outlook, with offices in London, Paris, Milan, Frankfurt, Boston, Philadelphia, and South Africa. Global Insight provides a full coverage of on-line analysis and detailed forecasts of all the European Union members, as well as all first- and second-tier accession countries. The accession countries are covered by Global Insight's Emerging Europe team (formerly PlanEcon). There are currently seven economists covering the EU15 countries and seven who follow the Accession Countries and Former Soviet Union.

Studies by Global Insight at the macroeconomic level provide detailed analyses and forecasts of energy price scenarios encompassing such key impact areas as real GDP and its components, industrial production, inflation, and trade balances for every region of the world and the 16 largest economies. Our macroeconomic assessments

incorporate not only the direct "first round" impact on each economy, but also the indirect effects through income, demand, and other external feedback.

Global Insight Global Energy Group

The Energy Group has 44 staff based in Boston and London and has been advising major players in the global energy industry since the early 1970s. Working with other experts in Global Insight, the Energy Group can provide a powerful combination of expertise to address the wide range of issues and methodologies required for this project.

Global Insight Energy Group provides premier multi-fuel consulting services, specializing in oil, natural gas, power, and coal markets. Our international team of experts is committed to providing energy organizations with the strategic and tactical vision required to remain competitive in a global marketplace. Using an academically rigorous methodology and a quantitative approach, we help to untangle complex fuel-related supply, demand, and price relationships. Companies around the world have depended upon our analysis to support investment decisions, enter new markets, and better understand the potential impact of policies and regulations. We offer a broad range of analytical products and custom consulting services designed to highlight market risk, identify market opportunity, and support investment decisions – whether at the macroeconomic, country, or industry level.

Mary H. Novak Managing Director, Energy Services

24 Hartwell Avenue Lexington, MA 02421 USA (781) 301-9011 E-mail: mary.novak@globalinsight.com

Mary Novak is Managing Director of Global Insight's North American Energy Services. Under Ms. Novak's direction, Global Insight provides semi-annual energy publications assessing the outlook for the U.S. energy market and global petroleum markets, and monthly oil, natural gas, and coal market reports. These comprehensive publications analyze and project demands, supplies, prices, and government policies, explaining recent developments and investigating alternative future scenarios for all fuels. In her twenty-five year tenure with Global Insight and its predecessor companies, Ms. Novak has held a variety of positions with the Energy Group. Ms. Novak joined the firm as a senior economist with responsibility for natural gas analysis. Subsequently, Ms. Novak held the position of Director of the U.S. Energy Service. As a Principal, Ms. Novak directed analysis in the environmental area, coordinating the many Global Insight Services and models used in this emerging discipline.

In addition to her broad experience in energy market analysis, Ms. Novak is well known for her policy analysis. She has made significant contributions to the assessment of the economic impacts of major new energy and environmental policy initiatives. In addition to preparing analyses of the economic impacts of various policies, Ms. Novak has presented the findings to numerous Congressional committees, given presentations at conferences hosted by several government agencies including the EPA, and traveled across the US to participate in meetings with state governors and other elected officials.

In support of client use of the forecasts, Ms. Novak has testified before the Massachusetts Department of Telecommunications and Energy and the Pennsylvania Public Utility Commission. Ms. Novak has also testified before the Federal Energy Regulatory Commission on behalf of the a consortium of gas pipeline companies on the use of the forecasts in rate setting, and written testimony on behalf of several rail companies on the outlook for coal pricing and its implications for rail rates.

Ms. Novak received her BA in Economics from The Catholic University of America, and an MA in Economics from the University of Maryland.

John W. Dean Senior Consultant

24 Hartwell Avenue Lexington, MA 02421 USA

John Dean has over 25 years experience in the coal and coal transportation field. He has conducted site-specific coal price forecasts for numerous electricity and industrial companies, written extensively on coal procurement issues, and directed policy analyses on such issues as the economic and energy impacts of global warming and other environmental legislation as well as inter-regional coal market shifts. John has given expert testimony before public utility commissions in Ohio and Pennsylvania, has provided written testimony before the U.S. Congress, and has conducted litigation research in a wide range of cases.

John's energy career began in the 1970s. During twelve years in the Federal Government, he served at the Department of Energy (and its predecessor, the Federal Energy Administration) directing site-specific fuel supply and transportation analyses of utility and industrial plants, held the position of Deputy Director of a fuels regulatory group, and worked as a policy analyst evaluating electric power and coal issues. John then spent five years at DRI (a Global Insight predecessor company) where he directed the DRI Coal Service and the DRI Fuel Procurement Service. Following his years at DRI, John held positions at Hay Systems, Inc. (a Saatchi and Saatchi subsidiary) as Chief Financial Officer and Vice President-Energy. Since 1988, John has been analyzing coal markets and is currently a Senior Consultant to Global Insight, Inc.

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

PSC CASE NO. 2007-00455 February 14, 2008

1.86%

1.86%

1.85%

Item 25)

Refer to the Mudge Testimony, page 15 of 20. Provide Big Rivers' depreciation reserve ratios for calendar years 2005, 2006, and 2007.

Response)

Witness)

Aggregate depreciation reserve ratios for calendar years 2005, 2006, and

2007 are as follows:

C. William Blackburn

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Refer to the Application, Exhibit 10, the Direct Testimony of C. William Blackburn ("Blackburn Testimony"), page 14 of 130. Mr. Blackburn states that Big Rivers will receive the Coleman Scrubber and plans to record the scrubber on its books at \$97.5 million. In Case No. 2002-00195, ¹ the Commission approved a specific accounting treatment for the Coleman Scrubber. Explain in detail how the accounting treatment for the Coleman Scrubber changes as a result of the Unwind Transaction. Include applicable references to the RUS Uniform System of Accounts ("USoA"). In addition, explain why the previously approved accounting treatment is no longer applicable for the Coleman Scrubber.

As required by the KPSC in its July 12, 2002 Order in Case No. 2002-Response) 00195, on September 25, 2002, Big Rivers clarified the accounting it would employ for the Coleman Scrubber, and a copy is attached. Essentially, the Coleman Scrubber was deemed a "leasehold improvement", to be constructed solely to benefit the lessee. Big Rivers was to account for the Coleman Scrubber in its continuing property records (CPRs) as for any other Capital Asset, but employ offsetting contra accounts. In essence, the Coleman Scrubber is not reflected on the face of Big Rivers' financial statements, but is appropriately disclosed. Pursuant to that accounting treatment, the Coleman Scrubber was constructed and placed into service January 2007, and had a capitalized cost of \$97,495,087.44 through October 2007. Hence, the \$97.5 million referenced in my testimony. Given the "Unwind", it is believed the "previously approved" accounting treatment, predicated upon the assumption that the Coleman Scrubber was a "leasehold improvement", solely to benefit the lessee, is not reasonable. Without question, the completion of the Coleman Scrubber was a critical element of compensation by E.ON US to Big Rivers. Accordingly, Big Rivers believes the effect of the appropriate journal entry would be to debit RUS Account Number 101, Electric Plant in Service, with the resulting gain recorded to RUS Account Number 434, Extraordinary Income.

Please refer to Item 8 of these responses and Exhibit CWB-7 of the original filing.

C. William Blackburn

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Witness)

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Item 26 Page 2 of 2

File: 210.20.19

SULLIVAN, MOUNTJOY, STAINBACK & MILLER PSC

ATTORNEYS AT LAW

Ronald M. Sullivan

Jesse T. Mountjoy

Frank Stainback

September 25, 2002

Thomas M. Dorman

Executive Director

Public Service Commission

211 Sower Boulevard, P.O. Box 615

Frankfort, Kentucky 40602-0615

James M. Miller

Michael A. Fiorella

William R. Dexter

Allen W. Holbrook

R. Michael Sullivan 5

P. Marcum Willis

Anne H. Shelburne

Bryan R. Reynolds Mark G. Luckett

Re:

Joint Application of Big Rivers Electric Corporation,

LG&E Energy Marketing Inc., Western Kentucky Energy Corp.,

WKE Station Two Inc., and WKE Corp. for Approval of

Amendments to Transaction Documents, PSC Case No. 2002-00195

> Coleman (crubber

Dear Mr. Dorman:

This letter amends Big Rivers' compliance filing of August 30, 2002, in this matter by revising Appendix 1 ("Explanation of Accounting Treatment"). The changes to Appendix 1, reflect a change requested by RUS representatives after the August 30, 2002 filing, and clarify the conclusions reached on accounting issues related to the Coleman Scrubber.

An original and ten copies of the revised Appendix 1 are enclosed. Eleven redlined copies of Appendix 1 are also attached. Please note that at the request of RUS, Big Rivers has amended its statement regarding the position of RUS on Big Rivers' income tax treatment of the scrubber.

Sincerely yours,

James M. Miller

JMM/bh Enclosures

cc: David Spainhoward
Patrick Northam, Esq.
Dean Stanley
Burns Mercer
Kelly Nuckols

Frank N. King, Jr., Esq.

-m. mila

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> 100 St. Ann Building PO Box 727 Owensboro, Kentucky 42302-0727

APPENDIX 1

Requirement for Explanation of Accounting Treatment of Coleman Scrubber

"Within 10 days of finalizing the accounting treatment for the Coleman Scrubber, but prior to any accounting entry being made to its books, Big Rivers shall provide the Commission with a discussion of the proposed accounting treatment. This discussion shall include, but not be limited to, any proposed accounting entries, the evaluations and conclusions of its auditor, its tax counsel and the RUS, and the rationale supporting the accounting approach proposed."

Response of Big Rivers:

The capitalized terms used herein are defined terms in the Transaction Documents. A copy of Exhibit X ("Definitions") from the New Participation was provided to the Commission in this case.

While collaborative discussions between the Rural Utilities Service ("RUS"), Deloitte & Touche LLP ("D&T") (Big Rivers' external auditor and tax advisor) and Big Rivers Electric Corporation ("Big Rivers") have occurred over a period of approximately two months, the ultimate resolution of the proper accounting for the Coleman Scrubber involved resolving differing opinions of what constitutes generally accepted accounting principles ("GAAP") under this particular circumstance. In this instance, as in many instances, GAAP treatment is not "black and white". For example, GAAP is not specific about what constitutes lease income. For income tax purposes, as with all Western Kentucky Energy Corp. ("WKE") amounts paid for Capital Assets, the Coleman Scrubber does not constitute a contribution in aid of construction and is therefore not reflected on Big Rivers' income tax books. D&T agrees with this tax treatment. The RUS offered no position regarding the income tax treatment employed by Big Rivers, and does not wish to do so.

It is the opinion of the RUS that RUS Bulletin 1767B-1, Uniform System of Accounts ("UsoA"), 1767.16(b)(4) provides that the Coleman Scrubber, a Major Capital Improvement, being different than normal Non-Incremental Capital Costs or Incremental Capital Costs for which WKE will generally receive a Residual Value Payment, is a "contribution" to Big Rivers by WKE that should not be reflected by Big Rivers on the face of its financial statements, but appropriately disclosed in its footnotes. However, Big Rivers will account for the Coleman Scrubber in its continuing property records, as with any other Capital Asset, but will employ offsetting contra accounts (Account 104 – Electric Plant Leased To Others and Account 107 – CWIP Electric). During construction the charges will be applied to Account 107. After construction is completed, the charges will be transferred to Account 104.

We were initially of the opinion that, similar to normal Non-Incremental Capital Costs and Incremental Capital Costs, the contemplation of and provision for Major Capital

Improvements in the lease transaction documents should result in additional lease income to Big Rivers to be recognized on a straight-line basis over the remaining lease term, depreciated in accordance with Big Rivers' approved depreciation study, if and when they occur. Big Rivers brought the RUS and D&T together to determine the proper accounting treatment for the Coleman Scrubber, as RUS purports to be GAAP and no departure is to be made from the prescribed RUS USoA without the prior written approval of RUS. Further, the RUS USoA states that when a borrower believes a conflict exists between the FASB and an RUS interpretation, the borrower shall seek resolution of the issue. Following early discussions and upon further research, D&T effectively agrees with the accounting requested by RUS, concluding that Major Capital Improvements should be accounted for as "leasehold improvements" by WKE and not reflected on Big Rivers' books. The parties agree that whether a contribution or a leasehold improvement by WKE, the accounting by Big Rivers would be the same – not reflected on the face of Big Rivers' financial statements, but appropriately disclosed.

Other than the response provided this Commission August 30, 2002, no correspondence was received from either the RUS or Deloitte & Touche regarding the final resolution of the accounting treatment for the Coleman Scrubber. The discussions referenced in our response consisted of approximately seven telephone calls amongst the parties. As stated above the RUS relied upon RUS Bulletin 1767B-1. A copy of the relevant section of RUS Bulletin 1767B-1, Uniform System of Accounts, 1767.16 (b)(4) is attached hereto.

Assuming the LG&E/Big Rivers lease continues, because the Coleman Scrubber, as with any other future Major Capital Improvement, will not be reflected on the face of Big Rivers' financial statements, there will be no depreciation attributable to it. However, as WKE has 100% responsibility for advalorem property taxes associated with the Coleman Scrubber, for such purpose (and that purpose only) Big Rivers will depreciate it, and all improvements thereto, on a straight-line basis from the in-service date through the end of the lease term, December 31, 2023.

Respondent: Mark Hite,

Vice President of Finance and Administrative Services

Bulletin 1767B-1 Page 39

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acquired, sold or otherwise disposed of. Where the costs or benefits of hedging transactions are not identifiable with specific allowances, the amounts shall be included in Account 158.1 when the futures contract is closed. The costs and benefits of exchange-traded allowance futures contracts entered into as a speculating activity shall be charged or credited to Account 421, Miscellaneous Nonoperating Income, or Account 426.5, Other Deductions, as appropriate.

§ 1767.16 ELECTRIC PLANT INSTRUCTIONS:

- (a) Classification of electric plant at effective date of system of accounts.
- (1) The electric plant accounts provided herein are the same as those contained in the prior system of accounts except for inclusion of accounts for nuclear production plant and some changes in classification in the general equipment accounts. Except for these changes, the balances in the various plant accounts, as determined under the prior system of accounts, should be carried forward. Any remaining balance of plant which has not yet been classified, pursuant to the requirements of the prior system, shall be classified in accordance with the following instructions.
- (2) The cost to the utility of its unclassified plant shall be ascertained by analysis of the utility's records. Adjustments shall not be made to record in utility plant accounts amounts previously charged to operating expenses or to income deductions in accordance with the USoA in effect at the time or in accordance with the discretion of management as exercised under a USoA, or under accounting practices previously followed.
- (3) The detailed electric plant accounts (301 to 399, inclusive) shall be stated on the basis of cost to the utility of plant constructed by it and the original cost, estimated if not known, of plant acquired as an operating unit or system. The difference between the original cost, as above, and the cost to the utility of electric plant after giving effect to any accumulated provision for depreciation or amortization shall be recorded in Account 114, Electric Plant Acquisition Adjustments. The original cost of electric plant shall be determined by analysis of the utility's records or those of the predecessor or vendor companies with respect to electric plant previously acquired as operating units or systems and the difference between the original cost so determined, less accumulated provisions for depreciation and amortization and the cost to the utility with necessary adjustments for retirements from date of acquisition, shall be entered in Account 114, Electric Plant Acquisition Adjustments. Any difference between the cost of electric plant and its book cost, when not properly includible in other accounts, shall be recorded in Account 116, Other Electric Plant Adjustments.

3 of 4

(b) Flectric plant to be recorded at cost.

- (1) All amounts included in the accounts for electric plant acquired as an operating unit or system, except as otherwise provided in the texts of the intangible plant accounts, shall be stated at the cost incurred by the person who first devoted the property to utility service. All other electric plant shall be included in the accounts at the cost incurred by the utility except for property acquired by lease which qualifies as capital lease property under § 1767.15 (s), Criteria for Classifying Leases, and is recorded in Account 101.1, Property Under Capital Lease, or Account 120.6, Nuclear Fuel Under Capital Leases. Where the term "cost" is used in the detailed plant accounts, it shall have the meaning stated in this paragraph (b).
- (2) When the consideration given for property is other than cash, the value of such consideration shall be determined on a cash basis (see, however, the definition of cost in § 1767.10). In the entry recording such transition, the actual consideration shall be described with sufficient particularity to identify it. The utility shall be prepared to furnish RUS the particulars of its determination of the cash value of the consideration if other than cash.
- (3) When property is purchased under a plan involving deferred payments, no charge shall be made to the electric plant accounts for interest, insurance, or other expenditures occasioned solely by such form of payment.
- (4) The electric plant accounts shall not include the cost or other value of electric plant contributed to the company. Contributions in the form of money or its equivalent toward the construction of electric plant shall be credited to accounts charged with the cost of such construction. Plant constructed from contributions of cash or its equivalent shall be shown as a reduction to gross plant constructed when assembling cost data in work orders for posting to plant ledgers of accounts. The accumulated gross costs of plant accumulated in the work order shall be recorded as a debit in the plant ledger of accounts along with the related amount of contributions concurrently be recorded as a credit.
- (c) <u>Components of construction cost</u>. The cost of construction properly includible in the electric plant accounts shall include, where applicable, the direct and overhead costs as listed and defined hereunder:
- (1) Contract work includes amounts paid for work performed under contract by other companies, firms, or individuals, costs incident to the award of such contracts, and the inspection of such work.



BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

Refer to the Blackburn Testimony, page 15 of 130. Explain the difference

Big Rivers has included the construction value of the Coleman scrubber as

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part of the negotiated value received from E.ON. Big Rivers will start depreciating this

asset at the time of closing. It is my understanding that E.ON is currently depreciating

the scrubber using a much shorter time period for depreciation than Big Rivers guidelines

in accounting techniques used to determine the value of the Coleman Scrubber as

 Item 27)

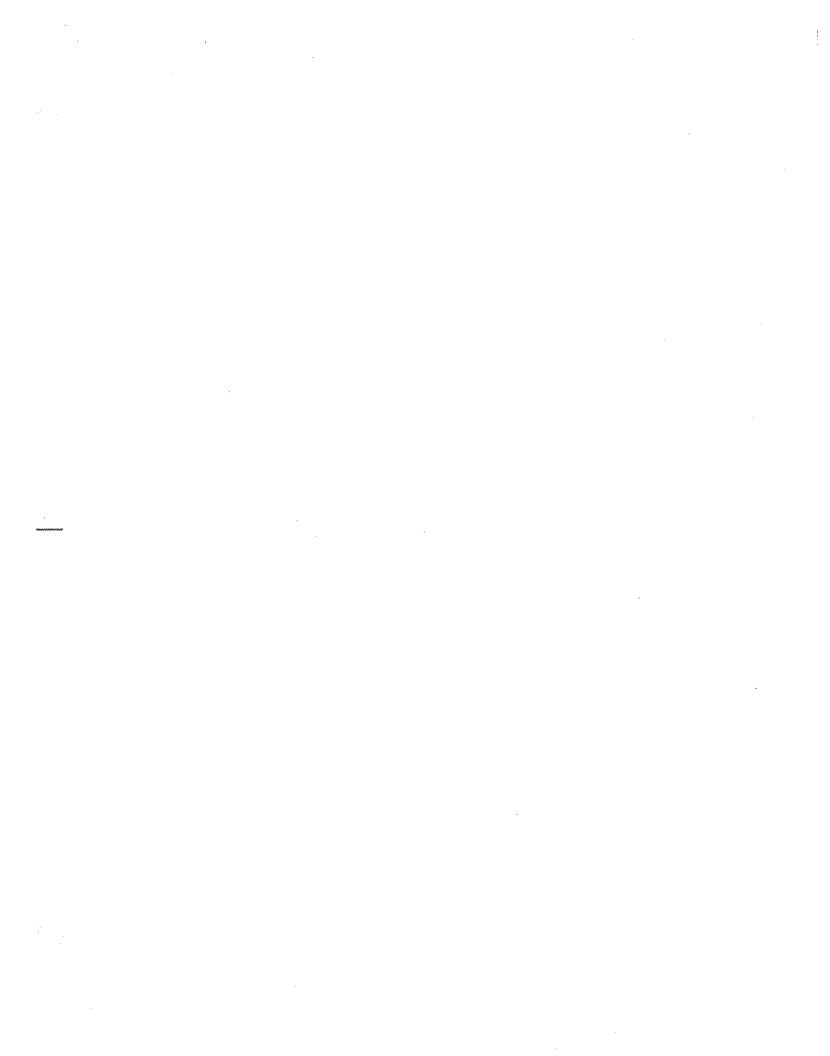
Response)

would allow.

referenced on this page.

C. William Blackburn Witness)

Iter	n	27	
Page	1	of	1



BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

PSC CASE NO. 2007-00455 February 14, 2008

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 Item 28) Refer to the Blackburn Testimony, page 16 of 130. Explain why Big Rivers believes it is appropriate to record the 14,000 SO₂ emission allowances at the market value at closing. Include applicable references to the RUS USoA.

Response) As part of the consideration from E.ON to terminate the existing lease, Big Rivers will receive 14,000 allowances. Accounting for the receipt of allowances at market value is no different than Big Rivers recording into income the cash payment from E.ON to Big Rivers. RUS Account 434 "Extraordinary Income" is to be used for crediting nontypical, noncustomary, infrequently recurring gains which would significantly distort the current years' model.

In Big Rivers' presentations to the RUS concerning this lease termination, Big Rivers informed RUS of the 14,000 allowances that were to be transferred from E.ON to Big Rivers. The accounting treatment for the allowances and for all termination activities of the lease agreement must be submitted to the RUS for approval. Big Rivers will provide a copy of this approval to the Commission.

Witness) C. William Blackburn

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Item 29) Refer to the Blackburn Testimony, page 23 and 24 of 130.

10.

a. Assuming that the Unwind Transaction is approved, Big Rivers states that in its financial model, the existing rural energy rate of \$20.40/MWh in 2008 is projected to increase to \$23.12 in the period 2017 through 2023, and the existing rural demand rate of \$7.37/kW-month is projected to increase to \$8.35 over the same period. The existing non-Smelter large industrial energy rate of \$13.72/MWh in 2008 is projected to increase to \$15.54/MWh for the period of 2017 through 2023, and the existing large industrial customer demand rate of \$10.13/kW-month in 2008 is projected to increase to \$11.50/kW-month from 2017 through 2023.

- (1) If the Unwind Transaction is not approved, are the rates for the above classes projected to increase in the 2017 through 2023 time period?
- (2) If the answer to part (a)(1) above is yes, what are the rates for the above classes projected to be absent the Unwind Transaction for the same 2017 through 2023 time period?

Response) Yes. Energy and demand rates projected absent the Unwind Transaction for the 2017 - 2023 time period are attached.

Witness) C. William Blackburn

Attachment to PSC Item 29

	Unwind No Rural Energy Demand		Large Ir	ed ndustrial Demand
Assuming	Excess (Capacity S	Sold Into	Market
2017	22.24	8.03	14.95	11.06
2018	22.24	8.03	14.95	11.06
2019	22.24	8.03	14.95	11.06
2020	24.24	8.76	16.29	12.06
2021	24.24	8.76	16.29	12.06
2022	24.24	8.76	16.29	12.06
2023	24.24	8.76	16.29	12.06

Assuming Excess Capacity Sold to Smelters at Large Industrial Rate + \$0.25

2017	30.46	11.01	20.48	15.16
2018	30.46	11.01	20.48	15.16
2019	30.46	11.01	20.48	15.16
2020	32.41	11.71	21.79	16.13
2021	32.41	11.71	21.79	16.13
2022	32.41	11.71	21.79	16.13
2023	32.41	11.71	21.79	16.13

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February 14, 2008

Item 30) Refer to the Blackburn Testimony, page 40 of 130. Provide the status of the contract with Kenergy concerning wholesale service for the Southwire Company's Rod and Cable Mill ("Southwire") load.

a. Provide for 2007 Southwire's peak load, load factor, and annual MWh consumption.

b. Have future sales and revenues attributable to Southwire been incorporated into the Large Industrial class figures reflected in the Unwind Model?

Response) Big Rivers has been in contact with representatives of Southwire Rod & Cable ("Southwire") regarding negotiation of the appropriate agreements by which service to Southwire will be separated from service to the Smelters. Big Rivers and Kenergy are drafting contract proposals, and Big Rivers is informed that in the near future a representative of Southwire will be in a position to discuss both contractual and operational issues applicable to Southwire's rod and cable mill with the appropriate representatives of both Kenergy and Big Rivers.

a. 2007	Peak Load	Load Factor	Annual MWh consumption
Southwire	6.4 MW	80%	44,552
b.	Yes		

Witness) C. William Blackburn

Refer to the Blackburn Testimony, page 60 of 130. Was an Equity

February 14, 2008

Development Credit incorporated into the Unwind Model? Explain the response.

 Item 31)

Witness)

Response) No. The equity development credit is a mechanism for Big Rivers to build additional equity if necessary. An equity development credit can only happen when a rebate is required by the Smelter contract and that portion of the rebate related to the Non-Smelter Members is not refunded to them. Each and every rebate that is shown in the financial forecast model was returned to the Smelters and the Non-Smelter members as well. Since each rebate was returned to the Smelter and Non-Smelter Members, the equity development credit was never used in the financial model.

C. William Blackburn

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

Refer to the Blackburn Testimony, page 74 of 130. Big Rivers states that

L. Robert Kimball has been retained to assess the physical inventory only.

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L. Robert Kimball and Associates, Inc. has been retained to make the valuation of the

existing coal inventory. Explain whether the valuation will be based upon actual fuel

The valuation of inventory will be the cost on WKEC's books and records at the close of

the Unwind, pursuant to Section 4.2 of the Termination Agreement.

costs, or if a current market price is to be used.

C. William Blackburn

Item 32)

Response)

Witness)

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 Item 33) Refer to the Blackburn Testimony, page 74 of 130.

- a. Provide Schedule 3.15 to the Coordination Agreements with the Smelters.
- b. Explain in detail why the coordination Agreements address how Big Rives will account for and capitalize the assets received from the E. ON-U.S. Parties
- c. Would Big Rivers agree that the accounting for assets and capitalization requirements should conform to the provisions of the RUS USoA and GAAP? Explain the response.
- d. Explain in detail how Big Rivers concluded that it was premature to perform a new depreciation study in conjunction with the Unwind Transaction and why it is reasonable to perform the new depreciation study at the time of the 2010 general rate case.
- **Response**) a. Schedule 3.15 to the Coordination Agreement is attached to Big Rivers' Errata filing with the Errata to Exhibit 20.
- b. As a condition to closing the Smelters must have confidence in Big Rivers' ability to produce financial results for the first five years that are similar to the financial model. Therefore, it is very important to the Smelters to understand Big Rivers' capitalization policy in order to evaluate the reasonableness of the depreciation level and the fixed Operation and Maintenance expense projections. Since the Smelter rates are subject to levels within the bandwidth, an accurate understanding of items to be capitalized.
- c. Yes, but for the requisite RUS and KPSC approvals discussed herein, Big Rivers agrees that its accounting for assets and capitalization requirements

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should conform to the provisions of the RUS USoA and GAAP. Note that the financial statements of Big Rivers include the provisions of Statement of Financial Accounting Standards No. 71, Accounting for the Effects of Certain Types of Regulation, which was adopted by Big Rivers in 2003, and gives recognition to the ratemaking and accounting practices of the RUS and the KPSC.

The Coordination Agreement, Section 3.15 Big Rivers Capitalization Policy, reads "To the extent consistent with the Accounting Principles, Applicable Law and guidance of applicable Governmental Authorities or RUS, Big Rivers shall capitalize expenditures for the replacement of the items related to Big Rivers' generation facilities identified in the list of the retirement units set forth in the Schedule 3.15." Schedule 3.15 is the retirement unit listing based upon the WKE Capitalization Guidelines, a copy of which is attached to the Errata filed and dated January 30, 2008.

Exhibit X to the New Participation Agreement, in connection with the July 15, 1998, LG&E Energy Corp. Transaction, defines Capital Assets and Station Two Improvements as those items "that should ordinarily be capitalized in accordance with the RUS Uniform System of Accounts Bulletin 1767B, as such Bulletin may be amended, modified or replaced from time to time (but subject to the Capitalization Guidelines)." Exhibit P of the New Participation Agreement, the Capitalization Guidelines, states that "Company Policy No. 10 of Big Rivers (which is incorporated by reference herein) shall serve to amend and supplement the RUS Uniform System of Accounts Bulletin 1767B for purposes of the Accounting Practices, and for purposes of any determination of whether an expenditure shall be a Capital Asset or Station Two Improvement as contemplated in the Operative Documents; provided, that where a disagreement between the Parties persists, or further interpretation is required, the Parties agree that the following guidelines will be consulted in the order listed:

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST PSC CASE NO. 2007-00455 February 14, 2008

- a. The Big Rivers 20,000 item Continuing Property Record (CPR) file.
- b. RUS Bulletin 181-2.
- c. FERC guidelines.
- d. If an asset is not listed in a, b or c, above, Big Rivers and LG&E will mutually agree on whether an item should be capitalized or expensed or, in the absence of such agreement, the matter shall be referred to dispute resolution pursuant to Article 15 of the Participation Agreement."

Big Rivers' Company Policy No. 10 is attached.

Per Exhibit X, the definition of Accounting Practices "means generally accepted accounting principles applied by companies required to report accounts in accordance with the FERC Uniform System of Accounts, except that accounting for Capital Assets shall be based on the RUS Uniform System of Accounts Bulletin 1767B, as such Bulletin may be amended, modified or replaced from time to time (but subject to the Capitalization Guidelines)."

The April 18, 2000, Amendments to the Operative Documents, page 13, approved by both the RUS and the KPSC, replaced the RUS Uniform System of Accounts Bulletin 1767B with the "WKE Capitalization Guidelines".

Section 1.1.1 of the Alcan Retail Electric Service Agreement defines Accounting Principles as "Generally accepted accounting principles consistently applied or, if generally accepted accounting principles in accordance with the uniform system of accounts of an applicable Governmental Authority or RUS are required, the generally accepted accounting principles consistently applied in accordance with such uniform system of accounts, each as in effect from time to time."

d. A depreciation study is a lengthy and expensive process. Big
Rives was unsure at times if the Unwind Transaction would move forward to completion.
It did not want to utilize its limited resources to complete a study that might not be

Witness)

needed. Therefore, Big Rivers believes it would be prudent to coordinate the study with the anticipated filing of the first general rate adjustment.

C. William Blackburn



COMPANY POLICY

POLICY NUMBER 10

SUBJECT

Capitalization of Expenditures

PAGE

1 of 2

RE-ISSUE DATE

11/30/93

Approved by JH. A ham

SCOPE:

Determining when to capitalize an expenditure to "Electric Plant in Service" account 101.000 as opposed to expense in accordance with REA Bulletin [767 B -]

POLICY:

To be capitalized, an item of property must be covered by one of the following classifications:

- (A) New Retirement Unit
- (B) Retirement Unit Replacement
- (C) Retirement System Addition
- (D) Retirement System Replacement
- (E) New Minor Property Item
- (F) Minor Property Item Replacement with Betterment
- (G) Computer Software and Software Upgrades

RULES:

See the corresponding lettered paragraph below for rules governing each case. Stated dollar values are after consideration of freight, sales tax, discount, etc.

(A) New Retirement Unit

- 1. Cost more than \$1,000 in boiler or turbogenerator plant or \$500 in other accounts, and
- 2. Be readily separable and separately useable, and
- 3. Have an expected useful life of more than one year. Valves that are requisitioned, including those inventoried, which cost more than \$1,000 and are over 2" in size and are not replacements for an existing system are to be capitalized. (System valve replacements are to be charged to maintenance.)

(B) Retirement Unit Replacement

- 1. Cost more than \$1,000 in boiler or turbogenerator plant or \$500 in other accounts, and
- 2. Be a replacement of a similar retirement unit or consist of replacing minor property items that total to more than 50% of the existing retirement unit cost. If the 50% test is met, it is assumed a new retirement unit has been created. Retire 100% of the old unit and recapitalize the salvageable portion along with the new minor property item(s). (The replacement of existing minor property items costing 50% or less of the original retirement unit is to be charged to maintenance.)

(C) Retirement System Addition

- 1. Be an addition to or an expansion of a system, and
- 2. Cost more than \$1,000 in boiler or turbogenerator plant or \$500 in other accounts, and
- 3. Be of permanent nature, and
- 4. Be an integral part of an existing system. (A system is a grouping of generic or interacting items forming a unified whole. Classification as a system is for accounting convenience and enables an efficient and methodical means to account for a grouping of items which are frequently changing as a result of additions and replacements. Classification as a system may be appropriate where specific item identity is difficult to ascertain. Financial Services will make all system determinations. When it is evident that multiple items are purchased on multiple requisitions, possibly on different dates, for the same system project, the capitalization decision shall be based on the total project cost.)



COMPANY POLICY

POLICY NUMBER TO

SUBJECT | Capitalization of Expenditures

PAGE

2 of 2

RE-ISSUE DATE

11/30/93

Approved by

(D) Retirement System Replacement

- 1. Be an integral part of an existing system, and
- 2. Be of permanent nature, and
- 3. Cost more than 50% of the existing retirement system. If the 50% test is met, it is assumed a new retirement system has been created. Retire 100% of the old system and recapitalize the salvageable portion along with the new replacement cost. (Replacement of an existing system costing 50% or less of the original system is to be charged to maintenance.)

(E) New Minor Property Item

- 1. Minor Property item not previously existing, and
- 2. Be of a permanent nature, and
- 3. Cost exceeds 25% of the retirement unit of which it will become a part or \$10,000, the smaller of the two. (Otherwise, the addition of minor property items is to be charged to operations.)

(F) Minor Property Item Replacement with Betterment

- 1. Be of a permanent nature, and
- 2. Result in a substantial betterment with the primary aim of making the property affected more useful, more efficient, more durable, or capable of greater capacity. Capitalize the cost in accordance with the NOTE 1, below.

(G) Computer Software and Software Upgrades

- 1. Capitalize any new software purchase of \$1,000 or more if used with a boiler or turbogenerator computer or \$500 or more if used for any other computer, as long as the new software has a useful life of more than one year.
- 2. Any software upgrade should be capitalized if the cost of the upgrade exceeds 25% of the software which it will become a part or \$10,000, the smaller of the two. The 25% must be \$1,000 or more if used with a boiler or turbogenerator computer or \$500 or more if used for any other computer. The software upgrade must have a life of more than one year.

NOTE 1:

In all cases above except (F), the amount capitalized is governed by standard accounting principles. For (F) above, the amount capitalized is equal to the difference between the cost of the new minor property item and the cost of replacement without betterment at today's prices. The remaining dollars are to be charged to maintenance.

IMPORTANT:

A work order is required when constructing, fabricating, modifying, installing, or removing capital facilities or equipment. See Estimate Construction Work Order procedure number 011.210.08 for details.

Item 34) Refer to the Blackburn Testimony, page 80 through 84 of 130.

 a. Given the complexity of the proposed Purchased Power Account ("PPA"), the need to adjust Smelter rates to avoid double counting, and Big Rivers' apparent willingness to apply the non-Fuel Adjustment Clause ("FAC") PPA to non-Smelter sales, explain in detail why Big Rivers proposed the PPA mechanism including the establishment of regulatory asset and regulatory liability accounts.

- b. Explain how Big Rivers would apply the non-FAC PPA to non-Smelter sales. Include a description of how this charge would be presented in the Unwind Model.
- c. Would the other parties to the Unwind Transaction accept a change to charging the non-FAC PPA to non-Smelter sales rather than establishing regulatory asset and regulatory liability accounts as originally proposed? Explain the response.
- **Response)** a. Big Rivers proposed the PPA mechanism including the establishment of regulatory asset and regulatory liability accounts on the assumption that the Commission would not grant pre-approval of a power purchase rider to Big Rivers' tariff without periodic review.
- b. The non-FAC PPA would be applied to non-Smelter sales in exactly the same way it is applied to the Smelter rates per their contract, allocated on an energy basis.
- c. Big Rivers knows of no party to the Unwind Transaction that would not accept a change to charging the non-FAC PPA to non-Smelter sales rather than establishing regulatory asset and regulatory liability accounts as originally proposed. Such an approach has previously been discussed with the affected parties to the Unwind Transaction.

Witness) C. William Blackburn

For how long does Big Rivers anticipate maintaining the

Provide a schedule showing Big Rivers' marketing of off-system

February 14, 2008

3 |

Item 35) Refer to the Blackburn Testimony, page 85 through 87 of 130.

Transition Reserve Account? Explain how it has reached this determination.

power available for sale and the actual amounts of power actually sold.

b.

future than in near term.

1415.

Response) a. Big Rivers has modeled leaving in place the Transition Reserve Account throughout the entire length of the Smelter contracts. Big Rivers believes this reserve is necessary to ensure an investment grade rating now and maintain that rating in the future. When future projections are made, the further into the future the greater the risk of inaccuracy. Big Rivers believes the risk of a Smelter leaving is greater in the

power during the past 10 years. This schedule should at a minimum show the amount of

February 14, 2008

Witness)

C. William Blackburn

See schedule below. b.

BIG RIVERS ELECTRIC CORPORATION POWER UTILIZED & SOLD 1999-2007

Supply	TOTAL (Less Losses)			Market		
	MWhs	MWhs	Availa	ble	Sales	
	Purchased	Available	MWi	15	MWhs	
1999	4,208,845	5,919,299	2,450,327	7.00	739,873.00	
2000	4,139,354	5,701,881	2,161,001	01	598,474.00	
2001	4,394,422	5,782,319	2,497,997	7.00	1,110,100.00	
2002	4,234,510	5,601,260	2,409,246	5.00	1,042,496.00	
2003	4,560,874	5,684,570	2,632,211	L.83	1,508,516.00	
2004	4,998,660	5,604,761	2,474,757	7.17	1,868,657.00	
2005	5,255,306	5,533,218	2,299,277	7.00	2,021,366.00	
2006	5,250,342	5,497,356	2,309,300	0.00	2,062,286.00	
2007	6,163,592	6,562,630	3,234,825	5.29	2,835,788.95	

Note: This response is relative to the Power Supply Dept. and assumes the following:

- Off-system power sales includes Big Rivers Tier 3 power sales to the Smelters.
- The first full year for off-system sales by the Power Supply Dept was 1999. 2)

Item 36)

Witness)

Refer to the Blackburn Testimony, page 99 and 100 of 130. Provide a description of the factors Big Rivers would evaluate to determine if it is financially reasonable to offer a Member Rebate to customers.

In order to make a rebate to the Non-Smelter members, Big Rivers would Response) consider its financial position and short-term plans. Items to be considered would be cash on hand, economic reserve level, and budgeted and non-budgeted major cash outflows for capital, operations or maintenance.

C. William Blackburn

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Item 37) Refer to the Blackburn Testimony, page 118 of 130. Describe the differences between the RUS Mortgage, the Intercreditor Agreement, and the proposed Indenture. The description should address the conceptual and functional differences between the three financial instruments.

Response) Big Rivers' senior debt is currently secured under a Third Amended and Restated Mortgage and Security Agreement dated as of August 1, 2001 (the "Mortgage") among Big Rivers, the United States of America, acting through the Administrator of the Rural Utilities Service, Ambac Assurance Corporation, National Rural Utilities Cooperative Finance Corporation, U.S. Bank National Association, as trustee for the holders of certain revenue bonds for pollution control facilities, Dexia Bank, as remarketing agent for other revenue bonds for pollution control facilities, five statutory

business trusts holding leasehold interests in Big Rivers' Green and Wilson units (the

Mortgage other than Big Rivers is referred to as a "Mortgagee").

"Equity Investor Trusts"), and Ambac Credits Products, LLC. (Each of the parties to the

In addition to the Mortgage, Big Rivers' senior credit arrangements include the Subordination, Nondisturbance, Attornment and Intercreditor Agreement dated as of August 1, 2001 (the "Existing Intercreditor Agreement"). The Existing Intercreditor Agreement, which was first entered into at the time of Big Rivers' emergence from bankruptcy in 1998 and was amended in 2000 at the time the lease transaction involving the Green and Wilson units was consummated, established certain rights and duties among the three major creditor groups of Big Rivers - the Mortgagees, the subsidiaries of E.ON U.S. LLC having leasehold or mortgage liens in Big Rivers' assets (the "E.ON Parties") and the parties to the lease transaction involving the Green and Wilson units. The Existing Intercreditor Agreement recognizes the prior lien and security interest of the Mortgage, establishes nondisturbance and attornment provisions in favor of the E.ON Parties with respect to the Big Rivers generating facilities, provides for priorities for payment in the event of simultaneous foreclosure of the Mortgage and other

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mortgages in favor of the E.ON Parties, and also includes other agreements among the three classes of creditors. If Big Rivers were to attempt to issue additional obligations secured by the Mortgage, such creditor would have to become a party to the Existing Intercreditor Agreement as well. Together, the Mortgage and the Existing Intercreditor Agreement provide an enormously complex security arrangement for Big Rivers' senior obligations.

The conceptual underpinning of the Mortgage and the Existing Intercreditor Agreement is that the lien and security interest of the Mortgage, the right to determine satisfaction of Mortgage covenants, and the right to declare defaults and exercise remedies under the Mortgage, all run in favor of each Mortgagee. Other than some minor deference to the RUS in several operational covenants in the Mortgage, certain prioritization in the timing of the Mortgagees' right to commence the exercise of remedies under the Mortgage, and the right to release small amounts of property and issue modest amounts of debt without the consent of the Equity Investor Trusts, all other rights under the Mortgage vest in each Mortgagee equally. Most of the operational covenants in the Mortgage appear as affirmative or negative covenants with no provision for modification or waiver, even by specified amounts of noteholders. Furthermore, the covenants in the Mortgage were incorporated at the time of Big Rivers' emergence from bankruptcy in 1998 and were not formulated from the standpoint of a cooperative that would have significant operational responsibilities for generating facilities, and resultant capital needs, in the foreseeable future. The fundamental functional difficulty with the existing arrangements under the Mortgage and the Existing Intercreditor Agreement is obvious – it is a closed end mortgage which does not provide a useful vehicle for issuing additional indebtedness in the future. This limits Big Rivers' ability to raise capital in the future to either subordinated indebtedness or unsecured indebtedness, neither being an economic source of future financing. This situation also gives enormous control over the

operations of Big Rivers to its creditors. Indeed the Mortgage includes no provision for

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action by majority or other noteholder levels. For the type of entity Big Rivers will be after the unwind of the E.ON arrangements, this situation is clearly untenable.

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The form of Indenture which Big Rivers has presented to its creditors proceeds upon a fundamentally different conceptual and functional basis and is designed to ameliorate many of the difficulties with the Mortgage and Existing Intercreditor Agreement identified above. The Indenture, unlike the Mortgage, will secure all obligations issued thereunder equally and ratably. Additional indebtedness may be issued by satisfaction of certain objective tests rather than only with the consent of the Mortgagees. Additional obligations may be issued upon the basis of additions to property subject to the lien of the Indenture, upon the basis of the retirement or defeasance or principal payments of obligations outstanding under the Indenture and upon the basis of certain types of securities or cash deposited with the trustee under the Indenture as security thereunder. Property may be released from the lien of the Indenture through the satisfaction of objective tests rather than only with the consent of the Mortgagees. The Indenture will, like the Mortgage, include covenants dealing with such matters as mergers, consolidations or sales of substantially all of Big Rivers' property, maintenance of the lien of the Indenture, the limitation of liens which might be placed on property subject to the Indenture, insurance of Big Rivers' assets, the operation and maintenance of the assets subject to the lien of the Indenture, investments by Big Rivers, the maintenance of books and records, and distributions to members and others. The covenants in the Indenture are covenants which Big Rivers believes it can comply with while operating and maintaining the electric facilities for which it will reacquire operational responsibility in the manner most beneficial to its members and its members' consumers. The trustee under the Indenture will be vested with the ability to consent to 29 certain amendments to the Indenture and most directions to the trustee under the Indenture for amendments which do require the consent of bondholders will require the 30 consent of a majority in principal amount of obligations outstanding thereunder. The

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form of Indenture Big Rivers has distributed to its creditors was not created from whole

February 14, 2008

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Witness)

 cloth. In all respects, it is very similar, indeed, in most cases virtually identical, to other indentures executed by other electric generation and transmission cooperatives. They include Basin Electric Power Cooperative, Alabama Electric Cooperative, Oglethorpe Power Corporation, Associated Power Cooperative and Old Dominion Electric Cooperative.

In connection with the execution and delivery of the Indenture, a new intercreditor agreement will be executed among Big Rivers, the trustee under the Indenture and the parties to the lease financing of the Green and Wilson units (the "New Intercreditor Agreement"). Since the E.ON Parties will not have leasehold or mortgage interests in any of Big Rivers' assets, they will not be parties to the New Intercreditor Agreement nor will those provisions designed to protect the E.ON Parties' interests in those assets be included (e.g., subordination and attornment provisions). Most of the other provision of the Existing Intercreditor Agreement relating to the interests of the Mortgagees (represented by the trustee under the Indenture) and the parties to the leases of the Green and Wilson units will be incorporated in the New Intercreditor Agreement.

C. William Blackburn

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4	Item 38)	Refer to the Application, Exhibit 12. On page 14 of Big Rivers states that
5	offers of emp	ployment will be made to all WKEC employees whose normal location is
6	Henderson or	at one of the generating plants. Explain whether any WKEC employees
7	that currently	perform their duties at locations other than Henderson, or at one of the
8	generating pl	ants. If there are employees working at other locations, provide the
9	following inf	formation for each employee:
10		
11		a. The name of the employee.
12		b. The job title of the employee.
13	•	c. The current work location of the employee.
14		d. Whether the employee is to be retained by Big Rivers.
15		e. If the employee is not to be retained, explain whether the work is
16		to be outsourced, or is to be performed by an existing employee
17	of Big Rivers	S
18		
19	Response)	There are no regular full-time WKEC employees other than those in
.20	Henderson a	nd at the plants.
21		
22	Witness)	David A. Spainhoward
23	}	
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Refer to the Application, Exhibit 18, the Direct Testimony of David A.

The current status of the Henderson Station Two issues is that Big Rivers

February 14, 2008

and the E.ON entities do not yet have an agreement with HMP&L and the City of

David A. Spainhoward

Henderson to early termination of the Station Two Agreement. Please see the response to

Item 39) Spainhoward ("Spainhoward Testimony"), pages 5 through 10 of 48. What is the current status of the Henderson Station Two issues?

Response)

AG Item 107.

Witness)

Item 39 Page 1 of 1

Refer to the Spainhoward Testimony, page 13 of 48. Explain why Big

February 14, 2008

Item 40) Rivers believes it is necessary to add language to the Members' power factor calculation.

Witness)

Response) The proposed language is only clarifying language. Although the existing tariff anticipates the possibility of assessing a power factor penalty as can be seen in the current billing form (line item called P/F Penalty), the tariff is not clear how the penalty should be calculated and assessed. The intent of the proposed change is to eliminate this ambiguity.

David A. Spainhoward

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32 33 **Item 41)** Refer to the Spainhoward Testimony, page 17 of 48. Are the changes to the capacity resource avoided costs and purchased power options based on Big Rivers' actual avoided costs or do they reflect the Unwind Transaction negotiations? Explain the response.

Currently, Big Rivers' Members have only one cogeneration or small Response) power production customer (Domtar). No changes are anticipated to the Domtar agreement as a result of the Unwind Transaction. In the event new customers indicate an interest, Big Rivers has revised its sales and purchase tariffs for cogeneration and small power production customers with capacity over 100 kW to accommodate those interests. In order to receive either sales or purchase service, a cogeneration or small power production customer must enter into a service agreement with Big Rivers' Members and Big Rivers. The service agreement will specify all terms and conditions for service consistent with the provisions of the applicable tariff. When Big Rivers purchases power from a cogeneration or small power production customer, those purchases will be made at the then applicable avoided capacity and energy costs. Presently, Big Rivers' avoided capacity cost is zero and its avoided energy cost will be its actual avoided cost. Thus, the rates for sales to cogeneration and small power production customers are based on currently effective rates as established in the Unwind Transaction, and the rates for purchases from cogeneration and small power production customers will be based on Big Rivers' avoided capacity and energy costs at the time of the purchases.

Witness) David A. Spainhoward

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4	Item 42)	Refe	er to the Spainhoward Testimony, page 33 of 48.
5	1		
6		a.	Indicate when Big Rivers expects to complete its development of a
7	"more compi	rehensi	ive and more global environmental compliance plan".
8			
9		b.	When does Big Rivers anticipate it would file an application to
10	seek Commi	ssion a	approval of this environmental compliance plan and to amend its
11	environment	al surc	harge mechanism? Explain the response.
12			
13	Response)	a.	Big Rivers expects to complete its development of a "more
14	comprehensi	ve and	more global environmental compliance plan" in 2008.
15	3		
16		b.	Big Rivers does not anticipate amending its environmental
17	surcharge m	echani	sm or the three programs therein. Therefore, Big Rivers does not
18	_	-	application to seek Commission approval of this more comprehensive
19	and more glo	obal en	vironmental compliance plan. This more comprehensive plan does
20	not change of	r conti	radict the environmental compliance plan filed with the Application or
21	1	-	described to be included in the environmental surcharge mechanism.
22	It simply tak	es a m	ore global and comprehensive view of environmental issues facing
23	Big Rivers o	ver a l	ong period of time.
24			
25	Witness)	Dav	rid A. Spainhoward
26			
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BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

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Item 43)

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it will sell.

the year.

it will purchase.

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Provide an analysis of Big Rivers' SO₂ emission allowance a. inventory. This analysis should cover the years 2008 through 2023 and include the following information for each year of the analysis.

Refer to the Spainhoward Testimony, page 40 of 48.

- (1) Total SO₂ emission allowances in inventory as of the beginning of the year.
- (2)Total SO₂ emission allowances received from the Environmental Protection Agency ("EPA").
- (3) Total SO₂ emission allowances surrendered to EPA to cover emissions.
 - (4) Number of SO₂ emission allowances Big Rivers anticipates
 - Number of SO₂ emission allowances Big Rivers anticipates (5)
 - (6) Total SO₂ emission allowances in inventory as of the end of
- b. Mr. Spainhoward states that during the period from 2008 through 2012 Big Rivers plans to sell any excess SO₂ emission allowances and use the revenues from these sales to reduce the level of the environmental surcharge. The Unwind Model shows that beginning in 2015 Big Rivers expects its SO₂ emissions to exceed its allocation of emission allowances. In light of this situation and the fact that SO₂

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emission allowances can be banked, explain in detail why Big Rivers believes that its proposal to sell excess allowances over the next 4 years is reasonable.

c. Assume for purposes of this question that the Commission required Big Rivers to bank its excess SO₂ emission allowances during 2008 through 2012 rather than allowing the allowances to be sold. Explain in detail the effect of such a requirement on the Unwind Transaction.

Response)

- a. Please see the attached analysis of Big Rivers' SO₂ emission allowance inventory for the years 2008 through 2023.
- b. The allowance price forecasts Big Rivers has received from Global Insight indicates it to be better to sell allowances early when allowance prices are higher. Allowance prices later are projected to be lower when Big Rivers is projected to be purchasing allowances. As future allowance prices change Big Rivers would revisit this strategy accordingly and make its buy, bank or sell decisions based on economics at the time. Additionally, Big Rivers receives 14,000 allowances from E.ON which will be banked. The financial model indicates that the 14,000 SO₂ allowances remain in the bank through 2023. Those allowances serve as a reserve to mitigate risk from both a price and usage standpoint. The 14,000 banked allowances represent about 1/3 of the emissions projected for 2010 and approximately 1/4 of the projected emissions for 2015.
- c. Please see the attached analysis of Big Rivers banking all excess allowances from 2008 thru 2012, then selling down that bank to an approximate zero balance by the end of 2023. Comparing the revenue/cost stream from this analysis to the base case analysis shows a better net present value from selling the excess allowances in the early years equal to approximately \$40 million, even when holding the original 14,000 allowances in inventory. Much of this impact is due to the fact that market value

Witness)

mitigated increases in 2010 and 2015. In terms of impact on the environmental surcharge under current projections of SO_2 allowance prices, banking the allowances adds approximately \$0.20 MWh over the period 2008 to 2023, on average, with increases of \$1.75 and \$2.09 per MWh in 2008 and 2009, respectively.

of each allowance is projected to diminish as the ratio of SO₂ allowances to tons

David A. Spainhoward

Robert S. Mudge

Emissions Allowance Costs		PV/ Avg. Trans.	2008	2009	2010	2011	2012	2013	2014	2016	2016	2017	2018	2019	2020	2021	2022	2023
SO2 (tons)																		٠
Tons Emitted Total Emitted less: Attributed to HMPL Total	Portfolio Report, line 19 Portfolio Report, 30% line 24		14,849 (817) 14,032	20,077 (1,281) (18,797	21,157 (1,275) 19,882	20,054	20,575 (1,218) 19,356	19,581 (1,284) 18,296	20,601 (1,284) 19,317	20,336	20,806	19,359	20,823	19,986	20,516 (1,160) 19,356	20,501	20,755	20,354
Allocation (Tons) Total Allowances (Tons Covered) less: Attributed to HMPL Total	Portfolio Report, line 22 divided by CAIR Multiplier Portfolio Report, 30 % line 26 divided by CAIR Multiplier	tiplier	34,991 (2,339) 32,653	52,487 (3,508) 48,979	26,244 (1,754) 24,489	26,244 (1,754) 24,489	26,244 (1,754) 24,489	26,244 (1,754) 24,469	26,244 (1,754) 24,489	18,352	18,352	18,352	18,352	18,352	18,352 (1,227) 17,125	18,352	18,352	18,352
Excess	line 8 minus line 13		(18,621)	(30,182)	(4,608)	(5,666)	(5,133)	(6,193)	(5,173)	1,984	2,454	1,007	2,470	1,634	2,230	2,148	2,403	2,002
inventory.		The state of the s																
Allowances Basis Allowances/ Ton	-	1.00	0 1.00	1.00	2.00	2.00	2.00	2.00	2,00	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86
Base Casa BB			- 14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000
Contributions Excess Purchased Sold		14,000					10,266	12,386		(5,674) 5,674	7,017)	(2,880) 2,880						(5,725) 5,725
E8	The state of the s	14,000	14,000	14,000	14,000	4,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000
Banked BB			. 14,000	32,621	62,803	72,018	83,350	93,616	93,616	93,616	83,442	71,925	64,544	52,979	43,805	32,927	22,282	10,911
Contributions Excess Purchased Sold		14,000			9,216	11,332			10,345	(5,674)	(7,017)	(2,880) - (4,500)						(5,725) (4,500)
ШВ		14,000	0 32,621	62,803	72,018	83,350	93,616	93,616	93,616	83,442	71,925	64,544	52,979	43,805	32,927	22,282	10,911	687
impact on Environmental Surcharge	THE PROPERTY OF THE PROPERTY O	, contraction of the same of t																
Allowances Basis SO2 Allowances (\$/atlowance) Base Case Banked Delta	Portfolio Report, line 18, column D	49,279 9,017 40,263	14,487	853 25,743 25,743	'	1	'	,	393 4,070 4,070	317 (1,799) 1,427 (3,226)	, ,	216 (623) 973 (1,596)	125 (882) 562 (1,444)	ا ما ما	48 (305) 215 (520)	47 (289) 212 (501)	_ '_	37 (209) 165 (374)
MWh Sales			8,283	Ψ.	¥	₩	12,288	12,348	12,407	12,446	12,521	12,429	12,591		12,533	12,641		12,783
\$1 MWh		0.21	1.75	2.09	0.32	0.38	0.33		1	(0.26)	(0.24)	(0.13)	(0.11)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)
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4	Item 44)	Refe	to the	Application, Exhibit 20, the Smelter Agreements.
5				
6	4,1	a.	Refer	r to the Alcan and Century Retail Electric Service Agreements
7	("Smelter Re	etail Ag	reement	ts"), Section 5.5 – Release and Indemnification, part (b).
8	Explain the	reason a	ınd purp	oose for this section of the Retail Agreements, specifically
9	why Kenerg	y should	d provid	de a power-of-attorney to either Alcan or Century.
10				
11		b.	Refe	r to the Smelter Retail Agreements, Section 13.1.2.
12				
13			(1)	Provide the Kenergy Retail Fee from Alcan and from
14	Century.			
15				
16			(2)	Explain why it is reasonable that the Kenergy Retail Fee is
17	fixed for a p	eriod of	10 year	rs.
18			٠	
19		c.	Refe	r to the Smelter Retail Agreements, Section 13.3.
20				
21			(1)	Do the parent companies of Alcan and Century currently
22	have investr	nent rat	ings at t	the levels required in this section?
23				
24			(2)	If no, have either Alcan or Century initiated the process of
25	securing the	require	d letters	s of credit? Explain the response.
26		٠		
27			(3)	What is the status of the Alcan Guarantee and the Century
28	Guarantee?			
29		•	yra /4	
30	40.44.77	d.		er to the Century Retail Agreement, Sections 13.4.1 through
31	13.4.4. Exp	olain wh	y Alcan	is referenced in these sections instead of Century.
32				

 e. Refer to the Smelter Retail Agreement, Exhibit A. Using the information contained in the Unwind Model for calendar year 2009, provide completed versions of Exhibit A for both Alcan and Century.

- f. Refer to the Alcan and Century Wholesale Electric Service Agreements ("Smelter Wholesale Agreements"), Section 1.1.112 TIER. Explain why the definition of TIER does not reflect the detail that has been included in the Unwind Model.
- g. Refer to the Smelter Wholesale Agreements, Section 13.4.1. Provide the referenced Appendix B.
- h. Refer to the Alcan and Century Coordination Agreements ("Coordination Agreements"), Section 3.3. Explain the nature and purpose of the Assurances Agreement payments.
- i. Refer to the Coordination Agreements, Section 3.10. Given the terms and conditions in this section, will Big Rivers still be able to perform a depreciation study by 2010 whose results are not predetermined? Explain the response.
- Response) a. Due to the structure of the Smelter arrangements, if Big Rivers fails to perform its obligations to Kenergy, Kenergy likely would be unable to perform its obligations to the related Smelter. The Smelter Retail Agreements and the Smelter Wholesale Agreements are intentionally structured in a manner intended to (1) decrease the likelihood of unnecessarily involving Kenergy in disputes in these circumstances, and (2) permit Kenergy to avoid the related dedication of resources, monetary and otherwise, which would be required in connection with pursuing a claim or supporting a Smelters pursuit of a claim against Big Rivers in these circumstances. The power-of-attorney is limited to matters relating to pursuing claims against Big Rivers as a result

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of the failure of Big Rivers to perform obligations under the related wholesale agreement.

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b. (1) Current Retail Fee –
\$2,614.00 per month, plus
\$.000045 per kWh

(2)The currently effective retail fee component of Kenergy's rate to the Smelters was approved by the Commission in Case No. 2004-00446. It produces approximately \$391,000 per year as compared to annual Smelter revenues which are projected to exceed \$250,000,000 per year. The current retail fee reflects a series of reductions ordered by the Commission in several recent cases, the last being Case No. 2004-00446. In spite of its relative insignificance in terms of Kenergy's total Smelter revenue, the retail fee the Smelters pay is routinely contested by the Smelters when Kenergy files a rate case with the PSC, and history leads Kenergy to believe that the Smelters would intervene in future rate cases requesting further reductions to the retail fee. During negotiations, Kenergy recognized an opportunity to resolve the retail adder issue for an extended period of time and negotiated the 10 year freeze as part of the deal, thereby preserving the current fee. By removing this historically contested issue from future rate cases during the 10 year freeze, Kenergy will save money for its members by avoiding the regulatory costs associated with each challenge that could otherwise be made by the Smelters.

- c. (1) Big Rivers understands that neither such parent company has a credit rating at the level required by this section.
- (2) Big Rivers understands that the parent company of Alcan believes it will obtain a rating from Standard & Poor's at the level required by this section prior to the Effective Date. Big Rivers has no information as to whether the parent company of Century has initiated the process of securing a letter of credit.

 (3) Big Rivers' counsel has prepared a draft of the parent guarantee of Alcan Corporation and Century Aluminum Company both of which currently are reviewing the draft.

d. References to Alcan in Section 13.4 of the Century Retail Agreement are scrivener's errors and should be instead referring to Century.

- e. The Exhibits A filed by Big Rivers with the Commission on January 30, 2008 is based on information contained in the Unwind Model for calendar year 2009.
- f. The Unwind Model reflects the definition of TIER in Section 1.1.112. The detail included in the Unwind Model is a consequence of Accounting Requirements as that term is defined in Section 1.1.1.
- g. Appendix B was filed by Big Rivers with the Commission on January 30, 2008.
- h. The Assurances Agreements, dated as of July 15, 1998, between a Smelter and LG&E Energy Marketing Inc. ("LEM") provide for the making of monthly payments to the Smelters during the term of LEM service obligations to Kenergy with respect to service to the Smelters. Section 3.3 of the Coordination Agreements simply compensates the Smelters for amounts they otherwise would have received but for the consummation of the Unwind Transaction.
- i. Yes. Big Rivers agreed not to initiate a request to a Governmental Authority for changes to its depreciation rates which would cause its weighted average depreciation rates to exceed the level referenced in Section 3.10. The Coordination Agreement does not restrict Big Rivers' ability to initiate or perform a depreciation study

or dictate the results of any such study. The Section also makes clear that Big Rivers

depreciation rates in excess of the level referenced in Section 3.10 in the circumstances

does not breach its obligations under the Coordination Agreement in implementing

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Witness)

C. William Blackburn

described in clauses (1), (2) or (3).

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BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

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Item 45) Refer to the Application, Exhibit 25, the Direct Testimony of William Steven Seelye ("Seelye Testimony"), pages 6 and 7 of 34. Big Rivers states that the initial value of the Economic Reserve is expected to be \$75 million, although Big Rivers is able to add to this amount of closing. Clarify the statement "although Big Rivers is able to add to this amount at closing".

a. Does Big Rivers expect the Economic Reserve to be greater than \$75 million? If yes, can Big Rivers estimate the anticipated value of the Economic Reserve?

b. If Big Rivers expects the Economic Reserve to be greater than \$75 million, explain the factors that determine whether the Economic Reserve will be greater than \$75 million.

Response) No. Big Rivers does not expect to increase the Economic Reserve above the \$75,000,000 level. As part of the negotiations, Big Rivers negotiated with the Smelters the right of Big Rivers to increase the Economic Reserve above the \$75,000,000 if Big Rivers' cash position, after a \$200 million prepayment, was above \$160 million.

Witness) C. William Blackburn

Item 45 Page 1 of 1

BIG RIVERS ELECTRIC CORPORATION'S RESPONSE TO THE COMMISSION STAFF'S FIRST DATA REQUEST

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Item 46) Refer to the Seelye Testimony, page 13 of 34. Big Rivers states that it is "proposing a base fuel cost representative of its 2007 fuel cost, as was projected in 2004". Explain why the base fuel cost is based upon projections from 2004, rather than upon actual fuel costs experienced by WKEC. Also provide a comparison of Big Rivers' proposed base fuel cost and the current actual fuel cost experienced by WKEC.

Response) The base fuel cost is an integral part of the negotiations among Big Rivers, its Members, and the Smelters. The negotiated base fuel cost drives the Unwind Transaction and cannot be changed without affecting the other terms of the transaction and the economics of the Unwind.

During the development of the financial model, Big Rivers realized it needed to negotiate a base fuel cost. Having the base fuel cost established allowed all parties during the negotiations to monitor the financial model as changes occurred, as well as the impact of increasing expenses on future general rate adjustments.

Changes to fuel price projections were easier to track with a base fuel cost established. Big Rivers is expecting to return to the same procedural schedule as other utilities in the Commonwealth for its FAC six-month and two-year review. It will be during the normal two-year review cycle that the FAC basis is adjusted along with the energy rate in Big Rivers' tariff.

Big Rivers' fuel base is \$10.72 per MWh and the average actual fuel burn of WKEC for 2007 was \$10.72 per MWh.

Witness) C. William Blackburn

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Item 47) Refer to the Seelye Testimony, page 18 of 34. Big Rivers proposes that the monthly unit environmental costs to be used in the environmental surcharge for the first two or three months reflect estimates utilized in the Unwind Model rather than actual costs. Explain why the actual applicable environmental costs are not available.

Response) Big Rivers proposes to implement the Environmental Surcharge immediately after the Unwind takes place. Because the Environmental Surcharge will be determined based on expenses one to three months earlier, Big River will not have any actual cost experience upon which to determine the monthly surcharge for the first two to three months. For actual expenses to be used, Big Rivers would have to utilize expenses incurred by WKEC to determine the Environmental Surcharge for the first two to three months. Big Rivers would not be opposed to using WKEC expenses for the first two to three months if the Commission determines that this approach is more appropriate.

Witness) William Steven Seelye

Witness)

Refer to the Seelye Testimony, Exhibit WSS-7, page 2 of 5. If the Item 48) gypsum facilities at Coleman are being removed, explain how Big Rivers will be able to make sales of the gypsum byproduct, as shown in this exhibit.

Big Rivers is not sure what is meant by "the gypsum facilities at Coleman Response) are being removed". It is the gypsum facilities at Green that are being removed, not the gypsum facilities at Coleman. See Exhibit 3, page 66 of 622. The gypsum facility at Green is not being utilized. It was a pilot program being tested by WKEC and a vendor and is being removed. Please also see Big Rivers' response to the PSC's initial request Item 1.f.

David A. Spainhoward

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February 14, 2008

Response)

Witness)

WKEC requested and was subsequently granted confidential protection for Item 49) fuel and fuel-related contracts until the Unwind Transaction is complete and the contracts are assumed by Big Rivers. Is it Big Rivers understanding that if the contracts are assumed by Big Rivers, and Big Rivers' proposal to adopt a fuel adjustment clause is approved, the contracts will then be subject to public disclosure?

Yes, subject to the confidentiality claims of the vendors.

C. William Blackburn

Explain whether all of WKEC's coal contracts are assignable to Big

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Item 50)

 Witness)

 Rivers and whether Big Rivers intends to assume all of the contracts. If the contracts are assignable, explain whether Big Rivers expects additional costs to be incurred if the contracts are assigned to Big Rivers.

Response) All of WKEC's coal, reagent, petroleum coke, and transportation

agreements appear to be assignable. At this time, based upon review of the current various supply agreements by Big Rivers' personnel and external consultant (Wood Mackenzie / Hill & Associates), Big Rivers intends to assume all of the contracts. Further, based upon evaluation of the current contracts by Big Rivers and its external legal counsel (Orrick), it does not appear at this time that Big Rivers will incur any additional costs in assuming the agreements.

C. William Blackburn

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February 14, 2008

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Item 51) Provide the final due diligence report on the physical condition of the Big

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Rivers generating units. A final due diligence report does not exist. However, Big Rivers has Response)

monitored the plants' condition for approximately 10 years. Stanley Consultants have been performing annual reviews for several years. Those reports are included in the attached CDs. Under the Termination Agreement, Big Rivers is not required to close unless, in its sole reasonable judgment, the generating units are in good condition and state of repair, ordinary wear and tear excepted, consistent with Prudent Utility Practice. On a continuing basis, Big Rivers has had one or two full-time employees monitoring plant operations as well as NERC Generating Availability Data. Big Rivers currently has a full-time individual (one employee and two consultants) stationed at each plant performing due diligence by monitoring maintenance and operations in preparation for the Transaction Closing. Big Rivers has monitored the budgeting process and very closely assesses capital and O&M expenditures. If the generating units are in good condition and state of repair at closing, and the other closing conditions are met, Big Rivers will proceed with the closing.

Witness)

Mark A. Bailey

		COMMISSION STAFF STIRST DATA REQUEST
1		PSC CASE NO. 2007-00455 February 14, 2008
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4	Item 52)	Refer to the Unwind Model, page 4 of 37.
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6		a. Explain why no rates are shown in columns 2007 and 2008H1 for
7	the Smelters.	
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9		b. Explain the derivation and provide supporting documentation of
10	the prices sho	wn on line 99, labeled "Market", for each year 2007 through 2023.
11		
12	Response)	a. The Smelter rate data on page 4 of 37 is intended to reflect only
13	Smelter sales	s in connection with agreements entered into as part of the Unwind
14		Accordingly, the rate data is shown starting in 2008H2. Pricing for Tier 3
15	sales to the S	melters prior to the Unwind Transaction are subsumed in the Market Rate
16	on line 99.	
17		
18		b. As referenced on page 12 of the Mudge Testimony, off system
19		s are based on off system sales determined in the Henwood Model—which
20	! 	e Production Cost Model prepared by ACES Power Marketing ("APM").
21		ricity prices are derived from assumptions about fuel prices, competing
22	resources, tra	nsmission constraints, and other items included in the Henwood Model.
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24] }	
25	Witness)	C. William Blackburn
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PSC CASE NO. 2007-00455 February 14, 2008

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 Witness)

Item 53) In Case No. 2007-00177,² Big Rivers estimated that it would cost \$4.7 million to construct 13.2 miles of 161 kV transmission line needed to export 850 MW of power in the event that the unwind transaction is completed and both of the smelters elect to terminate their power contracts after 2010. Provide an updated estimate of the total cost of the transmission line.

Response) The estimate of the total cost of the 13.2 mile 161 kV transmission line remains \$4.7 million.

David A. Spainhoward

February 14, 2008

Witness)

 Item 54) Refer to the Unwind Model, page 6 of 37. Line 141 shows transmission upgrades of \$3.7 million in 2008, \$6.0 million in 2009, and \$1.7 million in 2010. State the amount of each of these three annual expenditures that is directly related to the transmission project approved in Case No. 2007-00177. For each portion of the annual expenditures that are not attributable to that transmission project, explain in detail the nature of the project, the location of any new facilities, and the length and voltage of any transmission line, if any.

Response) The transmission line project approved in Case No. 2007-00177 makes up \$2.7 million in 2008 and \$2.0 million in 2009 expenditures. The remaining \$1.0 million in expenditures in 2008 are for substation terminal work at Wilson associated with the line. An additional \$1.7 million in 2009 expenditures is for the substation terminal work at Wilson and upgrades to Big Rivers' existing TVA Paradise substation line termination. The remaining \$2.1 million expenditure in 2009 and the entire \$1.7 million expenditure in 2010 are for existing 161 kV transmission line upgrades; all are re-conductoring projects. The total length of lines earmarked to have new conductors is 17 miles.

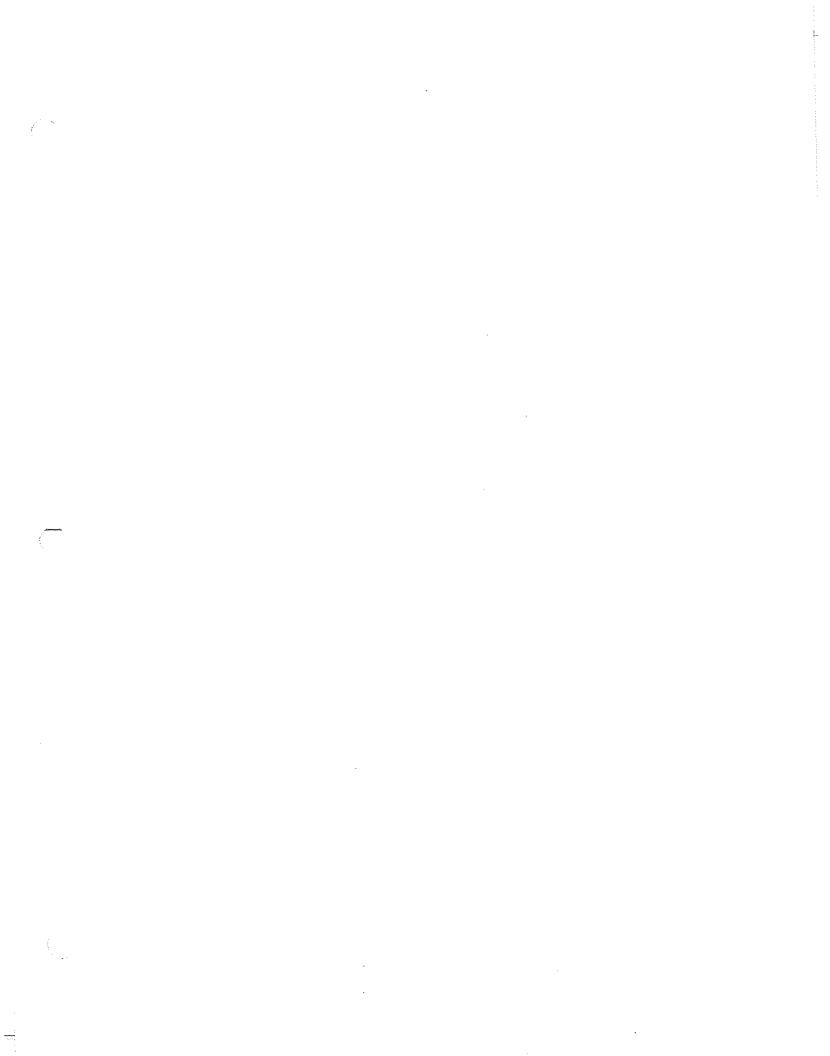
David A. Spainhoward

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Item 55) Refer to the Blackburn Testimony, pages 107-110. If the transmission facilities conditionally authorized in Case. 2007-00177 will be needed only if the power supply obligations for the smelters are shifted to Big Rivers, explain in detail whether or not the total cost of these transmission facilities will be paid for by the smelters.

Response) Assuming the Unwind Transaction is completed and both Smelters were to shut down operations, Big Rivers will need additional transmission capacity to move surplus energy to the regional wholesale markets. While the Smelters are not making a direct cash contribution to the transmission capacity, they are making a significant financial contribution to the Unwind. When Big Rivers files for an adjustment in rates in the future, the expenses associated with the transmission expansion will be included and shared between the Smelters, Non-Smelters and Third party users of Big Rivers' transmission system. See Blackburn Testimony, Exhibit 10, pages 109-10.

Witness) C. William Blackburn



February 14, 2008

Item 56) The proposed smelter rate contracts include a number of provisions that will allow each smelter to reduce its load and have that power sold off-system to the smelter's credit. Will the credit for such power sold off-system be offset by a specific charge to recover the cost of the transmission facilities approved in Case No. 2007-00177?

- a. If yes, explain in detail the amount of the offset attributable to the cost of the transmission facilities and provide specific references to where in the application this offset is discussed.
- b. If no, explain in detail why the costs of the transmission facilities are not proposed to be recovered through such an offset.

Response) Bundled within the large industrial rates is a revenue component sufficient to cover the open access transmission tariff. Since the Smelters are always billed at the Base Rate, they are paying for rights to use the transmission system. Contract provisions that allow revenue from sales to be credited to the Smelters are always net of the charges the Smelters would have paid if they consumed the power internally.

Witness) C. William Blackburn

February 14, 2008

Item 57) Explain whether or not Big Rivers considered requiring the smelters to pay, by December 31, 2010, the full cost of the transmission facilities authorized in Case No. 2007-00177, with some portion of that cost credited back to the smelters in each year that they remain in operation between 2011 and the expiration date of their rate contracts in 2023?

Response) Yes. Big Rivers did consider charging the Smelters with the phase two transmission cost and providing a credit back to the Smelters over the life of the contract. Big Rivers decided this method of dealing with the additional transmission cost would provide a platform for the Smelters to negotiate for a portion of future off-system sales, if they were to exit before the expiration of their contract. If a Smelter terminates its contract early, Big Rivers will take the surplus energy to the market and apply the additional revenue that it receives above the Smelter contract price to offset future rate increases to its Members.

It is impossible to look at only one aspect of the Smelter Agreements and decide if a different approach should have been taken. The entire agreements must be viewed as a whole.

Witness) C. William Blackburn