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February 2013 Final MEP Environmental SUMMARY

an a standi di shimun ana ana ang sa	Average Nox Rate (lbs/mmBtu)	Expected Nox (tons)	\$/MWHr Adder
Co-Owned Units (Also Reporte	d Selow Ly OnCo	Resionsition	V)
independence #1	0.17	414	\$0.00
Independence #2	0,19	476	\$0.00
White Bluff #1	0.28	615	\$0.00
White Bluff #2	0.29	114	\$0.00
Nelson 6	PO		

Ente	rgy Arka	nsas (EAI)	161
	Ownership	Average	Expected	\$/MWHr
	Shara	Nox Rate	Nox (tons)	Adder
Annual and Seasonal Program Units				
Ouachita #1		0.02	5 5	\$0 00
Ouachita #2		0.01	37	\$0.00
Ouachita #3		0.02	1 5	\$0.00
		Annual Total	10.7	15-15-16-16-16-16-16-16-16-16-16-16-16-16-16-
Seasonal Program Units Independence #1	24 60/	0.47	100	
White Bluff #1	31.5% 57.0%	0.17 0.28	130	\$0.00
White Bluff #2	57.0%	0.28	351 114	\$0.00
Lynch #2	01.070	0.20	114	\$0 00
Lynch #3				
Lynch #4				
Mabelvale			,	
Lake Catherine #1				
Lake Catherine #2			1	
Lake Catherine #3				
Lake Catherine #4				
Couch #1				
Couch #2				
Ouachita #1		0.02	5 5	\$0.00
Ouachita #2		0.01	37	\$0.00
Ouachita #3		0.02	1.5	\$0.00
		Seasonal Total	606	

Entergy Mississippi (EMI)

	Ownership	Average	Expected	\$/MWH-
	Shara	Nox Rate	Nox (tons)	Adder
Annual and Seasonal Program Units				
Andrus #1		0.24	75	\$0.05
Attala		0.02	24 3	\$0.00
Rex Brown #1				
Rex Brown #3				
Rex Brown #4				
Rex Brown #5				
Baxter Wilson #1				
Baxter Wilson #2		0.41	127	\$0 09
		Total	226.9	
Sessonal Program Units				
Independence #1	25.0%	0.17	104	\$0.00
Independence #2	25.0%	0.19	0	\$0.00
		Seasonal Total	104	

En Contraction of the End	lergy Texa	s Inc (ETI)		
	Ownership	Average	Expected	\$/MWH-
	Shere	Nox Rate	Nex (tons)	Adder
Annual Program Units				1
Lewis Creek #1		0.02	64	\$0.00
Lewis Creek #2		0.02	9.5	\$0.00
Nelson 6	29.9%			*0100
Sabine #1				

Allowance Costs Used	in Forecast
Seasonal (\$/ton)	\$0
Annual (\$/ton)	\$42

Expected Marke	t Costs
\$\$ of Allowances Used	\$43,336
\$/MWHr Adder (Avg)	\$0.03





Totels	1,032	0
ENOI	56	ő
EGSLA ELL	106 541	0
ETI	92	0
EAI EMI	11 227	0
	Annusi	Sessonal
0.	Entercy Sammery of	Neere

MEP

1/24/2013

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February 2013 Final MEP Environmental SUMMARY

Sabine #2 Dimmini #2 Dimmini #3 Dimmini #4 So 03 Sabine #3 0.11 47 S0 03 Sabine #4 0.11 47 S0 03 Sabine #5 0.08 29 S0 02 Sabine #6 29.9% So 03 S0 02 Sabine #6 Sabine #6 So 03 So 02 Mileson #3 Nelson #4 0.12 105 So 03 Nelson #3 Nelson #4 0.12 106 So 02 Willow Glen #2 0.08 0.3 So 02 Willow Glen #3 Nescent and Annual Program. Average Sabini for M7 Little Cypsy #1 0.02 1.3 S0 00 Sterlington #6 Sterlington #7 Little Cypsy #3 <th></th> <th></th> <th>Average Nox Rate (Ibs/mmBtu)</th> <th>Expected Nox (tons)</th> <th>\$/MWHr Adder</th>			Average Nox Rate (Ibs/mmBtu)	Expected Nox (tons)	\$/MWHr Adder	
Sabine #4 Sabine #5 0.08 29 50.02 Seeman Program Unite Nelson B 29.9% 29.9% 20.08 29 Seeman Unite Nelson B 29.9% 20.08 29 50.02 Seeman Unite Nelson B 29.9% 20.9% 20.08 20.02 Seeman Unite Nelson B 29.9% 20.08 20.02 20.02 Att Unite Perticipate in the Seeman Long Annual Program 0.0 0.00 0.00 0.00 Nelson #4 40.1% 0.12 105 50.03 30.02 Willow Glen #1 0.08 0.3 50.02 30.02 Willow Glen #2 0.08 0.3 50.02 Willow Glen #3 0.02 1.3 50.00 Sterington #7 100 50.02 1.3 Sterington #7 100 50.03 50.02 Unite Gypsy #1 0.12 10 50.03 Unite Gypsy #2 0.06 15 50.02 Unite Gypsy #3 0.11 1.3 50.04 Ninemile	Sabine #2		((10113)	<u>+ </u>	
Sabine #4 Sabine #5 0.08 29 50.02 Server Netson 8 29.9% Server Server 92 Server Server Server <td>Sabine #3</td> <td></td> <td>0.11</td> <td>47</td> <td>\$0.03</td>	Sabine #3		0.11	47	\$0.03	
Documents Program Units Nelson 6 29.9% Documentation 29.9% Entergy Gulf States 1 (ECSLA Att Units Participate in the Second and Annual Program Nelson #3 Nelson #3 Nelson #4 Nelson 6 Access 40.1% Essenter Nes (second and annual Program Source Nes (second and annual Program Quartering Nelson #4 Nelson 6 40.1% 0.12 105 \$0.03 Willow Glen #3 Willow Glen #4 Willow Glen #4 0.08 0.3 \$0.02 Ownership Calcasieu #1 Ownership Calcasieu #1 Ownership Calcasieu #1 Ownership Calcasieu #1 Ownership Calcasieu #1 Ownership Calcasieu #1 Ownership Social for #3 Willow Glen #2 0.08 0.3 \$0.02 Ownership Social for #4 Ownership Socia for #4 Ownersh	Sabine #4			1 7/	\$0.03	
Seevense Program Units Nelson 6 28.9% Seevense Program Seevense Source Sou	Sabine #5		0.08	29	\$0.02	
Second Program Units Nelson 6 29.9% Enterny Guil States 1 a (ECSL / I Arr Units Perticipate in the Second and Annual Program Nelson #3 Nelson #4 Nelson 6 40.1% Calcasieu #1 Calcasieu #2 Units Ofen #3 Willow Glen #3 Willow Glen #3 Willow Glen #4 Willow Glen #4 Willow Glen #5 Enterny Louisiana (ELL) Arr Units Perticipate in the Second and Annual Program Pertyville #1 Pertyville #1 NeeRate NeeRate NeeRate NeeRate NeeRate NeeRate NeeRate NeeRate NeeRate Same NeeRate NeeRate NeeRate Same NeeRate NeeRate Same NeeRate NeeRate Same NeeRate NeeRate NeeRate Same NeeRate NeeRate NeeRate NeeRate Same NeeRate					\$0 0Z	
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Conversion Annual Program Ownersion Annual Program Ownersion Average Expension Average Netson #3 Netson #3 Netson #3 Netson #3 Netson #3 Netson #4 Netson #4 Ownersing Average Expension Average Colspan="2">Solution #1 Ownersing Average Solution #1 Ownersing Average Colspan="2">Colspan="2">Solution #2 Villow Glen #1 Not for #1 Ownersing Average Expension #2 Ownersing Annual Program Ownersing Annual Program	Nelson 6	29.9%				
Ari Unite Pertucipate in the Second and Annual Program. Ownership Average Exercise S/MWHe Nelson #3 Nelson #4 0.12 105 \$0.03 Nelson #4 0.12 105 \$0.03 \$0.02 Willow Glen #1 0.08 0.3 \$0.02 Willow Glen #1 0.08 0.3 \$0.02 Willow Glen #2 0.08 0.3 \$0.02 Willow Glen #3 Willow Glen #4 0.02 1.3 \$0.00 Pertyville #1 Ownership Average Exercise \$/MWHe Art Unite Perticipate in the Second and Annual Program Ownership Average Sitemate \$/MWHe Art Unite Perticipate in the Second and Annual Program Ownership Average Sitemate \$/MWHe Art Unite Perticipate in the Second and Annual Program Ownership Average Sitemate \$/MWHe Art Unite Perticipate in the Second and Annual Program Ownership Average Sitemate \$/MWHe Materiord #1 Out Out 1.3 \$0.00 \$/MWHe			Seasonel Total	0		
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Calcasieu #1 Calcasieu #2 Willow Glen #1 Willow Glen #2 Willow Glen #3 Willow Glen #3 Willow Glen #4 Willow Glen #5 Conserving Annual Program. Art Units Participate in the Second and Annual Program. Art Units Participate in the Second and Annual Program. Perryville #1 Perryville #1 Perryville #2 Sterlington #6 Sterlington #7 Little Gypsy #2 Little Gypsy #3 Waterford #2 Ninemile #1 Ninemile #3 Ninemile #3 Ninemile #3 Ninemile #4 Ninemile #4 Ninemile #5 Buras #8 Conserving Average Conserving Annual Program. Conserving Annual Program. Art Units Participate in the Second and Annual Program. Ninemile #2 Ninemile #3 Ninemile #3 Ninemile #4 Ninemile #4 Ninemile #5 Buras #8 Conserving Average Conserving Av		40 407	0.12	105	\$0.03	
Calcasieu #2 0.08 0.3 \$0.02 Willow Glen #1 Willow Glen #2 106 106 Willow Glen #3 Willow Glen #4 106 106 Total 106 Solution #1 Ownership Average Solution #1 New Cice Solution #1 New Cice Solution #1 Vater ford #1 Vater ford #1 Ninemile #2 Ninemile #3 Ninemile #3 Ninemile #4 New Cice Solution 11 New Cice Solution 11 New Cice Solution 11 Ninemile #2 Ninemile		40.1%				
Willow Glen #1 Willow Glen #2 0.0 0.3 \$0.02 Willow Glen #2 Willow Glen #3 Willow Glen #4 106 Willow Glen #5 Total 106 Market Manual Program Ownership Ownership New Creates SMWH- Average Solop Sterlington #7 Little Gypsy #2 0.06 Difference Ninemile #1 Ninemile #3 Ovnership Ovnership Ovnership Ovnership Ovnership <td col<="" td=""><td></td><td></td><td>0.00</td><td>0.0</td><td></td></td>	<td></td> <td></td> <td>0.00</td> <td>0.0</td> <td></td>			0.00	0.0	
Willow Glen #2 Willow Glen #3 Willow Glen #4 Willow Glen #5 Totat 106 Totat New Cereate SMWH- Average SMWH- Average SMWH- Average SMWH- Average SMWH- Average SMWH- Value ford #1 Ninemile #1 Ninemile #3 Ninemile #4 <td< td=""><td></td><td></td><td>0.08</td><td>03</td><td>\$0.02</td></td<>			0.08	03	\$0.02	
Willow Glen #3 Willow Glen #4 Willow Glen #5 Total 106 Entergy Louisiana (ELL) All Units Perticipate in the Second stand Annual Program. Ownership Average Expected \$MWH- Pertyville #1 0.02 1.3 \$0.00 Pertyville #2 Sterlington #6 Sterlington #6 \$sterlington #7 Little Gypsy #1 0.02 1.5 \$0.02 Little Gypsy #2 0.06 1.5 \$0.02 Ninemile #1 0.12 10 \$0.03 Ninemile #2 0.11 1.3 \$0.04 Ninemile #3 0.11 1.3 \$0.06 Ninemile #4 0.26 2.39 \$0.06 Ninemile #5 0.29 2.62 \$0.06 Buras #8 Total 54 55.5						
Willow Glen #4 Willow Glen #5 Total 106 Total 106 Contergy Louistana (ELL) All Units Perticipate in the Second at and Annual Programs Ownership Average Expected SMWH, Average Pertyville #1 Pertyville #1 Pertyville #2 Sterlington #6 Sterlington #7 Little Gypsy #1 Little Gypsy #1 Little Gypsy #2 Do 06 Intel System Waterford #2 Ninemile #1 Ninemile #2 Ninemile #3 Ninemile #3 Ninemile #4 Ninemile #2 Ninemile #2 Ninemile #2 Ninemile #2 Ninemi						
Willow Glen #5 Total 106 Entergy Louisiana (ELL) Au Units Participate in the Second and Annual Programs Ownership Average Expected \$MWH. Accer No. Rate No. (cm) Accer Perryville #1 No. Rate No. Rate No. (cm) Accer Perryville #2 0.02 1.3 \$0.00 Sterlington #6 Sterlington #7 Ittle Gypsy #1 Ittle Gypsy #2 0.06 15 \$0.02 Little Gypsy #3 0.12 10 \$0.03 Ninemile #1 Ninemile #2 \$0.01 \$0.03 Ninemile #1 0.12 10 \$0.03 \$0.06 \$0.29 \$2.62 \$0.06 Ninemile #3 0.26 2.39 \$0.06 \$0.29 \$2.62 \$0.06 Numemile #5 0.29 2.62 \$0.06 \$0.29 \$2.62 \$0.06 Buras #8 Concestip Accerse Expected State \$0.05 \$0.05 Michoud #2 Net (ana) Accerse Expected State \$0.05						
Total 106 Entergy Louisiana (ELL) Arr Unite Perticipate in the Second and Annual Programs Ownership Average Perryville #1 O.02 1.3 Perryville #1 0.02 1.3 \$0.00 Perryville #2 Sterlington #6 Sterlington #6 Sterlington #7 Little Gypsy #1 0.06 1.5 \$0.02 Little Gypsy #2 0.06 1.5 \$0.02 Ninemile #1 0.12 10 \$0.03 Ninemile #1 0.12 10 \$0.03 Ninemile #3 0.11 1.3 \$0.06 Ninemile #3 0.11 1.3 \$0.06 Ninemile #4 0.26 2.39 \$0.06 Buras #8 Total \$41						
Entergy Louisana (ELL) Ari Units Participate in the Second and Annual Program Ari Units Participate in the Second and Annual Program Average Expected \$MWH. Perryville #1 O.02 1 3 \$0.00 Perryville #2 Sterlington #6 Sterlington #7 O.02 1 3 \$0.00 Sterlington #6 Sterlington #7 O.06 15 \$0.02 Little Gypsy #1 O.06 15 \$0.02 Waterford #1 O.12 10 \$0.03 Waterford #1 O.12 10 \$0.03 Ninemile #1 O.12 10 \$0.03 Ninemile #1 O.26 239 \$0.06 Ninemile #3 O.11 13 \$0.04 Ninemile #4 O.26 239 \$0.06 Buras #8 Total 541 Michoud #2 O.24 \$5.5 \$0.05	VINCIV Cleir #5					
All Units Perticipate in the Second and Annual Program Ownership Average Expected SMWH- Perryville #1 0.02 1.3 \$0.00 Perryville #2 Sterlington #6 1.3 \$0.00 Sterlington #6 Sterlington #7 1.3 \$0.02 Little Gypsy #1 0.06 1.5 \$0.02 Little Gypsy #3 0.06 1.5 \$0.02 Waterford #1 0.12 10 \$0.03 Ninemile #1 0.12 10 \$0.03 Ninemile #3 0.11 1.3 \$0.06 Ninemile #3 0.29 2.62 \$0.06 Buras #8 0.29 2.62 \$0.06 Michoud #2 0.24 55.5 \$0.05			Total	106		
Ownership Average Expected \$MWH- Shere Nex Rate Nex (tens) Asser Perryville #1 0.02 1.3 \$0.00 Perryville #2 Sterlington #6 \$0.00 1.3 \$0.00 Sterlington #6 Sterlington #7 1.3 \$0.00 \$0.00 Little Gypsy #1 0.06 1.5 \$0.02 Little Gypsy #3 0.06 1.5 \$0.02 Waterford #1 0.12 10 \$0.03 Waterford #2 0.12 10 \$0.03 Ninemile #1 0.26 2.39 \$0.06 Ninemile #3 0.11 1.3 \$0.06 Ninemile #4 0.26 2.39 \$0.06 Buras #8 Total 541 541)		
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Sterlington #7 Little Gypsy #1 0 06 15 \$0 02 Little Gypsy #2 0 06 15 \$0 02 Little Gypsy #3 Waterford #1 0.12 10 \$0 03 Waterford #1 0.12 10 \$0 03 Ninemile #1 0.12 10 \$0 03 Ninemile #2 0.11 13 \$0 04 Ninemile #3 0.11 13 \$0 06 Ninemile #4 0.26 239 \$0 06 Ninemile #5 0.29 262 \$0 06 Buras #8 Total 541	Perryville #2				\$0.00	
Little Gypsy #1 Little Gypsy #2 Little Gypsy #3 Waterford #1 Waterford #2 Ninemile #1 Ninemile #3 Ninemile #4 Ninemile #4 Buras #8 Contemporal Contemporation Entergy New Orleans (ENOI) Att Units Participate in the Second and Annual Program - Connership Average Expected SMWHr Average Expected SMWHr Nex Rete Nex Rete Nex (cons) Accer Michoud #2 Michoud #3	Sterlington #6					
Little Gypsy #2 Little Gypsy #3 Waterford #1 Waterford #2 Ninemile #1 Ninemile #3 Ninemile #4 Ninemile #5 Buras #8 Entergy New Orleans (ENOI) Att Units Participate in the Second and Annual Program a Connecting Average Expected SMWH, Att Units Participate in the Second and Annual Program a Michoud #2 Michoud #3 Michoud #3	Sterlington #7					
Little Gypsy #3 Waterford #1 Waterford #2 Ninemile #1 Ninemile #2 Ninemile #3 Ninemile #4 Ninemile #5 Buras #8 Entergy New Orleans (ENOI) All Units Participate in the Second and Annual Program a Ownership Average Expected SMWH, All Units Participate in the Second and Annual Program a Ownership Average Expected SMWH, Michoud #2 Michoud #3	Little Gypsy #1					
Little Gypsy #3 Waterford #1 Waterford #2 Ninemile #1 Ninemile #2 Ninemile #3 Ninemile #4 Ninemile #4 Buras #8	Little Gypsy #2		0.06	15	\$0.02	
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Ninemile #1 Ninemile #2 Ninemile #3 Ninemile #4 Ninemile #4 Ninemile #5 Buras #8	Waterford #1					
Ninemile #1 Ninemile #2 Ninemile #3 Ninemile #3 Ninemile #4 Ninemile #4 Ninemile #5 Buras #8	Waterford #2		0.12	10	\$0.03	
Ninemile #3 Ninemile #4 Ninemile #5 Buras #8 0.11 13 0.26 239 239 \$0.04 \$0.06 Total 0.29 262 \$0.06 Total 541 541 Connection of an use Programs Ownership Average Expected Michoud #2 Michoud #3 Nex Rets Nex Rets Nex (sons)	Ninemíle #1				<i>4</i> 000	
Ninemile #4 Ninemile #5 Buras #8 Entergy New Orleans (ENOI) All Units Participate in the Second and Annual Program - Ownership Average Expected \$MWHr Michoud #2 Michoud #3	Ninemile #2					
Ninemile #4 Ninemile #5 Buras #8 Entergy New Orleans (ENOI) All Units Participate in the Second and Annual Program - Ownership Average Expected \$MWHr Michoud #2 Michoud #3	Ninemile #3		0.11	12	\$0.04	
Ninemile #5 Buras #8	Ninemíle #4			-		
Buras #8 Total 541 Total 541 Entergy New Orleans (ENOI) All Units Participate in the Second and Annual Program Ownership Average Expected \$MWHr Michoud #2 Michoud #3	Ninemile #5					
Entergy New Orleans (ENOI) All Units Participate in the Second and Annual Program a Ownership Average Expected \$MWHr Michoud #2 Michoud #3 Nax Rate Nax Rate Nax (tons) Accor	Buras #8				0000	
Entergy New Orleans (ENOI) All Units Participate in the Second and Annual Program a Ownership Average Expected \$MWHr Michoud #2 Michoud #3 Nax Rate Nax Rate Nax (tons) Accor			Total	541		
Ail Unite Perticipate in the Seesen et and Annual Programs Ownership Average Expected \$MWHr Michoud #2 0.24 55.5 \$0.05 Michoud #3 State State State		1				
Ownership Average Expected \$MWHr Share Nex Rete Nex (tone) Adder Michoud #2 0.24 55.5 \$0.05 Michoud #3 Stare Stare Stare	Ente	rgy New Orl	leans (ENI	3 1)		
Shere Nex Rete Nex (tons) Adder Michoud #2 0.24 55.5 \$0.05 Michoud #3 0.000 0.000 \$0.05	All Units Participate in the Seasor	tet and Annual P	rograma			
Shere Nex Rete Nex (tens) Adder Michoud #2 0.24 55.5 \$0.05 Michoud #3 0.00 0.00 0.00		Ownership	Average	Expected	\$/MWHr	
Michoud #2 0.24 55.5 \$0.05 Michoud #3		Shere	Nox Rete	,		
Total 56	Michoud #3					
			Total	56		

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TEMPERATURE/LOAD FORECASTING

Date: 6/18/2012	Frid	ay	Satur	day	Sund	lay	Monday	
Previous Comparision (Fri)		PE		PE		PE		
Actual Load (MWH)	20053	2.2						
Actual Temperature (Hi/Lo Avg)	88/71					<u> </u>		
Actual Total Energy	395977	0.7						
Actual Forecast (MWH)	20497							
Temperature Forecast(Hi/Lo Avg)	90/70			1				
Total Energy Forecast	398584		1	1				
Previous Comparision (Sat)						1		
Actual Load (MWH)	19305	0.8	19305	3.2		 		
Actual Temperature (Hi/Lo Avg)	89/72		89/72	1		╂─────		
Actual Total Energy	382821	-0.1	382821	1.7	1	ł		
Actual Forecast (MWH)	19457	<u> </u>	19921	1				
Temperature Forecast(Hi/Lo Avg)	90/71		89/72	<u> </u>		 		
Total Energy Forecast	382484		389202					
Previous Comparision (Sun)						 		
Actual Load (MWH)	18826	0.8	18826	3.1	18826	0.4		
Actual Temperature (Hi/Lo Avg)	89/71		89/ 71		89/71	0.4		
Actual Total Energy	381821	-1.3	381821	0.6	381821	-1.4		
Actual Forecast (MWH)	18985		19418		18900	<u> </u>		
Temperature Forecast(Hi/Lo Avg)	89/70		89/70		89/71			
Total Energy Forecast	376853		384276		376334			
Forecast (Mon)								
Minimum Load (MWH)	12471		12638		12466		12903	
Load Forecast (MWH)	20817		20294		20230		20594	
Temperature Forecast(Hi/Lo Avg)	90/70		89/71		89/71		89 / 73	
Total Energy Forecast	404723		399637		400136		407025	
Forecast (Tue)								
Load Forecast (MWH)	20557		20987		20419		20744	
Temperature Forecast(Hi/Lo Avg)	90/71		91/71		89/72		89/72	
Total Energy Forecast	404674		409598		402792		406075	
Forecast (Wed)								
Load Forecast (MWH)	21064		21375		20929		20582	
Temperature Forecast(Hi/Lo Avg)	91/72		91/72		91/71		20382 90 / 71	
Total Energy Forecast	413554		417201		407255		402356	

Note:

Prepared at 6:54:57 AM on Monday, Jun 18 2012

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Forecasted Hourly Loads Prepared on Monday June 18, 2012

6:41 AM

Revised Data

System	n Temp :	89	73	Monda	y June 1	8, 2012	2	Total	Energy:	40	5241	
	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00
A.M.	14129	13515	13136	12929	#12903#	13681	13911	14603	15 458	1 64 51	17478	18410
P. M .	19193	19927	20387	#20594#	20524	20162	19676	19029	18653	18059	16865	15568
System	n Temp :	89	72	Tuesda	y June 1	9, 201	2	Total I	Energy:	408	8121	
	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00
A.M.	14641	13962	13476	13180	#13108#	13640	13995	14615	15432	16426	17445	18382
P.M.	19191	19989	20501	#20744#	20722	20326	19812	19142	18764	18143	16919	15566
System	Temp :	90	71 V	Vednesd	ay June	20, 20	12	Total E	Energy:	402	2837	
	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00
A.M.	14470	13815	13333	1303 9	#12947#	13400	13679	14251	15069	16069	17116	18111
P.M.	18956	19772	20315	#20582#	20544	20187	19658	18950	18493	17911	16726	15444
System	Temp :	92 7	71	Thursda	Thursday June 21, 2012			Total E	Energy:	407	/611	
	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00
A.M.	14430	13760	13272	12971	#12875#	13318	13591	14204	15101	16159	17289	18333
P.M.	19244	20125	20708	#21001#	20957	20592	20037	19363	18905	18322	17161	15893
System	Temp :	93 7	72	Friday	June 22	, 2012		Total E	nergy:	414	604	
	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00
A.M.	14837	14120	13603	13270	#13150#	13538	13749	14400	15393	16524	17713	18810
P.M.	19756	20603	21154	#21394#	21278	20894	20183	19391	18880	18355	17368	16241
System	Temp :	94 7	'3	Saturday	/ June 2	3, 2012	2	Total E	nergy:	407	771	
	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00
A.M.	15121	14362	13792	13415	13157	13217	#12893#	13426	14637	15960	17229	18369
P.M.	19321	20075	20600	#20868#	20795	20543	19972	19278	18815	18303	17349	16274
System	Temp :	93 7	3	Sunday	June 24	, 2012		Total E	nergy:	3994		
	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00
A.M.	15180	14406	13832	13429	13138	13095	#12676#	13166	14348	15554	16624	17650
P.M.	18632	19424	19980	#20267#	20222							

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Forecasted Hourly Temperatures

Jack Max 1		Little Max	Rock Min	New C Max)rleans Min		Rouge Min		Charles Min		mont Min		ston Min
Mon, Ju	n 18												
System:	89 73												
90	71	91	70	88	77	88	73	87	73	86	75	89	74
Tue, Jun	19									- <u>-</u>			
System:	89 72												
90	68	91	72	89	75	90	71	87	73	86	74	88	74
Wed, Ju	n 20												
System:	90 71												
92	68	92	71	89	74	90	70	88	73	89	74	89	74
Thu, Jun	21												
System:	92 71												
93	68	94	71	91	75	93	71	89	72	88	72	89	72
Fri, Jun	22												
System:	93 72												
95	71	95	71	91	75	93	72	90	74	90	74	92	73
Sat, Jun	23												
System:	94 73												
95	71	95	72	92	75	94	74	91	75	9 1	75	93	75
Sun, Jun	24												
System:	93 73												
95	71	94	71	91	76	93	72	9 0	74	91	75	94	75
Mon, Jun	25												
System:	91 72												
92	70	9 1	7 1	90	75	90	73	90	74	91	74	93	73

Prepared on Monday June 18, 2012

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HH Tim	ne: 6/18/2012	Morning R	eport For Tu	lesday, 06/19/	2012	
FUEL NAME	NEXTDAY PRICE	INV OIL PRICE	OIL PRICE			HH Price: \$ 2.440
WH BLUFF 1 COAL	\$ 1.842	INT OIL FROE	OIL PRICE	GAS PRICE	GAS - OIL DIFF	DISPATCH COMMENT
WH BLUFF 2 COAL	\$ 1.842			and the state (any engine		n per en menseur an an an ar aran anna an an an ar
IND 1 COAL	\$ 1.793			<u>+</u> − − .		
IND 2 COAL	\$ 1.793	- re				
NELSON 6 COAL	\$ 2.429	+	tana ana ang ang			ter manu un u
LK CATH 1 GAS	\$ 2.542	n 10 an				
LK CATH 2 GAS	and and another from the state of	n maganan ng maganan ng maganan	stander faire sure		1 Mathén tana - mangané apat mang pan	na maa aana aanaa aa aa aa aa ahaa ahaa
LK CATH 3 GAS	\$ 2.541 \$ 2.540		····		n maaa ga aana ga	
LK CATH 4 GAS	\$ 2.540		Al dis strategicants, such a strategicant de marcos promitient	 		
COUCH 1 GAS						
COUCH 2 GAS	\$ 2.532					
YNCH2 GAS	\$ 2.532				al bo anna o contra al consecuto materiale contra a que como que terror a sec	
	\$ 2.532					
YNCH 3 GAS	\$ 2.532		······································			
YNCH 4 OIL	\$ 21.451		\$ 21.451	\$ 2.532	(\$ 18.919)	
NOSES 1 GAS	\$ 2.815				····· Mandreave alle	
NOSES 2 GAS	\$ 2.816		-			ang atau ang
RTCHIE 1 GAS	\$ 2.816					ang Marinda ang ang ang ang ang ang ang ang ang an
	\$ 16.726		\$ 16.726	\$2.816	(\$ 13.910)	абе на умен јан _{ре нее}
RTCHIE 3 GAS	\$ 2.817			The presented of the start of		Man alli ann bail ann an
RTCHIE 3 OIL	\$ 21.451		\$ 21.451	\$ 2.816	(\$ 18.635)	
AILEY 1 GAS	\$ 2.940			·· ·· ·		
AILEY 1 OIL	\$ 5.000		* •••• ••••	• • • • • • • • • • • • • • • • • • •	tato aga 197 tadao	na na mana na mana na mana mana mana ma
ICCL 1 GAS	\$ 2.940	n ak akan		· ····	nan an .	and and the brance op constraints of
ACCL 1 OIL	\$ 6.500		1971 - 1971 - 1986 - 19	·····	na nata anga	anno ana ar ar ar
MBLEVALE GAS	\$ 2.533	i i i i i i i i i i i i i i i i i i i	n. 1996 - 1	· •••		Name Anno 1007 1007 1007 1007 1007 1007 1007
CREEK 1 GAS	\$ 2.347	the set of our can also	N No. 100 100 100 100		an analis and	e menore de la mana actuar anti-
CREEK 2 GAS	\$ 2.347		ali ana na dana ma		a 1984-reference again, como rece a	ten belander ander and
ABINE 1 GAS	\$ 2.553	1000 0000-1000-0000 per 1	tern and and the second and	· · · · · · · · · · ·	196(1961 - 1962) - 1970-1980 - 1970-1980 -	a that man inter annual inter agus salar annua agus agus jaran a
ABINE 2 GAS	\$ 2.552	- desent salagens fair-second (alter aller fastel fast and and and and an and and and and and
ABINE 3 GAS	\$ 2.552	ngan ngan penginakan penginakan gerapakan penginakan penginakan penginakan penginakan penginakan penginakan pen		·	-terde and Maraja - specards -	
ABINE 4 GAS	\$ 2.552	, and an an an in the second sec			Managana and any car with summarian	and and a second s
ABINE 5 GAS	\$ 2.551	men taat taan 1	· · · · · · ·			
GLEN 1 GAS	\$ 2.492	an a				
VGLEN 2 GAS	\$ 2.492					
GLEN 2 OIL	\$ 19.410		\$ 19.410	\$ 2.492	(\$ 16 019)	
GLEN 3 GAS	\$ 2.512	· · · · · · · · · · · · · · · · · · ·	ψ13. 1 10	J 2.452	(\$ 16.918)	Gas is more economical
GLEN 4 GAS	\$ 2,493					
GLEN 4 OIL	\$ 14.882		¢ 14 892	£ 2 402	(0.40.000)	
GLEN 5 GAS	\$ 2.512	the meaning and the mass	\$ 14.882	\$ 2.492	(\$ 12.390)	Gas is more economical
GLEN 5 OIL	\$ 14.916	•• •••• ••••				an inne maleret (seatonette same sent se gene senter sectore sente later for
ELSON 3 GAS	\$ 2.432	ten parte inte de aver p	\$ 14.916	\$ 2.492	(\$ 12.424)	Gas is more economical
ELSON 4 GAS						anna and market an an an an
GYPSY 1 GAS	\$ 2.432	·······				
GYPSY 2 GAS	\$ 2.436	·		+	1944 - 1941 - 1	
GYPSY 2 OIL	\$ 2.450				10 Mar 10 Mar 10 Mar 10 Mar	· · · · · · · · · · · · · · · · · · ·
GYPSY 3 GAS	\$ 20.487	····	\$ 20.487	\$ 2.436	(\$ 18.051)	Gas is more economical
MIGAS	\$ 2.453	nt and part that that determine			- And South and a state of the south of the	- •••• ••••••
····	\$ 2.451					
VIZ GAS	\$ 2.451	10 m 11 m 11				
VI2 OIL	\$ 20.485	107 107 10000 Map 100	\$ 20.485	\$ 2.451	(\$ 18.034)	Gas is more economical
VI3 GAS	\$ 2.450					n samaa ahta saacaa ahaa ahaa kaana ahaa aha yaa yaaya saaya
VI4 GAS	\$ 2.452	1 1	N/46 144491141 - 144 - 144		and the set of the set	n na an
V14 OIL	\$ 19.874		\$ 19.874	\$ 2.451	(\$ 17.423)	Gas is more economical
M5 GAS	\$ 2.452		·····	16	Ten on and and manage	ann ann an the sec
/15 OIL	\$ 19.873	1991 - 19 94	\$ 19.873	\$ 2.451	(\$ 17.422)	Gas is more economical

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		····-				Page 5 of 20
	NEXTDAY PRICE	INV OIL PRICE	OIL PRICE	GAS PRICE	GAS - OIL DIFF	DISPATCH COMMENT
WATERF 1 GAS	\$ 2.450					
WATERF 1 OIL	\$ 14.823	4	\$ 14.823	\$ 2.450	(\$ 12.373)	Gas is more economical
WATERF 2 GAS	\$ 2.451	1		T		The second
WATERF 2 OIL	\$ 14.824		\$ 14.824	\$ 2.450	(\$ 12.374)	Gas is more economical
WATERF 4 OIL	\$ 20.438		\$ 20.438	\$ 2.450	(\$ 17.988)	ander anne and anne ingen ingen ange
MICHOUD 1 GAS	\$ 2.622	1				
MICHOUD 2 GAS	\$ 2.543			• • · ·		Anno men _{na a}
MICHOUD 3 GAS	\$ 2.542			• · · · · · · · · · · · · · · · · · · ·	* .	an
MICHOUD 3 OIL	\$ 14.829		\$ 14.829	\$ 2.622	(\$ 12.207)	Gas is more economical
STERL 6 GAS	\$ 2.542	· · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •	e ne la case	er Mennel (med 1994 - 1994) ann fan Sant Sant Sant Sant Sant Sant Sant Sa
STERL 7 GAS	\$ 2.550		ng. 1995 g	• • • ·	n da de de	na-nativajama nakat kata nakat kata naka naka naka
STERL 7 OIL	\$ 21.117		\$ 21.117	\$ 2.542	(\$ 18.575)	Gas is more economical
BURAS 8 GAS	\$ 2.951		shirifi ummanan unur tanan ana umug pag	an annan 1968 - Madaan anna 1963 an an an	n de las cares a	
BURAS 8 OIL	\$ 20.448	1 1400 min was also	\$ 20.448	\$ 2.951	(\$ 17.497)	pr 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 200
GA 1 GAS	\$ 2.484	· · · · · · · · ·	anna ann anns an a	an nan haan haan dari	n antan in in	an and and a second
GA 1 OIL	\$ 14.883	ч ан арт	\$ 14.883	\$ 2.484	(\$ 12.399)	Gas is more economical
BW 1 GAS	\$ 2.487			······································		
BW 1 OIL	\$ 14.749	· · · · · · · · · · · · · · · · · · ·	\$ 14.749	\$ 2.487	(\$ 12.262)	Gas is more economical
BW 2 GAS	\$ 2.488					
BW 2 OIL	\$ 14.750		\$ 14.750	\$ 2.487	(\$ 12.263)	Gas is more economical
DELTA 1 GAS	\$ 2.482			· · · · · · · · · · · · · · · · · · ·		
DELTA 1 OIL	\$ 16.003		\$ 16.003	\$ 2.482	(\$ 13.521)	Gas is more economical
DELTA 2 GAS	\$ 2.482		-			
DELTA 2 OIL	\$ 16.003		\$ 16.003	\$ 2.482	(\$ 13.521)	Gas is more economical
REX BROWN 1 GAS	\$ 2.491	i	· · · · · · · · · · · · · · · · · · ·	a need too talkalad aya a		
REX BROWN 3 GAS	\$ 2.492		ka	·	· · · · · · ·	and 1997 and 1998 at 1997 at 19
REX BROWN 4 GAS	\$ 2.494	-			·	a na
REX BROWN 5 OIL	\$ 20.234	- +	\$ 20.234	\$ 2.491	(\$ 17.743)	1999 - 1998 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
PERRYVILLE1GAS	\$ 2.368	Mar Ann				- 1460 ANNO 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1361 - 1
PERRYVILLE 2 GAS	\$ 2.643		nti unut maarinagi	100 000 -191 1000 -1	Marcana and Marcana	9 8087 100000 10-100 100
ATTALA 1 GAS	\$ 2.389		-			9 11 1981 - Mare Mana Age, ag ar
COTTONWOOD 1 GAS	\$ 2.440	••• ••• I			ar anna an an	n met de samen sams nas nas nas nas ses
CARVILLE 1 GAS	\$ 2.756				name and included in	er per kann mannan kan kan an
CALCASIEU 1 GAS	\$ 2.941				-91 444 444-146 44	n fann - annan anna anna agus anna - anna anna anna anna anna agus anna
CALCASIEU 2 GAS	\$ 2.941	n	· · · · · · · · · · · · · · · · · · ·			n man anna anna anna anna anna anna ann
OUACHITA 1 GAS	\$ 2.434					an an an an an an an an an
OUACHITA 2 GAS	\$ 2.434	Marian Mariana Ana	1997 - National and Angelenge and		ann ann ann ann ann an ann an ann an ann an a	antanan ana ana ana ana ana ana ana ana
OUACHITA 3 GAS	\$ 2.434	and the constant and the second se	и неманик колоналарындын т	aran 1999 alar ana ang manan ang mang sa	talan aphinan pari karan kapa a	ar jangang pana takahangkakanan kananan pana pengan matalakan kanan kananan jama dakatanan. Makatana u
HINDS 1 GAS	\$ 2.590	and signed the second signed and the same signed	····	1989 Aller aler anna 26 ann		
HOTSP 1 GAS	\$ 2.930				1001 9461 481 •	a 100 100
PUPP 1 GAS	\$ 2.589		+			
SANJAC 1 GAS	\$ 2.767					
SANJAC 2 GAS	\$ 2.767	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
HARDIN 1 GAS	\$ 2.500					
HARDIN 2 GAS	\$ 2.500		······			
ACADIA 2 GAS	\$ 2.640					an a

		Tuesday	6/19/12			Wednesdav	av 6/20/12	2
6/18/12		Purci	Purchases			Purci	Purchases	
	300		006	1200	300	009	006	1200
	NORTH	NORTH	NORTH	NORTH	NORTH	NORTH	NORTH	NORTH
Hour 1	19.19	18.54	18.34	17.94	18.56	18.30	17.93	16.95
	17.86	17.57	16.63	16.49	17.61	16.66	16.53	16.34
Hour 3	16.53	16.60	16.11	15.73	16.66	16.11	15.84	0.00
	16.59	15.88	15.13	0.00	15.93	15.18	0.00	0.00
	16.39	15.74	15.00	00.0	15.74	15.00	0.00	0.00
Hour 6	16.73	16.57	16.28	15.73	16.54	16.12	15.63	00.0
	16.69	16.59	16.21	0.00	16.58	15.88	00.0	0.00
	18.13	17.74	16.72	16.48	17.10	16.67	16.21	15.08
Hour 9	17.77	16.76	16.64	15.92	17.76	16.72	16.63	15.90
Hour 10	18.28	17.92	16.93	16.63	18.34	17.75	16.60	16.55
. 1	20.85	19.30	18.42	18.08	20.10	20.70	19.32	18.42
	21.22	20.30	20.15	20.72	21.59	21.26	20.35	20.13
	21.83	21.55	20.94	20.34	22.17	22.25	21.69	21.58
	22.47	22.39	22.05	21.76	22.81	22.72	22.47	22.28
	22.84	22.64	22.39	22.22	23.46	23.08	22.90	22.59
Hour 16	23.01	22.90	22.69	22.40	24.67	23.27	22.91	22.84
	23.03	22.91	22.65	22.38	24.27	23.20	22.88	22.80
	22.80	22.61			23.19	22.78	22.75	22.56
	22.35	22.16	21.92	21.54	22.79	22.55	22.31	22.04
Hour 20	21.80	21.30	20.64	20.22	22.21	22.02		21.31
	21.13	21.20	20.43	20.08	21.59	20.86	21.33	20.38
	20.00	20.36	19.71	18.61	21.23	20.32	20.22	20.65
HOUL 23	20.26	18.57	18.41	18.11	20.40	20.08	20.82	19.15
	20.01	18.54	18.39	18.14	18.54	18.40	18.09	17.21
On Pk Avg	20.89	20.54	20.05	19.96	21.24	20.75	20.68	20.34
UTT PK AVG	17.95	17.25	16.79	17.02	17.50	16.98	17.47	17.41

\$2.44 \$31.00 Implied HR = WKD ND Gas (HH) = ND Power =

12.7

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Next Day Station MWH Forecast

Export Date: 6/18/2012

Produced on: Mon 6/18/2012 8:04:55 AM

Gas Day Beginning: Tue, 6/19/2012 9:00 AM

Gas Day Ending: Wed, 6/20/2012 9:00 AM

Load

Plant	Fuel Type	Projected Daily
ANO	Nuclear	43872
GrandGulf	Nuclear	11400
Riverbend	Nuclear	20160
Waterford	Nuclear	27816
Fuel Type SubTotal	Nuclear	103248
Independence	Coal	30777
WhiteBluff	Coal	32106
Nelson 6	Coal	12936
Fuel Type SubTotal	Coal	75819
Couch	Gas	0
Lake Catherine	Gas	5940
Lynch	Gas	0
Ouachita	Gas	0
Ritchie	Gas	0
Moses	Gas	0
Ninemile	Gas	15202
Waterford	Gas	0
Little Gypsy	Gas	7530
Sterlington	Gas	0
Perryville	Gas	12244
Michoud	Gas	7316
Baxter Wilson	Gas	11401
G. Andrus	Gas	9118
Rex Brown	Gas	1012
Delta	Gas	0
Attala	Gas	10920

Home ▶

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Lewis Creek	Gas	6501
Sabine	Gas	11173
Willow Glen	Gas	7462
Nelson	Gas	5980
Acadia	Gas	11432
Bailey	Gas	0
McClellan	Gas	840
Fuel Type SubTotal	Gas	124071
Mabelvale	Deales	
	Peaker	0
Buras	Peaker	0
San Jacinto	Peaker	0
Hardin	Peaker	0
Fuel Type SubTotal	Peaker	0
PURCHASES		47935
QF		38909
IMBAL / TEST ENERGY		0
Total Sources		389982
.	····	
SALES		7446
CO-OWNER SALES		1140
LOAD		406116
Total Sinks		414702

Next Day Station Fuel Burn Forecast

Export Date: 6/18/2012

Produced on: Mon 6/18/2012 8:05:42 AM

Gas Day Beginning: Tue, 6/19/2012 9:00 AM

Gas Day Ending: Wed, 6/20/2012 9:00 AM

Load

Name	Company	Fuel Type	Projected Daily	Min Daily	Max Daily
<u>ANO</u>	EAI	Nuclear	987800	493896	493896
<u>GrandGulf</u>	EMI	Nuclear	132846	117888	157776
<u>Riverbend</u>	EGSLA	Nuclear	214128	214128	214128
Waterford	EL LLC	Nuclear	292503	292512	292512
Independence	EAI	Coal	333995	159912	434544
<u>WhiteBluff</u>	EAI	Coal	345553	135528	423024
<u>Nelson 6</u>	EGSLA	Coal	139842	139848	139848
Couch	EAI	Gas	0	0	0
Lake Catherine	EAI	Gas	61833	16776	106896
Lynch	EAI	Gas	0	0	0
Lynch	EAI	Oil	0	0	0
<u>Ouachita</u>	EAI	Gas	0	0	0
<u>Ouachita</u>	EGSLA	Gas	0	0	0
<u>Ritchie</u>	EAI	Gas	0	0	0
<u>Ritchie</u>	EAI	Oil	0	0	0
Moses	EAI	Gas	0	0	0
<u>Ninemile</u>	EL LLC	Gas	165367	115776	278952
<u>Waterford</u>	EL LLC	Gas	0	0	0
Little Gypsy	EL LLC	Gas	83808	73488	141504
<u>Subtotal</u>	None	None	249175	189264	420456
<u>Ninemile</u>	EL LLC	Oil	0	0	0
Waterford	EL LLC	Oil	0	0	0
Little Gypsy	EL LLC	Oil	0	0	0
Sterlington	EL LLC	Gas	0	0	0
Sterlington	EL LLC	Oil	0	0	0
<u>Perryville</u>	EL LLC	Gas	84142	76608	88992
<u>Michoud</u>	ENOI	Gas	77836	59112	111576

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Michoud	ENOI	Oil	0	0	0
Baxter Wilson	EMI	Gas	129855	109680	193344
Baxter Wilson	EMI	Oil	0	0	0
<u>G. Andrus</u>	EMI	Gas	94085	58992	139272
Rex Brown	EMI	Gas	13799	13320	18024
<u>G. Andrus</u>	EMI	Oil	0	0	0
Rex Brown	EMI	Oil	0	0	0
<u>Delta</u>	EMI	Gas	0	0	0
<u>Delta</u>	EMI	Oil	0	0	0
<u>Attala</u>	EMI	Gas	76911	76920	76920
Lewis Creek	ETI	Gas	68733	31944	110232
Sabine	ETI	Gas	131867	117432	180072
Willow Glen	EGSLA	Gas	79934	72048	122976
Willow Glen	EGSLA	Oil	0	0	0
<u>Nelson</u>	EGSLA	Gas	73925	61296	108000
Calcasieu	EGSLA	Gas	0	0	0
Mabelvale	EAI	Peaker	0	0	0
<u>Acadia</u>	Acadia	Gas	83531	63648	95832
<u>Buras</u>	EL LLC	Peaker	0	0	0
<u>Bailey</u>	AECC	Gas	0	0	0
Bailey	AECC	Oil	0	0	0
<u>McClellan</u>	AECC	Gas	10128	10128	10128
<u>McClellan</u>	AECC	Oil	0	0	0
San Jacinto	ETEC	Peaker	0	0	0
<u>Hardin</u>	ETEC	Peaker	0	0	0



7 Day Peak Hour View

			Nuciear	
Old Status	New Status	Effective Date	Effective HE	Notes
TEST/DESLAG	ONLINE/RL	6/19/2012	07	
			Power Contract	
Old Status	New Status	Effective Date	Effective HE	Notes
OFFLINE/RS	ONLINE/RL	6/19/2012	11	
- ONLINE/RL	OFFLINE/RS	6/19/2012	24	
OFFLINE/RS	ONLINE/RL	6/20/2012	10	· · · · · · · · · · · · · · · · · · ·
ONLINE/RL	OFFLINE/RS	8/20/2012	23	
· OFFLINE/RS	ONLINE/RL	6/21/2012	10	
ONLINE/BL	OFFLINE/RS	6/21/2012	23	
OFFLINE/RS	ONLINE/RL	6/22/2012	10	· · ·
ONLINE/RL	OFFLINE/RS	6/22/2012		
	DId Status OFFLINE/RS OFFLINE/RS OFFLINE/RS OFFLINE/RS OFFLINE/RS OFFLINE/RS OFFLINE/RS	Did Status New Status OFFLINE/RS ONLINE/RL OFFLINE/RS ONLINE/RL	TEST/DESLAG ONLINE/RL 6/19/2012 Old Status ONLINE/RL 6/19/2012 OFFLINE/RS ONLINE/RL 6/20/2012 OFFLINE/RS ONLINE/RL 6/20/2012 OFFLINE/RS ONLINE/RL 6/21/2012 OFFLINE/RS ONLINE/RL 6/21/2012 OFFLINE/RS ONLINE/RL 6/22/2012 OFFLINE/RS ONLINE/RL 6/22/2012 OFFLINE/RS ONLINE/RL 6/22/2012 OFFLINE/RS OFFLINE/RS 6/22/2012	Old Status TEST/DESLAG New Status ONLINE/RL Effective Date 6/19/2012 Effective HE 07 Old Status OFFLINE/RS New Status ONLINE/RL Effective Date 6/19/2012 Effective HE Effective HE OFFLINE/RS ONLINE/RL OFFLINE/RS 6/19/2012 11 ONLINE/RL OFFLINE/RS OFFLINE/RS 6/19/2012 24 OFFLINE/RS ONLINE/RL 6/20/2012 10 ONLINE/RL OFFLINE/RS OFFLINE/RS 6/20/2012 23 OFFLINE/RS ONLINE/RL 6/21/2012 23 OFFLINE/RS ONLINE/RL 6/22/2012 10 OFFLINE/RS ONLINE/RL 6/21/2012 23 OFFLINE/RS ONLINE/RL 6/22/2012 10 OFFLINE/RS ONLINE/RL 6/22/2012 10 OFFLINE/RS ONLINE/RL 6/22/2012 23

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7 Day Peak Hour View

Hour View	V										P
Carville B	OFFL	INE/RS	0	ILINE/RL	6/23/2012	11	1				I
Carville B	ONL	NE/RL	OF	FLINE/RS	6/24/2012	01			-	•	
Carville B	OFFL	INE/RS	0	ILINE/RL	6/24/2012	11					
Carville C	OFFL	INE/RS	ON	ILINE/RL	6/19/2012	15					
Carville C	ONLI	NE/RL	OF	FLINE/RS	6/19/2012	18		~			·· -
Frontier ND/CD	OFFL	INE/RS	ON	ILINE/RL	6/19/2012	09					
Frontier ND/CD	ONL	NE/AL	OF	FLINE/RS	6/19/2012	24					-
Frontier ND/CD	OFFL	INE/RS	ON	LINE/RL	6/20/2012	10					
Frontier ND/CD	: ONLI	NE/RL	OF	FLINE/RS	6/21/2012	01		ten e dana		AN A PLAN AND AND AND AND AND AND AND AND AND A	-
Frontier ND/CD	OPFL	NE/RS	ON	ILINE/RL	6/21/2012	10					
Frontier ND/CD	ONLI	NE/RL	OF	FLINE/RS	6/22/2012	01	[
Frontier ND/CD	OFFL	ine/rs	ON	ILINE/RL	6/22/2012	10				· ··· ··· ····························	198.7 %.
Frontier ND/CD	ONL	NERL	OF	FLINE/RS	6/23/2012	01	• •				~
Frontier ND/CD	OPFL	NE/RS	ON	LINE/RL	6/23/2012	10					
Frontier ND/CD	* ONLI		OFI	FLINE/RS	6/24/2012	01				+	
Frontier ND/CD	OFFL	NE/RS	ON	LINE/RL	6/24/2012	10			76. 766 /0		
Frontier ND/CD 2	ÖFFU	NE/R8	ÖN	LINE/RL	6/19/2012	10	··· ·	* *			**
Frontier ND/CD 2	ONLI	NERL	OF	FLINE/RS	6/19/2012	23					
Frontier ND/CD 2	OFFU	NE/RS	ON	LINE/RL	6/20/2012	10					
Frontier ND/CD 2	ONLI	NE/RL	OF	FLINE/RS	6/21/2012	01	•	• •	new na e mage		·
Frontier ND/CD 2	OFFU	NE/RS	ON	ILINE/RL	6/21/2012	10					
Frontier ND/CD 2	ÔNLI	NE/RL	OFF	FLINE/RS	6/22/2012	01					
Frontier ND/CD 2	*•OFFL	NE/RS	ON	LINE/RL	6/22/2012	10					
Frontier ND/CD 2	ONLI	NE/RL	ÖFF	FLINE/RS	6/23/2012	01	•	*			
Frontier ND/CD 2	OFFL	NE/RS	ON	ILINE/RL	6/23/2012	10					
Frontier ND/CD 2	ÓNLI	NE/RL	OFF	FLINE/RS	6/24/2012	01					
Frontier ND/CD 2	OFFU	NĘ/ŔS	ON	LINE/RL	6/24/2012	10	-			•	1
OXY B (ND Only)	OFFL	NE/RS	ON	LINE/RL	6/19/2012	11		-*	+		
OXY B (ND Only)	ONLI	NE/RL	OFF	LINE/RS	6/19/2012	23					
OXY B (ND Only)	OFFLI	NE/RS	ON	LINE/RL	6/20/2012	12					
OXY B (ND Only)	ONLI	NE/RL	OFF	LINE/RS	6/20/2012	23	-		т. т. н. нун.	a. a. a.	
OXY B (ND Only)	¥ OFFU	NE/RS	ON	LINE/RL	6/21/2012	12					
OXY B (ND Only)	ONLI	NE/RL	OFF	LINE/RS	8/21/2012	23					
OXY B (ND Only)	ÓFFU	NE/RS	ON	LINE/RL	6/22/2012	12					
OXY B (ND Only)	QNLII	NE/RL	OFF	LINE/RS	6/22/2012	23		и	at the same when the annu		1
Oxy C (ND/CD)	OFFU	NE/RS	ON	LINE/RL	8/20/2012	14					
Oxy C (ND/CD)	ØNLI	NE/RL	OFF	LINE/RS	8/20/2012	18					1
Oxy C (ND/CD)	OFFU	NE/AS	ON	LINE/RL	6/21/2012	14			* * * * ****	•••	-
Oxy C (ND/CD)	ONLI	NE/RL	OFF	LINE/RS	8/21/2012	18		*		• • • • • •	
Oxy C (ND/CD)	OFFL	NE/RS	ON	LINE/RL	6/22/2012	14					
Oxy C (ND/CD)	ONLI	NE/RL	OFF	LINE/RS	6/22/2012	18					
						WPP					
Unit		Old St	atus	New Status	Effective Date		<u> </u>		Notes		7
WPP NRG PO905	38D CW	THE REAL PROPERTY.		ONLINE/RL	6/19/2012	09	1		140498		
WPP NRG PO905			4 - militan	OFFLINE/MO	6/19/2012	24		-	An an in an one		· -
WPP NRG PO905	And the second second	A Constitution of the		OFFLINE/RS	6/20/2012	01	·ŀ				
WPP NRG PO905		wind in the second states of	and services .		6/20/2012	12					

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WPP NRG PO90538D CW	OFFLINE/MO	ONLINE/RL	6/19/2012	09	
WPP NRG PO90538D CW	ONLINE/RL	OFFLINE/MO	6/19/2012	24	rin 1. An an arana sana sa ana ana ana ana ana ana ana
WPP NRG PO90538D CW	OPFLINE/MO	OFFLINE/RS	6/20/2012	01	the contract of the
WPP NRG PO90538D CW	OFFLINERS	ONLINE/RL	6/20/2012	12	
WPP NRG PO90538D CW	ONLINERL	OFFLINE/RS	6/20/2012	23	
WPP NRG PO90538D CW	OFFLINE/RS	ONLINE/RL	6/21/2012	12	n man an index an ann an
WPP NRG PO90538D CW	ONLINERL	OFFLINE/RS	6/21/2012	23	مربود برد به ۲۰۰۰ =
WPP NRG PO90538D CW	OFFLINE/RS	ONLINE/RL	6/22/2012	12	
WPP NRG PO90538D CW	*ONLINE/RL	OFFLINE/RS	6/22/2012	23	•
WPP NRG PO90538D CW	OFFLINE/RS	OFFLINE/MO	6/23/2012	01	· · · · · · · · · · · · · · · · · · ·
		the second se			

and the second	Hour Ending	Unit	Notes
6/19/2012	1	Degray 1	RTS unknown for 2012
6/19/2012	1	Ninemile 1	Effective 10/07/11 no oil burn capability at Ninemile station until 06/01/2012
6/19/2012	1	Lk Cathr 3	Possible Generator ground
6/19/2012	1	Lynch 3	Unavailable July 1st for environmental restrictions.
6/19/2012	1	Degray 2	Oil Leak
6/19/2012	1	Waterfrd 1	Turbine bearing damage due oli fire
6/19/2012	1	Acadla Station	RTC until further notice
8/19/2012	1	Lt Gypsy 2	PO estimated RTS 7/22
6/23/2012	1	Degray 2	Transformer leak
6/23/2012	1	Lk Cathr 4	Repair boiler tube leak
7/9/2012	1	Bailey 1	RRR 20120605_081042
7/23/2012	1	Sanjac 1	RATA test run on July 24th and 24th
7/23/2012	1	Sanjac 2	RATA test run 07/24 & 07/25

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Next Day Hourly Reserve Profile

Next Day Hourly Reserve Profile

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- Reserves

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Load and Capability

															2013	Exhib TX Ra Page	ate Ca	ase	
Sun - 06/24/20	836 836		1201 OMLINERL No	A LAND	1159 ONLINERL No 1159 No	844 ONLINERL No 220 No	AL CONTRACT OF	EA2 ONLINERL No 220 No			bosible Ganerator ground	D OFFLINEMO No		5 OFFLNERS No		0 No		O No No	
Sat - 06/23/2012 Rating Statue Dente	B36 ONLINERL No B36 No		1201 ONLINERL No 1201 No No		1159 ONLINERL No 1159 ONLINERL No	ON 1230FINO 776		842 ONLINERL No -		20 OFFLNEUD No	neralor ground	0 OFFLINEMO No		OFFLINERS No		D EXTENDED RESERVE SHUTDOWN No O No		3 OFFLINERS No 0 No	
Fri - 06/22/2012 Rating Status Derate	036 ONLINERL No		750 ONLINERU No		1159 ONLINERL No	844 ON INFRE		842 ONLINERL No 220 No		OFFLINELUO No	ground Alerte Al	0 OFFLINEMO No 0 No		S OFFUNERS No		0 No		3 OFFLINEARS No 0 No	A STATE AND A CONTRACT OF A DESCRIPTION OF A
Thu - 06/21/2012 Rating Status Derate	836 ONLINERL No 836 No		600 ONLINERL No 600 No	A STATE OF STATE	No NIVERIT No	220 No No No		842 ONLINERL No 220 No	A CONTRACT OF	£		0 OFFLINEMO No 1		5 OFFLINERS No		0 EXTENDED 0 RESERVE 8HUTDOWN 0 No			
Wed - 06/20/2012 Rating Status Derate	836 ONLINERA		600 ONLINERAL No 600 No		1159 ONUNERL No 1159 No	220 No No No		842 ONLINERL No 220 No		20 OFFLMEIUO 20 No No No				s OFFLNERS No 5 No		D RESERVE No SHUTDOWN No 0 No		3 OFFLINERS No	「「「「「「」」」」」」」「「「」」」」」」」」」」」」」」」」」」」」」」
012 Tue - 06/19/2012 Derate Rating Status Derate	ONLINERL		400 CMLINERIA No 400 No		1159 OMLINERL No	220 TESTIDESLAG No		82 ONLINERL No 220 No		20 OFFLMEUO No 20 No Possible Committer conjunct		0 OFFLINEANO No 0 No		S OFFLINE/RS No		D EXTENDED RESERVE SHUTDOWN No		3 OFFLINERS No	
Mon - 06/18/2 Rating Status	ONLINER		164 ONLINERL No 184 No ascending from start up		1159 ONLINERL No 1159 No No	220 No No		B42 ONLINERL No		20 OFFLINELUO No 20 No No No Possible Generator ground		0 OFFUNEMO No		5 OFFLINERS No 5 No		D EXTENDED RESERVE SHUTDOWN No D No		0 OFFLMERS No	
Region Seasonal Rating	Max 836 NORTH Min 838 Notes	All the second se	Mar 1201 CENTRAL Min 184 Notes		AMITSOUTH Min 1159 AMITSOUTH Min 1159	North Min 220 Notes Votes		NORTH Mar 842 NORTH Min 220		NoRTH Min 20 Notes Notes		North Mar 0 North Min 0 Notes		Next 5 NORTH Min 5 Notes		NORTH Max 0 NORTH Man 0		NorTH Max 3 NorTH Min 0 Notes	
Source	ANO 1	No.5	Gr. Gulf 1	Restantion of the second	Waterfrd 3	Wh Bluff 2		Indepn 2	Nelson	Lk Cathr 3	Breathing	Couch 1	South 25	Lynch 4		Ritchie 3		Remmel 2	

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A CONTRACTOR NO	31 CONCINENTORO			35 ONLINEATORO			RTS unknown for 2012 References for the second s	25 OFFLINERS &		14 OFFLNERS 6		14 OFFLNERS No		230 ONLINERT NO		- 212 - ONLINERT No		390 ONLNERL No 390 ONLNERL		450 ONLINEPD Yes	化合金 包	195 ON INERE No		2
	ONLINEAMDRO	1		SS ONLINEAMORO No		46 OFFLINEPO No	RTS unknown for 2012	25 OFFLINERS No		14 OFFLINERS No		14 OFFUNERS No				212 ONLINERL No 20 RMR No		390 CNLINERL No 55 RMR No		450 ONLINE/PD Yes		185 ON JNE/RL No 40 No		
	31 ONLINEMYDRO	0 No		35 ONLINEATYDRO No			RTS unknown for 2012 A set of the	R OFFLINERS R OFFLINERS		A OFFLINERS		14 OFFLINERS No		230 CONTINERT No 50 RMR No		212 ONLINERL No 50 RMR No		390 ONLINERU No 55 RMR		450 ONLINEPD Yes		185 ONLINERU No 40 No No	A WAY I TESTOFELAG	-
	NINO IE	0 W0		35 ONLINEAMORO No 0 No			KIS UNKNOWN IOT 2012	25 OFFLINERS 25 No			And Annual An		And Andrease and Andr	230 ONUNERL No 50 RMR No		212 ONUNERL No 50 RMR No		55 RANR No		450 ONLINEAD Yes		195 ONUNERL No 40 No		
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		carpen -	1 1 1	Blakely 1		Degray 1	a state	Bailey 1		Mabelv 1	Galadia	Mabely 3		Lewis Creek		Sabine 1		Sabine 3		Sabine 5		Willow Glen 2	Willow Glen 4	l http://e

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	Nelson 1		Nelson 3	Noison 4	Toledc	onead 2 de se	Sam R		Lt Gypsy 1		Lt Gypsy 3	题	Ninemile 2		Ninemile 4		Waterfrd 1		Waterford 4	Michoud 3			http://emo.tx.entergy.com/lcpreports/LoadAndCapability

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2013 ETI Rate Case

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Example: System Hourly Load and Reserve Margin



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Example: Amite South Projected Gas Burn

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Example: Unit Commitment and Run Time Projections

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Transmission Constraints Affecting Entergy Unit Commitment And Dispatch, July 2011 – March 2013

The following is a list of the main system transmission constraints that impacted unit commitment during the period July 2011 to March 2013, reasons for the constraints, and their application terms.

In general, the System is operated for worst first contingency -- i.e., upon outage of any transmission line, generator, or transformer all bus voltages and transmission line loading remain within Entergy Planning Criteria without dispatcher action. These constraints can vary considerably. Among the greatest typical contributors are: load magnitude, load distribution, native unit commitment, neighboring utility unit commitment, native generation dispatch, neighboring utility generation dispatch, power transfer between Entergy and other utilities, power transfer between external utilities, planned and unplanned generator outages, and planned and unplanned transmission facility outages.

EAI

 Sufficient generation should be committed south of El Dorado, Arkansas to limit the total flow on the Sheridan-El Dorado EHV and Sheridan-Hot Springs EHV 500kV lines to 2050 MW, due to possible overloading during contingencies. The amount of generation required will vary with system conditions.

EMI

2. Rex Brown #4 unit should be committed any time the Entergy-Mississippi load is expected to exceed 3200 MW. If Rex Brown 4 is not available, Unit 3 should be committed.

ELL/ENOI

- 3. Amite South Import is usually maintained below 2950 MW due to potential line loading problems during contingencies. (applies seasonally)
- 4. Two of the following three units should be committed due to thermalproblems during contingencies:
 - Ninemile 4 Ninemile 5 Michoud 3

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EGSI/EGSL/ETI

- 5. West of the Atchafalaya Basin ("WOTAB") Import is usually maintained below 1440 MW due to potential line loading problems during contingencies. (applies seasonally)
- 6. At least two of the following four units should be committed due to potential line loading and voltage problems in Lake Charles area during contingencies:

Nelson 4 Nelson 6 Sabine 4 Sabine 5

Also, three of the four units are needed for voltage support during summer and winter peak seasons.

- 7. Sabine 4 or 5 (on 230 kV bus) must be committed due to voltage problems. Furthermore, a minimum of three Sabine units are required to be committed for voltage support problems. This includes two Sabine 138 kV units and one 230 kV unit.
- 8. A minimum of one unit at Lewis Creek must be committed at all times due to voltage support. Furthermore, Lewis Creek 1 and 2 must be committed during summer for voltage support.

DOCKET NO. 41791

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APPLICATION OF ENTERGY TEXAS, INC. FOR AUTHORITY TO CHANGE RATES AND RECONCILE FUEL COSTS

PUBLIC UTILITY COMMISSION

OF TEXAS

DIRECT TESTIMONY

OF

JENNIFER A. RAEDER

ON BEHALF OF

ENTERGY TEXAS, INC.

SEPTEMBER 2013

ENTERGY TEXAS, INC. DIRECT TESTIMONY OF JENNIFER A. RAEDER 2013 RATE CASE

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EXHIBITS

JAR-1	Annual Incentive Plan Summaries
JAR-2	Equity Ownership Plan
JAR-3	Performance Unit Program Summaries
JAR-4	Incentive Compensation Allocation — Cost Control, Financial, Operational, Safety (Highly Sensitive)
JAR-5	Towers Watson 2011 BenVal Report (Highly Sensitive)
JAR-6	Paid Time Off Policies
JAR-7	Affiliate Families and Functions/Functions and Classes
JAR-8	Training Programs and Courses
JAR-9	Educational Assistance Program Policy
JAR-10	Saratoga Institute 2012 HR Staffing and Expenditures Comparison
JAR-A	Affiliate Billings by Class and by Department
JAR-B	Affiliate Billings by Class and by Project Code
JAR-C	Affiliate Billings by Class, by Department, and by Project Code
JAR-D	Pro Forma Adjustments to Affiliate Billings

1		I. WITNESS IDENTIFICATION AND QUALIFICATIONS
2	Q1.	PLEASE STATE YOUR NAME, BUSINESS ADDRESS, EMPLOYER AND
3		JOB TITLE.
4	A.	My name is Jennifer A. Raeder. My business address is 639 Loyola
5		Avenue, New Orleans, Louisiana 70113. I am employed by Entergy
6		Services, Inc. ("ESI") ¹ as Director, Human Resources - Total Rewards.
7		
8	Q2.	ON WHOSE BEHALF ARE YOU TESTIFYING?
9	Α.	I am testifying on behalf of Entergy Texas, Inc. ("ETI" or the "Company").
10		
11	Q3.	PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND
12		PROFESSIONAL WORK EXPERIENCE.
13	Α.	I earned Bachelor's Degrees in Psychology and Anthropology from the
14		University of California, Berkeley and a Master's and Ph.D. in
15		Industrial/Organizational Psychology from the University of Maryland,
16		College Park. I have held my current position, since January 2012. Prior
17		to my current position, I had been Director of Human Resources ("HR") -
18		Utility Operations since April 2006. I joined ESI in 1995 in the Leadership
19		Development Department and have held a number of leadership roles in
20		Human Resources including Director of Employee Development, Director
21		

¹ ESI is a subsidiary of Entergy Corporation that provides technical and administrative services to all the Entergy Operating Companies ("EOCs").

1		of HR, Fossil Operations and Transmission, and Personnel Manager for
2		London Electricity, an Entergy subsidiary at that time. Prior to joining ESI,
3		I was employed as a consultant by Organizational and Personnel
4		Research in the Washington D.C. area. I also served as a reviewer for the
5		American Journal of Community Psychology.
6		
7	Q4.	PLEASE DESCRIBE YOUR CURRENT RESPONSIBILITIES AND YOUR
8		DEPARTMENT.
9	A.	I am responsible for the design, development, and administration of
10		various compensation and benefits programs for ESI and the EOCs. ²
11		
12		II. PURPOSE AND ORGANIZATION OF TESTIMONY
13	Q5.	WHAT IS THE PURPOSE OF YOUR TESTIMONY?
14	А.	First, I describe the compensation, benefits, and other HR labor-related
15		costs incurred by ESI and ETI and the other EOCs that provide services to
16		ETI. I show how these programs are designed and managed to produce
17		reasonable, market-competitive compensation and benefits programs.
18		Second, I describe the costs of the HR Class of affiliate services
19		and demonstrate that the costs are reasonable and necessary.

² The EOCs are ETI; Entergy Arkansas, Inc.; Entergy Gulf States Louisiana, L.L.C.; Entergy Louisiana, LLC; Entergy Mississippi, Inc.; and Entergy New Orleans, Inc.

1	Q6.	WHY ARE YOU QUALIFIED TO ADDRESS THESE ISSUES AND TO
2		PROVIDE THIS TESTIMONY?
3	Α.	My job responsibilities, professional experience, and familiarity with the
4		human resources department provide the knowledge, training and
5		experience needed to cover the scope of subjects I address in my
6		testimony.
7		
8	Q7.	DO YOU SPONSOR ANY EXHIBITS?
9	Α.	The list of exhibits to my testimony is contained in the table of contents.
10		
11	Q8.	DO YOU SPONSOR OR CO-SPONSOR ANY SCHEDULES IN THE
12		RATE FILING PACKAGE ("RFP") THAT ETI HAS FILED IN THIS
13		DOCKET?
14	A.	Yes, I sponsor Schedules G-1.5, G-2, and G-2.3. I co-sponsor Schedules
15		G-1.6 and G-2.1 with Company witness Michael P. Considine.
16		
17 18 19		III. <u>RELATIONSHIP BETWEEN THIS TESTIMONY REGARDING</u> <u>COMPENSATION AND BENEFITS COSTS AND THE</u> <u>TESTIMONY OF ETI'S OTHER WITNESSES</u>
20	Q9.	WHAT IS THE RELATIONSHIP BETWEEN YOUR TESTIMONY
21		REGARDING COMPENSATION AND BENEFITS COSTS AND THE
22		TESTIMONY OF ETI'S OTHER WITNESSES?
23	Α.	Various ETI witnesses support the Test Year (April 2012 through March
24		2013) costs that contain internal labor dollars (e.g., ESI employee labor or

1		ETI employee labor) from the perspective of whether the level and types
2		of activities for various utility and utility support functions are reasonable
3		and necessary. My testimony demonstrates that the underlying
4		compensation and benefits costs associated with these activities are the
5		product of reasonable and necessary compensation and benefits
6		programs that are designed and managed to yield reasonable costs.
7		
8		IV. COMPENSATION AND BENEFITS PROGRAMS
9 10	A.	The Entergy Companies' Objective in Designing Compensation and Benefits Programs
11	Q10.	PLEASE DESCRIBE THE ENTERGY COMPANIES' OVERALL
12		OBJECTIVE IN DESIGNING THE COMPENSATION AND BENEFITS IT
13		PROVIDES.
14	Α.	The Entergy Companies ³ must compete with other companies for talent
15		based upon the total package of compensation and benefits each offers.
16		In order to attract and retain highly qualified employees, the Entergy
17		Companies provide a total package of compensation and benefits that is
18		equivalent in scope and cost with what other comparable companies
19		within the utility business and other industries provide for their employees.
20		Although individual components within the total package of compensation

³ I use the name "the Entergy Companies" to mean Entergy Corporation and its subsidiaries including ESI, ETI, and the other EOCs. Each of these subsidiaries is a separate legal entity. All of the Entergy Companies employ the same approach to compensation and benefits that I describe in this testimony.
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Entergy Texas, Inc. Direct Testimony of Jennifer A. Raeder 2013 Rate Case

1	é	and benefits programs may be above or below the market for which they				
2	(compete for talent, the Entergy Companies' overall total compensation				
3	ä	and benefits package is comparable with industry medians. While				
4	F	particular companies may place different levels of emphasis on individual				
5	(components of compensation and benefits, the appropriate comparisons				
6	· 6	among similar companies should be based upon the total costs of the				
7	(companies' benefits and compensation programs.				
8						
9		B. <u>Compensation Programs</u>				
10		1. The Entergy Companies' Approach to Compensation				
11	Q11. \	WHAT FUNDAMENTAL PRINCIPLES GUIDE THE ENTERGY				
12	(COMPANIES' COMPENSATION PROGRAMS?				
13	A	The Entergy Companies offer reasonable, competitive pay packages that				
14	ä	are not only tied to each company's performance but also to individual				
15	(employee performance. Employees are compensated through a				
16	(combination of base pay and variable pay programs (e.g., annual				
17	i	incentive compensation). The Entergy Companies' total annual				
18	(compensation (<i>i.e.</i> , base pay plus annual incentive payments) across all				
19	j	job classifications is designed to be at market median.				

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Q12. WHAT DOES IT MEAN THAT THE ENTERGY COMPANIES' TOTAL ANNUAL COMPENSATION IS AT MARKET MEDIAN?

3 Α. It means that the total annual compensation is approximately within a 4 reasonable range of the mid-point of the market based upon nationally 5 recognized compensation surveys in which the Entergy Companies 6 participate. By mid-point of the market, I mean the point at which half the 7 companies in the surveys pay total annual compensation that exceeds the 8 Entergy Companies' total annual compensation and half the companies in 9 the surveys pay less total annual compensation than do the Entergy 10 Companies. As a reasonable range of the mid-point, the Entergy 11 Companies seek to provide compensation that is within +/- 15% of the 12 mid-point of the market. Until recently, the focus had been on a range of 13 +/- 10% of the mid-point of the market, but compensation consultants and 14 surveys have encouraged the Entergy Companies to look at +/- 15% as a 15 reasonable range of the mid-point to allow for more flexibility on a case by 16 case basis.

17 The Entergy Companies apply this design philosophy to base salary 18 as well as incentive compensation programs (both annual and long-term), 19 which I will discuss later in my testimony. In this way, the Entergy 20 Companies intentionally design their compensation levels to pay the 21 market median level of compensation if their employees meet the 22 performance targets that are established. Of course, in any given year, 23 the actual level of compensation under the incentive compensation

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- programs may be above or below the market median, but that differential
 occurs solely due to actual performance versus the targets.
- 3
- 4 Q13. WHAT IS THE RELEVANCE OF HOW THE ENTERGY COMPANIES'
 5 COMPENSATION REGIME COMPARES TO THAT OF OTHER
 6 UTILITIES AND THE MARKET?
- A. In the long run, customers benefit from having a utility that is able to offer
 and does offer competitive compensation that attracts and keeps qualified
 people. If the Entergy Companies offered substantially below market
 compensation, then over time the quality of management and other
 personnel would decline. As a consequence, so would service to
 customers.
- 13
- 14 Q14. HOW DO YOU ENSURE THAT THE COMPENSATION PROGRAMS15 TARGET THE MARKET MEDIAN?
- A. A nationally recognized external independent compensation consultant,
 Pay Governance LLC, has been engaged to evaluate and assess the
 compensation programs. The consultant offers subject matter expertise
 with respect to analyzing market survey data, assessing current market
 conditions, reviewing the prevalence of compensation elements and
 evaluating market trends in executive compensation.
- 22 The consultant provides compensation information to help ensure 23 that all the Entergy Companies, including ETI and ESI, provide

1	competitive compensation packages to attract, retain, motivate, and
2	reward employees who can contribute to long-term operational and
3	financial success.
4	Moreover, the Entergy Companies use numerous nationally
5	recognized third-party surveys to evaluate compensation levels. These
6	surveys provide data to ensure the competitiveness and reasonableness
7	of pay practices. The list of recent surveys used by the Entergy
8	Companies is shown below:
9	Table 1

Table 1

Third-Party Surveys Used by the Entergy Companies' Compensation Department in Analyzing Pay Data

Publisher Name	Survey		
American Gas Association	American Gas Association, 2011		
EAPDIS	Energy Technical Craft Clerical, 2012		
Aon Hewitt	Aon Hewitt Energy Marketing and Trading, 2012		
Aon Hewitt	Aon Hewitt TCM Executive Cash Comp by Industry, 2012		
Aon Hewitt	Aon Hewitt TCM Executive Total Comp by Industry (Full Value LTI), 2012		
Aon Hewitt	Aon Hewitt TCM Mgmt & Prof Cash Comp by Geography, 2012		
Aon Hewitt	Aon Hewitt TCM Mgmt & Prof Cash Comp by Industry, 2012		
Aon Hewitt	Aon Hewitt TCM Mgmt & Prof Total Comp by Industry, 2012		
Mercer	Mercer Sales, Mktg & Comm, 2011		
Mercer	Mercer E-commerce, 2011		
Mercer Mercer Energy Industry - General Benchmark, 2011			
Mercer Mercer Finance, Accounting & Legal, 2011			
Mercer	Mercer Human Resources, 2011		
Mercer	Mercer Information Technology, 2011		
Mercer	Mercer Logistics & Supply Chain, 2011		
Mercer	Mercer Metro Benchmark - North Central, 2011		
Mercer	Mercer Metro Benchmark - Northeast, 2011		
Mercer	Mercer Metro Benchmark - South Central, 2011		
Mercer	Mercer Metro Benchmark - Southeast, 2011		
Mercer	Mercer Metro Benchmark - West Coast, 2011		
Southern Gas Association	Southern Gas Association Energy, 2012		
Stanton Group	Stanton Group Aviation, 2011		
Towers Watson	Towers Watson CDB General Industry Executive, 2012		

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Towers Watson	Towers Watson CDB Energy Services Executive, 2012		
Towers Watson	Towers Watson CDB Mid-Mgmt, Prof & Support, 2012		
Towers Watson	Towers Watson CDB Energy Services Mid-Mgmt, Prof & Support, 2012		
Towers Watson	Towers Watson CSR Office and Business Support, 2012		
Towers Watson	Towers Watson CSR Professional Administrative & Sales, 2012		
Towers Watson	Towers Watson CSR Professional Technical & Operations, 2012		
Towers Watson	Towers Watson CSR Supervisory & Middle Management, 2012		
Towers Watson	Towers Watson CSR Top Management, 2012		
Towers Watson	Towers Watson CSR Technical Support & Production, 2012		
World at Work	2012-2013 Salary Budget Survey		
Towers Watson	General Industry Salary Budget Survey, 2012		
Mercer Human Resource Consulting	2012-2013 US Compensation Planning Survey		
Aon Hewitt	U.S. Salary Increase Survey for 2012		

Q15. WHEN ANALYZING TOTAL COMPENSATION, DO THE ENTERGY
 COMPANIES COMPARE THEMSELVES WITH PARTICULAR LABOR
 MARKETS?

4 Α. Yes. The Entergy Companies compare themselves with both the utility 5 industry and general industry in determining total compensation. Both 6 comparison groups are used because the Entergy Companies recruit from 7 and lose talent to both utilities and general industry. The comparison 8 recognizes that employees may pursue employment opportunities in either 9 the utility market or general industry. Thus, the compensation levels must 10 be competitive with both labor markets. Furthermore, when determining 11 compensation comparison groups within those markets, the Entergy 12 Companies compare themselves with companies or operations of similar 13 size and scope.

1	2.	Description of the Entergy Companies' Compensation Program Design				
2	Q16.	PLEASE DESCRIBE THE ELEMENTS OF THE ENTERGY COMPANIES'				
3		COMPENSATION PROGRAM.				
4	Α.	In general, employee compensation consists of three elements:				
5		1. base pay;				
6		2. annual incentives and recognition programs; and				
7		3. long-term incentives.				
8		These compensation programs are applicable throughout the				
` 9		Entergy Companies. Thus, ETI, ESI, and all of the other Entergy				
10		Companies use the same types of compensation programs.				
11						
12	Q17.	PLEASE DESCRIBE BASE PAY.				
13	Α.	Base pay is the basic, non-variable, salary component of compensation.				
14		Base pay is provided to all employees and remains the most common				
15		form of payment throughout industries for all levels of employees. Base				
16		pay is designed to be comparable with base pay in relevant labor markets.				
17		Because most of the Entergy Companies' peers also provide incentive				
18		compensation, however, comparable base pay amounts will not, by				
19		themselves, produce a market competitive total compensation package.				
20						
21	Q18.	PLEASE DESCRIBE THE ANNUAL INCENTIVE PLANS.				
22	Α.	During the Test Year, the Entergy Companies had five annual incentive				
23		plans. The five plans and the eligible employee groups were as follows:				

1	 Executive Annual Incentive Plan ("EAIP"). Participation was 					
2	limited to the Entergy Companies' officers (i.e., the Chief Executive					
3	Officer, Presidents, Executive Vice Presidents, Senior Vice Presidents,					
4	and Vice Presidents).					
5	 Management Incentive Plan ("MIP"). Participation was 					
6	limited to selected management personnel and key high-level individual					
7	contributor employees.					
8	 Exempt Incentive Plan ("EXIP"). Participation was limited to 					
9	full-time and part-time exempt employees ⁴ who were not eligible for					
10	participation in another incentive plan.					
11	 Teamsharing Incentive Plan ("TSIP"). Participation was 					
12	limited to full-time and part-time, non-exempt, ⁵ non-bargaining ⁶ employees					
13	who were ineligible for participation in another incentive plan. Certain					
14	non-exempt, bargaining employees ⁷ also are eligible for participation in					
15	this plan where it has been negotiated into the collective bargaining					
16	agreement.					

⁴ *Exempt employees* are employees who are paid a salary and are exempt from the overtime provisions under the federal wage and hour law.

⁵ Non-exempt employees refers to employees who are covered under the federal wage and hour law and must be paid overtime for all hours worked in excess of forty hours during a work week.

⁶ Non-bargaining employees are those not covered by any collective bargaining agreement.

⁷ Bargaining employees are those whose compensation, benefits, and work rules are covered by a collective bargaining agreement.

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1		 Teamsharing Plan for Selected Bargaining Units ("TSBP"). 				
2		Participation was limited to full-time or part-time bargaining employees				
3		where this plan has been negotiated into the agreement.				
4		Participation requirements and plan design for the five annual				
5		incentive plans are described in the plan summaries presented in				
6		Exhibit JAR-1. This exhibit covers the participation requirements during				
7		the Test Year.				
8						
9	Q19.	PLEASE DESCRIBE THE LONG-TERM INCENTIVES.				
10	Α.	Certain employees are eligible to receive stock option awards, restricted				
11		stock, and/or performance units under the Equity Ownership Plan ("EOP").				
12		The EOP is outlined in Exhibit JAR-2.				
13		Restricted stock was added to the long-term incentive mix in				
14		January 2011. ML 1 through 4 employees (the Entergy Companies' most				
15		senior executives) are eligible for both stock options and restricted stock.				
16		ML 5 employees (generally, the Entergy Companies' directors) and ML6				
17		employees (generally include managers, superintendents, some				
18		supervisors and high-level individual contributors) are eligible for restricted				
19		stock only.				
20		ML 1-4 executives are also eligible to participate in the				
21		Performance Unit Programs, which are also called Long Term Incentive				
22		Plans or "LTIPs." Each LTIP is based upon a three-year performance				
23		period. The Test Year in this case (April 1, 2012 through March 31, 2013)				

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overlaps four different LTIP periods, and costs from the four LTIPs 1 accrued during the Test Year. The first applicable plan covers the three-2 year performance period of 2010-2012 (for payout in 2013); the second 3 plan covers 2011-2013; the third plan covers 2012-2014; and the fourth 4 Each LTIP provides participants with the plan covers 2013-2015. 5 opportunity to earn performance units (which I discuss below) based upon 6 the Entergy Companies' performance against a pre-set performance goal. 7 The four Performance Unit Program summaries and plan designs are 8 9 provided in Exhibit JAR-3.

10

11 Q20. IN YOUR PREVIOUS ANSWER, YOU REFERRED TO PERFORMANCE
 12 UNITS, STOCK OPTIONS, AND RESTRICTED STOCK. PLEASE
 13 EXPLAIN THE DISTINCTIONS AMONG THESE INCENTIVE DEVICES.

Under a performance unit plan, an employee is awarded a number of 14 Α. performance units ("units") at the start of a performance period (e.g., a 15 thirty-six month performance cycle). The performance units are equivalent 16 to shares of Entergy common stock, and payable in cash or stock, in 17 whole or in part, at the end of the performance period depending upon the 18 extent that performance targets are met. If the actual performance is at 19 the target level, then the employee earns 100% of the units to be paid out 20 in shares or cash. If the actual performance is below the target level, but 21 22 above a minimum level, then the employee earns only a portion of the 23 units to be paid out in shares, or cash. If the actual result is below the

minimum level (*e.g.*, less than 25% of the target) then no payment is made
to the employee. (A performance unit is the equivalent of an Entergy
share of stock valued at the stock price on a certain date. Performance
Unit Plans starting in 2012 will settle payout in Entergy stock. ML 1-4
officers must hold these earned shares until they meet and maintain their
stock ownership levels.)

Stock options award employees the right to purchase shares of common stock at a set price (e.g., \$40 per share). If the publicly traded stock price increases above that set price (e.g., \$45 per share), then the employee has the option to purchase the stock at the set price (\$40 in my example) and choose to either sell the stock at the then publicly traded stock price (\$45 in my example) or retain ownership of the shares.

13 Under a restricted stock plan, an employee receives shares of 14 common stock with restrictions that lift if certain contingencies occur, such 15 as if the employee remains with the company for a specific period of time. 16 As mentioned earlier, the Entergy Companies instituted a restricted stock 17 program effective January 1, 2011 with time-based vesting period as part of its long-term incentive plan. Company achievement of operational or 18 19 financial goals is not a requirement for vesting under the Entergy 20 Companies' restricted stock program.

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Q21. IS IT APPROPRIATE FOR COMPANIES TO EXERCISE REASONABLE
 DISCRETION IN DETERMINING THE ALLOCATION OF EMPLOYEES'
 OVERALL COMPENSATION AMONG THE VARIOUS COMPENSATION
 COMPONENTS?

5 Α. Yes. It is common practice for a company to emphasize one form of 6 compensation over another, depending on the company's circumstances, in a way that differs from how other, even similar, companies allocate their 7 8 resources among the various compensation components. There is no 9 "one size fits all" answer in seeking to attract and keep employees and in 10 seeking to inspire current employees to do their best. Utilities too should 11 be allowed to employ reasonable business discretion in allocating 12 resources among the various commonly used compensation components 13 so long as the total compensation levels are within reasonable market 14 levels. As I discuss below, the Entergy Companies have exercised this 15 reasonable discretion to provide for overall compensation at market competitive levels by offering market median base pay levels and 16 17 incentive compensation programs that are comparable to those offered by 18 similar companies.

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- 1
 3.
 Additional Detail Regarding the Annual Incentive and Recognition

 2
 Programs
- 3 Q22. ARE ANNUAL INCENTIVE COMPENSATION PLANS COMMONLY
- 4 USED BY PRIVATE INDUSTRY?
- 5 A. Yes. The following Table 2 demonstrates that, during the Test Year,
- 6 annual incentive plans were common among the utilities and energy
- 7 industry and general industries:
- 8

Table 2

Prevalence of Annual Incentive Programs Percentage of Surveyed Companies Reporting Annual Incentive Plans Similar to the Entergy Companies

World At Work

2012-2013 Salary Budget Survey

Use Of Variable Pay	2010	2011	2012
Percent of Organizations Using Variable	80%	79%	82%
Pay			

MERCER

2012-2013 US Compensation Planning Report

Use of Variable Pay	Executives	Mgmt	Professional	Office Personnel	Technician & Skilled
All Organizations	98%	97%	79%	64%	55%
By Industry (Utilities)	98%	100%	94%	94%	78%

Towers Watson

2012 Salary Budget Survey
Use of Variable # of

Use of Variable Pay	# of Organizations Responding	# of Organizations Using Variable Pay	% of Organizations Using Variable Pay
Entire Sample (For Profit)	629	589	94%
Industry Sector - Energy (Includes Utilities)	71	64	90%

Q23. HAVE THE ENTERGY COMPANIES' MEASURES FOR DETERMINING ANNUAL INCENTIVES CHANGED IN RECENT YEARS?

3 Α. There has been no substantial change in the measures used to determine annual incentives since ETI's last rate case, Docket No. 39896. 4 5 Moreover, since January 1, 2008, the Entergy Companies have 6 emphasized measures aligned with meeting operational-based targets. 7 Each business unit or organization within the Entergy Companies designs 8 its own operational-based targets tailored to the specifics of its operational 9 responsibilities, focus, and activities (e.g., fossil plant operations will have 10 different targets than will the HR department). These operational-based 11 targets include reliability goals (e.g., reduce the frequency and duration of 12 customer outages), safety goals (e.g., reduce the number of employee accidents), customer service goals (e.g., improve the speed of answering 13 14 customer calls), cost containment (e.g., reduce expenditures, or 15 controlling the rate of growth in expenditures, such as on vehicle 16 maintenance, etc.) or spending levels (e.g., complete a project under 17 budget).

18 The Entergy Achievement Multiplier ("EAM"), a composite of 19 Entergy Corporation's earnings per share and operating cash flow is used 20 as a performance measure for Entergy Corporation executives making up 21 the Office of the Chief Executive and all EAIP participants in the Finance 22 Department. The EAM is also used as a funding mechanism to ensure