



Control Number: 29526



Item Number: 955

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**PUC DOCKET NO . 29526
SOAH DOCKET NO. 473-04-4555**

**APPLICATION OF CENTERPOINT
ENERGY HOUSTON ELECTRIC, LLC,
TEXAS GENCO, LP, AND RELIANT
ENERGY RETAIL SERVICES, LLC TO
DETERMINE STRANDED COSTS AND
OTHER BALANCES.**

**BEFORE THE
PUBLIC UTILITY COMMISSION
OF TEXAS**

Contact: Andy Machtemes

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May 21, 2004

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Request No: PUC4-40

CENTERPOINT ENERGY, INCORPORATED

PUC DOCKET NO. 29526

SOAH DOCKET NO. 473-04-4555

PUBLIC UTILITY COMMISSION

- Q. Please provide the following information for the Powder River Basin coal contract(s) now in effect for the Limestone Generating Station?
- 1) Date contract(s) became effective.
 - 2) Date contract(s) will terminate.
 - 3) Minimum amount that is required to be delivered under the terms of the contract both on monthly, annual, and life of contract bases.
 - 4) Maximum amount of lignite that can be purchased on a monthly, annual, and life of contract bases.
 - 5) Terms in the contract which outline how the contract can be extended.
- A. Please see COH4-2 for a copy of the Powder River Basin Coal supply contract.
- 1). January 1, 2004
 - 2). December 31, 2004
 - 3). 2.6 million tons per year or 216,667 tons per month
 - 4). The Powder River Basin Coal contract places no limits on the amount of lignite that can be purchased.
 - 5). Not applicable (one year agreement)

Sponsor: Joseph M. Price

Attachments: None

Request No: PUC4-41

CENTERPOINT ENERGY, INCORPORATED

PUC DOCKET NO. 29526

SOAH DOCKET NO. 473-04-4555

PUBLIC UTILITY COMMISSION

Q. What is the projected annual capacity factor for Units 1 & 2 of the Limestone Generating Station for the calendar years 2004 to 2015?

A. Please see our response to GCCC 2-23 for the projected annual capacity factors for the Limestone Generating Station for the calendar years 2004 - 2008. *For your convenience, we are providing a copy of that attachment with this response. Note that our modeling provides only five years worth of data.*

Non-confidential responsive documents, if any, are attached to this response. Protected Materials and Highly Sensitive Protected Materials are being provided to you separately under seal pursuant to the Protective Order in Docket No. 29526.

Sponsor: David G. Tees

Attachments: Attachment 1 PUC 4-41 Net Capacity Factors RF2003_3 A1 PHR Scenario dated 9-18-03.xls

TEXAS GENCO
2003-3 BASELINE A1 - PHR SCENARIO DATED 9-18-13
9/23/2003

Plant / Unit	NET CAPACITY FACTOR (based on NDC's w/SCR derates)					
	2003F	2004	2005	2006	2007	2008
PHR 1	16.8%	0.0%	9.4%	7.9%	9.5%	10.0%
PHR 2	13.5%	0.0%	10.2%	8.8%	10.3%	10.8%
PHR 3	0.0%	0.0%	8.3%	1.1%	10.5%	11.2%
PHR 4	10.7%	0.0%	10.4%	8.7%	9.2%	11.0%
Total PHR	9.9%	0.0%	9.6%	6.6%	9.8%	10.8%
CBY 1	13.8%	9.9%	12.0%	7.3%	10.4%	15.9%
CBY 2	20.9%	9.8%	12.5%	7.8%	12.8%	12.8%
CBY 3	24.0%	11.7%	11.4%	9.1%	16.0%	15.5%
Total CBY	19.6%	10.5%	12.0%	8.0%	12.9%	14.7%
WAPG 1	6.1%	7.1%	6.4%	6.2%	8.5%	9.5%
WAPG 2	5.3%	6.9%	8.3%	6.2%	8.5%	9.4%
WAPG 3	11.3%	6.4%	7.4%	5.2%	7.6%	8.8%
WAPG 4	19.7%	13.1%	15.2%	10.6%	11.9%	15.8%
WAPG GT 21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total WAPG	13.6%	9.7%	11.1%	8.0%	9.8%	12.1%
THW 2	4.0%	5.2%	7.2%	4.9%	7.0%	7.7%
THW 3 CC	30.5%	22.9%	22.2%	21.1%	24.2%	23.6%
THW 4 CC	26.6%	21.8%	20.8%	20.3%	23.0%	22.0%
THW 50's	2.7%	2.2%	3.3%	1.7%	3.1%	3.7%
THW 21 GT	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total THW	16.8%	13.5%	13.7%	12.5%	14.8%	14.7%
GBY 5	7.0%	7.8%	9.1%	6.7%	9.4%	10.0%
GBY GT'S	1.2%	1.2%	2.0%	1.1%	1.9%	2.3%
Total GBY	4.3%	4.8%	5.8%	4.1%	5.9%	6.4%
HOC GT's	0.2%	0.7%	1.2%	0.9%	1.1%	1.4%
DWP 7	4.5%	4.1%	4.6%	4.0%	4.7%	4.9%
SRB 1	7.2%	7.5%	8.7%	6.7%	8.9%	9.8%
SRB 2	10.2%	10.4%	10.8%	8.7%	11.3%	11.9%
SRB 3	15.6%	20.4%	24.2%	12.0%	25.0%	28.9%
SRB 4	14.9%	15.5%	18.2%	9.0%	19.3%	22.7%
SRB GT'S	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total SRB	12.4%	14.1%	16.3%	9.3%	16.9%	19.4%
WEB 3	0.0%	5.7%	6.9%	4.9%	6.9%	7.5%
WEB GT 21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total WEB	0.0%	5.7%	6.9%	4.9%	6.9%	7.5%
Black Start GT's	0.2%	0.7%	1.2%	0.9%	1.1%	1.4%
SJS 1	93.5%	95.7%	99.5%	97.6%	90.0%	99.5%
SJS 2	95.2%	96.1%	98.0%	99.9%	90.3%	98.0%
Total SJS	94.4%	95.9%	98.7%	98.7%	90.1%	98.7%
WAPC 5	86.3%	95.2%	86.1%	95.2%	89.7%	95.2%
WAPC 6	88.7%	86.1%	95.2%	89.7%	95.2%	87.9%
WAPC 7	90.2%	91.3%	95.2%	86.1%	95.2%	89.7%
WAPC 8	73.2%	95.2%	86.1%	95.2%	88.9%	95.2%
Totals WAPC	84.6%	91.9%	90.5%	91.7%	92.2%	92.0%
LMS 1	91.5%	93.4%	87.9%	91.6%	93.4%	91.6%
LMS 2	81.6%	92.6%	92.6%	79.5%	91.5%	93.4%
Totals LMS	86.8%	93.0%	90.1%	85.5%	92.4%	92.5%
STP 1	60.0%	95.2%	88.7%	89.5%	95.2%	89.5%
STP 2	79.4%	89.5%	88.7%	95.2%	89.5%	89.5%
Totals STP	69.7%	92.3%	88.7%	92.3%	92.3%	89.5%
WAPC 5 Gas Co-Fire	7.6%	19.9%	19.2%	18.0%	20.7%	21.8%
WAPC 6 Gas Co-Fire	25.3%	64.5%	71.1%	73.3%	74.2%	65.2%
WAPC 7 Gas Co-Fire	13.4%	33.2%	33.1%	33.9%	35.3%	33.0%
Totals WAPC Gas Co-Fire	15.5%	39.3%	41.3%	41.9%	43.6%	40.1%
TOTALS TX GENCO	37.5%	37.5%	38.9%	37.3%	40.8%	41.5%

Auction Product	2003F	2004	2005	2006	2007	2008
Baseload	82.9%	92.3%	90.1%	89.7%	92.3%	91.8%
Gas Intermediate	19.0%	10.5%	14.9%	11.8%	15.2%	16.7%
Gas Cycling	7.5%	8.7%	10.1%	6.7%	10.5%	11.8%
Gas Peaking	3.0%	5.4%	6.3%	5.5%	6.5%	6.5%
Total Tx Genco	37.5%	37.5%	38.9%	37.3%	40.8%	41.5%

Attachment to Docket: Puc 4
 Req. # Puc 4-41 Page 1 of 1

Request No: PUC4-42

CENTERPOINT ENERGY, INCORPORATED

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SOAH DOCKET NO. 473-04-4555

PUBLIC UTILITY COMMISSION

Q. Please refer to the response to question 121 of City of Houston 5th RFI. Please confirm that the sequence of the generating data is from 1995 on Bates page 291 to 2003 on Bates page 315. Also provide the units for the data.

A. The sequence of the generating data on Bates pages 291 - 317 is as follows:

Year	From	To
1995	291	293
1996	294	296
1997	297	299
1998	300	302
1999	303	305
2000	306	308
2001	309	311
2002	312	314
2003	315	317

The unit of measure for the generation data being provided is MWh.

Sponsor: David G. Tees

Attachments: None

Request No: PUC4-43

CENTERPOINT ENERGY, INCORPORATED

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SOAH DOCKET NO. 473-04-4555

PUBLIC UTILITY COMMISSION

Q. Please provide a breakdown of the NOx emission control costs incurred for each of the Parish coal-fired units in the following categories.

Low NOx burners (LNB)

Over-fire air (OFA)

Selective catalytic reduction (SCR)

A. The Company does not separately track the costs associated with Low NOx burners (LNB) and Over-fire air (OFA). These controls were installed as a single system.

Please see the information responsive to this request in the response to COH 9-31 Supplement 1.

Sponsor: Ernie W. McWilliams

Attachments: None

Request No: PUC4-44

CENTERPOINT ENERGY, INCORPORATED

PUC DOCKET NO. 29526

SOAH DOCKET NO. 473-04-4555

PUBLIC UTILITY COMMISSION

- Q. Please provide the percentage reduction in NOx emissions achieved at Limestone 1 and 2 with the installation of LNB and OFA and the use of PRB coal blended with lignite.
- A. Limestone Units 1 and 2 operated with NOx emission rates of approximately 0.41 lb/MMBtu on lignite, prior to the installation of LNB and OFA. For comparison, both units operated with NOx emission rates of approximately 0.19 lb/MMBtu during the first quarter of 2004, with the LNB/OFA systems in place and firing a blend of approximately 30% PRB with lignite. This represents a reduction in NOx emissions of approximately 54%.

Sponsor: Ben C. Carmine

Attachments: None

Request No: PUC4-45

CENTERPOINT ENERGY, INCORPORATED

PUC DOCKET NO. 29526

SOAH DOCKET NO. 473-04-4555

PUBLIC UTILITY COMMISSION

Q. Please provide the list of natural gas fired units that have achieved at least an 80% reduction of NOx emissions with the installation of the equipment outlined in Mr. McWilliams testimony.

A. The natural gas-fired units that have achieved at least an 80% reduction in NOx emissions following the completion of the emission control installation are Cedar Bayou Unit 2 and PH Robinson Unit 4.

Sponsor: Ernie W. McWilliams

Attachments: None

Request No: PUC4-46

CENTERPOINT ENERGY, INCORPORATED

PUC DOCKET NO. 29526

SOAH DOCKET NO. 473-04-4555

PUBLIC UTILITY COMMISSION

Q. Please confirm that the coal-fired Parish generating units have achieved at least an 80% reduction of NOx emissions as the result of the installation of OFA, LNB, and SCR.

A. The Company can confirm that the coal-fired WA Parish generating units have achieved at least an 80% reduction in NOx emissions as a result of the installation of OFA, LNB, and SCR.

Sponsor: Ernie W. McWilliams

Attachments: None.

CERTIFICATE OF SERVICE
Docket No. 29526
SOAH Docket No. 473-04-4555

I hereby certify that a true and correct copy of the foregoing document was hand delivered, electronic mail or sent by overnight delivery or United States first class mail to all parties this 21st day of May 2004

Bunny Browning