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SOAH DOCKET NO. 473-22-04394  
PUC DOCKET NO. 53719

APPLICATION OF ENTERGY TEXAS, § STATE OFFICE  
INC. FOR AUTHORITY TO CHANGE § OF  
RATES § ADMINISTRATIVE HEARINGS

RESPONSE OF ENTERGY TEXAS, INC.  
TO SIERRA CLUB'S SECOND REQUEST FOR INFORMATION:  
SIERRA CLUB'S 1:1 THROUGH 9

Entergy Texas, Inc. ("ETI" or the "Company") files its Response to Sierra Club's Second Request for Information. The response to such request is attached and is numbered as in the request. An additional copy is available for inspection at the Company's office in Austin, Texas.

ETI believes the foregoing response is correct and complete as of the time of the response, but the Company will supplement, correct or complete the response if it becomes aware that the response is no longer true and complete, and the circumstance is such that failure to amend the answer is in substance misleading. The parties may treat this response as if it were filed under oath.

Respectfully submitted,

*Kristen F. Yates*  
Kristen Yates

ENTERGY SERVICES, LLC  
919 Congress Avenue, Suite 701  
Austin, Texas 78701  
Office: (512) 487-3962  
Facsimile: (512) 487-3958

Attachments: SIERRA CLUB'S 1:1 THROUGH 9

CERTIFICATE OF SERVICE

I certify that a copy of the foregoing Response of Entergy Texas, Inc. to Sierra Club's Second Request for Information has been sent by either hand delivery, electronic delivery, facsimile, overnight delivery, or U.S. Mail to the party that initiated this request in this docket on this the 12<sup>th</sup> day of September 2022.

*Kristen F. Yates*  
Kristen Yates

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Chad Pulcher, Jasmine  
Nguyen, Aubree Moulder, Justina Holmes  
Sponsoring Witness: Beverley Gale  
Beginning Sequence No. LC385  
Ending Sequence No. LC389

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Question No.: SIERRA 2-1

Part No.:

Addendum:

Question:

For RS. Nelson Unit 6 and Big Cajun II Unit 3, please provide the following historical annual data from 2011 and through 2020, and by month as available for 2021:

- a. Installed Capacity
  - b. Unforced Capacity
  - c. Capacity Factor
  - d. Equivalent Availability Factor (EAF)
  - e. Heat Rate
  - f. Forced or random outage rate
  - g. Effective Forced Outage Rate (EFOR)
  - h. Fixed O&M costs
  - i. Non-Fuel Variable O&M costs
  - j. Fuel Costs (by fuel type)
- 

Response:

Information included in the response contains highly sensitive protected (“highly sensitive”) materials. Specifically, the responsive materials are protected pursuant to Texas Government Code Sections 552.101 and/or 552.110. Highly sensitive materials will be provided pursuant to the terms of the Protective Order in this docket.

- a. The table below shows Entergy Texas, Inc’s (“ETI”)-owned portion of the Nelson 6 resource Installed Capacity (“ICAP”) and Unforced Capacity (“UCAP”) by Midcontinent Independent System Operator (“MISO”) Planning Year from Planning Year 2013-2014 (after ETI joined MISO on December 19, 2013) to Planning Year 2021-2022. ICAP and UCAP are defined terms in the MISO Federal Energy Regulatory Commission (“FERC”) Electric Tariff and became applicable to ETI upon joining MISO. MISO’s definitions of ICAP and UCAP can be found on page 133 of the Resource Adequacy Business Practice Manual, BPM-011-r24, Appendix H – Unforced Capacity (UCAP) Calculations for Planning Resources.

Nelson 6

MISO Planning Year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
ICAP (MW)	164	164	160	164	164	164	164	156	156
UCAP (MW)									

Big Cajun 2, Unit 3

MISO Planning Year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
ICAP (MW)		602.7	594.0	588.1	573.5	579.2	580.7	575.8	557.4
UCAP (MW)		571.9	563.6	558.0	502.6	491.6	495.4	491.2	483.8

Prior to joining MISO on 12/19/2013, ETI did not calculate an ICAP and UCAP for its units but instead had a summer and winter rating. For Nelson 6, the summer and winter ratings were the same, however a “UCAP” type number can be calculated using the following formula.

summer rating - (summer rating \* rolling 36-month xEFORD ending Aug)

See the table below for the summer and winter rating for ETI’s portion of Nelson 6 by Planning Year as well as the rolling 36-month xEFORD ending in August prior to each Planning Year.

Nelson 6		
Planning Year	Summer/Winter Rating	Rolling 36-month xEFORD ending Aug
2010-2011	163.625	
2011-2012	163.625	
2012-2013	163.625	
2013-2014 (prior to 12/19/2013)	163.625	

- b. See the response to subpart a.
- c. See the highly sensitive attachment (TP-53719-00SIE002-X001-001\_HSPM).
- d. See the Company’s response to subpart c.

Question No.: SIERRA 2-1

- e. See the highly sensitive attachment (TP-53719-00SIE002-X001-002\_HSPM) for the Heat Rate for 2011 – 2020. For 2021 Heat Rate data, see Schedule H-12.3a.
- f. See the Company’s response to subpart c.
- g. See the Company’s response to subpart c.
- h. See attached Schedule H-1.2b (TP-53719-00SIE002-X001-003) for Operations and Maintenance (“O&M”) data for 2021 (by month) for Nelson 6 and Big Cajun 2, Unit 3. See attached Schedule H-3 (TP-53719-00SIE002-X001-004) for the requested data for 2016-2020 (annual). See attached prior Schedules H-3 (TP-53719-00SIE002-X001-005 and TP-53719-00SIE002-X001-006) for annual data for 2011-2015.
- i. See subpart h. We report O&M as a total cost and do not differentiate between fixed and non-fuel variable O&M.
- j. See the highly sensitive attachment (TP-53719-00SIE002-X001-007\_HSPM).

Highly sensitive attachments are included on the secure ShareFile site provided to the parties that have executed protective order certifications in this proceeding.

**DESIGNATION OF PROTECTED MATERIALS PURSUANT TO  
PARAGRAPH 4 OF DOCKET NO. 53719 PROTECTIVE ORDER**

The Response to this Request for Information includes Protected Materials within the meaning of the Protective Order in force in this Docket. Public Information Act exemptions applicable to this information include Tex. Gov't Code Sections 552.101 and/or 552.110. ETI asserts that this information is exempt from public disclosure under the Public Information Act and subject to treatment as Protected Materials because it concerns competitively sensitive commercial and/or financial information and/or information designated confidential by law.

Counsel for ETI has reviewed this information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials Designation.

Kristen F. Yates  
Entergy Services, LLC.

ENTERGY TEXAS, INC.  
 SCHEDULE H-1.2b COAL PLANT SUMMARY OF TEST YEAR PRODUCTION O&M EXPENSES  
 BIG CAJUN 2 UNIT 3  
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

FERC ACCOUNT	DESCRIPTION OF ACCOUNT	PERCENT TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	
<b>STEAM POWER OPERATION</b>																
500	OPER SUPRV & ENGR	3.38%	10,146	10,700	13,993	11,620	14,743	10,861	11,690	13,182	11,324	10,080	11,193	12,040	141,573	
502	STEAM EXPENSES	8.55%	29,764	25,897	24,572	32,585	19,258	23,760	25,328	34,988	45,944	18,138	38,873	39,618	358,725	
505	ELECTRIC EXPENSES	5.82%	25,220	15,915	20,251	17,082	19,819	16,727	17,962	26,619	19,605	18,388	24,142	22,164	243,893	
506	MISC STM PWR EXP	6.75%	16,958	18,184	25,269	23,349	29,585	27,914	15,446	23,640	12,597	28,414	45,130	16,637	283,122	
509	ALLOWANCE	0.00%	0	0	0	0	7	4	4	0	51	92	0	0	157	
<b>STEAM POWER MAINTENANCE</b>																
510	MAINT SUPRV & ENG	6.56%	18,639	19,677	25,912	24,784	22,999	23,043	21,338	27,291	22,512	21,619	22,868	24,484	275,168	
511	MAIN OF STRUCT	6.47%	2,740	19,490	29,309	19,169	34,402	7,508	20,584	22,310	36,750	52,710	6,735	19,788	271,495	
512	MAINT OF BLR PLT	47.76%	(512)	59,968	108,880	329,009	388,527	253,905	140,624	163,344	129,439	118,898	197,907	113,074	2,003,063	
513	MAINT OF ELEC PLT	12.37%	44,401	20,892	11,122	79,275	123,932	50,603	44,182	18,382	30,240	24,023	41,282	30,213	518,547	
514	MAINT OF MISC PLT	2.33%	(4,187)	6,770	3,626	17,196	13,928	9,411	4,216	8,212	9,819	12,267	6,966	9,645	97,869	
<b>TOTALS</b>			100.00%	143,169	197,493	262,933	554,070	667,202	423,737	301,373	337,968	318,282	304,629	395,096	287,663	4,193,614

UTILITY SHARE \$4,193,614  
 UTILITY SHARE 17.85%

Note: Amounts may not add or tie to other schedules due to rounding.  
 Sponsored by: Beverley Gale and Allison P. Lofton

SCHEDULE H-1.2b  
 2022 TX RATE CASE  
 PAGE 1 OF 2

ENTERGY TEXAS, INC.  
 SCHEDULE H-1.2b COAL PLANT SUMMARY OF TEST YEAR PRODUCTION O&M EXPENSES  
 NELSON COAL  
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

FERC ACCOUNT	DESCRIPTION OF ACCOUNT	PERCENT TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	
<b>STEAM POWER OPERATION</b>																
500	OPER SUPRV & ENGR	8.73%	51,947	59,013	50,635	48,607	52,371	66,374	87,052	63,348	61,048	83,249	60,145	89,916	773,704	
502	STEAM EXPENSES	8.69%	22,889	45,738	113,671	85,276	8,512	42,635	40,076	85,569	144,229	60,219	53,131	67,865	769,811	
505	ELECTRIC EXPENSES	5.17%	33,817	10,646	39,398	66,784	10,841	28,169	41,170	39,925	63,024	40,631	56,226	27,306	457,937	
506	MISC STM PWR EXP	15.73%	140,178	59,092	105,933	116,030	99,878	129,792	162,778	115,251	146,937	65,113	118,564	133,667	1,393,214	
507	RENTS	0.01%	10,615	1,216	107	(13,871)	116	122	127	24	143	225	138	1,758	721	
509	ALLOWANCE	0.00%	0	0	0	0	0	0	7	0	262	1	0	0	269	
<b>STEAM POWER MAINTENANCE</b>																
510	MAINT SUPRV & ENG	0.92%	5,687	4,714	6,438	6,171	6,955	6,639	8,432	6,493	5,821	6,420	6,830	11,006	81,606	
511	MAIN OF STRUCT	5.53%	19,233	24,917	48,152	32,012	42,727	13,083	81,012	16,568	32,585	85,863	60,462	33,318	489,931	
512	MAINT OF BLR PLT	43.32%	288,842	182,283	223,811	171,587	1,019,747	796,986	295,244	262,040	291,355	133,841	45,545	126,553	3,837,833	
513	MAINT OF ELEC PLT	4.79%	22,502	29,576	19,606	5,157	118,261	(41,702)	71,626	57,460	12,554	40,799	40,356	48,214	424,408	
514	MAINT OF MISC PLT	7.10%	19,487	29,612	32,547	25,411	35,972	76,890	67,343	29,784	34,385	38,681	30,294	208,985	629,390	
<b>OTHER POWER OPERATION</b>																
549	MISC OTH PWR EXP	0.00%	0	0	0	0	0	36	0	0	0	0	0	0	36	
<b>TOTALS</b>			100.00%	615,198	446,807	640,298	543,166	1,395,380	1,119,024	854,868	676,462	792,342	555,040	471,689	748,588	8,858,861

UTILITY SHARE \$8,858,861  
UTILITY SHARE 29.75%

Note: Amounts may not add or tie to other schedules due to rounding.  
Sponsored by: Beverley Gale and Allison P. Lofton

SCHEDULE H-1.2b  
2022 TX RATE CASE  
PAGE 2 OF 2



	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>Nelson 6</b>	\$ 6,289,003	\$ 7,436,339	\$ 7,272,341	\$ 5,938,501	\$ 7,400,264	\$ 5,891,861	\$ 8,038,008	\$ 8,482,855	\$ 7,082,815	\$ 5,542,607
<b>Big Cajun 2, Unit 3</b>	\$ 2,881,002	\$ 2,975,180	\$ 4,862,963	\$ 4,004,508	\$ 6,505,720	\$ 3,864,767	\$ 4,342,399	\$ 6,431,305	\$ 3,859,373	\$ 4,615,976

\*Please note that we report O&M as a total cost and do not differentiate between fixed and non-fuel variable O&M.

	<b>Jan-21</b>	<b>Feb-21</b>	<b>Mar-21</b>	<b>Apr-21</b>	<b>May-21</b>	<b>Jun-21</b>	<b>Jul-21</b>	<b>Aug-21</b>	<b>Sep-21</b>	<b>Oct-21</b>	<b>Nov-21</b>	<b>Dec-21</b>
<b>Nelson 6</b>	\$ 418,662	\$ 343,566	\$ 513,655	\$ 1,265,411	\$ 430,229	\$ 966,857	\$ 642,617	\$ 554,325	\$ 574,291	\$ 359,878	\$ 348,897	\$ 394,338
<b>Big Cajun II Unit 3</b>	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039	\$ 520,039

\*Please note that we report O&M as a total cost and do not differentiate between fixed and non-fuel variable O&M.

**Entergy Texas, Inc.  
Cost of Service  
Schedule H-3 Summary of Actual Production O&M Expenses Incurred  
Electric  
For the Years 2012-2016**

2012 Fossil							
Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	9.89%	3,336,102	1,579,483	677,549	0	5,593,134
502000	Steam Expenses	6.63%	2,647,995	493,574	412,997	195,228	3,749,794
505000	Electric Expenses	4.49%	852,757	801,216	788,681	94,100	2,536,754
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	13.46%	3,326,573	2,440,954	1,204,652	640,632	7,612,811
507000 & 550000	Rents	0.24%	67,566	45,089	20,772	0	133,427
509000	Allowances	0.01%	3,620	212	1,826	1,419	7,077
<b>TOTALS</b>		<b>100.00%</b>	<b>28,915,169</b>	<b>16,193,498</b>	<b>8,795,203</b>	<b>2,644,105</b>	<b>56,547,975</b>

**Entergy Texas, Inc.  
Cost of Service  
Schedule H-3 Summary of Actual Production O&M Expenses Incurred  
Electric  
For the Years 2012-2016**

2013 Fossil							
Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	10.55%	3,444,112	1,714,833	749,017	0	5,907,962
502000	Steam Expenses	7.72%	3,220,870	320,456	451,542	333,110	4,325,978
505000	Electric Expenses	5.78%	996,436	1,252,726	744,898	242,945	3,237,005
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	14.79%	3,810,613	2,564,447	1,247,048	664,545	8,286,653
507000 & 550000	Rents	0.35%	108,894	56,281	32,625	0	197,800
509000	Allowances	0.00%	1,372	99	614	457	2,542
<b>Steam Power Maintenance</b>							
510000	Maint. Suprv & Eng	2.29%	520,910	481,224	195,492	84,943	1,282,569
511000	Maint. of Struct	4.97%	1,045,269	917,869	674,457	147,849	2,785,444
512000	Maint. of Boiler Plt	28.93%	5,762,264	2,816,638	4,742,021	2,885,585	16,206,508

Sponsored by: Christopher K. Burke and Kristine T. Jackson  
Amounts may not add or tie to other schedules due to rounding.

513000	Maint. of Elec Plt	21.83%	5,756,784	5,529,854	799,921	140,538	12,227,097
514000	Maint. of Misc. Plt	2.77%	758,593	554,195	210,068	28,893	1,551,749
<b>TOTALS</b>		<b>100.00%</b>	<b>25,426,117</b>	<b>16,208,622</b>	<b>9,847,703</b>	<b>4,528,865</b>	<b>56,011,307</b>

**Entergy Texas, Inc.  
Cost of Service  
Schedule H-3 Summary of Actual Production O&M Expenses Incurred  
Electric  
For the Years 2012-2016**

**2014 Fossil**

Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	9.57%	3,235,665	1,510,080	617,238	0	5,362,983
502000	Steam Expenses	7.17%	3,009,367	338,270	448,747	223,647	4,020,031
505000	Electric Expenses	5.29%	776,471	1,393,184	720,591	73,787	2,964,033
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	12.27%	2,774,485	1,751,122	929,030	1,425,666	6,880,303
507000 & 550000	Rents	0.38%	99,866	84,268	30,068	0	214,202
509000	Allowances	0.00%	759	48	261	158	1,226
<b>Steam Power Maintenance</b>							
510000	Maint. Suprv & Eng	2.66%	503,993	572,444	162,131	251,694	1,490,262
511000	Maint. of Struct	4.51%	819,309	1,002,866	511,142	193,828	2,527,145
512000	Maint. of Boiler Plt	22.77%	4,894,161	3,093,774	3,420,696	1,356,217	12,764,848
513000	Maint. of Elec Plt	32.33%	9,425,975	7,810,934	813,502	74,276	18,124,687
514000	Maint. of Misc. Plt	3.06%	953,277	305,330	391,566	65,249	1,715,422
<b>TOTALS</b>		<b>100.00%</b>	<b>26,493,328</b>	<b>17,862,320</b>	<b>8,044,972</b>	<b>3,664,522</b>	<b>56,065,142</b>

**Entergy Texas, Inc.  
Cost of Service  
Schedule H-3 Summary of Actual Production O&M Expenses Incurred  
Electric  
For the Years 2012-2016**

**2015 Fossil**

Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	9.94%	3,620,648	1,418,946	740,150	0	5,779,744
502000	Steam Expenses	8.18%	3,391,577	456,149	448,593	463,907	4,760,226
505000	Electric Expenses	7.08%	1,364,296	1,525,170	926,790	302,389	4,118,645
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	11.84%	2,368,315	2,317,217	1,097,653	1,102,391	6,885,576
507000 & 550000	Rents	0.44%	140,030	76,540	37,175	0	253,745
509000	Allowances	0.29%	136,212	13,936	19,570	1,155	170,873

Sponsored by: Christopher K. Burke and Kristine T. Jackson  
Amounts may not add or tie to other schedules due to rounding.

**Steam Power Maintenance**

510000	Maint. Suprv & Eng	3.06%	871,439	504,190	232,025	172,171	1,779,825
511000	Maint. of Struct	7.73%	890,893	2,833,297	588,140	181,488	4,493,818
512000	Maint. of Boiler Plt	29.60%	7,003,932	1,769,638	4,718,261	3,726,345	17,218,176
513000	Maint. of Elec Plt	18.32%	6,390,264	3,572,688	529,586	163,961	10,656,499
514000	Maint. of Misc. Plt	3.53%	1,222,663	456,874	321,144	52,661	2,053,342
<b>TOTALS</b>		<b>100.00%</b>	<b>27,400,269</b>	<b>14,944,645</b>	<b>9,659,087</b>	<b>6,166,468</b>	<b>58,170,469</b>

**Entergy Texas, Inc.  
Cost of Service  
Schedule H-3 Summary of Actual Production O&M Expenses Incurred  
Electric  
For the Years 2012-2016**

**2016 Fossil**

Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
	Primary Fuel Type		Gas	Gas	Coal	Coal	

**Steam Power Operation**

500000	Oper Suprv & Engr	13.01%	3,496,876	1,931,465	697,374	0	6,125,715
502000	Steam Expenses	12.44%	3,674,080	416,993	1,465,048	303,127	5,859,248
505000	Electric Expenses	7.09%	592,241	1,732,360	852,258	160,948	3,337,807
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	17.27%	3,591,313	2,233,499	1,116,635	1,188,437	8,129,884
507000 & 550000	Rents	0.36%	81,642	59,339	27,512	0	168,493
509000	Allowances	0.24%	81,928	6,415	12,060	14,659	115,062

**Steam Power Maintenance**

510000	Maint. Suprv & Eng	3.15%	702,083	387,524	190,331	202,154	1,482,092
511000	Maint. of Struct	4.98%	1,052,658	552,856	510,888	226,820	2,343,222
512000	Maint. of Boiler Plt	24.10%	5,258,408	1,808,843	2,049,967	2,228,419	11,345,637
513000	Maint. of Elec Plt	13.84%	4,307,898	1,810,183	269,708	127,549	6,515,338
514000	Maint. of Misc. Plt	3.53%	1,019,016	281,082	303,974	55,802	1,659,874
<b>TOTALS</b>		<b>100.00%</b>	<b>23,858,143</b>	<b>11,220,559</b>	<b>7,495,755</b>	<b>4,507,915</b>	<b>47,082,372</b>

Sponsored by: Christopher K. Burke and Kristine T. Jackson  
Amounts may not add or tie to other schedules due to rounding.

**ENTERGY TEXAS, INC.  
SCHEDULE H-3 SUMMARY OF ACTUAL PRODUCTION O&M EXPENSES INCURRED  
FOR THE YEARS 2009-2013**

2009 Fossil							
Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	11.25%	2,998,138	1,598,109	800,692	0	5,396,939
502000	Steam Expenses	7.00%	2,446,044	285,215	345,881	279,496	3,356,636
505000	Electric Expenses	4.81%	938,489	458,404	690,499	217,989	2,305,381
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	15.90%	3,496,561	1,988,461	1,429,049	710,279	7,624,350
507000 & 550000	Rents	0.17%	14,092	65,039	1,805	0	80,936
509000	Allowances	1.33%	416,835	30,466	190,738	0	638,039
<b>Steam Power Maintenance</b>							
510000	Maint. Suprv & Eng	3.11%	494,144	636,290	266,414	95,345	1,492,193
511000	Maint. of Struct	4.37%	1,129,709	363,461	373,445	228,298	2,094,913
512000	Maint. of Boiler Plt	26.54%	5,008,811	1,929,756	3,163,241	2,623,466	12,725,274
513000	Maint. of Elec Plt	22.98%	6,338,874	3,617,801	897,849	164,890	11,019,414
514000	Maint. of Misc. Plt	2.54%	671,356	361,037	156,132	30,732	1,219,257
<b>TOTALS</b>		<b>100.00%</b>	<b>23,953,053</b>	<b>11,334,039</b>	<b>8,315,745</b>	<b>4,350,495</b>	<b>47,953,332</b>

**ENTERGY TEXAS, INC.  
SCHEDULE H-3 SUMMARY OF ACTUAL PRODUCTION O&M EXPENSES INCURRED  
FOR THE YEARS 2009-2013**

2010 Fossil							
Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	11.11%	3,076,371	1,700,552	784,510	0	5,561,433
502000	Steam Expenses	7.48%	2,716,384	394,953	344,248	287,912	3,743,497
505000	Electric Expenses	5.04%	1,070,301	561,198	644,991	247,635	2,524,125
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	16.15%	3,685,275	2,300,865	1,386,838	712,240	8,085,218
507000 & 550000	Rents	0.05%	14,746	9,879	1,664	0	26,289
509000	Allowances	-0.49%	(218,080)	(16,839)	(58,582)	47,375	(246,126)
<b>Steam Power Maintenance</b>							
510000	Maint. Suprv & Eng	1.98%	498,084	162,942	237,603	92,745	991,374
511000	Maint. of Struct	5.98%	1,715,245	747,137	337,972	191,143	2,991,497
512000	Maint. of Boiler Plt	25.39%	4,671,042	1,844,540	3,217,171	2,977,284	12,710,037
513000	Maint. of Elec Plt	24.62%	10,147,156	800,017	1,219,137	159,939	12,326,249
514000	Maint. of Misc. Plt	2.69%	815,584	321,350	181,132	30,879	1,348,945
<b>TOTALS</b>		<b>100.00%</b>	<b>28,192,108</b>	<b>8,826,594</b>	<b>8,296,684</b>	<b>4,747,152</b>	<b>50,062,538</b>

**ENTERGY TEXAS, INC.  
SCHEDULE H-3 SUMMARY OF ACTUAL PRODUCTION O&M EXPENSES INCURRED  
FOR THE YEARS 2009-2013**

Sponsored by: Gerard L. Fontenot, Margaret L. McCloskey  
Amounts may not add or tie to other schedules due to rounding.

Schedule G-H-3  
2015 TX Rate Case  
Page 1 of 3

Sponsored by: Gerard L. Fontenot, Margaret L. McCloskey  
Amounts may not add or tie to other schedules due to rounding.

**2011 Fossil**

Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	10.87%	2,950,494	1,736,126	640,266	0	5,326,886
502000	Steam Expenses	8.28%	2,816,289	662,157	400,429	177,009	4,055,884
505000	Electric Expenses	4.79%	899,051	598,257	757,425	91,495	2,346,228
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	15.52%	3,372,098	2,158,894	1,412,295	663,190	7,606,477
507000 & 550000	Rents	0.33%	97,007	45,758	19,435	0	162,200
509000	Allowances	0.08%	17,032	840	11,291	9,918	39,081
<b>TOTALS</b>		<b>100.00%</b>	<b>27,915,972</b>	<b>10,659,006</b>	<b>7,852,001</b>	<b>2,577,881</b>	<b>49,004,860</b>

**ENTERGY TEXAS, INC.  
SCHEDULE H-3 SUMMARY OF ACTUAL PRODUCTION O&M EXPENSES INCURRED  
FOR THE YEARS 2009-2013**

**2012 Fossil**

Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	9.89%	3,336,102	1,579,483	677,549	0	5,593,134
502000	Steam Expenses	6.63%	2,647,995	493,574	412,997	195,228	3,749,794
505000	Electric Expenses	4.49%	852,757	801,216	788,681	94,100	2,536,754
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	13.46%	3,326,573	2,440,954	1,204,652	640,632	7,612,811
507000 & 550000	Rents	0.24%	67,566	45,089	20,772	0	133,427
509000	Allowances	0.01%	3,620	212	1,826	1,419	7,077
<b>TOTALS</b>		<b>100.00%</b>	<b>28,915,169</b>	<b>16,193,498</b>	<b>8,795,203</b>	<b>2,644,105</b>	<b>56,547,975</b>

**ENTERGY TEXAS, INC.  
SCHEDULE H-3 SUMMARY OF ACTUAL PRODUCTION O&M EXPENSES INCURRED  
FOR THE YEARS 2009-2013**

**2013 Fossil**

Schedule G-H-3  
2015 TX Rate Case  
Page 2 of 3

Account	Description	Percent	Sabine Station	Lewis Creek	Nelson Coal	Big Cajun Unit 3	Total
Primary Fuel Type			Gas	Gas	Coal	Coal	
<b>Steam Power Operation</b>							
500000	Oper Suprv & Engr	10.55%	3,444,112	1,714,833	749,017	0	5,907,962
502000	Steam Expenses	7.72%	3,220,870	320,456	451,542	333,110	4,325,978
505000	Electric Expenses	5.78%	996,436	1,252,726	744,898	242,945	3,237,005
506000 & 548000 & 549000	Misc. Steam Pwr Expenses	14.79%	3,810,613	2,564,447	1,247,048	664,545	8,286,653
507000 & 550000	Rents	0.35%	108,894	56,281	32,625	0	197,800
509000	Allowances	0.00%	1,372	99	614	457	2,542
<b>Steam Power Maintenance</b>							
510000	Maint. Suprv & Eng	2.29%	520,910	481,224	195,492	84,943	1,282,569
511000	Maint. of Struct	4.97%	1,045,269	917,869	674,457	147,849	2,785,444
512000	Maint. of Boiler Plt	28.93%	5,762,264	2,816,638	4,742,021	2,885,585	16,206,508
513000	Maint. of Elec Plt	21.83%	5,756,784	5,529,854	799,921	140,538	12,227,097
514000	Maint. of Misc. Plt	2.77%	758,593	554,195	210,068	28,893	1,551,749
<b>TOTALS</b>		<b>100.00%</b>	<b>25,426,117</b>	<b>16,208,622</b>	<b>9,847,703</b>	<b>4,528,865</b>	<b>56,011,307</b>

Sponsored by: Gerard L. FontenotMargaret L. McCloskey  
 Amounts may not add or tie to other schedules due to rounding.



ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Charles DeGeorge  
Sponsoring Witness: Anastasia R.Meyer  
Beginning Sequence No. LC390  
Ending Sequence No. LC393

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Question No.: SIERRA 2-2

Part No.:

Addendum:

Question:

For RS. Nelson Unit 6 and Big Cajun II Unit 3, for each of the years 2021 through 2030, please identify the Company's most recent projection of:

- a. Installed Capacity
  - b. Unforced Capacity
  - c. Capacity factor
  - d. Availability
  - e. Heat rate
  - f. Forced or random outage rate
  - g. Fixed **O&M** cost
  - h. Variable O&M cost
  - i. Fuel cost (by fuel type)
- 

Response:

Information included in the response contains highly sensitive protected (“highly sensitive”) materials. Specifically, the responsive materials are protected pursuant to Texas Government Code Sections 552.101 and/or 552.110. Highly sensitive materials will be provided pursuant to the terms of the Protective Order in this docket.

See the highly sensitive information below.

- a. Installed Capacity
  - i. Nelson 6: [REDACTED]
  - ii. Big Cajun 2, Unit 3: [REDACTED]
- b. Unforced Capacity
  - i. Nelson 6: [REDACTED]
  - ii. Big Cajun 2, Unit 3: [REDACTED]
- c. Forced or random outage rate
  - i. Nelson 6: [REDACTED]
  - ii. Big Cajun 2, Unit 3: [REDACTED]
- d. See the highly sensitive attachment (TP-53719-00SIE002-X002\_HSPM).
- e. See the response to subpart d.
- f. The forced outage rate used in AURORA is Equivalent Unplanned Outage Factor (“EUOF”). See the response to subpart d.
- g. See the response to subpart d.
- h. The variable O&M rate used in AURORA is not specific to the coal units Nelson 6 and Big Cajun 2, Unit 3. The input assumption used for variable O&M rate in AURORA is a representative rate for coal units for purposes of production cost analysis. The variable O&M rate source is the Energy Exemplar (AURORA vendor) Eastern Interconnect Database. See the response to subpart d.
- i. See the response to subpart d.

Highly sensitive materials have been included on the secure ShareFile site provided to the parties that have executed protective order certifications in this proceeding.

**DESIGNATION OF PROTECTED MATERIALS PURSUANT TO  
PARAGRAPH 4 OF DOCKET NO. 53719 PROTECTIVE ORDER**

The Response to this Request for Information includes Protected Materials within the meaning of the Protective Order in force in this Docket. Public Information Act exemptions applicable to this information include Tex. Gov't Code Sections 552.101 and/or 552.110. ETI asserts that this information is exempt from public disclosure under the Public Information Act and subject to treatment as Protected Materials because it concerns competitively sensitive commercial and/or financial information and/or information designated confidential by law.

Counsel for ETI has reviewed this information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials Designation.

Kristen F. Yates  
Entergy Services, LLC.

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Ryan Gay, Daniel Boratko  
Sponsoring Witness: Andrew Dornier  
Beginning Sequence No. EV1500  
Ending Sequence No. EV1502

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Question No.: SIERRA 2-3

Part No.:

Addendum:

Question:

Please provide the following for Entergy Texas, with supporting workpapers (in electronic, machine-readable format):

- a. Annual peak load since 2015 (or earliest available).
  - b. Annual **MISO** capacity reserve requirement since 2015 (or earliest available).
  - c. Annual sales since 2015 (or earliest available).
  - d. Annual generation since 2015 (or earliest available).
  - e. Annual off-system energy sales in GWhs since 2015 (or earliest available).
  - f. Annual off-system energy sales revenues in dollars since 2015 (or earliest available).
  - g. Annual off-system energy purchases in GWhs since 2015 (or earliest available).
  - h. Annual off-system energy purchases revenues in dollars since 2015 (or earliest available).
- 

Response:

Information included in the response contains highly sensitive protected (“highly sensitive”) materials. Specifically, the responsive materials are protected pursuant to Texas Government Code Sections 552.101 and/or 552.110. Highly sensitive materials will be provided pursuant to the terms of the Protective Order in this docket.

- a. See the attachment (TP-53719-00SIE002-X003-001) for annual peak load since 2015.
- b. See the highly sensitive attachment (TP-53719-00SIE002-X003-002\_HSPM) for the ETI PRMR values.
- c. - h. Please reference Entergy Texas, Inc.'s FERC Form 1 reports that are publicly available on the PUCT Interchange in Project No. 35588, as well on Federal Energy Regulatory Commission's ("FERC") website. See also the Company's response to Cities 1-23.

Highly sensitive materials have been included on the secure ShareFile site provided to the parties that have executed protective order certifications in this proceeding.

**DESIGNATION OF PROTECTED MATERIALS PURSUANT TO  
PARAGRAPH 4 OF DOCKET NO. 53719 PROTECTIVE ORDER**

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Counsel for ETI has reviewed this information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials Designation.

Kristen F. Yates  
Entergy Services, LLC.

MW Peaks include only distribution losses.

<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
3,540	3,536	3,468	3,529	3,652	3,708	3,704

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Jasmine Nguyen, Amber  
Yartym  
Sponsoring Witnesses: Beverley Gale  
Beginning Sequence No. LC415  
Ending Sequence No. LC417

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Question No.: SIERRA 2-4

Part No.:

Addendum:

Question:

For RS. Nelson Unit 6 and Big Cajun II Unit 3, please provide the following:

- a. Historical capital expenditures since 2010.
  - b. Projected capital expenditures through 2030.
  - c. Provide a specific accounting of all projects and capital expenditures already scheduled or planned at each unit over the next ten years.
  - d. For each capital expenditure involving more than \$1 million, please provide all analyses of the present value of those investments versus retirement or replacement. If the Company did not perform any such analysis, why not?
- 

Response:

Information included in the response contains highly sensitive protected (“highly sensitive”) materials. Specifically, the responsive materials are protected pursuant to Texas Government Code Sections 552.101 and/or 552.110. Highly sensitive materials will be provided pursuant to the terms of the Protective Order in this docket.

- a. Please see highly sensitive attachments (RP-53719-00SIE002-X004-001\_HSPM, RP-53719-00SIE002-X004-002\_HSPM, RP-53719-00SIE002-X004-003\_HSPM) for the for historical capital expenditures for 2010-2026.
- b. See company’s response to subpart a. Please note our projections only go to [REDACTED] for Nelson 6 and [REDACTED] for Big Cajun 2, Unit 3.



Question No.: SIERRA 2-4

- c. See the highly sensitive attachment (RP-53719-00SIE002-X004-004\_HSPM) for the capital expenditures for years [REDACTED] through [REDACTED]. Please note our projections only go to [REDACTED] for Nelson 6 and [REDACTED] for Big Cajun 2, Unit 3.
- d. No such analysis has been performed for the projects included in the Company's response to subpart c.

The Entergy Operating Companies ("EOCs") are not the operator of Big Cajun 2, Unit 3. Therefore, they do not determine the appropriate capital expenditures for the unit. As explained in the Direct Testimony of Anastasia R. Meyer, Section B, starting on page 15, Cleco Cajun, LLC, is the operator of the plant and makes investment decisions for Big Cajun, Unit 3.

For the generation units for which the EOCs are the operator, including Nelson 6, an evaluation considering deactivation would typically occur on projects with higher levels of investment than the projects listed in the Company's response to subpart c. or for projects that would be anticipated to change the expected life of the unit. Generally, the EOCs evaluate individual projects as to their ability to protect the ongoing safe, compliant, reliable, and efficient operations of the individual sites.

Highly sensitive materials have been included on the secure ShareFile site provided to the parties that have executed protective order certifications in this proceeding.

**DESIGNATION OF PROTECTED MATERIALS PURSUANT TO  
PARAGRAPH 4 OF DOCKET NO. 53719 PROTECTIVE ORDER**

The Response to this Request for Information includes Protected Materials within the meaning of the Protective Order in force in this Docket. Public Information Act exemptions applicable to this information include Tex. Gov't Code Sections 552.101 and/or 552.110. ETI asserts that this information is exempt from public disclosure under the Public Information Act and subject to treatment as Protected Materials because it concerns competitively sensitive commercial and/or financial information and/or information designated confidential by law.

Counsel for ETI has reviewed this information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials Designation.

Kristen F. Yates  
Entergy Services, LLC.

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Long Nguyen  
Sponsoring Witness: Beverley Gale  
Beginning Sequence No. LC383  
Ending Sequence No. LC384

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Question No.: SIERRA 2-5

Part No.:

Addendum:

Question:

Provide company plant in service amounts from 2015 through the present for RS. Nelson and Big Cajun II Unit 3, respectively, for each month. For each month, include plant balance as of the first day of the month, addition, transfers, retirements, and plant balance at the end of the month.

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Response:

Information included in the response contains highly sensitive protected (“highly sensitive”) materials. Specifically, the responsive materials are protected pursuant to Texas Government Code Sections 552.101 and/or 552.110. Highly sensitive materials will be provided pursuant to the terms of the Protective Order in this docket.

Please see the highly sensitive attachments (TP-53719-00SIE002-X005-001\_HSPM and RP-53719-00SIE002-X005-002\_HSPM). Highly sensitive materials have been included on the secure ShareFile site provided to the parties that have executed protective order certifications in this proceeding.

**DESIGNATION OF PROTECTED MATERIALS PURSUANT TO  
PARAGRAPH 4 OF DOCKET NO. 53719 PROTECTIVE ORDER**

The Response to this Request for Information includes Protected Materials within the meaning of the Protective Order in force in this Docket. Public Information Act exemptions applicable to this information include Tex. Gov't Code Sections 552.101 and/or 552.110. ETI asserts that this information is exempt from public disclosure under the Public Information Act and subject to treatment as Protected Materials because it concerns competitively sensitive commercial and/or financial information and/or information designated confidential by law.

Counsel for ETI has reviewed this information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials Designation.

Kristen F. Yates  
Entergy Services, LLC.

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Charles DeGeorge  
Sponsoring Witness: Anastasia R. Meyer  
Beginning Sequence No. EV1495  
Ending Sequence No. EV1497

Question No.: SIERRA 2-6

Part No.:

Addendum:

Question:

Provide the Company's three most-recent commodity and power market price forecasts. Indicate the date of each forecast.

Response:

See the tables below for gas, coal, CO<sub>2</sub>, SO<sub>2</sub>, and NO<sub>x</sub> price forecast assumptions.

NO<sub>x</sub> prices are seasonal and only applicable to months May – September.

Power market prices (labeled ETI LMP in the table below) provided are an output of AURORA based on the commitment and dispatch of AURORA.

Henry Hub Gas Forecast (\$/mmBTU)			
	BP2020 12/9/2019	BP2021 12/8/2020	BP2022 11/12/2021
2021	\$ 2.58	\$ 2.93	
2022	\$ 2.69	\$ 3.00	\$ 4.41
2023	\$ 2.95	\$ 3.08	\$ 3.70
2024	\$ 3.18	\$ 3.26	\$ 3.00
2025	\$ 3.39	\$ 3.40	\$ 3.05
2026	\$ 3.59	\$ 3.51	\$ 3.08
2027	\$ 3.76	\$ 3.61	\$ 3.16
2028	\$ 3.98	\$ 3.73	\$ 3.28
2028	\$ 4.19	\$ 3.90	\$ 3.40
2030	\$ 4.41	\$ 4.08	\$ 3.53

Nelson 6 Coal Forecast (\$/mmBTU)			
	BP2020 12/9/2019	BP2021 12/8/2020	BP2022 11/12/2021
2021	\$ 2.12	\$ 2.07	
2022	\$ 2.17	\$ 2.16	\$ 1.98
2023	\$ 2.24	\$ 2.26	\$ 1.97
2024	\$ 2.30	\$ 2.33	\$ 1.97
2025	\$ 2.37	\$ 2.39	\$ 2.02
2026	\$ 2.44	\$ 2.46	\$ 2.08
2027	\$ 2.53	\$ 2.54	\$ 2.15
2028	\$ 2.60	\$ 2.61	\$ 2.22
2028	\$ 2.68	\$ 2.68	\$ 2.23
2030	\$ 2.75	\$ 2.75	\$ 2.29

CO2 Forecast (\$/Ton)			
	BP2020 12/9/2019	BP2021 12/8/2020	BP2022 11/12/2021
2021	\$ 0	\$ 0	
2022	\$ 0	\$ 0	\$ 0
2023	\$ 0	\$ 0	\$ 0.30
2024	\$ 0	\$ 1.87	\$ 2.02
2025	\$ 0	\$ 2.83	\$ 3.08
2026	\$ 1.13	\$ 3.19	\$ 3.84
2027	\$ 1.82	\$ 5.29	\$ 4.69
2028	\$ 3.13	\$ 6.34	\$ 5.65
2028	\$ 4.34	\$ 8.26	\$ 6.72
2030	\$ 5.33	\$ 10.72	\$ 7.91

SO2 Forecast Group 2 (\$/Ton)			
	BP2020 12/9/2019	BP2021 12/8/2020	BP2022 11/12/2021
2021	\$ 2.00	\$ 2.25	
2022	\$ 2.00	\$ 2.25	\$ 2.25
2023	\$ 1.75	\$ 2.25	\$ 2.25
2024	\$ 1.50	\$ 2.00	\$ 2.00
2025	\$ 1.25	\$ 2.00	\$ 2.00
2026	\$ 1.00	\$ 2.00	\$ 2.00
2027	\$ 1.00	\$ 2.00	\$ 2.00
2028	\$ 1.00	\$ 2.00	\$ 2.00
2028	\$ 1.00	\$ 2.00	\$ 2.00
2030	\$ 1.00	\$ 2.00	\$ 2.00

NOX Seasonal Forecast (\$/Ton)			
	BP2020 12/9/2019	BP2021 12/8/2020	BP2022 11/12/2021
2021	\$ 76.69	\$ 45.60	
2022	\$ 56.69	\$ 25.60	\$ 25.60
2023	\$ 50.00	\$ 24.90	\$ 24.90
2024	\$ 35.00	\$ 22.50	\$ 22.50
2025	\$ 30.00	\$ 20.00	\$ 20.00
2026	\$ 25.00	\$ 20.00	\$ 20.00
2027	\$ 25.00	\$ 20.00	\$ 20.00
2028	\$ 25.00	\$ 20.00	\$ 20.00
2028	\$ 25.00	\$ 20.00	\$ 20.00
2030	\$ 25.00	\$ 20.00	\$ 20.00

ETI LMP (\$/MWh)			
	BP2020 12/9/2019	BP2021 12/8/2020	BP2022 11/12/2021
2021	\$ 27.04	\$ 29.02	
2022	\$ 27.97	\$ 31.05	\$ 38.46
2023	\$ 29.83	\$ 31.54	\$ 33.04
2024	\$ 31.52	\$ 33.95	\$ 30.44
2025	\$ 33.33	\$ 35.55	\$ 31.12
2026	\$ 34.80	\$ 36.82	\$ 31.47
2027	\$ 36.85	\$ 37.58	\$ 32.11
2028	\$ 38.38	\$ 38.98	\$ 33.08
2028	\$ 40.52	\$ 41.12	\$ 34.49
2030	\$ 42.78	\$ 43.87	\$ 36.18

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Ryan Gay  
Sponsoring Witness: Andrew Dornier  
Beginning Sequence No. LC378  
Ending Sequence No. LC378

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Question No.: SIERRA 2-7

Part No.:

Addendum:

Question:

Provide total energy and ancillary service market revenues for R. S. Nelson and Big Cajun II Unit 3, respectively, for the period 2015-2020. State whether the values represent Entergy Texas' s share or total unit.

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Response:

Please see the attachment (TP-53719-00SIE002-X007).



## MISO Expense (Revenue)

Unit	YYYY	ETI Ancillary Dollars	ETI Energy Dollars	ETI Uplift Dollars
EES.NELSON6	2015	\$ 97.40	\$ (16,769,968.22)	\$ (687,962.84)
EES.NELSON6	2016	\$ (92.41)	\$ (18,319,887.91)	\$ (64,675.81)
EES.NELSON6	2017	\$ (2,082.87)	\$ (22,932,687.93)	\$ (4,241.70)
EES.NELSON6	2018	\$ (26,131.66)	\$ (27,791,011.09)	\$ (71,257.60)
EES.NELSON6	2019	\$ (13,098.09)	\$ (14,574,211.67)	\$ (89,126.76)
EES.NELSON6	2020	\$ (6,475.34)	\$ (5,881,158.43)	\$ (379,693.97)
EES.NELSON6	2021	\$ (36,286.62)	\$ (20,031,705.74)	\$ (254,894.01)
LAGN.BC2_3	2015	\$ (1,540.61)	\$ (12,553,274.68)	\$ 30,649.81
LAGN.BC2_3	2016	\$ (14,499.27)	\$ (15,108,866.32)	\$ 32,550.33
LAGN.BC2_3	2017	\$ (15,582.70)	\$ (17,776,398.90)	\$ 26,339.02
LAGN.BC2_3	2018	\$ (18,422.68)	\$ (16,713,685.44)	\$ 75,199.62
LAGN.BC2_3	2019	\$ (12,998.65)	\$ (7,963,004.16)	\$ (394,272.39)
LAGN.BC2_3	2020	\$ (2,508.57)	\$ (992,456.27)	\$ (163,036.21)
LAGN.BC2_3	2021	\$ (66,232.69)	\$ (15,631,776.58)	\$ (48,885.92)

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Charles DeGeorge  
Sponsoring Witness: Anastasia R. Meyer  
Beginning Sequence No. LC379  
Ending Sequence No. LC381

Question No.: SIERRA 2-8

Part No.:

Addendum:

Question:

Provide total projected energy and ancillary service market revenues for R.S. Nelson and Big Cajun II Unit 3, respectively, for the period 2021-2030. State whether the values represent Entergy Texas' s share or total unit.

Response:

Information included in the response contains highly sensitive protected (“highly sensitive”) materials. Specifically, the responsive materials are protected pursuant to Texas Government Code Sections 552.101 and/or 552.110. Highly sensitive materials will be provided pursuant to the terms of the Protective Order in this docket.

See the highly sensitive table below for the annual total unit projected energy revenue for the period 2022 through 2030. The Company does not use AURORA to project ancillary service market revenues. A deactivation assumption of [REDACTED] is used for Nelson 6 and a deactivation assumption of [REDACTED] is used for Big Cajun 2, Unit 3.

Energy Revenue (\$K)		
	Nelson 6	Big Cajun 2, Unit 3
2022	[REDACTED]	[REDACTED]
2023	[REDACTED]	[REDACTED]
2024	[REDACTED]	[REDACTED]
2025	[REDACTED]	[REDACTED]
2026	[REDACTED]	[REDACTED]
2027	[REDACTED]	[REDACTED]
2028	[REDACTED]	[REDACTED]

**DESIGNATION OF PROTECTED MATERIALS PURSUANT TO  
PARAGRAPH 4 OF DOCKET NO. 53719 PROTECTIVE ORDER**

The Response to this Request for Information includes Protected Materials within the meaning of the Protective Order in force in this Docket. Public Information Act exemptions applicable to this information include Tex. Gov't Code Sections 552.101 and/or 552.110. ETI asserts that this information is exempt from public disclosure under the Public Information Act and subject to treatment as Protected Materials because it concerns competitively sensitive commercial and/or financial information and/or information designated confidential by law.

Counsel for ETI has reviewed this information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials Designation.

Kristen F. Yates  
Entergy Services, LLC.

ENTERGY TEXAS, INC.  
PUBLIC UTILITY COMMISSION OF TEXAS  
DOCKET NO. 53719

Response of: Entergy Texas, Inc.  
to the Second Set of Data Requests  
of Requesting Party: Sierra Club

Prepared By: Phong Nguyen  
Sponsoring Witness: Anastasia R. Meyer  
Beginning Sequence No. LC382  
Ending Sequence No. LC382

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Question No.: SIERRA 2-9

Part No.:

Addendum:

Question:

Has Entergy conducted any analyses or assessments evaluating the impacts of the Inflation Reduction Act on the continued operation, replacement, or retirement (e.g., all retirement studies, unit condition assessments, or deactivation assessments) of any of its fossil-fuel burning generation resources? If yes, please provide all analyses, unredacted and in native format with all formulae intact. If not, why hasn't Entergy conducted such an analysis?

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Response:

President Biden signed the Inflation Reduction Act into law on August 16, 2022. In the short time since its passage, the Company has not performed any assessment of the impact of the Inflation Reduction Act on the long-term disposition of its fossil-fuel burning generation resources. The Entergy utilities have a need for long-term capacity and energy, and its supply plans already reflect the addition of thousands of megawatts of renewable capacity over the next decade, consistent with the benefits provided by the Inflation Reduction Act. The Company will continue to monitor market drivers and make resource planning decisions in customers' best interest, considering reliability, cost, and environmental stewardship.

The following files are not convertible:

RP-53719-00SIE002-X001-004.xlsx  
TP-53719-00SIE002-X001-003.xlsx  
TP-53719-00SIE002-X001-005.xlsx  
TP-53719-00SIE002-X001-006.xlsx  
TP-53719-00SIE002-X003-001 2-3a.xlsx  
TP-53719-00SIE002-

X007\_N6\_BC2U3\_Ancillary\_Energy\_Uplift.xlsx

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact [centralrecords@puc.texas.gov](mailto:centralrecords@puc.texas.gov) if you have any questions.