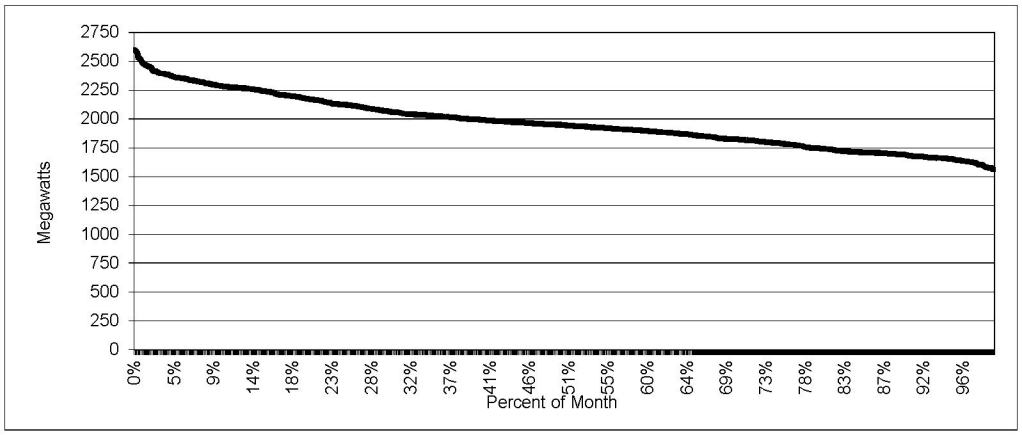
ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
APRIL 2018 CURVE



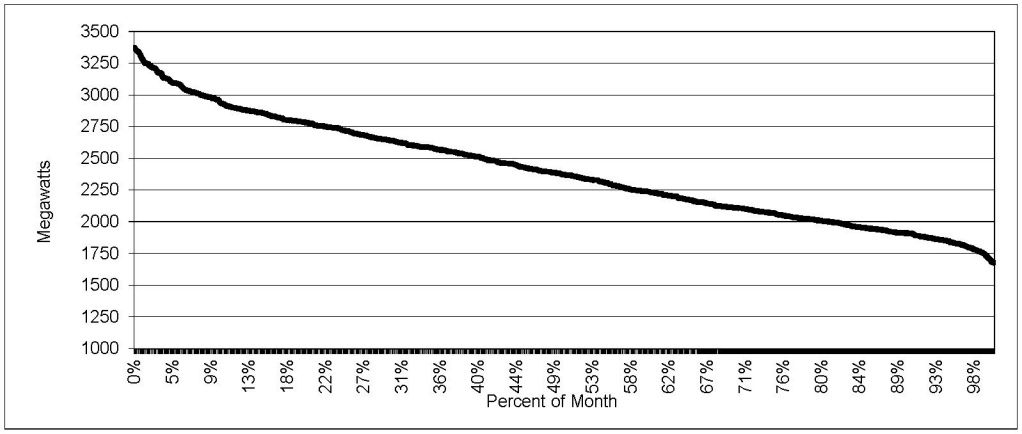
Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
MAY 2018 DATA

Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	3372.419	1	1	0.138
99	3338.69481	3	4	0.552
98	3304.97062	2	6	0.828
97	3271.24643	2	8	1.103
96	3237.52224	5	13	1.793
95	3203.79805	6	19	2.621
94	3170.07386	5	24	3.310
93	3136.34967	1	25	3.448
92	3102.62548	7	32	4.414
91	3068.90129	9	41	5.655
90	3035.1771	6	47	6.483
89	3001.45291	10	57	7.862
88	2967.72872	13	70	9.655
87	2934.00453	6	76	10.483
86	2900.28034	9	85	11.724
85	2866.55615	21	106	14.621
84	2832.83196	14	120	16.552
83	2799.10777	16	136	18.759
82	2765.38358	20	156	21.517
81	2731.65939	22	178	24.552
80	2697.9352	12	190	26.207
79	2664.21101	18	208	28.690
78	2630.48682	20	228	31.448
77	2596.76263	17	245	33.793
76	2563.03844	24	269	37.103
75	2529.31425	18	287	39.586
74	2495.59006	16	303	41.793
73	2461.86587	19	322	44.414
72	2428.14168	15	337	46.483
71	2394.41749	22	359	49.517
70	2360.6933	21	380	52.414
69	2326.96911	21	401	55.310
68	2293.24492	12	413	56.966
67	2259.52073	15	428	59.034
66	2225.79654	24	452	62.345
65	2192.07235	18	470	64.828
64	2158.34816	16	486	67.034
63	2124.62397	21	507	69.931
62	2090.89978	28	535	73.793
61	2057.17559	22	557	76.828
60	2023.4514	24	581	80.138
59	1989.72721	30	611	84.276
58	1956.00302	17	628	86.621
57	1922.27883	26	654	90.207
56	1888.55464	25	679	93.655
55	1854.83045	21	700	96.552
54	1821.10626	15	715	98.621
53	1787.38207	10	725	100.000

Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
MAY 2018 CURVE



Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
JUNE 2018 DATA

Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	3446.915	1	1	0.139
99	3412.44585	1	2	0.278
98	3377.9767	1	3	0.417
97	3343.50755	8	11	1.528
96	3309.0384	11	22	3.056
95	3274.56925	23	45	6.250
94	3240.1001	17	62	8.611
93	3205.63095	16	78	10.833
92	3171.1618	9	87	12.083
91	3136.69265	14	101	14.028
90	3102.2235	21	122	16.944
89	3067.75435	14	136	18.889
88	3033.2852	16	152	21.111
87	2998.81605	20	172	23.889
86	2964.3469	10	182	25.278
85	2929.87775	23	205	28.472
84	2895.4086	14	219	30.417
83	2860.93945	21	240	33.333
82	2826.4703	15	255	35.417
81	2792.00115	19	274	38.056
80	2757.532	12	286	39.722
79	2723.06285	11	297	41.250
78	2688.5937	13	310	43.056
77	2654.12455	19	329	45.694
76	2619.6554	14	343	47.639
75	2585.18625	16	359	49.861
74	2550.7171	12	371	51.528
73	2516.24795	17	388	53.889
72	2481.7788	19	407	56.528
71	2447.30965	14	421	58.472
70	2412.8405	19	440	61.111
69	2378.37135	20	460	63.889
68	2343.9022	13	473	65.694
67	2309.43305	19	492	68.333
66	2274.9639	26	518	71.944
65	2240.49475	22	540	75.000
64	2206.0256	28	568	78.889
63	2171.55645	29	597	82.917
62	2137.0873	36	633	87.917
61	2102.61815	25	658	91.389
60	2068.149	29	687	95.417
59	2033.67985	12	699	97.083
58	1999.2107	12	711	98.750
57	1964.74155	7	718	99.722
56	1930.2724	2	720	100.000
55	1895.80325	0	720	100.000
54	1861.3341	0	720	100.000
53	1826.86495	0	720	100.000

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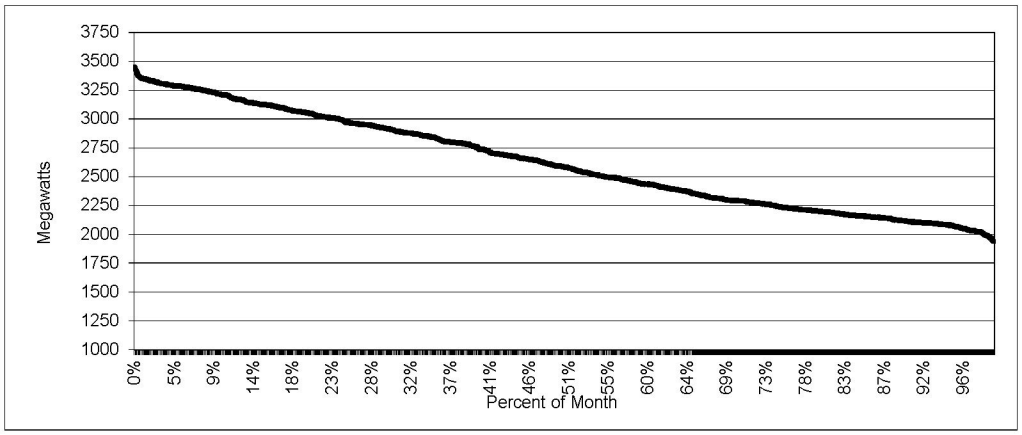
ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
JUNE 2018 CURVE



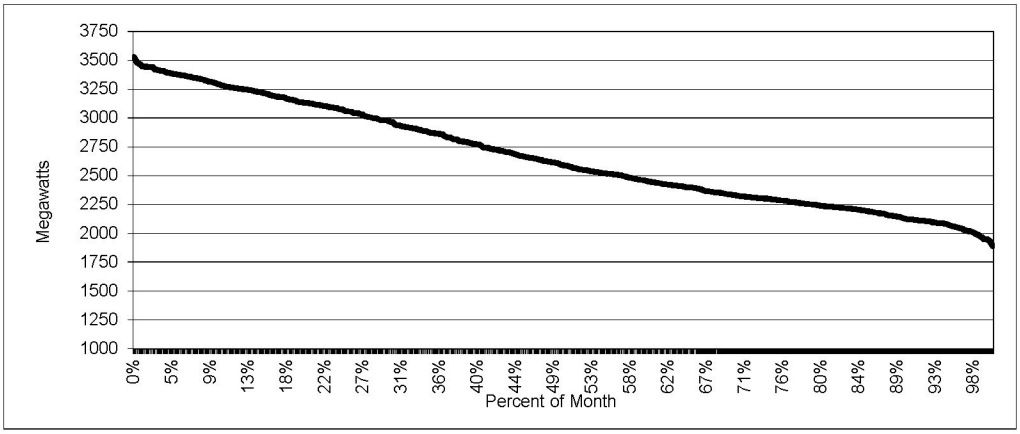
Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
JULY 2018 DATA

Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	3529.222	1	1	0.134
99	3493.92978	2	3	0.403
98	3458.63756	4	7	0.941
97	3423.34534	11	18	2.419
96	3388.05312	15	33	4.435
95	3352.7609	18	51	6.855
94	3317.46868	14	65	8.737
93	3282.17646	12	77	10.349
92	3246.88424	22	99	13.306
91	3211.59202	16	115	15.457
90	3176.2998	17	132	17.742
89	3141.00758	11	143	19.220
88	3105.71536	21	164	22.043
87	3070.42314	18	182	24.462
86	3035.13092	15	197	26.478
85	2999.8387	11	208	27.957
84	2964.54648	17	225	30.242
83	2929.25426	8	233	31.317
82	2893.96204	16	249	33.468
81	2858.66982	19	268	36.022
80	2823.3776	8	276	37.097
79	2788.08538	14	290	38.978
78	2752.79316	12	302	40.591
77	2717.50094	15	317	42.608
76	2682.20872	15	332	44.624
75	2646.9165	17	349	46.909
74	2611.62428	16	365	49.059
73	2576.33206	14	379	50.941
72	2541.03984	16	395	53.091
71	2505.74762	26	421	56.586
70	2470.4554	14	435	58.468
69	2435.16318	21	456	61.290
68	2399.87096	25	481	64.651
67	2364.57874	17	498	66.935
66	2329.28652	24	522	70.161
65	2293.9943	31	553	74.328
64	2258.70208	27	580	77.957
63	2223.40986	31	611	82.124
62	2188.11764	28	639	85.887
61	2152.82542	18	657	88.306
60	2117.5332	19	676	90.860
59	2082.24098	26	702	94.355
58	2046.94876	13	715	96.102
57	2011.65654	10	725	97.446
56	1976.36432	7	732	98.387
55	1941.0721	8	740	99.462
54	1905.77988	2	742	99.731
53	1870.48766	2	744	100.000
52	1835.19544	0	744	100.000

Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
JULY 2018 CURVE

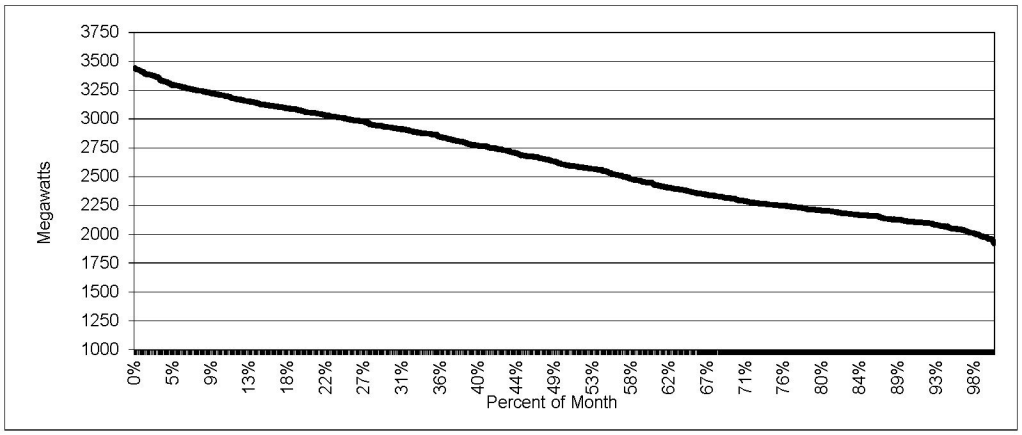


Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
AUGUST 2018 DATA

Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	3441.043	1	1	0.134
99	3406.63257	7	8	1.075
98	3372.22214	10	18	2.419
97	3337.81171	5	23	3.091
96	3303.40128	8	31	4.167
95	3268.99085	14	45	6.048
94	3234.58042	17	62	8.333
93	3200.16999	18	80	10.753
92	3165.75956	13	93	12.500
91	3131.34913	15	108	14.516
90	3096.9387	23	131	17.608
89	3062.52827	16	147	19.758
88	3028.11784	22	169	22.715
87	2993.70741	20	189	25.403
86	2959.29698	14	203	27.285
85	2924.88655	20	223	29.973
84	2890.47612	19	242	32.527
83	2856.06569	20	262	35.215
82	2821.65526	12	274	36.828
81	2787.24483	14	288	38.710
80	2752.8344	19	307	41.263
79	2718.42397	18	325	43.683
78	2684.01354	12	337	45.296
77	2649.60311	19	356	47.849
76	2615.19268	12	368	49.462
75	2580.78225	20	388	52.151
74	2546.37182	21	409	54.973
73	2511.96139	11	420	56.452
72	2477.55096	11	431	57.930
71	2443.14053	18	449	60.349
70	2408.7301	11	460	61.828
69	2374.31967	20	480	64.516
68	2339.90924	16	496	66.667
67	2305.49881	24	520	69.892
66	2271.08838	18	538	72.312
65	2236.67795	33	571	76.747
64	2202.26752	31	602	80.914
63	2167.85709	25	627	84.274
62	2133.44666	25	652	87.634
61	2099.03623	34	686	92.204
60	2064.6258	18	704	94.624
59	2030.21537	15	719	96.640
58	1995.80494	12	731	98.253
57	1961.39451	8	739	99.328
56	1926.98408	4	743	99.866
55	1892.57365	1	744	100.000
54	1858.16322	0	744	100.000
53	1823.75279	0	744	100.000
52	1789.34236	0	744	100.000

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
AUGUST 2018 CURVE



Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
SEPTEMBER 2018 DATA

Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	3333.7	1	1	0.139
99	3300.363	4	5	0.694
98	3267.026	7	12	1.667
97	3233.689	2	14	1.944
96	3200.352	4	18	2.500
95	3167.015	4	22	3.056
94	3133.678	5	27	3.750
93	3100.341	3	30	4.167
92	3067.004	8	38	5.278
91	3033.667	9	47	6.528
90	3000.33	4	51	7.083
89	2966.993	6	57	7.917
88	2933.656	11	68	9.444
87	2900.319	6	74	10.278
86	2866.982	6	80	11.111
85	2833.645	19	99	13.750
84	2800.308	12	111	15.417
83	2766.971	8	119	16.528
82	2733.634	9	128	17.778
81	2700.297	9	137	19.028
80	2666.96	16	153	21.250
79	2633.623	13	166	23.056
78	2600.286	6	172	23.889
77	2566.949	14	186	25.833
76	2533.612	19	205	28.472
75	2500.275	23	228	31.667
74	2466.938	19	247	34.306
73	2433.601	20	267	37.083
72	2400.264	29	296	41.111
71	2366.927	33	329	45.694
70	2333.59	24	353	49.028
69	2300.253	23	376	52.222
68	2266.916	26	402	55.833
67	2233.579	25	427	59.306
66	2200.242	24	451	62.639
65	2166.905	30	481	66.806
64	2133.568	33	514	71.389
63	2100.231	27	541	75.139
62	2066.894	36	577	80.139
61	2033.557	33	610	84.722
60	2000.22	23	633	87.917
59	1966.883	23	656	91.111
58	1933.546	19	675	93.750
57	1900.209	16	691	95.972
56	1866.872	15	706	98.056
55	1833.535	10	716	99.444
54	1800.198	3	719	99.861
53	1766.861	1	720	100.000
52	1733.524	0	720	100.000
51	1700.187	0	720	100.000
50	1666.85	0	720	100.000

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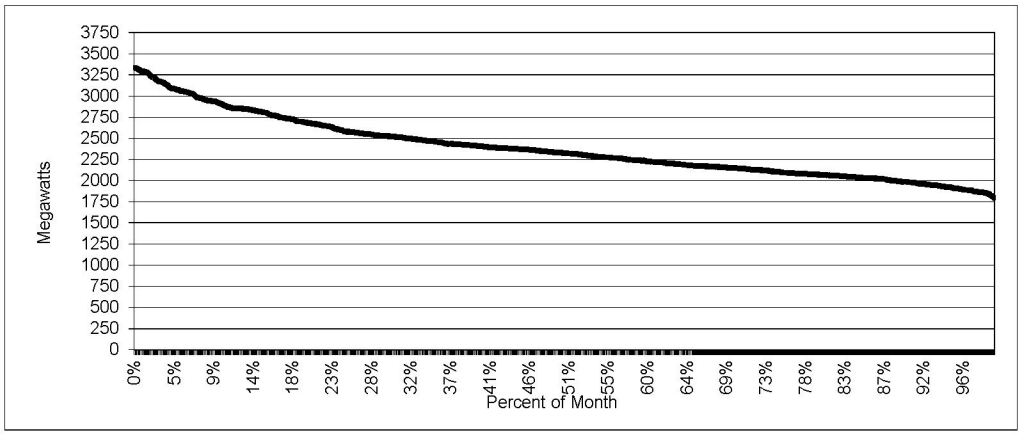
ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
SEPTEMBER 2018 CURVE

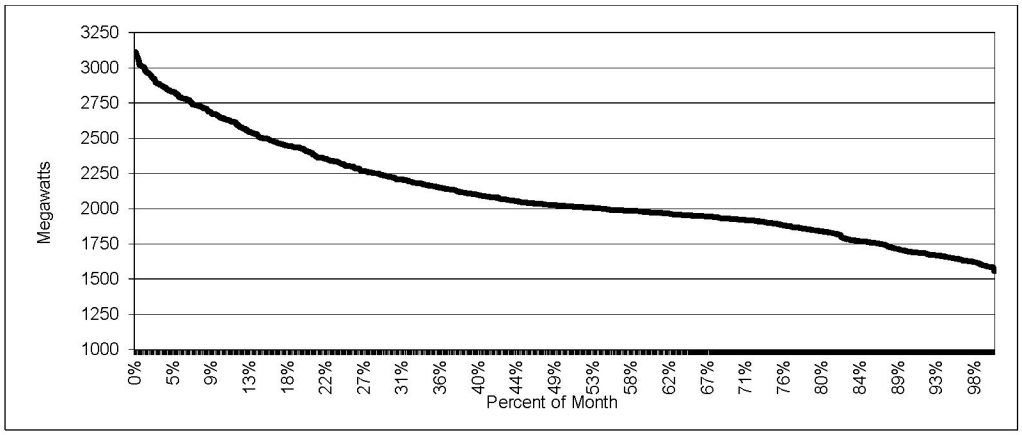


Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
OCTOBER 2018 DATA

Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	3112.459	1	1	0.134
99	3081.33441	1	2	0.269
98	3050.20982	2	4	0.538
97	3019.08523	1	5	0.672
96	2987.96064	4	9	1.210
95	2956.83605	4	13	1.747
94	2925.71146	3	16	2.151
93	2894.58687	3	19	2.554
92	2863.46228	7	26	3.495
91	2832.33769	6	32	4.301
90	2801.2131	6	38	5.108
89	2770.08851	10	48	6.452
88	2738.96392	2	50	6.720
87	2707.83933	13	63	8.468
86	2676.71474	4	67	9.005
85	2645.59015	8	75	10.081
84	2614.46556	12	87	11.694
83	2583.34097	4	91	12.231
82	2552.21638	7	98	13.172
81	2521.09179	9	107	14.382
80	2489.9672	10	117	15.726
79	2458.84261	11	128	17.204
78	2427.71802	16	144	19.355
77	2396.59343	8	152	20.430
76	2365.46884	6	158	21.237
75	2334.34425	17	175	23.522
74	2303.21966	11	186	25.000
73	2272.09507	10	196	26.344
72	2240.97048	18	214	28.763
71	2209.84589	13	227	30.511
70	2178.7213	22	249	33.468
69	2147.59671	17	266	35.753
68	2116.47212	17	283	38.038
67	2085.34753	24	307	41.263
66	2054.22294	24	331	44.489
65	2023.09835	36	367	49.328
64	1991.97376	45	412	55.376
63	1960.84917	53	465	62.500
62	1929.72458	48	513	68.952
61	1898.59999	35	548	73.656
60	1867.4754	24	572	76.882
59	1836.35081	25	597	80.242
58	1805.22622	14	611	82.124
57	1774.10163	13	624	83.871
56	1742.97704	25	649	87.231
55	1711.85245	12	661	88.844
54	1680.72786	24	685	92.070
53	1649.60327	23	708	95.161
52	1618.47868	20	728	97.849
51	1587.35409	13	741	99.597
50	1556.2295	3	744	100.000
49	1525.10491	0	744	100.000
48	1493.98032	0	744	100.000
47	1462.85573	0	744	100.000
46	1431.73114	0	744	100.000
45	1400.60655	0	744	100.000
44	1369.48196	0	744	100.000

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
OCTOBER 2018 CURVE



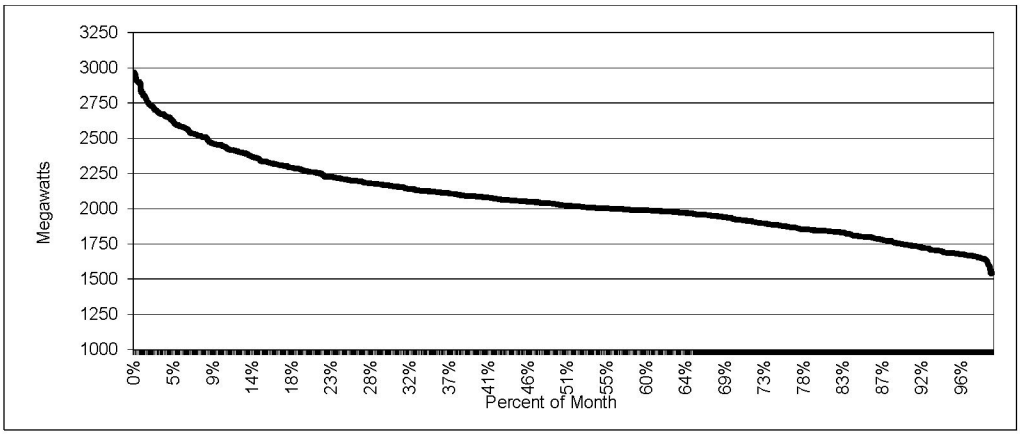
Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
NOVEMBER 2018 DATA

Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	2967.636	1	1	0.139
99	2937.95964	1	2	0.278
98	2908.28328	1	3	0.417
97	2878.60692	3	6	0.834
96	2848.93056	0	6	0.834
95	2819.2542	2	8	1.113
94	2789.57784	2	10	1.391
93	2759.90148	2	12	1.669
92	2730.22512	3	15	2.086
91	2700.54876	4	19	2.643
90	2670.8724	7	26	3.616
89	2641.19604	5	31	4.312
88	2611.51968	3	34	4.729
87	2581.84332	6	40	5.563
86	2552.16696	6	46	6.398
85	2522.4906	8	54	7.510
84	2492.81424	8	62	8.623
83	2463.13788	5	67	9.318
82	2433.46152	11	78	10.848
81	2403.78516	10	88	12.239
80	2374.1088	10	98	13.630
79	2344.43244	8	106	14.743
78	2314.75608	14	120	16.690
77	2285.07972	17	137	19.054
76	2255.40336	17	154	21.419
75	2225.727	12	166	23.088
74	2196.05064	23	189	26.287
73	2166.37428	22	211	29.346
72	2136.69792	25	236	32.823
71	2107.02156	29	265	36.857
70	2077.3452	34	299	41.586
69	2047.66884	39	338	47.010
68	2017.99248	35	373	51.878
67	1988.31612	54	427	59.388
66	1958.63976	49	476	66.203
65	1928.9634	26	502	69.819
64	1899.28704	23	525	73.018
63	1869.61068	25	550	76.495
62	1839.93432	34	584	81.224
61	1810.25796	21	605	84.145
60	1780.5816	22	627	87.204
59	1750.90524	17	644	89.569
58	1721.22888	19	663	92.211
57	1691.55252	16	679	94.437
56	1661.87616	26	705	98.053
55	1632.1998	10	715	99.444
54	1602.52344	1	716	99.583
53	1572.84708	2	718	99.861
52	1543.17072	1	719	100.000

Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
NOVEMBER 2018 CURVE

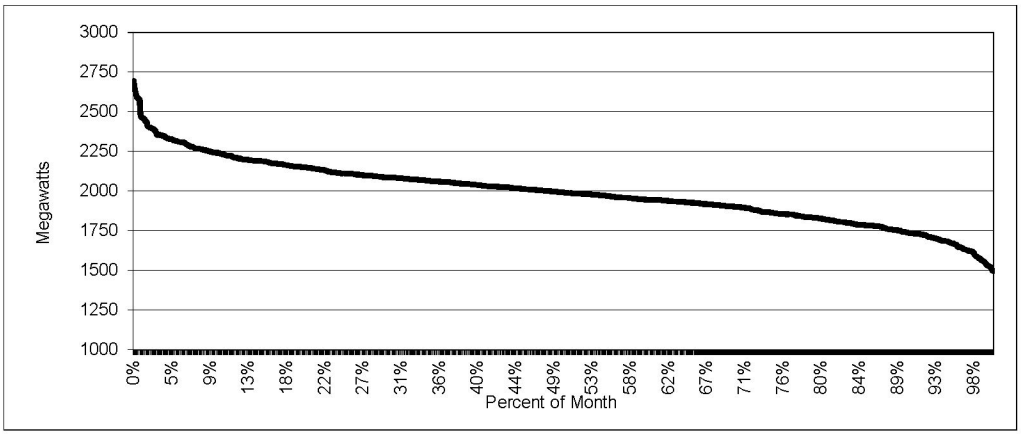


Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
DECEMBER 2018 DATA

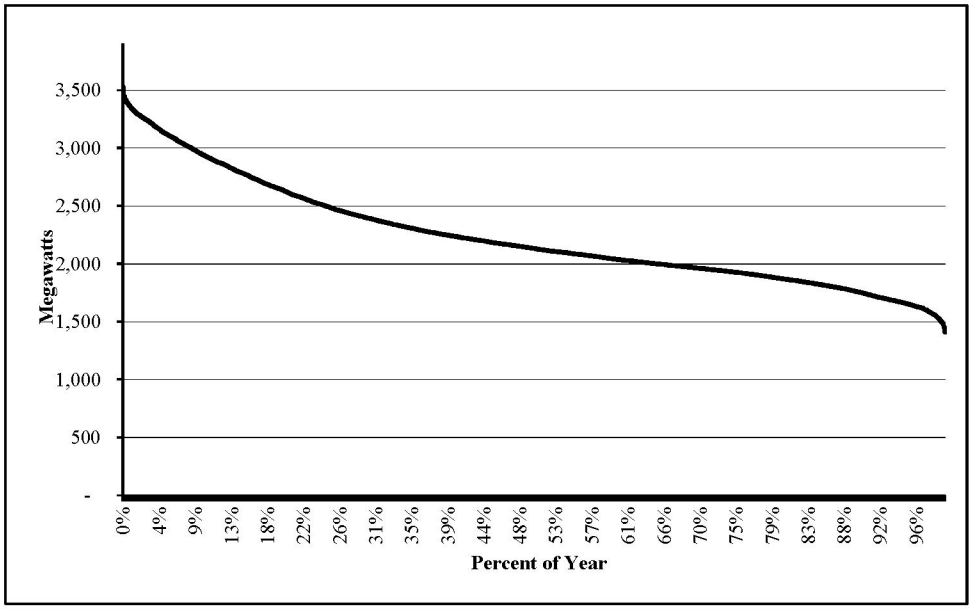
Percent of Peak	Equivalent MW Load	Number of Occurrences	Accumulated Occurrence Hours	Accumulated Occurrence Percent
100	2694.252	1	1	0.137
99	2667.30948	0	1	0.137
98	2640.36696	0	1	0.137
97	2613.42444	1	2	0.274
96	2586.48192	2	4	0.549
95	2559.5394	2	6	0.823
94	2532.59688	0	6	0.823
93	2505.65436	0	6	0.823
92	2478.71184	0	6	0.823
91	2451.76932	4	10	1.372
90	2424.8268	2	12	1.646
89	2397.88428	4	16	2.195
88	2370.94176	4	20	2.743
87	2343.99924	8	28	3.841
86	2317.05672	8	36	4.938
85	2290.1142	12	48	6.584
84	2263.17168	12	60	8.230
83	2236.22916	15	75	10.288
82	2209.28664	15	90	12.346
81	2182.34412	27	117	16.049
80	2155.4016	23	140	19.204
79	2128.45908	27	167	22.908
78	2101.51656	31	198	27.160
77	2074.57404	42	240	32.922
76	2047.63152	45	285	39.095
75	2020.689	43	328	44.993
74	1993.74648	41	369	50.617
73	1966.80396	43	412	56.516
72	1939.86144	49	461	63.237
71	1912.91892	42	503	68.999
70	1885.9764	32	535	73.388
69	1859.03388	22	557	76.406
68	1832.09136	33	590	80.933
67	1805.14884	22	612	83.951
66	1778.20632	32	644	88.340
65	1751.2638	18	662	90.809
64	1724.32128	22	684	93.827
63	1697.37876	12	696	95.473
62	1670.43624	13	709	97.257
61	1643.49372	7	716	98.217
60	1616.5512	10	726	99.588
59	1589.60868	3	729	100.000

ENTERGY TEXAS, INC.
MONTHLY LOAD DURATION CURVE
DECEMBER 2018 CURVE



Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
ANNUAL LOAD DURATION CURVE
2018 CHART



Sponsored by: Andrew Dornier

ENTERGY TEXAS, INC.
QUALITY OF SERVICE INFORMATION
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

Entergy is committed to providing quality service to all its customers at a reasonable price. The business functions that must be involved to achieve this are the planning, engineering, construction, operation, and maintenance of the generation, transmission, and distribution facilities.

Entergy's Distribution Operations Organization is designed to meet customer expectation within several key areas, including service reliability, service teams that perform routine service work and outage restoration. It also ensures asset planning, vegetation, fleet, ROW, environmental and compliance activities, process standardization and facilitates the sharing of resources across the Entergy System to meet customer expectations. See Schedule H-13.1e for added details.

There are two systems that managed customer outage information during the test year: the Transmission Consolidated Outage System for transmission circuits and the GE OMS (General Electric Outage Management System) and ADMS for distribution circuits. Both systems track outages by root cause and by device. The systems facilitate detailed outage analysis by specific transmission line, substation or distribution feeder, serve as a source of historical performance data, and provide updated estimates of outage duration. The circuit breaker operation results are described in Schedule H-13.1b.

The Company continuously monitors system voltage levels through use of the Supervisory Control and Data Acquisition System, which is described in Schedule H-13.1a.

Within the Distribution Vegetation Management process, the Company utilizes custom-tailored trimming cycles, separates cycle maintenance trimming and reactive trimming, and has a contractor accountability pricing mechanism. The Company pursues agreements with key contractors at market unit-based pricing for trimming activities. Further details are in Schedule H-13.1d.

Several reliability measures are tracked to monitor the Company's quality of service performance. These measures of system reliability include System Average Interruption Frequency Index (SAIFI), System Average Interruption Duration Index (SAIDI), and Customer Average Interruption Duration Index (CAIDI). Specifically, further details for continuity of service and average length of interruptions can be found in Schedule H-13.3.

Other quality of service improvements described in Schedule H-13.1e include the major reliability programs and initiatives, Customer Service Organizations initiatives, and many more process and system improvements.

Sponsor: Melanie L. Taylor

ENTERGY TEXAS, INC.
VOLTAGE SURVEYS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

The Texas service area is served by one Distribution Operations Center (DOC) for the operation of the distribution system and two Transmission Control Centers (TCCs) located in Jackson, MS and Little Rock, AR for the operation of the transmission system, with the Jackson TCC having primary responsibility for Texas during normal operations. These centers monitor and record voltages every two seconds by the use of a Supervisory Control and Data Acquisition (SCADA) system. This monitoring is achieved via Remote Terminal Units (RTU) tied into the SCADA system. Voltage levels are monitored at the power plant generators and transformers, inside bulk transmission substations on transformers and selected transmission lines, and in RTU-equipped distribution substations on distribution circuits and some transformers.

When voltage falls below established threshold values, the SCADA terminals alert the operators to the situation so that corrective action can be taken. Voltage measurements are also taken on a daily basis by Company field personnel as they remove and install transformers and meters and as requested by customers. The company has the capability to acquire real time delivery voltage for customers with AMS metering installed. The Company also employs portable recording voltmeters to verify acceptable voltage levels at specific locations as needed.

Sponsored by: Melanie L. Taylor

ENTERGY TEXAS, INC.
CIRCUIT BREAKER OPERATIONS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

Records of transmission circuit breaker forced operations were obtained from the Transmission Outage Management System (TOMS) and do not include momentary or major events.

Records of distribution circuit breaker forced operations were obtained from the GE OMS (General Electric Outage Management System) and ADMS and do not include momentary or major events.

The data below is for the Texas service area only.
Test year: 1/1/2021 - 12/31/2021

The operations for the test year are summarized as follows:

Transmission (69, 138, 230, 345, and 500 kV)	82
Distribution (4.2, 13.2, and 34.5 kV)	291
Total	373

Below is a list of the top primary recorded causes of breaker operations:

TRANSMISSION	
Cause	Percent
Lightning	17.1%
Substation Switchyard Equipment	17.1%
Line Material Failure	13.4%
Contamination	8.5%
Foreign Trouble	8.5%
Improper Relaying	8.5%
Vegetation	8.5%
Distribution	3.7%
Other	3.7%
Accidental Tripping	2.4%
Arc While Switching	2.4%
Unknown	2.4%
Foreign Objects	1.2%
Logging	1.2%
Malicious Damage	1.2%
TOTAL	100%

DISTRIBUTION	
Cause	Percent
Equipment Failure	32.0%
Other	23.0%
Public Damage	11.0%
Scheduled Outage	10.7%
Vegetation	9.3%
Lightning	7.2%
Animal	3.8%
Human Error	2.7%
Foreign Trouble	0.3%
Total	100%

Note: Amounts may not add or tie to other schedules due to rounding.
See page 2 of this schedule for a sample of the Transmission System records.
See page 3 for a sample of the Distribution System records.

Branch ID	Branch Name	Voltage	Outage Date	Final Restoration	Major Cause	Detailed Cause	Outage
2905	CHINA - WILLOW MARSH 230 kV (599.0)	230 kV	6/16/2021 18:17	6/16/2021 18:19	Lightning	Shielding w/ Direct Stroke to Phase Conductor	203519
2471	BIG HILL CO - MEMORIAL 138 kV (55.2.0)	138 kV	10/27/2021 8:48	10/27/2021 8:50	Lightning	Shielding w/ Direct Stroke to Phase Conductor	205182
2374	RAYWOOD - DAYTON BULK 138 kV (542.0)	138 kV	3/1/2021 12:34	3/1/2021 12:36	Line Material Failure	Static Wire	202121
2263	SOMERVILLE - CALDWELL INDUSTRIAL 69 kV (61.0)	69 kV	5/2/2021 18:32	5/2/2021 18:34	Contamination	Bird Dropping / Streamers	202951
2823	DAYTON BULK - PARKWAY 138 kV (86.0,5.330.0,802.0)	138 kV	5/4/2021 13:03	5/4/2021 13:05	Lightning	Shielding w/ Direct Stroke to Phase Conductor	202996
2951	CHINA - STOWELL 230 kV (11.8.0)	230 kV	5/11/2021 19:38	5/11/2021 19:40	Lightning	Shielding w/ Direct Stroke to Phase Conductor	203104
1174	BRYAN - HEARNE 69 kV (182.0,436.0)	69 kV	9/28/2021 23:06	9/28/2021 23:08	Lightning	Shielding w/ Direct Stroke to Phase Conductor	204815
1265	SOUTH BEAUMONT - PANSY 69 kV (62.0)	69 kV	9/7/2021 15:10	9/7/2021 15:12	Unknown	Under Investigation	204617
2458	CHINA - RAYWOOD 138 kV (424.0)	138 kV	8/1/2021 6:22	8/1/2021 6:24	Foreign Trouble	Customer Equipment	203987
2384	JAYHAWKER CREEK CO - SHECO SECURITY 138 kV (811.0)	138 kV	5/11/2021 18:28	5/11/2021 18:31	Contamination	Bird Dropping / Streamers	203102
2374	RAYWOOD - DAYTON BULK 138 kV (542.0)	138 kV	4/8/2021 4:24	4/8/2021 4:27	Contamination	Bird Dropping / Streamers	202576
2905	CHINA - WILLOW MARSH 230 kV (599.0)	230 kV	8/14/2021 20:37	8/14/2021 20:40	Lightning	Stroke KA / Duration above design	204111
1157	PORT NECHES BULK - GOODRICH 69 kV (427.0)	69 kV	7/28/2021 8:35	7/28/2021 8:38	Line Material Failure	Line Switch	203852
1174	BRYAN - HEARNE 69 kV (182.0,436.0)	69 kV	6/14/2021 14:57	6/14/2021 15:01	Lightning	Shielding w/ Direct Stroke to Phase Conductor	203481
2091	PORT NECHES BULK - MAGNOLIA CO 69 kV (806.0)	69 kV	5/2/2021 20:32	5/2/2021 20:36	Improper Relaying	Other (describe in notes)	202954
2595	JACINTO - PEACH CREEK 230 kV (524.0)	230 kV	4/8/2021 7:35	4/8/2021 7:39	Line Material Failure	Insulator, Porcelain / Glass	202580
1288	TOLEDO BEND - LEESVILLE (CLECO) 138 kV (482.0)	138 kV	8/26/2021 17:33	8/26/2021 17:37	Foreign Trouble	Neighboring Utility	204240
370	HARTBURG - AEP LAYFIELD 500 kV (559.0)	500 kV	7/20/2021 14:37	7/20/2021 14:41	Lightning	Shielding w/ Direct Stroke to Phase Conductor	203862
1219	SAM DAM CO - NEWTON BULK 138 kV (425.0,455.0,597.0)	138 kV	5/9/2021 21:50	5/9/2021 21:55	Lightning	Shielding w/ Direct Stroke to Phase Conductor	203057
1219	SAM DAM CO - NEWTON BULK 138 kV (425.0,455.0,597.0)	138 kV	5/11/2021 7:47	5/11/2021 8:01	Lightning	Shielding w/ Direct Stroke to Phase Conductor	203094
1257	KOLBS - FORT WORTH 69 kV (79.0)	69 kV	2/15/2021 16:24	2/15/2021 16:47	Substation/Switchyard Equip.	Breaker, Gas	201900
2458	CHINA - RAYWOOD 138 kV (424.0)	138 kV	7/10/2021 0:22	7/10/2021 0:48	Unknown	Under Investigation	203739
2840	CHISHOLM RD - GEORGETOWN [TX] 230 kV (504.0)	230 kV	3/11/2021 13:32	3/11/2021 14:00	Substation/Switchyard Equip.	Switch, Air Break w/Whip	202233
3045	GEORGETOWN [TX] - STAR BAYOU 230 kV (674.0)	230 kV	3/11/2021 13:32	3/11/2021 14:06	Substation/Switchyard Equip.	Switch, Air Break w/Whip	202232
1250	CARROLL STREET PARK - SOUTH BEAUMONT 138 kV (828.0)	138 kV	1/14/2021 12:25	1/14/2021 13:00	Substation/Switchyard Equip.	Breaker, Gas	201540
1103	PORT NECHES BULK - ATLANTIC BULK 69 kV (530.0)	69 kV	9/18/2021 15:52	9/18/2021 16:30	Substation/Switchyard Equip.	Breaker, Gas	204684
1551	PEE DEE - BRYAN 138 kV (5.9.0)	138 kV	4/15/2021 12:58	4/15/2021 13:46	Substation/Switchyard Equip.	Breaker, Gas	202736
2730	LONGMIRE - PONDEROSA 138 kV (106.0)	138 kV	5/11/2021 18:28	5/11/2021 19:17	Improper Relaying	Setting Error, Calculation	203103
2174	SHECO SECURITY - LEWIS CREEK 138 SWYD 138 kV (503.0,555.0)	138 kV	7/8/2021 7:40	7/8/2021 8:30	Improper Relaying	Control Switch Improper Position	203727
1257	KOLBS - FORT WORTH 69 kV (79.0)	69 kV	2/18/2021 12:15	2/18/2021 13:10	Other	Describe in Notes	201986
1586	MEEKER - GOODYEAR CHEEK 69 kV (462.0)	69 kV	8/31/2021 9:10	8/31/2021 10:09	Improper Relaying	Design Error, Drawing	204554
1676	RAYWOOD - SOUTH LIBERTY 69 kV (440.0)	69 kV	9/21/2021 8:27	9/21/2021 9:53	Substation/Switchyard Equip.	Other	204823
1102	KOLBS - ATLANTIC BULK 69 kV (117.0,189.0)	69 kV	6/14/2021 17:11	6/14/2021 18:42	Foreign Trouble	Municipal Equipment	203482
1588	WEST END - GOODYEAR CHEEK 69 kV (466.0)	69 kV	8/31/2021 9:10	8/31/2021 10:43	Improper Relaying	Design Error, Drawing	204553
2791	PONDEROSA - NAVASOTA 138 kV (96.0)	138 kV	5/3/2021 15:18	5/3/2021 17:02	Arc While Switching	Transmission Switch	203021
1103	PORT NECHES BULK - ATLANTIC BULK 69 kV (530.0)	69 kV	2/19/2021 5:50	2/19/2021 7:37	Substation/Switchyard Equip.	Breaker, Gas	201993
2711	NORTH SILSBEE - SOUTH SILSBEE TAP 69 kV (470.0,471.0)	69 kV	5/19/2021 0:15	5/19/2021 2:21	Vegetation	Fell From Off R-O-W	203192
1103	PORT NECHES BULK - ATLANTIC BULK 69 kV (530.0)	69 kV	2/14/2021 5:23	2/14/2021 7:45	Substation/Switchyard Equip.	Breaker, Gas	201845
1245	NECHES STATION - SABINE 138 SWYD 138 kV (5.0)	138 kV	6/12/2021 8:57	6/12/2021 11:26	Substation/Switchyard Equip.	Breaker, Gas	203452
2824	NEW CANEY - PARKWAY 138 kV (92.0)	138 kV	10/22/2021 2:52	10/22/2021 5:25	Distribution	Distribution Line Equipment	205116
2580	KOLBS - GULFWAY 230 kV (499.0)	230 kV	5/17/2021 7:27	5/17/2021 10:06	Lightning	Stroke KA / Duration above design	203148
3045	DEER CO - SHECO CORRIGAN 138 kV (930,543.0)	138 kV	4/23/2021 16:17	4/23/2021 19:02	Line Material Failure	Insulator, Porcelain / Glass	202893
2436	HELBIG - SOUTH SILSBEE 69 kV (467.0)	69 kV	5/19/2021 0:13	5/19/2021 3:20	Vegetation	Fell From Off R-O-W	203194
2823	DAYTON BULK - PARKWAY 138 kV (86.0,5.930.0,802.0)	138 kV	10/29/2021 8:26	10/29/2021 13:28	Foreign Objects	Land Vehicle / Equipment	205209
1102	KOLBS - ATLANTIC BULK 69 kV (117.0,189.0)	69 kV	1/12/2021 7:41	1/12/2021 11:58	Substation/Switchyard Equip.	Breaker, Gas	201505
1177	NORTH END - HELBIG 69 kV (67.0)	69 kV	5/19/2021 12:56	5/19/2021 17:26	Vegetation	Fell From On R-O-W	203201
3049	DEER CO - SHECO CORRIGAN 138 kV (930,543.0)	138 kV	8/2/2021 11:13	8/2/2021 16:29	Lightning	Shielding w/ Direct Stroke to Phase Conductor	204003
1173	BRYAN - HEARNE 69 kV (132.0,159.0)	69 kV	1/1/2021 7:15	1/1/2021 12:59	Foreign Trouble	Customer Equipment	201411
2791	PONDEROSA - NAVASOTA 138 kV (96.0)	138 kV	5/3/2021 13:07	5/3/2021 20:10	Arc While Switching	Transmission Switch	202975
2712	SOUTH BEAUMONT - YANKEE DOODLE 69 kV (443.0,576.0)	69 kV	10/21/2021 10:28	10/21/2021 17:41	Malicious Damage	Substations	205111
1173	BRYAN - HEARNE 69 kV (132.0,159.0)	69 kV	6/26/2021 8:06	6/26/2021 10:43	Foreign Trouble	Customer Equipment	203622
2375	PANSY - WINSHIRE 69 kV (63.0,185.0)	69 kV	9/1/2021 7:46	9/12/2021 16:41	Accidental Tripping	Customer	204644
2488	PORTER - DRY CREEK 138 kV (826.0,826.1)	138 kV	6/5/2021 15:51	6/6/2021 3:41	Vegetation	Fell From Off R-O-W	203347
2227	GRIMES - FRONTIER (TENASKA) 345 kV (1.20.0)	345 kV	10/8/2021 7:09	10/8/2021 20:21	Foreign Trouble	Customer Equipment	204932
2830	FLATLAND - PORT NECHES BULK 138 kV (513.0)	138 kV	6/18/2021 4:42	6/18/2021 18:58	Improper Relaying	Component/Relay Failure	203541
2598	COLLEGE STATION JUNCTION SS - NAVASOTA 138 kV (83.0)	138 kV	4/8/2021 21:27	4/9/2021 13:49	Line Material Failure	Ground Wire	202589
1676	RAYWOOD - SOUTH LIBERTY 69 kV (440.0)	69 kV	10/9/2021 21:41	10/4/2021 17:07	Vegetation	Fell From Off R-O-W	204855
2610	JACINTO - PELICAN ROAD (ETEC) 138 kV (418.0)	138 kV	9/20/2021 22:14	9/21/2021 18:22	Line Material Failure	Insulator, Porcelain / Glass	204717
1287	TOLEDO BEND - FISHER (CLECO) 138 kV (481.0)	138 kV	9/21/2021 18:36	9/22/2021 16:20	Line Material Failure	Splice, Full Tension	204732
2374	RAYWOOD - DAYTON BULK 138 kV (542.0)	138 kV	1/13/2021 11:17	1/14/2021 14:51	Line Material Failure	Insulator, Porcelain / Glass	201533
2538	TAYLOR BAYOU - FORT WORTH 69 kV (1.91.0,446.0)	69 kV	2/11/2021 13:04	2/12/2021 16:46	Line Material Failure	Line Switch	201830
3009	CHINA - GARDEN 230 kV (496.0)	230 kV	8/2/2021 10:08	8/3/2021 20:54	Line Material Failure	Crossarm	204001
2500	STOWELL - SHILOH CO 138 kV (475.0,476.0,596.0)	138 kV	6/24/2021 16:10	6/27/2021 15:00	Logging	Tree Cut Into Line	203616
2359	BATSON - SOUR LAKE 69 kV (55.0,102.0)	69 kV	7/9/2021 11:06	7/12/2021 14:04	Vegetation	Fell From Off R-O-W	203734
2091	PORT NECHES BULK - MAGNOLIA CO 69 kV (806.0)	69 kV	4/6/2021 22:30	4/10/2021 15:45	Improper Relaying	Other (describe in notes)	202554
2471	BIG HILL CO - MEMORIAL 138 kV (55.2.0)	138 kV	6/28/2021 7:25	7/2/2021 14:46	Line Material Failure	Structure, Wood Pole	203631
2436	HELBIG - SOUTH SILSBEE 69 kV (467.0)	69 kV	5/19/2021 0:13	6/3/2021 14:12	Vegetation	Fell From Off R-O-W	203193
3047	GARDEN - LEGEND 230 kV (135.0)	230 kV	8/5/2021 23:40	8/31/2021 17:00	Other	Describe in Notes	202173
2715	DEWYVILLE JNE CO - ECHO 69 kV (81.0,460.0)	69 kV	11/2/2021 10:30		Other	Describe in Notes	205269
	HARTBURG - CYPRESS 500	500 kV	2021-12-30T07:45:51	2021-12-30T07:48:23	Substation Switchyard Equipment	Bushing, Transformer	21_00168
	SHECO SECURITY 26060 138kV SHEAWILL 16202 138kV JEFFCON 16768 138kV	138 kV	2021-12-28T08:48:14	2021-12-30T16:39:08	Contamination	Bird Droppings	21_00165
	JAYHAWKER CREEK CO 26025 138kV	138 kV	2021-12-27T12:54:07	2021-12-27T13:01:27	Accidental Tripping	Relay Crew	21_00154
	HUNTSVILLE-LN485 138kV	138 kV	2021-12-06T09:50:35	2021-12-06T09:54:05	Distribution	#N/A	21_00096
	SABINE PLANT T0110 138kV SABINE PLANT 3415 138kV	138 kV	2021-12-02T17:37:13	2021-12-03T09:59:37	Distribution	0	21_00077
	SABINE PLANT 22835 138kV	138 kV	2021-12-01T13:45:31	2021-12-01T14:23:15	Substation Switchyard Equipment	#N/A	21_00071
	DORSEY 15775 69kV	69 kV	2021-11-21T14:26:02	2021-11-21T15:22:17	Foreign Trouble	Neighboring Utility	21_00040
	JACINTO-PEACH CREEK 230	230 kV	2021-11-19T20:16:33	2021-11-19T20:19:43	Contamination	Bird Droppings	21_00031
	SABINE- NEDERLAND 230	230 kV	2021-11-12T01:53:34	2021-11-12T02:02:31	Contamination	Bird Droppings	21_00012
	ALDEN 26493 138kV ALDEN-LEWIS CREEK 138kV ALDEN-GOSLIN 138kV	138 kV	2021-11-11T05:52:13	2021-11-11T06:03:29	Contamination	Bird Droppings	21-00010
	EGYPT-PANORAMA 138kV EGYPT-LEWIS CREEK 138kV LONGMIRE-PANORAMA 138kV	138 kV	2021-11-11T05:52:11	2021-11-11T12:58:18.227	Lightning	Shielding w/ Direct Stroke to Phase Conductor	21-00009
	ALDEN T3 138/20KV	138 kV	2021-11-11T06:33:37	2021-11-11T12:07:40	Lightning	Shielding w/ Direct Stroke to Phase Conductor	21-00007
	GRIMES AT2 345/138/13kV HUNTSVILLE-LN485 138kV SOMET-NAVASOTA 138kV GRIMES-BENTWATER 138kV GRIMES-CITY OF COLLEGE ST	345 kV	2021-11-10T21:19:55	2021-11-12T17:20:16	Substation Switchyard Equipment	Transformer, Potential/Voltage	21-00006

Month	Year	Off Date	Off Time	On Date	On Time	Distribution Feeder Id	Substation	Cause	Customer Interruptions	Customer Minutes	Duration
1	2021	1/1/2021	12:13:27 AM	1/1/2021	5:54:00 AM	84DQN	DE QUEEN	Equipment Failure	274	91892	341
1	2021	1/3/2021	4:27:00 AM	1/3/2021	9:20:00 AM	570CR	CRYSTAL	Equipment Failure	970	283331	293
1	2021	1/3/2021	4:57:00 AM	1/3/2021	5:22:45 AM	634WT	WYNTEX	Public Damage	1319	32201	25
1	2021	1/3/2021	1:20:00 AM	1/3/2021	2:20:00 AM	425CV	CLEVELAND - TX	Public Damage	2194	131340	60
1	2021	1/4/2021	4:21:40 PM	1/4/2021	5:20:37 PM	705GL	GOSLIN	Public Damage	1400	82295	59
1	2021	1/8/2021	10:25:43 PM	1/9/2021	12:08:09 AM	567FT	FORT WORTH	Public Damage	28	2773	103
1	2021	1/9/2021	12:20:57 AM	1/9/2021	3:53:42 AM	112WS	WESTSIDE	Public Damage	403	85740	213
1	2021	1/9/2021	12:21:59 AM	1/9/2021	3:57:39 AM	111WS	WESTSIDE	Public Damage	330	70952	216
1	2021	1/9/2021	12:22:09 AM	1/9/2021	4:04:46 AM	113WS	WESTSIDE	Public Damage	292	65004	222
1	2021	1/10/2021	6:42:11 PM	1/10/2021	8:02:44 PM	28HRN	HEARNE	Other	28	2255	80
1	2021	1/10/2021	3:06:17 PM	1/10/2021	3:14:07 PM	72ECH	ECHO	Other	2	14	8
1	2021	1/10/2021	3:42:08 PM	1/10/2021	4:32:18 PM	151RS	ROSEDALE - TX	Vegetation	1286	45454	50
1	2021	1/10/2021	3:25:41 PM	1/10/2021	3:32:10 PM	807PD	PEE DEE	Other	3	19	7
1	2021	1/12/2021	4:22:39 AM	1/12/2021	6:29:28 AM	22HKS	HANKS	Equipment Failure	932	118071	127
1	2021	1/20/2021	10:54:29 AM	1/20/2021	11:02:39 AM	320AP	APOLLO	Vegetation	1845	13828	8
1	2021	1/20/2021	9:36:53 AM	1/20/2021	12:21:44 PM	698CE	NULL	Equipment Failure	22	2419	165
1	2021	1/22/2021	9:05:31 PM	1/22/2021	11:18:02 PM	405CV	CLEVELAND - TX	Public Damage	338	40866	133
1	2021	1/23/2021	3:40:15 AM	1/23/2021	3:48:54 AM	405CV	CLEVELAND - TX	Other	324	2787	8
1	2021	1/24/2021	11:28:14 AM	1/24/2021	12:55:05 PM	127SO	SOMERVILLE	Public Damage	409	35431	87
1	2021	1/28/2021	9:17:21 AM	1/28/2021	12:28:00 PM	163VD	VIDOR	Public Damage	588	111917	191
1	2021	1/28/2021	7:33:20 AM	1/28/2021	3:46:46 PM	61CRK	CROCKETT	Public Damage	96	40504	493
2	2021	2/3/2021	2:39:59 PM	2/3/2021	3:10:59 PM	345JT	JOHNSTOWN	Public Damage	1023	31682	31
2	2021	2/10/2021	11:46:44 AM	2/10/2021	1:21:39 PM	197NE	NECHES	Equipment Failure	12	1139	95
2	2021	2/10/2021	2:55:06 PM	2/10/2021	3:13:35 PM	UNKN	NULL	Other	98	1808	18
2	2021	2/11/2021	1:02:30 PM	2/11/2021	2:21:24 PM	112WS	WESTSIDE	Equipment Failure	403	31720	79
2	2021	2/11/2021	1:02:30 PM	2/11/2021	2:28:30 PM	113WS	WESTSIDE	Equipment Failure	293	25198	86
2	2021	2/18/2021	5:11:05 PM	2/18/2021	6:07:05 PM	202SD	SANDY SHORES	Equipment Failure	503	28056	56
2	2021	2/18/2021	8:11:31 PM	2/18/2021	8:47:40 PM	310SP	SPLENDORA	Equipment Failure	9	281	36
2	2021	2/18/2021	1:21:08 AM	2/18/2021	1:56:06 AM	808PD	PEE DEE	Equipment Failure	468	16291	35
2	2021	2/19/2021	5:03:03 PM	2/19/2021	6:15:29 PM	32BRC	BRIARCLIFF	Equipment Failure	1303	93801	72
2	2021	2/22/2021	11:26:13 AM	2/22/2021	11:59:55 AM	34KOL	KOLBS	Equipment Failure	6	197	33
2	2021	2/25/2021	2:46:40 AM	2/25/2021	2:58:09 AM	82WED	WEST END	Other	337	3807	12
2	2021	2/26/2021	4:00:42 AM	2/26/2021	10:34:48 AM	194NE	NECHES	Other	10	2251	394
2	2021	2/26/2021	12:24:00 PM	2/26/2021	1:09:00 PM	30BRC	BRIARCLIFF	Public Damage	2022	90855	45
3	2021	3/3/2021	7:55:17 AM	3/3/2021	8:36:19 AM	48TCO	TRANSCO	Other	73	2995	41
3	2021	3/3/2021	1:12:44 PM	3/3/2021	1:47:53 PM	48TCO	TRANSCO	Other	73	2564	35
3	2021	3/6/2021	7:33:18 PM	3/6/2021	7:38:54 PM	112WS	WESTSIDE	Equipment Failure	362	1998	5
3	2021	3/8/2021	9:28:05 AM	3/8/2021	9:36:28 AM	560WD	WALDEN	Scheduled Outage	246	2055	8
3	2021	3/12/2021	11:04:56 PM	3/13/2021	1:17:24 AM	269RV	RIVTRIN	Equipment Failure	385	50867	133
3	2021	3/12/2021	2:55:02 PM	3/12/2021	3:32:24 PM	577CN	CONROE BULK	Other	2018	72509	37
3	2021	3/12/2021	8:05:53 AM	3/12/2021	8:13:09 AM	34KOL	KOLBS	Other	497	3572	8
3	2021	3/12/2021	10:45:31 AM	3/12/2021	10:51:30 AM	34KOL	KOLBS	Other	497	2759	6
3	2021	3/16/2021	1:11:00 PM	3/16/2021	1:17:00 PM	37KOL	KOLBS	Other	108	642	6
3	2021	3/16/2021	7:58:50 AM	3/16/2021	8:34:04 AM	37KOL	KOLBS	Equipment Failure	236	7882	36
3	2021	3/17/2021	2:45:00 PM	3/19/2021	2:35:41 PM	HULL	NULL	Equipment Failure	4	8744	2870
3	2021	3/17/2021	2:23:00 PM	3/17/2021	3:55:49 PM	25HKS	HANKS	Equipment Failure	926	84178	92
3	2021	3/17/2021	2:23:00 PM	3/17/2021	3:52:00 PM	24HKS	HANKS	Equipment Failure	839	74048	89
3	2021	3/18/2021	4:43:40 PM	3/18/2021	5:43:59 PM	82WED	WEST END	Equipment Failure	336	24002	60
3	2021	3/20/2021	5:51:42 PM	3/20/2021	9:44:19 PM	82WED	WEST END	Public Damage	334	16267	233
3	2021	3/21/2021	10:17:00 PM	3/22/2021	12:22:00 AM	160CH	CHEEK	Public Damage	520	64875	125
3	2021	3/22/2021	1:46:00 AM	3/23/2021	4:09:00 AM	698CE	NULL	Vegetation	23	36409	1583
3	2021	3/23/2021	7:53:57 AM	3/23/2021	8:01:01 AM	583LM	LONGMIRE	Other	10	70	8
3	2021	3/23/2021	8:40:28 AM	3/23/2021	9:21:43 AM	754FO	FOREST	Equipment Failure	1609	66205	41
3	2021	3/26/2021	8:30:00 AM	3/26/2021	1:25:30 PM	949IN	NULL	Lightning	1	295	295
3	2021	3/31/2021	1:45:14 AM	3/31/2021	5:58:17 AM	69PTA	PORT ACRES SUB	Equipment Failure	720	52917	253
4	2021	4/2/2021	10:56:52 PM	4/2/2021	11:18:15 PM	28NOE	NORTH END	Public Damage	153	3205	22
4	2021	4/6/2021	5:50:26 PM	4/6/2021	6:36:59 PM	28HRN	HEARNE	Equipment Failure	27	2218	46
4	2021	4/8/2021	1:43:06 AM	4/8/2021	5:05:49 AM	165CH	CHEEK	Other	117	23514	202
4	2021	4/8/2021	1:43:02 AM	4/8/2021	8:52:57 AM	166CH	CHEEK	Equipment Failure	41	18040	429
4	2021	4/8/2021	6:04:21 AM	4/8/2021	6:20:22 AM	182AM	AMELIA BULK	Other	1264	19719	16
4	2021	4/8/2021	9:27:48 PM	4/8/2021	10:53:56 PM	917SW	SPEEDWAY	Equipment Failure	2	172	86
4	2021	4/8/2021	8:27:55 AM	4/8/2021	9:34:14 AM	73ECH	ECHO	Equipment Failure	604	39421	67
4	2021	4/13/2021	12:38:41 PM	4/13/2021	1:43:13 PM	311SP	SPLENDORA	Public Damage	1290	82407	65
4	2021	4/13/2021	8:26:00 AM	4/13/2021	8:47:39 PM	48TCO	TRANSCO	Scheduled Outage	221	162422	742
4	2021	4/16/2021	2:17:36 AM	4/16/2021	3:25:31 AM	568DC	DOUCETTE	Vegetation	139	9440	68
4	2021	4/17/2021	2:15:26 AM	4/17/2021	3:29:16 AM	221HI	HIMEX	Public Damage	104	7678	74
4	2021	4/19/2021	10:42:00 AM	4/19/2021	4:36:46 PM	NITRO	NULL	Scheduled Outage	1	354	354
4	2021	4/20/2021	11:16:57 AM	4/20/2021	11:51:40 AM	46PTN	PORT NECHES	Public Damage	1271	43702	35

4	2021	4/21/2021	6:04:43 PM	4/21/2021	9:56:53 PM	8LAS	LAKESIDE	Scheduled Outage	29	6500	232
4	2021	4/21/2021	6:09:28 PM	4/21/2021	9:56:03 PM	5LAS	LAKESIDE	Scheduled Outage	44	9969	227
4	2021	4/23/2021	5:37:00 PM	4/23/2021	6:49:00 PM	525PA	PANORAMA	Vegetation	1374	98784	72
4	2021	4/23/2021	4:27:07 PM	4/23/2021	7:02:48 PM	239CR	CORRIGAN BULK	Equipment Failure	323	50129	155
4	2021	4/23/2021	6:50:27 PM	4/23/2021	10:48:00 PM	522BW	BENTWATER	Equipment Failure	1120	265575	238
4	2021	4/27/2021	6:22:51 PM	4/27/2021	11:07:27 PM	159CH	CHEEK	Public Damage	559	127717	285
4	2021	4/27/2021	7:02:16 AM	4/27/2021	7:33:19 AM	222HI	HIMEX	Animal	221	6895	31
4	2021	4/30/2021	11:59:34 PM	5/1/2021	12:16:46 AM	321AP	APOLLO	Vegetation	1936	13476	17
4	2021	4/30/2021	10:39:32 AM	4/30/2021	1:10:08 PM	577CN	CONROE BULK	Equipment Failure	2054	306741	151
5	2021	5/1/2021	8:44:13 AM	5/1/2021	11:06:20 AM	320AP	APOLLO	Equipment Failure	2237	313662	142
5	2021	5/2/2021	6:52:00 PM	5/2/2021	8:25:00 PM	741OK	OAK RIDGE - TX	Equipment Failure	830	77097	93
5	2021	5/3/2021	7:35:23 PM	5/3/2021	8:10:00 PM	61GRO	GROVES-EGSI	Vegetation	936	25139	34
5	2021	5/11/2021	7:15:27 PM	5/11/2021	9:32:38 PM	723DY	DAYTON BULK	Lightning	540	74080	137
5	2021	5/11/2021	11:49:01 PM	5/12/2021	12:11:40 AM	723DY	DAYTON BULK	Equipment Failure	539	11521	22
5	2021	5/11/2021	4:55:00 PM	5/11/2021	5:50:18 PM	600HU	HUNTSVILLE	Vegetation	670	37050	55
5	2021	5/11/2021	6:50:34 PM	5/11/2021	8:02:26 PM	405CV	CLEVELAND - TX	Vegetation	842	60587	72
5	2021	5/12/2021	3:56:32 PM	5/12/2021	4:35:42 PM	513CN	CONAIR	Human Error	1333	52240	39
5	2021	5/12/2021	1:19:08 AM	5/12/2021	1:27:45 AM	59GRO	GROVES-EGSI	Other	1541	12699	8
5	2021	5/13/2021	12:38:15 PM	5/13/2021	1:03:28 PM	155BE	BEVIL	Equipment Failure	2395	60104	25
5	2021	5/14/2021	4:17:56 AM	5/14/2021	6:20:12 AM	23HKS	HANKS	Human Error	1398	170194	123
5	2021	5/14/2021	4:17:56 AM	5/14/2021	6:19:37 AM	22HKS	HANKS	Human Error	1107	133737	122
5	2021	5/17/2021	3:53:40 PM	5/17/2021	3:59:48 PM	321AP	APOLLO	Other	16	83	6
5	2021	5/17/2021	5:25:49 PM	5/17/2021	5:38:28 PM	90MPL	MAPLE	Other	322	3872	13
5	2021	5/17/2021	4:40:43 AM	5/17/2021	6:09:34 AM	5LAS	LAKESIDE	Equipment Failure	156	13861	89
5	2021	5/17/2021	6:56:47 AM	5/17/2021	8:14:51 AM	67PTA	PORT ACRES SUB	Lightning	592	14720	78
5	2021	5/17/2021	3:53:20 PM	5/17/2021	4:56:54 PM	90MPL	MAPLE	Lightning	323	19153	63
5	2021	5/17/2021	6:22:19 PM	5/17/2021	7:10:51 PM	607HU	HUNTSVILLE	Equipment Failure	290	14024	48
5	2021	5/17/2021	3:03:37 PM	5/17/2021	3:40:23 PM	733SN	STILSON	Lightning	2	72	37
5	2021	5/18/2021	11:01:37 PM	5/19/2021	12:18:07 AM	725DY	DAYTON BULK	Other	466	35266	77
5	2021	5/18/2021	12:24:00 PM	5/18/2021	6:16:19 PM	5LAS	LAKESIDE	Equipment Failure	156	54961	352
5	2021	5/18/2021	10:26:17 PM	5/19/2021	2:20:34 AM	570CR	CRYSTAL	Vegetation	121	28347	234
5	2021	5/21/2021	8:10:00 AM	5/21/2021	8:17:25 AM	969NA	NAVASOTA	Other	1231	9100	7
5	2021	5/22/2021	11:30:21 PM	5/23/2021	12:26:03 AM	75JRU	JIROU	Other	59	3286	56
5	2021	5/22/2021	12:55:29 AM	5/22/2021	4:13:12 AM	238CR	CORRIGAN BULK	Vegetation	606	79825	198
5	2021	5/22/2021	7:54:26 PM	5/23/2021	2:09:00 AM	238CR	CORRIGAN BULK	Vegetation	458	128003	374
5	2021	5/22/2021	11:18:25 AM	5/22/2021	11:32:24 AM	238CR	CORRIGAN BULK	Other	239	3342	14
5	2021	5/24/2021	7:47:24 AM	5/24/2021	11:23:56 AM	51FTW	FORT WORTH	Equipment Failure	250	41317	216
5	2021	5/26/2021	4:24:34 PM	5/26/2021	5:59:11 PM	UNKN	NULL	Other	10	946	95
5	2021	5/27/2021	10:17:57 PM	5/28/2021	3:28:22 AM	180AM	AMELIA BULK	Animal	1459	452271	311
5	2021	5/27/2021	10:17:57 PM	5/28/2021	3:26:41 AM	182AM	AMELIA BULK	Animal	1263	389306	309
5	2021	5/28/2021	5:39:00 PM	5/28/2021	6:34:00 PM	317TA	TAMINA	Other	72	3960	55
5	2021	5/28/2021	2:12:53 AM	5/28/2021	3:36:20 AM	181AM	AMELIA BULK	Animal	2341	194409	84
5	2021	5/28/2021	1:30:28 PM	5/28/2021	2:17:39 PM	708GL	GOSLIN	Equipment Failure	107	5049	47
5	2021	5/28/2021	8:10:00 AM	5/28/2021	8:54:00 AM	345JT	JOHNSTOWN	Equipment Failure	2071	90772	44
5	2021	5/29/2021	6:46:11 PM	5/29/2021	9:26:17 PM	920DO	DOBBIN	Animal	2045	326438	160
5	2021	5/29/2021	10:30:00 AM	5/29/2021	2:30:00 PM	317TA	TAMINA	Vegetation	72	17280	240
5	2021	5/29/2021	6:10:06 AM	5/29/2021	9:07:21 AM	584LM	LONGMIRE	Equipment Failure	436	76909	177
6	2021	6/1/2021	9:36:00 AM	6/1/2021	10:24:00 AM	583LM	LONGMIRE	Equipment Failure	1542	73632	48
6	2021	6/1/2021	3:37:00 PM	6/1/2021	6:21:34 PM	949IN	NULL	Other	1	164	164
6	2021	6/2/2021	8:23:00 AM	6/2/2021	8:31:54 AM	949IN	NULL	Other	1	8	8
6	2021	6/3/2021	12:33:42 PM	6/3/2021	1:38:35 PM	68PTA	PORT ACRES SUB	Lightning	856	55408	65
6	2021	6/5/2021	8:16:00 PM	6/5/2021	8:22:00 PM	138CI	CALDWELL INDUSTRIAL	Other	603	3612	6
6	2021	6/5/2021	8:05:44 AM	6/5/2021	9:28:50 AM	112WS	WESTSIDE	Lightning	391	31829	83
6	2021	6/8/2021	10:44:16 AM	6/8/2021	4:09:12 PM	111WS	WESTSIDE	Public Damage	329	29981	325
6	2021	6/8/2021	5:23:35 PM	6/8/2021	6:50:21 PM	227HI	NULL	Scheduled Outage	724	50372	87
6	2021	6/8/2021	1:57:03 AM	6/8/2021	4:15:44 PM	201SD	SANDY SHORES	Scheduled Outage	1272	941645	858
6	2021	6/8/2021	12:43:41 PM	6/8/2021	2:00:09 PM	100BL	BLUE WATER	Scheduled Outage	1540	117373	77
6	2021	6/8/2021	12:44:01 PM	6/8/2021	1:59:21 PM	101BL	BLUE WATER	Scheduled Outage	1753	131597	75
6	2021	6/8/2021	3:08:37 AM	6/8/2021	3:32:45 AM	101BL	BLUE WATER	Scheduled Outage	477	11484	24
6	2021	6/8/2021	5:27:26 PM	6/8/2021	6:21:13 PM	743OK	OAK RIDGE - TX	Equipment Failure	212	11295	54
6	2021	6/8/2021	7:53:46 PM	6/8/2021	10:18:51 PM	809PD	PEE DEE	Other	1674	241251	145
6	2021	6/9/2021	1:57:37 PM	6/9/2021	4:53:06 PM	607HU	HUNTSVILLE	Other	107	9661	176
6	2021	6/9/2021	2:29:00 PM	6/9/2021	3:40:01 PM	566CR	CRYSTAL	Human Error	6145	434573	71
6	2021	6/10/2021	1:48:04 PM	6/10/2021	2:47:38 PM	141LV	LOVELLS LAKE	Human Error	738	28566	59
6	2021	6/10/2021	11:30:33 PM	6/11/2021	1:46:19 AM	197NE	NECHES	Equipment Failure	134	17542	136
6	2021	6/13/2021	2:04:37 PM	6/13/2021	3:02:02 PM	583LM	LONGMIRE	Equipment Failure	1908	74804	58
6	2021	6/14/2021	9:10:22 PM	6/14/2021	10:33:58 PM	506WR	WARREN	Other	1381	115109	83
6	2021	6/14/2021	1:01:24 PM	6/14/2021	1:30:09 PM	134TG	TANGLEWOOD	Equipment Failure	2286	65477	29
6	2021	6/15/2021	5:43:33 PM	6/15/2021	6:34:47 PM	18LOB	LOEB	Other	556	28331	51

6	2021	6/15/2021	5:04:39 PM	6/15/2021	6:50:25 PM	281ML	MEMORIAL	Lightning	1020	107875	106
6	2021	6/15/2021	4:56:19 PM	6/15/2021	6:18:00 PM	763AL	NULL	Vegetation	747	60981	82
6	2021	6/15/2021	8:08:00 PM	6/15/2021	9:44:02 PM	362HT	HEIGHTS	Vegetation	1276	122249	96
6	2021	6/15/2021	9:38:01 PM	6/15/2021	11:45:53 PM	182AM	AMELIA BULK	Human Error	886	113154	127
6	2021	6/16/2021	9:10:11 AM	6/16/2021	10:12:21 AM	382MC	MCLEWIS	Equipment Failure	863	52829	62
6	2021	6/16/2021	6:53:39 PM	6/16/2021	8:38:55 PM	592AP	APRIL	Other	65	6841	105
6	2021	6/16/2021	8:53:00 PM	6/16/2021	10:56:14 PM	592AP	APRIL	Public Damage	1199	141198	123
6	2021	6/18/2021	9:21:37 PM	6/18/2021	9:48:50 PM	184PS	PANSY	Equipment Failure	427	11563	27
6	2021	6/20/2021	8:24:28 PM	6/20/2021	8:30:58 PM	69PTA	PORT ACRES SUB	Lightning	719	4580	6
6	2021	6/20/2021	11:12:25 PM	6/21/2021	3:50:00 AM	581LM	LONGMIRE	Animal	2443	677038	278
6	2021	6/20/2021	11:12:21 PM	6/21/2021	12:50:00 PM	580LM	LONGMIRE	Animal	241	197053	818
6	2021	6/22/2021	1:15:03 PM	6/22/2021	1:59:17 PM	68PTA	PORT ACRES SUB	Equipment Failure	856	37603	44
6	2021	6/23/2021	2:21:59 PM	6/23/2021	2:57:15 PM	506WR	WARREN	Equipment Failure	1384	48654	36
6	2021	6/24/2021	4:12:00 PM	6/24/2021	6:20:11 PM	207HA	HANKAMER	Vegetation	774	99086	128
6	2021	6/24/2021	4:14:13 PM	6/24/2021	6:20:30 PM	206HA	HANKAMER	Vegetation	773	96658	126
6	2021	6/25/2021	2:22:20 PM	6/25/2021	2:29:54 PM	710GL	GOSLIN	Equipment Failure	613	4626	7
6	2021	6/30/2021	2:25:25 PM	6/30/2021	4:57:44 PM	342WN	WINFREE	Public Damage	1208	109635	152
7	2021	7/1/2021	8:46:31 PM	7/1/2021	10:26:20 PM	883GR	GRIMES	Other	143	14174	100
7	2021	7/1/2021	10:59:55 PM	7/1/2021	11:11:57 PM	883GR	GRIMES	Other	143	1709	12
7	2021	7/2/2021	10:14:10 PM	7/2/2021	11:37:12 PM	362HT	HEIGHTS	Public Damage	1278	104568	83
7	2021	7/3/2021	2:46:40 PM	7/3/2021	3:34:36 PM	71ECH	ECHO	Other	489	23344	48
7	2021	7/13/2021	2:25:45 PM	7/13/2021	3:12:51 PM	360BD	BRIDGE CITY	Equipment Failure	1169	53797	47
7	2021	7/14/2021	10:33:48 AM	7/14/2021	11:03:36 AM	338NC	NEW CANEY	Human Error	531	15830	30
7	2021	7/15/2021	3:09:36 PM	7/15/2021	5:40:31 PM	564WD	WALDEN	Other	3113	466936	151
7	2021	7/15/2021	3:13:18 AM	7/15/2021	3:22:43 AM	105SL	SOUR LAKE	Other	1285	11878	9
7	2021	7/18/2021	5:53:58 AM	7/18/2021	6:35:18 AM	380MC	MCLEWIS	Equipment Failure	2481	101508	42
7	2021	7/19/2021	6:18:07 PM	7/19/2021	6:40:28 PM	69PTA	PORT ACRES SUB	Lightning	721	15821	22
7	2021	7/19/2021	7:22:11 PM	7/19/2021	7:47:04 PM	69PTA	PORT ACRES SUB	Lightning	720	17596	25
7	2021	7/19/2021	9:53:46 PM	7/19/2021	10:00:24 PM	801FE	FEDERAL	Equipment Failure	555	3640	7
7	2021	7/19/2021	10:15:00 PM	7/19/2021	11:02:56 PM	166CH	CHEEK	Lightning	1641	78624	47
7	2021	7/19/2021	6:41:37 PM	7/19/2021	10:12:51 PM	182AM	AMELIA BULK	Lightning	1272	268667	211
7	2021	7/19/2021	6:41:45 PM	7/19/2021	10:05:27 PM	181AM	AMELIA BULK	Equipment Failure	2541	515549	204
7	2021	7/19/2021	6:41:46 PM	7/19/2021	10:05:27 PM	180AM	AMELIA BULK	Equipment Failure	1473	299426	204
7	2021	7/23/2021	12:38:46 AM	7/23/2021	4:23:19 AM	905NA	NAVASOTA	Animal	2405	535529	225
7	2021	7/23/2021	12:38:46 AM	7/23/2021	4:23:26 AM	969NA	NAVASOTA	Animal	1248	278356	225
7	2021	7/23/2021	9:49:38 AM	7/23/2021	10:47:24 AM	350PW	PARKWAY	Vegetation	1001	56779	58
7	2021	7/27/2021	10:44:03 AM	7/27/2021	10:51:56 AM	88WED	WEST END	Other	417	3177	7
7	2021	7/28/2021	6:18:42 PM	7/28/2021	7:08:38 PM	121EL	ELIZABETH	Public Damage	937	46538	50
7	2021	7/28/2021	12:59:02 AM	7/28/2021	1:11:15 AM	325CO	CORDREY	Other	1418	15526	12
7	2021	7/31/2021	6:22:52 PM	7/31/2021	9:54:44 PM	112MC	MCHALE	Equipment Failure	820	135789	212
7	2021	7/31/2021	1:18:00 AM	7/31/2021	3:52:00 PM	257GV	GROVETON	Vegetation	51	43700	874
8	2021	8/3/2021	7:37:00 AM	8/3/2021	9:21:02 AM	64CRK	CROCKETT	Animal	1011	93413	104
8	2021	8/6/2021	4:36:35 PM	8/6/2021	5:19:03 PM	34KOL	KOLBS	Animal	966	40371	43
8	2021	8/7/2021	1:08:10 PM	8/7/2021	2:19:18 PM	154BE	BEVIL	Equipment Failure	712	50437	71
8	2021	8/7/2021	1:15:29 PM	8/7/2021	2:06:36 PM	342JT	JOHNSTOWN	Vegetation	894	45595	51
8	2021	8/8/2021	3:02:00 PM	8/8/2021	6:14:00 PM	22YAN	YANKEE DOODLE	Vegetation	407	76032	192
8	2021	8/8/2021	2:35:28 PM	8/8/2021	4:22:03 PM	46PTN	PORT NECHES	Equipment Failure	1300	137384	107
8	2021	8/9/2021	2:24:40 PM	8/9/2021	3:11:41 PM	704GL	GOSLIN	Other	1673	78263	47
8	2021	8/9/2021	6:15:27 PM	8/9/2021	8:31:11 PM	704GL	GOSLIN	Equipment Failure	16	2171	136
8	2021	8/12/2021	11:34:15 AM	8/12/2021	1:59:28 PM	78JRU	JIROU	Lightning	295	11944	145
8	2021	8/12/2021	2:02:25 AM	8/12/2021	2:27:05 PM	330AD	ADAMS BAYOU	Public Damage	14	10425	745
8	2021	8/16/2021	1:07:00 PM	8/16/2021	3:47:55 PM	513CN	CONAIR	Lightning	1373	218319	160
8	2021	8/16/2021	7:27:51 PM	8/16/2021	8:06:23 PM	40LNB	LINDBERGH	Other	328	12638	39
8	2021	8/16/2021	3:45:10 PM	8/16/2021	7:02:00 PM	41LNB	LINDBERGH	Lightning	1603	310404	197
8	2021	8/16/2021	4:50:01 PM	8/16/2021	4:55:57 PM	122EL	ELIZABETH	Other	539	3175	5
8	2021	8/16/2021	7:15:48 PM	8/16/2021	7:21:00 PM	123EL	ELIZABETH	Other	1844	9510	6
8	2021	8/18/2021	12:46:08 PM	8/18/2021	1:27:35 PM	74RAY	RAYWOOD	Equipment Failure	1154	46636	41
8	2021	8/21/2021	4:21:06 PM	8/21/2021	6:10:17 PM	72ECH	ECHO	Equipment Failure	489	52760	109
8	2021	8/24/2021	8:41:42 PM	8/25/2021	12:32:45 AM	330AD	ADAMS BAYOU	Lightning	141	32255	231
8	2021	8/24/2021	8:20:45 PM	8/24/2021	11:12:55 PM	324CO	CORDREY	Equipment Failure	1559	265660	172
8	2021	8/25/2021	11:38:09 AM	8/25/2021	12:59:49 PM	331AD	ADAMS BAYOU	Scheduled Outage	181	14781	81
8	2021	8/26/2021	3:58:15 PM	8/26/2021	5:06:55 PM	70ECH	ECHO	Vegetation	758	51845	68
8	2021	8/27/2021	4:50:08 PM	8/27/2021	4:57:55 PM	8LAS	LAKESIDE	Other	30	233	7
8	2021	8/28/2021	1:59:08 AM	8/28/2021	4:23:00 AM	69PTA	PORT ACRES SUB	Lightning	723	102144	144
8	2021	8/29/2021	11:28:23 AM	8/29/2021	1:17:09 PM	628TE	TEMCO	Equipment Failure	415	44798	109
8	2021	8/30/2021	4:49:35 PM	8/30/2021	4:54:55 PM	138CI	CALDWELL INDUSTRIAL	Equipment Failure	207	1105	5
8	2021	8/30/2021	3:08:43 PM	8/30/2021	4:09:42 PM	138CI	CALDWELL INDUSTRIAL	Public Damage	265	16164	61
8	2021	8/31/2021	7:09:04 AM	8/31/2021	9:25:02 AM	127SO	SOMERVILLE	Scheduled Outage	411	55202	136

8	2021	8/31/2021	10:09:20 AM	8/31/2021	12:43:45 PM	127SO	SOMERVILLE	Scheduled Outage	414	62704	154
8	2021	8/31/2021	11:10:06 PM	8/31/2021	11:15:09 PM	UNKN	NULL	Other	2468	12350	5
9	2021	9/2/2021	12:51:04 PM	9/2/2021	2:46:11 PM	16LCN	LINCOLN	Other	294	32494	115
9	2021	9/3/2021	1:07:54 PM	9/3/2021	1:28:27 PM	743OK	OAK RIDGE - TX	Lightning	1031	20882	21
9	2021	9/6/2021	1:00:55 PM	9/6/2021	6:23:34 PM	8LAS	LAKESIDE	Equipment Failure	35	11292	323
9	2021	9/7/2021	9:58:55 AM	9/7/2021	1:01:51 PM	111MC	MCHALE	Scheduled Outage	355	63845	183
9	2021	9/10/2021	1:22:18 AM	9/10/2021	11:23:20 AM	342WN	WINFREE	Public Damage	300	176852	601
9	2021	9/11/2021	4:59:22 AM	9/11/2021	8:42:35 AM	80LAV	LAKEVIEW	Equipment Failure	687	151342	223
9	2021	9/12/2021	7:26:43 AM	9/12/2021	11:11:00 AM	250BY	BAYOU FANNETT	Public Damage	328	72892	225
9	2021	9/13/2021	4:37:06 PM	9/13/2021	5:36:42 PM	362HT	HEIGHTS	Equipment Failure	205	12215	59
9	2021	9/15/2021	12:12:09 PM	9/15/2021	12:18:38 PM	270BC	BROOKS CREEK	Other	49	323	6
9	2021	9/16/2021	2:28:55 PM	9/16/2021	5:12:14 PM	360BD	BRIDGE CITY	Other	1173	40410	164
9	2021	9/20/2021	3:07:11 PM	9/21/2021	10:02:56 AM	HULL	NULL	Foreign Trouble	4	4543	1135
9	2021	9/21/2021	9:00:02 AM	9/21/2021	10:09:50 AM	132CE	CENTRAL	Scheduled Outage	8	558	69
9	2021	9/21/2021	10:06:00 AM	9/21/2021	12:04:30 PM	213BA	BAYSHORE	Scheduled Outage	243	13181	118
9	2021	9/21/2021	8:28:13 AM	9/21/2021	9:31:24 AM	714SL	SOUTH LIBERTY	Other	104	6508	63
9	2021	9/22/2021	11:38:14 AM	9/22/2021	12:30:17 PM	197NE	NECHES	Equipment Failure	134	6819	52
9	2021	9/22/2021	2:30:46 PM	9/22/2021	3:45:48 PM	197NE	NECHES	Equipment Failure	134	9830	75
9	2021	9/24/2021	1:47:00 PM	9/24/2021	2:54:11 PM	122EL	ELIZABETH	Equipment Failure	745	28403	67
9	2021	9/27/2021	5:48:00 PM	9/27/2021	5:56:00 PM	681VI	VIWAY	Other	69	552	8
9	2021	9/28/2021	12:23:26 PM	9/28/2021	12:42:55 PM	119RB	REBEL	Lightning	272	5320	19
9	2021	9/29/2021	8:03:45 AM	9/29/2021	10:50:46 AM	375MR	MERLIN	Public Damage	7	1151	167
9	2021	9/29/2021	5:22:37 PM	9/29/2021	5:33:00 PM	16LCN	LINCOLN	Equipment Failure	192	1982	11
9	2021	9/29/2021	8:38:25 AM	9/29/2021	12:39:29 PM	521BW	BENTWATER	Scheduled Outage	251	60507	241
10	2021	10/1/2021	8:23:00 PM	10/2/2021	2:02:51 AM	569DC	DOUCETTE	Scheduled Outage	61	20390	339
10	2021	10/2/2021	2:02:00 AM	10/2/2021	2:08:52 AM	569DC	DOUCETTE	Other	194	1323	6
10	2021	10/6/2021	11:45:53 AM	10/6/2021	12:26:13 PM	755FO	FOREST	Equipment Failure	1451	58322	41
10	2021	10/6/2021	11:45:53 AM	10/6/2021	1:38:13 PM	755FO	FOREST	Equipment Failure	579	64928	113
10	2021	10/6/2021	1:31:00 PM	10/6/2021	1:38:00 PM	755FO	FOREST	Other	1451	10122	7
10	2021	10/6/2021	3:57:19 AM	10/6/2021	4:02:43 AM	766AL	NULL	Equipment Failure	1630	8779	5
10	2021	10/7/2021	5:51:00 AM	10/7/2021	5:57:00 AM	513CN	CONAIR	Other	1732	10374	6
10	2021	10/7/2021	5:51:48 AM	10/7/2021	5:59:07 AM	567CR	CRYSTAL	Other	1096	8011	8
10	2021	10/7/2021	3:10:10 PM	10/7/2021	3:49:23 PM	969NA	NAVASOTA	Equipment Failure	1198	46787	39
10	2021	10/9/2021	8:09:01 AM	10/9/2021	10:27:39 AM	119RB	REBEL	Equipment Failure	272	37846	138
10	2021	10/11/2021	7:34:43 AM	10/11/2021	7:41:01 AM	69PTA	PORT ACRES SUB	Lightning	713	4469	7
10	2021	10/12/2021	9:58:20 PM	10/13/2021	12:16:50 AM	590AP	APRIL	Equipment Failure	1599	220252	138
10	2021	10/12/2021	5:25:18 AM	10/12/2021	6:15:29 AM	567CR	CRYSTAL	Public Damage	1057	52988	50
10	2021	10/13/2021	12:01:06 PM	10/13/2021	1:13:11 PM	132CE	CENTRAL	Scheduled Outage	8	576	72
10	2021	10/13/2021	3:12:50 AM	10/13/2021	3:21:20 AM	703GL	GOSLIN	Equipment Failure	1592	13528	9
10	2021	10/14/2021	8:33:20 AM	10/14/2021	9:45:55 AM	185PS	PANSY	Equipment Failure	537	38829	72
10	2021	10/15/2021	11:34:45 AM	10/15/2021	11:43:37 AM	86WED	WEST END	Other	253	2233	9
10	2021	10/16/2021	8:09:49 AM	10/16/2021	8:16:17 AM	5LAS	LAKESIDE	Scheduled Outage	154	981	7
10	2021	10/17/2021	1:08:37 AM	10/17/2021	2:36:05 AM	567CR	CRYSTAL	Equipment Failure	703	61489	88
10	2021	10/19/2021	2:28:09 PM	10/19/2021	3:09:36 PM	570CR	CRYSTAL	Human Error	1245	51424	41
10	2021	10/20/2021	8:37:38 AM	10/20/2021	11:43:22 AM	478MD	MCDONALD	Scheduled Outage	386	71319	186
10	2021	10/20/2021	10:52:35 AM	10/20/2021	11:43:33 AM	316TA	TAMINA	Scheduled Outage	295	14829	51
10	2021	10/21/2021	4:12:32 PM	10/21/2021	6:09:28 PM	405CV	CLEVELAND - TX	Other	22	2689	117
10	2021	10/24/2021	12:33:19 PM	10/24/2021	1:42:10 PM	342JT	JOHNSTOWN	Scheduled Outage	347	24059	69
10	2021	10/24/2021	3:54:12 PM	10/24/2021	4:24:25 PM	335NC	NEW CANEY	Scheduled Outage	549	16562	30
10	2021	10/26/2021	4:27:52 PM	10/26/2021	5:32:11 PM	335NC	NEW CANEY	Scheduled Outage	2208	44598	65
10	2021	10/26/2021	4:06:26 PM	10/26/2021	4:48:44 PM	627TE	TEMCO	Other	499	21065	42
10	2021	10/30/2021	8:16:28 PM	10/31/2021	12:03:58 AM	592AP	APRIL	Equipment Failure	1164	237479	227
10	2021	10/30/2021	7:24:00 AM	10/30/2021	5:35:28 PM	426CV	CLEVELAND - TX	Other	255	155312	611
10	2021	10/30/2021	4:36:31 PM	10/30/2021	9:08:00 PM	577CN	CONROE BULK	Equipment Failure	544	353758	272
11	2021	11/2/2021	9:17:58 AM	11/2/2021	10:49:47 AM	73RAY	RAYWOOD	Scheduled Outage	83	7364	92
11	2021	11/3/2021	6:32:16 PM	11/3/2021	7:12:50 PM	162VD	VIDOR	Vegetation	1841	73935	40
11	2021	11/3/2021	2:38:07 PM	11/3/2021	3:25:51 PM	704GL	GOSLIN	Equipment Failure	1673	56670	47
11	2021	11/3/2021	5:52:12 PM	11/3/2021	6:33:27 PM	572CN	CONROE BULK	Equipment Failure	5080	208602	41
11	2021	11/3/2021	2:04:29 PM	11/3/2021	2:52:27 PM	574CN	CONROE BULK	Vegetation	3279	156495	48
11	2021	11/8/2021	12:36:58 PM	11/8/2021	2:30:48 PM	405CV	CLEVELAND - TX	Other	880	99613	114
11	2021	11/8/2021	12:36:58 PM	11/8/2021	2:32:12 PM	403CV	CLEVELAND - TX	Other	3521	394551	116
11	2021	11/10/2021	7:41:11 PM	11/10/2021	8:36:09 PM	720ME	METRO	Other	550	29959	55
11	2021	11/11/2021	4:35:20 AM	11/11/2021	7:09:26 AM	257GV	GROVETON	Vegetation	145	22190	154
11	2021	11/17/2021	2:06:54 PM	11/17/2021	5:58:13 PM	598TA	TAMINA	Scheduled Outage	884	202872	232
11	2021	11/19/2021	6:32:00 AM	11/19/2021	10:52:02 AM	403CV	CLEVELAND - TX	Equipment Failure	1467	379132	260
11	2021	11/19/2021	7:28:00 AM	11/19/2021	10:52:00 AM	404CV	CLEVELAND - TX	Equipment Failure	2041	413712	204
11	2021	11/19/2021	6:32:00 AM	11/19/2021	11:01:00 AM	406CV	CLEVELAND - TX	Equipment Failure	1998	535041	269
11	2021	11/19/2021	6:32:00 AM	11/19/2021	7:28:00 AM	404CV	CLEVELAND - TX	Equipment Failure	2039	113456	56
11	2021	11/19/2021	6:32:27 AM	11/19/2021	10:54:20 AM	405CV	CLEVELAND - TX	Equipment Failure	874	227838	262
11	2021	11/20/2021	2:01:06 PM	11/20/2021	2:26:00 PM	403CV	CLEVELAND - TX	Scheduled Outage	2371	58730	25
11	2021	11/22/2021	4:33:07 PM	11/22/2021	5:10:07 PM	39TYR	TYRRELL	Other	9	333	37
11	2021	11/23/2021	10:46:33 PM	11/23/2021	11:34:43 PM	176PR	PARKDALE	Other	415	19891	48

Sponsored by: Melanie L. Taylor and Khamsune Vongkhamchanh

11	2021	11/27/2021	5:43:54 AM	11/27/2021	7:14:10 AM	281ML	MEMORIAL	Public Damage	995	89190	91
11	2021	11/28/2021	2:48:14 AM	11/28/2021	6:37:24 AM	193NE	NECHES	Equipment Failure	1466	329785	229
11	2021	11/28/2021	2:48:14 AM	11/28/2021	6:22:24 AM	197NE	NECHES	Equipment Failure	12	2569	214
12	2021	12/2/2021	3:10:00 AM	12/2/2021	3:15:11 AM	551EP	EGYPT	Scheduled Outage	2786	14063	5
12	2021	12/4/2021	1:45:07 AM	12/4/2021	3:29:16 AM	37TYR	TYRRELL	Equipment Failure	493	50402	104
12	2021	12/6/2021	9:50:37 AM	12/6/2021	11:25:47 AM	632WT	WYNTEX	Equipment Failure	939	81901	95
12	2021	12/7/2021	7:18:31 AM	12/7/2021	4:34:41 PM	157HA	HAMPTON	Scheduled Outage	5	2753	556
12	2021	12/9/2021	6:51:00 AM	12/9/2021	7:51:28 AM	335NC	NEW CANEY	Other	2253	135158	60
12	2021	12/10/2021	8:00:59 PM	12/10/2021	8:09:44 PM	18LOB	LOEB	Other	472	4100	9
12	2021	12/11/2021	11:01:30 AM	12/11/2021	4:44:43 PM	782PW	PARKWAY	Vegetation	365	124930	343
12	2021	12/14/2021	4:34:20 PM	12/14/2021	4:40:20 PM	782PW	PARKWAY	Scheduled Outage	365	2178	6
12	2021	12/18/2021	10:37:45 AM	12/18/2021	11:48:55 AM	537LA	LACON	Equipment Failure	2352	166673	71
12	2021	12/18/2021	3:04:14 PM	12/18/2021	9:38:44 PM	5LAS	LAKESIDE	Other	155	61147	394
12	2021	12/18/2021	11:13:58 AM	12/18/2021	1:10:17 PM	570CR	CRYSTAL	Vegetation	1149	133052	117

ENTERGY TEXAS, INC.
QUALITY OF SERVICE COMPLAINTS
FOR TWELVE MONTHS ENDED December 31, 2021

Entergy places high importance on responding to customer issues. Complaints and concerns are recorded in its Customer Care System (CCS) and are directed to the appropriate department for resolution. The Company's Customer Issue Resolution (CIR) program captures issues in CCS and coding of complaints into nineteen areas. Whenever a customer expressed dissatisfaction or has any type of customer issue, each issue is assigned to an owner. The objective is to decrease the occurrences of repeat calls to the customer contact center and to improve customer satisfaction.

To ensure local control of the CIR process, complaint owners from each organizational unit with direct customer contact are designated to handle complaints. The complaint owner serves as a point of contact in their function as someone with the most knowledge of the customer's issue and the most authority to resolve it. The Texas Customer Service Support group oversees the local CIR process when complaints are not resolved by the Customer Contact Center to ensure each local functional group resolves their assigned customer issue, ensures consistency through liaison within workgroups that have direct customer contact, provides technical analysis expertise, and manages the reporting and tracking function.

The department assigned to the customer complaint owns the complaint until resolution. Emphasis is placed on ownership of the issue and reducing the need for the customer to call the customer contact center again about the same issue. Entergy continues to use this valuable customer feedback to make changes in processes and improve customer satisfaction.

The Texas Customer Service Support group places priority on successfully managing the complaint process for its Texas customers. All complaints are recorded in the CIR database and are categorized by type and subtype. Each complaint record also includes the means by which it was received and the source of the complaint. ETI adheres to the following to address customer complaints:

- A customer's call is returned by an individual who can listen to the customer's complaint.
- Regulatory complaints are completed with a formal written response to the customer and the Public Utility Commission of Texas' (PUCT) Office of Customer Protection within twenty-one calendar days from the receipt of the complaint and are assigned to Texas Customer Service Support as the complaint owner.

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- Routine complaints are generally received by one of the four areas: Customer Contact Center, local field personnel, Entergy website or Facebook.
- In order to monitor and better manage recurring issues, a customer contact center call voice recording process has been instituted. This call monitoring process provides for individual call voice recordings and confirms discussions held with customers. This process is a unique training tool to avoid recurring issues and is valuable in confirming conversations with customers that result in misunderstandings.
- Automated dialer calls and/or texts are utilized in order to proactively mitigate customer complaints. These messages are used to communicate with our customers for many different reasons. By better communicating with customers, this is impacting the number of follow-up calls and inquiries by customers, as well as complaints by proactively resolving issues beforehand. Below are reasons the automated dialer calls and/or texts are used to communicate with our customers.
    - Mandated by Public Authority
    - Scheduled Interruption
    - Vegetation Trimming
    - Emergency Outage Information
    - Pole Inspections
    - Transmission Outages
    - Turn-off orders

Complaints are now categorized into 16 types. A ranked summary of complaints for Texas is shown below for January 1, 2021 through December 31, 2021:

Type	Number of Complaints	Percent
Access Availability CCC and Care Center	24	0.30%
Bill Delivery	27	0.34%
Billing	1956	24.68%
Credit & Collection	224	2.83%
Damages	1007	12.71%
Deposit	242	3.05%
Lighting	72	0.91%
Meter Reading	147	1.85%
myEntergy	2010	25.36%
Other	362	4.57%
Outage – Electric	552	6.97%
Payment Processing	90	1.14%
Personnel	214	2.70%
Service – Electric	829	10.46%
Service Diversion	8	0.10%
Tree Trim	161	2.03%
Total	7,925	100%

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ENTERGY TEXAS, INC.
TREE TRIMMING PROGRAM
VEGETATION MANAGEMENT PROGRAM
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

The Entergy System has developed a comprehensive Vegetation Management Program that minimizes customer service interruptions due to vegetation contact with power lines. This program has improved service reliability, improved customer satisfaction, created a more productive trimming workforce, and minimized the long-term cost of vegetation maintenance in and around Entergy's rights-of-way (ROW). The key elements of the program are:

- Utilize custom trimming cycles for each feeder in the Entergy system so that trimming will occur according to a feeder's specific needs and will be accomplished before service interruptions become a problem,

- Design Reactive trimming (internal and external customer requests that arise between cycles) work processes to aggressively set and meet customer work completion commitment dates,

- Utilize proactive and planned approaches to manage vegetation between cycles, thus minimizing problems with dead/damaged trees, vines, and other vegetation-related conditions that may arise.

To facilitate the implementation of the above program elements, Entergy has the following strategies to accomplish the overall goal and objectives provided above:

- Utilize an algorithmic approach to determine a feeder's appropriate cycle, facilitating optimal planning, and scheduling of trimming activities.

- Utilize a centralized organizational design to help manage the overall process (contractor management, work processes, measures, etc.).

- Utilize contractor management strategies to focus the organization on customer satisfaction, feeder trimming costs, reactive work costs, and contractor compliance with Entergy tree trimming specifications, trimming schedules, etc.

- Utilize constant analysis of performance to maximize reliability. Vegetation Management personnel have developed several performance tracking tools, used on a weekly or monthly basis, to identify the "Worst of the Worst" reliability performers and address them in a timely fashion.

- Utilize a "Hazard Tree" removal program designed to target feeders with high numbers of outside ROW tree outages or feeders with historical evidence of the same, patrol them, and identify/remove any "Hazard Trees". ("Hazard Trees" are any dead, dying, decayed, or leaning trees that could potentially pose a threat to Entergy service and equipment).

SPONSOR: Melanie L. Taylor

- Utilize a Skyline program designed to remove all vegetation overhanging the line on areas of ROW that historically have high numbers of overhang-related outages.

- Utilize herbicides for floor treatment to increase visibility and safety along the ROW's, as well as lower future maintenance costs.

- Utilize Tree Growth Regulators (TGR) in conjunction with the maintenance program to address specific areas where the application is feasible.

These process improvements have been implemented throughout the Entergy System. To monitor and assure full implementation, the following activities have been initiated and are ongoing:

- Audit each operating Area Vegetation Management organization to assure compliance, identify gap issues, and make necessary adjustments.

- Work towards long-term agreements with key contractors and clearly establish market unit-based pricing for trimming activities within each Operating Area.

- Monitor internal workload of Vegetation Management personnel to provide work destruction/addition as necessary to supply continued quality service to all internal and external customers.

For 2021 Entergy Texas reported:

- Distribution Line Vegetation System Average Interruption Frequency Index (SAIFI) is 0.221. This is slightly above the three-year average of .200

- Distribution Line Vegetation System Average Interruption Duration Index (SAIDI) is 36.5. This is equal to the three-year average of 36.5, and slightly better than last year's 37.4.

- Distribution Line Vegetation Outages decreased 12.5% from 2,315 to 2,028 in 2021.

- Distribution Vegetation had zero PUCT-reported Complaints. Customer complaints were reduced to 36, from 101 the previous year.

- Vegetation Management removed 600 Hazard Trees in 2021, which does not include the number of trees removed during storm recovery efforts in a very active storm year that resulted in a number of tree failures during the events.

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ENTERGY TEXAS, INC.
QUALITY OF SERVICE IMPROVEMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

Entergy Texas continues to maintain and implement systems and processes for the improvement of quality of service to its customers. Some of the organizations, programs and activities for improving quality of service are:

Distribution Operations Organization

The Distribution Operations Organization was developed to meet customer expectations in the following key areas: scheduling commitments, service reliability, and outage restoration information. Local management of service teams is also provided for routine service work and outage restoration. Distribution Operations also provides Vegetation, Asset Planning, Asset Management, Standards, Fleet, ROW, Environmental, and Compliance activities.

Another part of the Distribution Operations Organization provides process standardization and support for Industrial Metering and Meter Reading.

Asset Planning Organization

The function of planning for and providing reliable electric service is addressed by the Planning Organization. The organization is distributed throughout the Entergy System, and ETI is served directly by the Asset Planning personnel domiciled in Texas. The Asset Planning engineers maintain direct communication with their key customer groups. Capacity planning, project planning, ranking, and prioritization are performed with a consistent set of process guidelines, which assure that the resources expended will improve the quality of service.
Improved technological tools and software are utilized to provide load modeling, reliability modeling, and electrical/customer connectivity modeling.

Work and Asset Management Organizations

The function of monitoring and providing reliable electric service is addressed by the Work Management Organization and the Asset Management Organization. Work Management is managed directly by personnel domiciled in Texas. Its main function is to manage the implementation of reliability and infrastructure projects identified through collaboration with ETI's Customer Service Organization. Asset Management is an ESL system service organization providing independent oversight, monitoring and guidance to the Work Management.

ETI's service reliability is addressed through the aggressive implementation of the following major programs and initiatives:

- **Vegetation Management Program:** ETI's distribution line vegetation management consists primarily of three components: (1) a cycle-based proactive component; (2) a reactive, customer-driven component; and (3) a

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hazard tree component. The cycle-based component is based on a Cycle Trim Model utilizing artificial intelligence to predict the best time to trim any particular feeder by projecting vegetation growth based on data provided to the model. The average target trim cycle is approximately 4.5 years. The reactive component consists of unplanned trimming, which is primarily driven by customer-initiated requests throughout the year on all circuits, not just those that may be in the current cycle trim plan. The hazard tree component targets trees outside of the Company's right-of-way, which have been identified as being structurally unsound and that pose a risk of striking the Company's distribution lines if they were to fall.

- **Planned Improvement:** The planned improvement programs address system capacity. Projects address situations where delivery voltage or loading levels are approaching ranges that require action.

- **Sectionalization:** The Company funds an annual sectionalization program that identifies opportunities to reduce customer exposure through the addition of automatic isolating devices (i.e., an automated load transfer scheme ("ALT")), pole top switches, and reclosers. An ALT is a group of multiple reclosers that communicate with each other to minimize the outage to as small of an area as possible, thus quickly restoring service to as many customers as possible. Proposals are planned, prioritized, and implemented based on their projected impact on reliability, and projects are based on analyzing the data returned from new reporting and analytics from a combination of distribution automation and the Distribution Management System ("DMS") and Outage Management System ("OMS") component of the AMS project. That more granular and robust data is modeled in simulations to forecast where sectionalization can be most effective. Moreover, all of the new distribution devices that are installed as part of distribution automation sectionalization projects have new, modern controls and equipment that are connected to a communications network for enhanced visibility and remote control. Those projects also utilize multiple ALT devices and configurations that should improve the effectiveness of sectionalization – i.e., fewer customers affected when outages do occur.

- **FOCUS Program:** The FOCUS Program is a reactive program that uses historical outage data over the prior two-year period and an algorithm to identify devices (e.g., breakers, reclosers, line fuses, and sectionalizers) where reliability has been adversely affected. The FOCUS Program then creates a list of FOCUS devices, which is prioritized by customer interruptions and reviewed and updated on a quarterly basis. Using local knowledge and the algorithm rank, areas

behind the devices are then selected based on historical customer interruptions and frequency of outages to have work performed during the calendar year. The intent of the FOCUS Program is to improve the reliability performance of the selected FOCUS-identified devices.

- **Pole Program:** The Pole Program is a cyclical proactive inspection and preventive maintenance program. The Program consists of a visual inspection of the pole and full excavation where possible or sounding and selective boring when full excavation is not possible. The recommended actions depend on the findings of the inspection. Poles judged to be sound receive no further action. Those identified as needing additional attention are either treated in the field or reinforced, depending on the condition of the pole. Those that are deemed beyond treatment or reinforcement are prioritized for replacement. ETI's Pole Program has been and will be focused on addressing poles identified in pole inspections as needing repair or replacement and on addressing joint use transfers.

- **Equipment Maintenance Program:** This program includes recloser, capacitor bank and voltage regulator inspections. Issues are either immediately resolved in the field or reported for planning and implementation of repair or replacement.

- **Underground Cable Program:** The activities performed under this category includes the replacement of end-of-life underground conductor with new EPR cable in conduit in the underground Network, which include The Woodlands. Placing the conductor inside conduit is intended to enhance restoration time.

- **Internal Request Program:** The purpose of the activities in the Internal Projects category is to address NESC compliance, Entergy Service Standards compliance, and other emergent critical infrastructure needs that arise and cannot be timely addressed in any other reliability program. Examples of compliance projects include adjusting the height of existing service and/or secondary cable over a roadway or existing communications cable to maintain prescribed clearance.

- **Feeder Level Investment Program (FLIP)**: FLIP is a multi-year initiative for proactive investments intended to make long-term improvements to reliability performance, as measured by SAIFI and SAIDI, through infrastructure replacement, reconfiguration, and adding communicating devices. Importantly, FLIP analyzes the potential for investments on the entire feeder and the

associated reliability improvements that may be achieved by proactively replacing or reconfiguring aging infrastructure and adding communicating devices, as identified through an eight-step stage gate process. This type of investment is expected to prevent outages before they occur as well as reduce the number and duration of outages that do occur relative to the entire feeder in contrast to the traditional, strategic reliability projects that are largely targeted at preventing outages from reoccurring on specific devices and line segments

- **Weather Monitoring:** Weather detection and forecast tools have been made widely available throughout the Entergy System via Entergy Net and the internet. These tools include US Radar, IR Satellite information, and seven-day weather forecasts for the major metropolitan areas. For the four-state area served by Entergy, regional radar, precipitation forecasts, temperature forecasts, and river forecasts are available. Entergy utilizes a weather service provider to obtain customized forecasts for the Entergy service territories along with access to meteorological consulting services during extreme weather events. These monitoring tools facilitate the quick mobilization of Entergy resources for customer restoration anywhere within the System.
-
- **Enterprise Asset Management/Workforce Management System:** The Enterprise Asset Management/Workforce Management Systems replaced all asset and work management systems (DIS, DSS, SWMS, LWMS, and more) across the utilities with Maximo and Click. Maximo serves as the single-system data repository for equipment data and provides work order management capabilities that enable Entergy to better plan customer-related and maintenance work. Click provides automated mobile workforce management and service optimization solutions that allows Entergy to streamline the scheduling and dispatching of field service employees, all from a single system. It includes both ClickSchedule and ClickMobile. ClickSchedule is used to schedule and optimize the dispatching of work to field crews, while ClickMobile is an application that supports real-time completion of all field work on a mobile device.

- **Outage Information -- Outage Management System & PREDCT:** The Company continues to improve the quality of information available to its customers regarding power outages. Providing quality outage information is intended to satisfy the customer's basic need for detailed information at the time of the initial inquiry.

  The Company's Outage Management System, a component of its Distribution Management System, takes advantage of various available sources of outage information. Outage information is provided to the customer via the Interactive Voice Response (IVR) system, by the Customer Service Representative (CSR), or by a web-based View Outages web site available at entergy-texas.com. If the outage has already been investigated and the cause and expected duration are known, then this data is provided to the customer. Another source is from an

Area Note in the Outage Management System. Lastly, if all of these sources are exhausted, an Estimated Restoration Time, based on data that has been incorporated into the Outage Management System, provides an estimate based on historical data. This data matches the caller's local office, the day of the week, and time of day with past outage durations.

- **Distribution Automation:** The installation and expansion of Entergy's AMS communications network. Consists of a combination of devices including reclosers, regulators, network protectors, and underground switchgear across the entire system.

- **Advanced Metering:** Advanced meters provide two-way communication between Entergy and customers over a robust communication network. The meters read energy use in near-real time, helping to identify outages faster, resolve billing issues more quickly, and provide customers with a better understanding of their energy usage.

- **GDT – Graphical Design Tool:** The Distribution Designers use GDT to create construction work orders for new electric distribution installations as well as designed modifications to our existing distribution system. GDT has analytical tools which aid our designers by determining if the current design complies with Entergy's Engineering Guidelines for structural integrity, proper clearances, and various electrical parameters.

Transmission Organization

The Transmission Organization's Asset Management ("AM") group has clarified and standardized its funding of capital projects. AM uses a ranking and tracking system, that provides improved accountability and planning of work to be performed. Root cause analysis that uses lightning detection, solid state relays and digital fault recorders, is coupled with improved outage recording software, to allow for trending and examination, all of which target quality improvements. Additionally, each discipline has advanced its ongoing work processes as follows:

- **Vegetation Maintenance:**
  - Procedures, software, and organizational structure, along with additional aerial patrols of lines 200 kV and higher, have improved work tracking, hazard identification and record management; and
  - A two year herbicide cycle has been maintained.

- **Substation Maintenance:**
  - Monthly substation inspections, which include infrared inspections, to proactively identify current and potential issues;

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- Condition-based maintenance practices, which ensure maintenance occurs when needed based on actual use of the equipment;
- Diagnostics assessments that determine maintenance needs;
- Animal mitigation reducing outages and damage to equipment;
- Strategic spare equipment inventory to reduce restoration times following service interruptions;
- Enhanced security at key substations; and
- Implementation of advanced technology on key equipment to monitor equipment health

- **Line Maintenance**:
  - Using improved insulating techniques (material and design) to mitigate flashover risk;
  - Installed avian mitigation; and
  - Improved grounding techniques (material and design) to mitigate lightning damage.

Customer Service Organizations

The Customer Service Organizations at Entergy work to drive positive outcomes and customer satisfaction through our Customer Contact Centers, the delivery of products and services, key account management of municipal and commercial/industrial customers, complaint resolution, community engagement, charitable contributions, sales and services, and low-income customer assistance. Entergy continues to make investments and improvements to inform customers during the critical moments of interactions with Entergy as well as provide tools and education that allow customers the opportunity to save money on electrical usage through the communications channel of their choice. These efforts to deliver and improve the quality of service through ease of use, convenience and relevant information include:

- Customers who prefer self-service with access to the internet have several ways they can access information and complete transactions on their computer or mobile device:
  - By registering for myEntergy, Entergy's online account management systems, customers can manage their bills, payments, start/stop/move or transfer service and obtain account information at their convenience without having to contact ETI. A new, mobile-friendly interface with modern design was launched in 2020 with easier to understand bills and links to the myAdvisor tools discussed below. In addition, ETI customers can now apply online to start, stop, or move their electric service within myEntergy.
  - ETI customers with advanced metering can access daily usage data, bill analyzer and projections, set usage goals and other energy efficiency tools through myAdvisor. Tools and instructional videos are also provided in Spanish.
  - A new native Entergy mobile app was also introduced in 2020 for customers who prefer to do business with their smart phones (iPhone or Android only). The

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Entergy App enables customers to quickly sign up for texting services, easily login to their account, manage their account preferences, view and pay their bill, view their usage, report a power outage, and access our real-time native outage map, View Outages. Since the mobile app launch, new features are being added regularly to provide enhanced information and experience, products and services, and other convenient options to meet the needs of our customers. Street Light map to report outages and an alternative method to pay via credit/debit card are the most recent new features. Customers may change their phone settings to use the mobile app in Spanish.

- Through the View Outages map, available on both the myEntergy and mobile app platforms, customers can monitor the status of outages near their homes and businesses or those of family members. The system offers information on the number of customers out, outage start time and estimated restoration time, and comments from the field. Outage counts are available by county and zip code. Additional layers have been included for distribution reliability work, planned outages, and streetlight out map, along with improved navigational aids and instructional videos.
- Online bill payment options are convenient, flexible, and can be made 24 hours a day, 7 days a week. Customers can pay online via a checking or savings account on the myEntergy website and Entergy's mobile app at no charge with real-time posting. The My eBusiness digital platform was expanded to allow managed commercial and industrial customer accounts with free ACH payment option. Online or mobile payments made on weekends or after regular business hours are credited the next business day. This is an easy alternative to Quick Payment Centers and an opportunity to save money and time when mailing in payments.
- Entergy also offers online bill payment via credit and debit card utilizing a third-party vendor, Bill-Matrix for a small fee. Two new payment options were added in 2020 – the Walletron moBills® payment channel and SMS Pay by Text payment channel – for payment through a mobile device utilizing another third-party vendor, ACI Speedpay, for a small fee. An alternative credit/debit card payment option has been added via ACI SpeedPay in both myEntergy and the mobile app. The transaction fee paid by the ETI customer using these third party vendors is $1.60 for online or mobile payments, down from $2.95 per transaction before.

- Notifications are another way ETI keeps customers informed. Customers have the choice of receiving notifications through email, text or voice. ETI continues to enhance notifications to improve the timeliness, accuracy, and customer benefit of the process. The rollout of myEntergy included approximately 120 billing, payment, outage, and work order notifications and new ways to report outages should they occur.
  - Proactive outbound outage communications to customers include both voice, text and email channels based on customer preference, and provides messaging throughout the life cycle of an outage. When outages occur, customers can

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receive the following series of messages by voice, text or email: the outage is detected (includes initial estimated restoration time); serviceman has arrived; if crew is dispatched (for more significant repairs); cause of outage if known, restoration time has changed due to updated assessment; and power is restored.
    - Customers may also report an outage on myEntergy, mobile app or by texting "OUT" to 36778. Customers experiencing an outage may also check status by texting "STAT" to 36778. A new keyword "QTIME" allows customers to turn Quiet Time (11pm to 7am) off if they wish to receive outage notifications anytime, 24/7.
    - Additional alerts are also available via text and e-mail such as when their payment is due within a customer-set timeframe, if a payment is returned, and if an automatic draft payment exceeds a customer-set limit. Keyword providing for two-way texting that allows customers to check their balance by texting "BAL" to 36778 or to request a payment extension by texting "EXT" were improved.

- Customers can also self-serve or speak with a customer service representative by calling one of the two toll-free number for all services, 1-800-368-3749 (1-800-Entergy) and 1-800-968-8824 (1-800-9Outage). Calls are answered by the interactive voice response ("IVR") system. Depending on the options selected by the customer, the transaction is either handled by the IVR or the call is routed to an appropriately skilled Contact Center Representative ("CCR"). Features and service quality improvements include:
    - A new digital IVR system was deployed beginning in late 2018 providing new functionality for customers to self-serve and more efficient handling of calls directed to agents with additional data and analytics capabilities. The new IVR offers a bilingual (English and Spanish) experience, permitting Spanish-speaking callers to utilize all menus and transactions with Spanish-language prompts. Improvements are ongoing to refine and utilize the functionality enabled by this new IVR system.
    - Entergy built a new customer service console for Contact Center Representatives ("CCR") in 2020. The new console gives the CCRs the same ability to enroll customers in programs and proactive notifications along with the ability to perform the traditional transactions like balance inquiry, payment arrangements, outage/emergency reporting and start/stop/move transactions.
    - Customers can also make payments by phone using their credit card, debit card or electric check by calling Entergy's IVR and selecting the option to transfer to Bill Matrix, or calling Bill Matrix directly at 1-800-584-1241. Bill Matrix, our pay by phone provider, will charge ETI customers a $2.75 service fee, down from the $2.95 per transaction fee charged before.

- Additional services available online or by speaking with a Contact Center agent include enrollment in programs such as Level Billing, PaperFree billing, Autopay (automatic monthly payment), and Pick-A-Date; getting a payment extension or deferred payment

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arrangement if the customer meets eligibility requirements; receiving a quote to stop a disconnection action or to reconnect their service; viewing the status of a service order or permit; viewing and making copies of current or historical bills for up to 13 months; and making a pledge or one-time donation to the Power to Care fund for needy customers.

- For customers who prefer to receive a paper copy of their residential bill mailed to their home, Entergy released a redesigned residential bill in 2021 based on customer feedback. The new bill contains 1) a colorful layout to enable ETI customers to find important information, 2) charts and graphs to give ETI customers the ability to track energy usage, including weather information on how the temperature of the last billing period compared with the current billing period, and 3) definitions of line items so ETI customers can understand the different parts of their bill. This bill is also available in PDF format for customers who access their account information online, via email or on a mobile device.

- Customers can also correspond with ETI through the mail. Central Administration is a centralized group that handles a variety of customer correspondence. This correspondence is either received directly from the customer, from other internal departments, or from our CCRs. Examples of this type of request include bill copies, billing history, and program brochures. Much of the work done by this department is manually intensive. Beginning in 2017, we started the effort to automate tasks to improve the turnaround for the requests and that works continues today. Through automation turnaround time for request have significantly reduced. With the deployment of the new myEntergy website we have moved an option into place that will allow for customer to self-serve on several of these types of correspondences.

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ENTERGY TEXAS, INC.
IE-24 REPORTS (FORM 417R)-DOE
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2021

For the test year, there were ten Form OE-417 reports filed with the Department of Energy. Please see the attached OE-417 Reports:

1. February 17, 2021 Report entitled "OE-417_20210215_Final_522259F9D29BF4D1.pdf"

2. May 6, 2021 Report entitled "OE-417_Final_20210504_ADD4C76C4D31A8D.pdf"

3. June 8, 2021 Report entitled "06082021_OE417_54B27C7334ECF1A6.pdf"

4. September 6, 2021 Report entitled "20210829_Hurr-IDA_Final_259A5F0D4AF31FE9.pdf"

5. November 12, 2021 Report entitled "11122021_20211110 - Grimes - College Station - Initial - 40C7ED10048B707A.pdf"

6. November 15, 2021 Report entitled "11152021_20211110 - Grimes -college Station - update 1 - 40C7ED10048B707A.pdf"

7. November 17, 2021 Report entitled "11172021_2021 11 10 - Grimes - College Station - Update 2 - 40C7ED10048B707A.pdf"

8. November 20, 2021 Report entitled "11202021_2021 11 10 - Grimes - College Station - Update 3 - 40C7ED10048B707A.pdf"

9. November 23, 2021 Report entitled "11232021_2021 11 10 - Grimes - College Station - Update 4 - 40C7ED10048B707A.pdf"

10. November 26, 2021 Report entitled "11262021_2021 11 10 - Grimes - College Station - Final - 40C7ED10048B707A.pdf"

Sponsor: Khamsune Vongkhamchanh

2/17/2021 6:15:00 PM Submitted to DOE

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2021 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.**

RESPONSE DUE:
Within 1 hour of the incident, submit Schedule 1 and lines M - Q in Schedule 2 as an Emergency Alert report if criteria 1-8 are met.
Within 6 hours of the incident, submit Schedule 1 and lines M - Q in Schedule 2 as a Normal Report if only criteria 9-12 are met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 & lines M - Q in Schedule 2 as a System Report if criteria 13-24 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.
For NERC reporting entities registered in the United States; NERC has approved that the form OE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form OE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

(Page 1 of 4)

Criteria for Filing (Check all that apply)
See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-8 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Cyber event that causes interruptions of electrical system operations 3. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 4. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 5. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 6. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 7. [ ] System-wide voltage reductions of 3 percent or more 8. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 9-12 on the right is checked AND none of the boxes 1-8 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	9. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 10. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 11. [X] Loss of electric service to more than 50,000 customers for 1 hour or more 12. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 13-24 on the right is checked AND none of the boxes 1-12 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

13. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

14. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

15. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

16. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

17. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

18. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

19. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

20. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

21. [ ] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

22. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

23. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

24. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.

The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated

LINE NO.						
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	System Report [ ] 1 Business Day	Update [ ] As required	Final [X] 72 Hours
B.	Organization Name	Entergy Corp				
C.	Address of Principal Business Office	639 Loyola Ave. New Orleans Louisiana 70113				

2/17/2021 6:15:00 PM Submitted to DOE

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2021 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

INCIDENT AND DISTURBANCE DATA

D.	Geographic Area(s) Affected (County, State)	Texas: Arkansas:		
E.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	02 - 15 - 2021 / 06 : 45 mo dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
F.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	____ - ____ - ____ / ____ : ____ mo dd yy hh mm	[ ] Eastern [ ] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Did the incident/disturbance originate in your system/area? (check one)	Yes [ ]	No [X]	Unknown [ ]
H.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [ ]	Unknown [X]
I.	Estimate of Number of Customers Affected		Zero [ ]	Unknown [X]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

J. Cause	K. Impact	L. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☐ Failure at high voltage substation or switchyard ☒ Weather or natural disaster ☐ Operator action(s) ☐ Other ☒ Additional Information/Comments: The weather event is still ongoing. Peak demand and customers out are undetermined at this time.	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☐ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☒ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☐ Other ☐ Additional Information/Comments:	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☒ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☒ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☒ Shed Interruptible Load ☐ Repaired or restored ☒ Mitigation implemented ☒ Other ☒ Additional Information/Comments damage assessment is currently in progress. Load has been shed in certain instances. Notices to the public of current status and potential shed have been made known to news agencies and social media.

2/17/2021 6:15:00 PM Submitted to DOE

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2021 Burden Per Response: 1.8 hours

SCHEDULE 2 -- NARRATIVE DESCRIPTION

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act, e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Energy Infrastructure Information.

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

M.	Name	Jason O'Connor
N.	Title	IT Analyst
O.	Telephone Number	(504)-(576)-(7643)
P.	FAX Number	( )-( )-( )
Q.	E-mail Address	joconn3@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping). If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. **Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.**

R. Narrative:

A line of heavy thunderstorms entered the Entergy service territory at 02/13/2021 12:00 pm. Entergy system wide customer interruptions exceeded the 50,000 customers and 1 hour criteria at 02/15/2021 6:15 am. At that time system wide customer interruptions were 99,559.

We are currently experiencing additional snow fall and ice. Restoration has not begun in its full capacity

S. Estimated Restoration Date for all Affected Customers Who Can Receive Power	02 (mo) - 20 (dd) - 2021 (yy)
T. Name of Assets Impacted	

U. Notify NERC/E-ISAC	Select if you approve of all of the information provided on the Form being submitted to the North America Electric Reliability Corporation (NERC) and/or the Electricity Information Sharing and Analysis Center (E-ISAC) NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. This information would be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC and/or E-ISAC the Form will be emailed to systemawareness@nerc.net and/or operations@eisac.com when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC and/or E-ISAC. ☐ Notify NERC | ☐ Notify E-ISAC

5/6/2021 1:42:00 PM Submitted to DOE

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2021 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.**

RESPONSE DUE:
Within 1 hour of the incident, submit Schedule 1 and lines M - Q in Schedule 2 as an Emergency Alert report if criteria 1-8 are met.
Within 6 hours of the incident, submit Schedule 1 and lines M - Q in Schedule 2 as a Normal Report if only criteria 9-12 are met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 & lines M - Q in Schedule 2 as a System Report if criteria 13-24 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.
For NERC reporting entities registered in the United States; NERC has approved that the form OE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form OE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

(Page 1 of 4)

Criteria for Filing (Check all that apply)
See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-8 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Cyber event that causes interruptions of electrical system operations 3. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 4. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 5. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 6. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 7. [ ] System-wide voltage reductions of 3 percent or more 8. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 9-12 on the right is checked AND none of the boxes 1-8 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	9. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 10. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 11. [X] Loss of electric service to more than 50,000 customers for 1 hour or more 12. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 13-24 on the right is checked AND none of the boxes 1-12 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

13. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

14. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

15. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

16. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

17. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

18. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

19. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

20. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

21. [ ] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

22. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

23. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

24. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.

The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated

LINE NO.						
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	System Report [ ] 1 Business Day	Update [ ] As required	Final [X] 72 Hours
B.	Organization Name	Entergy Corp				
C.	Address of Principal Business Office	639 Loyola Ave. New Orleans Louisiana 70113				

5/6/2021 1:42:00 PM Submitted to DOE

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2021 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

INCIDENT AND DISTURBANCE DATA

D.	Geographic Area(s) Affected (County, State)	Arkansas:		
E.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	05 - 04 - 2021 / 15 : 45 mo dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
F.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	05 - 05 - 2021 / 10 : 00 mo dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Did the incident/disturbance originate in your system/area? (check one)	Yes [ ]	No [ ]	Unknown [X]
H.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [ ]	Unknown [X]
I.	Estimate of Number of Customers Affected	104,027	Zero [ ]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

J. Cause	K. Impact	L. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☐ Failure at high voltage substation or switchyard ☒ Weather or natural disaster ☐ Operator action(s) ☐ Other ☐ Additional Information/Comments:	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☐ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☒ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☐ Other ☐ Additional Information/Comments:	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☐ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☐ Shed Interruptible Load ☐ Repaired or restored ☐ Mitigation implemented ☒ Other ☒ Additional Information/Comments restoration currently in progress

5/6/2021 1:42:00 PM Submitted to DOE

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2021 Burden Per Response: 1.8 hours

SCHEDULE 2 -- NARRATIVE DESCRIPTION

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act, e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Energy Infrastructure Information.

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

M.	Name	Jason O'Connor
N.	Title	IT Analyst
O.	Telephone Number	(504)-(576)-(7643)
P.	FAX Number	( )-( )-( )
Q.	E-mail Address	joconn3@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping). If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. **Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.**

R. Narrative:

A line of heavy thunderstorms entered the Entergy service territory around 5/4/2021 at 0600. Entergy system wide customer interruptions exceeded the 50,000 customers and 1 hour criteria on 5/4/2021 15:45. At that time system wide customer interruptions were 104,027.

S. Estimated Restoration Date for all Affected Customers Who Can Receive Power	____ - ____ - ____ mo dd yy
T. Name of Assets Impacted	

U. Notify NERC/E-ISAC	Select if you approve of all of the information provided on the Form being submitted to the North America Electric Reliability Corporation (NERC) and/or the Electricity Information Sharing and Analysis Center (E-ISAC) NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. This information would be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC and/or E-ISAC the Form will be emailed to systemawareness@nerc.net and/or operations@eisac.com when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC and/or E-ISAC. ☐ Notify NERC | ☐ Notify E-ISAC

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction**.

RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

(Page 1 of 4)

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [X] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [ ] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.
The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [X] 1 Business Day	Update [ ] As required	Final [ ] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy Corp					
D.	Address of Principal Business Office	639 Loyola Ave. New Orleans Louisiana 70113					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: XX/XX/XXXX Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Texas: Liberty County;		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	06 (mm) - 08 (dd) - 2021 (yy) / 15 (hh) : 00 (mm)	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	06 (mm) - 08 (dd) - 2021 (yy) / 15 (hh) : 01 (mm)	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [X]	No [ ]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [X]	Unknown [ ]
J.	Estimate of Number of Customers Affected		Zero [X]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause

- ☐ Unknown
- ☐ Physical attack
- ☐ Threat of physical attack
- ☒ Vandalism
- ☐ Theft
- ☐ Suspicious activity
- ☐ Cyber event (information technology)
- ☐ Cyber event (operational technology)
- ☐ Fuel supply emergencies, interruption, or deficiency
- ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure
- ☐ Transmission equipment failure (not including substation or switchyard)
- ☐ Failure at high voltage substation or switchyard
- ☐ Weather or natural disaster
- ☐ Operator action(s)
- ☐ Other
- ☒ Additional Information/Comments:

Corporate Security is currently investigating an intrusion at a Substation where the perpetrator used a crow bar to breach and damage the rear door to gain entry into substation control house. Noting was stolen nor damaged.

L. Impact

- ☒ None
- ☐ Control center loss, failure, or evacuation
- ☐ Loss or degradation of control center monitoring or communication systems
- ☐ Damage or destruction of a facility
- ☐ Electrical system separation (islanding)
- ☐ Complete operational failure or shutdown of the transmission and/or distribution system
- ☐ Major transmission system interruption (three or more BES elements)
- ☐ Major distribution system interruption
- ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more
- ☐ Loss of electric service to more than 50,000 customers for 1 hour or more
- ☐ System-wide voltage reductions or 3 percent or more
- ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more
- ☐ Inadequate electric resources to serve load
- ☐ Generating capacity loss of 1,400 MW or more
- ☐ Generating capacity loss of 2,000 MW or more
- ☐ Complete loss of off-site power to a nuclear generating station
- ☐ Other
- ☒ Additional Information/Comments:

The intrusion did not result in an interruption of power in the service area.

M. Action Taken

- ☐ None
- ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme)
- ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system
- ☐ Implemented a warning, alert, or contingency plan
- ☐ Voltage reduction
- ☐ Shed Interruptible Load
- ☐ Repaired or restored
- ☐ Mitigation implemented
- ☒ Other
- ☒ Additional Information/Comments

An off duty police security detail will be established at the substation site until permanent repairs to the damaged substation control house door can be made.

6/8/2021 7:35:00 PM Submitted to DOE

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: XX/XX/XXXX Burden Per Response: 1.8 hours

SCHEDULE 2 -- NARRATIVE DESCRIPTION

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [X] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	John Tubb
P.	Title	Supervisor - CSOC Operations
Q.	Telephone Number	(844)-(503)-(1090)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	csoc@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

Exempt from FOIA - Substation Name:

On 6/8/2021 at 3:00pm Entergy Transmission was inspecting San Jacinto Substation in Liberty County , Texas. During the inspection it was discovered the lock on the gate of the station had been cut off and entry was made. Further inspection revealed the back door of the controlled house had been pried open and possible entry was made to the control house. A detail inspection was made by Transmission and it was determined nothing was stolen nor damaged and no outage occurred. The door was temporarily repaired until it can be harden . The station has no cameras or intrusion alarms. An off duty police security detail will be established at the substation site until permanent repairs to the damaged substation control house door can be made.

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	06 (mm) - 08 (dd) - 2021 (yy)
V. Name of Assets Impacted	Substation control house door and gate lock.

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☒ Notify NERC | ☒ Notify E-ISAC | ☒ Notify CISA Central

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction**.

RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [X] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [ ] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below. The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [ ] 1 Business Day	Update [ ] As required	Final [X] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [X] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy Corp					
D.	Address of Principal Business Office	639 Loyola Ave. New Orleans Louisiana 70113					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Louisiana:		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	08 - 29 - 2021 / 11 : 30 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	____ - ____ - ____ / ____ : ____ mm dd yy hh mm	[ ] Eastern [ ] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [ ]	No [X]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [ ]	Unknown [X]
J.	Estimate of Number of Customers Affected		Zero [ ]	Unknown [X]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause	L. Impact	M. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☐ Failure at high voltage substation or switchyard ☒ Weather or natural disaster ☐ Operator action(s) ☐ Other ☐ Additional Information/Comments:	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☐ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☐ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☒ Other ☒ Additional Information/Comments: Damage assessment is currently in progress.	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☐ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☐ Shed Interruptible Load ☐ Repaired or restored ☐ Mitigation implemented ☒ Other ☒ Additional Information/Comments Restoration in progress

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 2 -- NARRATIVE DESCRIPTION

(Page 4 of 4)

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	Jason O'Connor
P.	Title	IT Analyst
Q.	Telephone Number	(504)-(576)-(7643)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	joconn3@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

Hurricane IDA made land fall in the area of Southern Louisiana. As of the initial OE-417 submittal at 5PM on 8/29/2021, Entergy wide customer interruptions have exceeded the 50,000 interruption requirement for over the hour duration.

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	____ - ____ - ____ mm dd yy
V. Name of Assets Impacted	

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☐ Notify NERC | ☐ Notify E-ISAC | ☐ Notify CISA Central

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

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RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [X] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.
The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [X] 1 Business Day	Update [ ] As required	Final [ ] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy - Transmission Operations Engineering					
D.	Address of Principal Business Office	13019 Vimy Ridge Rd Alexander Arkansas 72002					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Texas: Brazos County;		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	11 - 10 - 2021 / 21 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	11 - 11 - 2021 / 01 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [X]	No [ ]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [X]	Unknown [ ]
J.	Estimate of Number of Customers Affected		Zero [X]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause	L. Impact	M. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☒ Failure at high voltage substation or switchyard ☐ Weather or natural disaster ☐ Operator action(s) ☐ Other ☒ Additional Information/Comments: Failed PT at Grimes Substation.	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☒ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☐ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☐ Other ☒ Additional Information/Comments: Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☐ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☐ Shed Interruptible Load ☒ Repaired or restored ☐ Mitigation implemented ☐ Other ☒ Additional Information/Comments Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.

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SCHEDULE 2 -- NARRATIVE DESCRIPTION

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	Entergy TOE
P.	Title	Transmission Operations Engineering
Q.	Telephone Number	(501)-(228)-(2898)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	TransmissionOperationsEngineering@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

11/10/2021 21:19:55 --Grimes – College Station line trip
College Station CB 26400 Trip
College Station CB 26410 Trip
Grimes CB 16610 Trip
Grimes CB 16615 Trip

11/10/2021 21:19:55 -- Grimes – College Station auto reclose attempt and trip back out
Grimes CB 16615 Trip/Close/Trip

11/10/2021 21:19:57Navasota – Grimes remote end trip
Navasota CB 16430 Trip

11/10/2021 21:19:57 -- Grimes AT2 low side CBs trip
Grimes CB 26550 Trip
Grimes CB 26560 Trip

11/10/2021 21:19:58 -- Huntsville – Grimes remote end trip
Huntsville CB 16665 Trip

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	11 (mm) - 11 (dd) - 2021 (yy)
V. Name of Assets Impacted	Grimes – College Station 138kV Transmission line Navasota – Grimes 138kV Transmission line Grimes AT2 3 345kV/138kV Huntsville – Grimes 138kV Transmission line

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☒ Notify NERC | ☒ Notify E-ISAC | ☒ Notify CISA Central

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction**.

RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [X] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.
The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [ ] 1 Business Day	Update [X] As required	Final [ ] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy - Transmission Operations Engineering					
D.	Address of Principal Business Office	13019 Vimy Ridge Rd Alexander Arkansas 72002					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Texas: Brazos County;		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	11 - 10 - 2021 / 21 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	11 - 11 - 2021 / 01 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [X]	No [ ]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [X]	Unknown [ ]
J.	Estimate of Number of Customers Affected		Zero [X]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause	L. Impact	M. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☒ Failure at high voltage substation or switchyard ☐ Weather or natural disaster ☐ Operator action(s) ☐ Other ☒ Additional Information/Comments: Failed PT at Grimes Substation.	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☒ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☐ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☐ Other ☒ Additional Information/Comments: Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☐ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☐ Shed Interruptible Load ☒ Repaired or restored ☐ Mitigation implemented ☐ Other ☒ Additional Information/Comments Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 2 -- NARRATIVE DESCRIPTION

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	Entergy TOE
P.	Title	Transmission Operations Engineering
Q.	Telephone Number	(501)-(228)-(2898)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	TransmissionOperationsEngineering@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

2021 11 14 - Investigation/Review continues.

11/10/2021 21:19:55 --Grimes – College Station line trip
College Station CB 26400 Trip
College Station CB 26410 Trip
Grimes CB 16610 Trip
Grimes CB 16615 Trip

11/10/2021 21:19:55 -- Grimes – College Station auto reclose attempt and trip back out
Grimes CB 16615 Trip/Close/Trip

11/10/2021 21:19:57Navasota – Grimes remote end trip
Navasota CB 16430 Trip

11/10/2021 21:19:57 -- Grimes AT2 low side CBs trip
Grimes CB 26550 Trip
Grimes CB 26560 Trip

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	11 (mm) - 11 (dd) - 2021 (yy)
V. Name of Assets Impacted	Grimes – College Station 138kV Transmission line Navasota – Grimes 138kV Transmission line Grimes AT2 3 345kV/138kV [illegible]

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☒ Notify NERC | ☒ Notify E-ISAC | ☒ Notify CISA Central

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

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RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

(Page 1 of 4)

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [X] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.
The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [ ] 1 Business Day	Update [X] As required	Final [ ] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy - Transmission Operations Engineering					
D.	Address of Principal Business Office	13019 Vimy Ridge Rd Alexander Arkansas 72002					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Texas: Brazos County;		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	11 (mm) - 10 (dd) - 2021 (yy) / 21 (hh) : 19 (mm)	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	11 (mm) - 11 (dd) - 2021 (yy) / 01 (hh) : 19 (mm)	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [X]	No [ ]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [X]	Unknown [ ]
J.	Estimate of Number of Customers Affected		Zero [X]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause	L. Impact	M. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☒ Failure at high voltage substation or switchyard ☐ Weather or natural disaster ☐ Operator action(s) ☐ Other ☒ Additional Information/Comments: Failed PT at Grimes Substation.	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☒ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☐ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☐ Other ☒ Additional Information/Comments: Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☐ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☐ Shed Interruptible Load ☒ Repaired or restored ☐ Mitigation implemented ☐ Other ☒ Additional Information/Comments Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 2 -- NARRATIVE DESCRIPTION

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	Entergy TOE
P.	Title	Transmission Operations Engineering
Q.	Telephone Number	(501)-(228)-(2898)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	TransmissionOperationsEngineering@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

2021 11 17 - Investigation/Review continues. Expecting final by end of week.

2021 11 14 - Investigation/Review continues.

11/10/2021 21:19:55 --Grimes – College Station line trip
College Station CB 26400 Trip
College Station CB 26410 Trip
Grimes CB 16610 Trip
Grimes CB 16615 Trip

11/10/2021 21:19:55 -- Grimes – College Station auto reclose attempt and trip back out
Grimes CB 16615 Trip/Close/Trip

11/10/2021 21:19:57Navasota – Grimes remote end trip
Navasota CB 16430 Trip

11/10/2021 21:19:57 -- Grimes AT2 low side CBs trip
Grimes CB 26550 Trip

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	11 (mm) - 11 (dd) - 2021 (yy)
V. Name of Assets Impacted	Grimes – College Station 138kV Transmission line Navasota – Grimes 138kV Transmission line Grimes AT2 3 345kV/138kV

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☒ Notify NERC | ☒ Notify E-ISAC | ☒ Notify CISA Central

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction**.

RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

(Page 1 of 4)

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [X] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.
The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [ ] 1 Business Day	Update [X] As required	Final [ ] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy - Transmission Operations Engineering					
D.	Address of Principal Business Office	13019 Vimy Ridge Rd Alexander Arkansas 72002					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Texas: Brazos County;		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	11 - 10 - 2021 / 21 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	11 - 11 - 2021 / 01 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [X]	No [ ]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [X]	Unknown [ ]
J.	Estimate of Number of Customers Affected		Zero [X]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause

- ☐ Unknown
- ☐ Physical attack
- ☐ Threat of physical attack
- ☐ Vandalism
- ☐ Theft
- ☐ Suspicious activity
- ☐ Cyber event (information technology)
- ☐ Cyber event (operational technology)
- ☐ Fuel supply emergencies, interruption, or deficiency
- ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure
- ☐ Transmission equipment failure (not including substation or switchyard)
- ☒ Failure at high voltage substation or switchyard
- ☐ Weather or natural disaster
- ☐ Operator action(s)
- ☐ Other
- ☒ Additional Information/Comments:

Failed PT at Grimes Substation.

L. Impact

- ☐ None
- ☐ Control center loss, failure, or evacuation
- ☐ Loss or degradation of control center monitoring or communication systems
- ☐ Damage or destruction of a facility
- ☐ Electrical system separation (islanding)
- ☐ Complete operational failure or shutdown of the transmission and/or distribution system
- ☒ Major transmission system interruption (three or more BES elements)
- ☐ Major distribution system interruption
- ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more
- ☐ Loss of electric service to more than 50,000 customers for 1 hour or more
- ☐ System-wide voltage reductions or 3 percent or more
- ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more
- ☐ Inadequate electric resources to serve load
- ☐ Generating capacity loss of 1,400 MW or more
- ☐ Generating capacity loss of 2,000 MW or more
- ☐ Complete loss of off-site power to a nuclear generating station
- ☐ Other
- ☒ Additional Information/Comments:

Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.

M. Action Taken

- ☐ None
- ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme)
- ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system
- ☐ Implemented a warning, alert, or contingency plan
- ☐ Voltage reduction
- ☐ Shed Interruptible Load
- ☒ Repaired or restored
- ☐ Mitigation implemented
- ☐ Other
- ☒ Additional Information/Comments

Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 2 -- NARRATIVE DESCRIPTION

(Page 4 of 4)

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	Entergy TOE
P.	Title	Transmission Operations Engineering
Q.	Telephone Number	(501)-(228)-(2898)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	TransmissionOperationsEngineering@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

2021 11 20 - Still investigating/ reviewing.

2021 11 17 - Investigation/Review continues. Expecting final by end of week.

2021 11 14 - Investigation/Review continues.

11/10/2021 21:19:55 --Grimes – College Station line trip
College Station CB 26400 Trip
College Station CB 26410 Trip
Grimes CB 16610 Trip
Grimes CB 16615 Trip

11/10/2021 21:19:55 -- Grimes – College Station auto reclose attempt and trip back out
Grimes CB 16615 Trip/Close/Trip

11/10/2021 21:19:57Navasota – Grimes remote end trip
Navasota CB 16430 Trip

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	11 (mm) - 11 (dd) - 2021 (yy)
V. Name of Assets Impacted	Grimes – College Station 138kV Transmission line Navasota – Grimes 138kV Transmission line Grimes AT2 3 345kV/138kV

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☒ Notify NERC | ☒ Notify E-ISAC | ☒ Notify CISA Central

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction**.

RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

(Page 1 of 4)

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [X] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.
The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [ ] 1 Business Day	Update [X] As required	Final [ ] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy - Transmission Operations Engineering					
D.	Address of Principal Business Office	13019 Vimy Ridge Rd Alexander Arkansas 72002					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Texas: Brazos County;		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	11 - 10 - 2021 / 21 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	11 - 11 - 2021 / 01 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [X]	No [ ]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [X]	Unknown [ ]
J.	Estimate of Number of Customers Affected		Zero [X]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause	L. Impact	M. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☒ Failure at high voltage substation or switchyard ☐ Weather or natural disaster ☐ Operator action(s) ☐ Other ☒ Additional Information/Comments: Failed PT at Grimes Substation.	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☒ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☐ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☐ Other ☒ Additional Information/Comments: Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☐ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☐ Shed Interruptible Load ☒ Repaired or restored ☐ Mitigation implemented ☐ Other ☒ Additional Information/Comments Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.

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SCHEDULE 2 -- NARRATIVE DESCRIPTION

(Page 4 of 4)

Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	Entergy TOE
P.	Title	Transmission Operations Engineering
Q.	Telephone Number	(501)-(228)-(2898)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	TransmissionOperationsEngineering@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

2021 11 23 - No updates as of this date.

2021 11 20 - Still investigating/ reviewing.

2021 11 17 - Investigation/Review continues. Expecting final by end of week.

2021 11 14 - Investigation/Review continues.

11/10/2021 21:19:55 --Grimes – College Station line trip
College Station CB 26400 Trip
College Station CB 26410 Trip
Grimes CB 16610 Trip
Grimes CB 16615 Trip

11/10/2021 21:19:55 -- Grimes – College Station auto reclose attempt and trip back out
Grimes CB 16615 Trip/Close/Trip

11/10/2021 21:19:57Navasota – Grimes remote end trip

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	11 (mm) - 11 (dd) - 2021 (yy)
V. Name of Assets Impacted	Grimes – College Station 138kV Transmission line Navasota – Grimes 138kV Transmission line Grimes AT2 3 345kV/138kV [illegible]

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☒ Notify NERC | ☒ Notify E-ISAC | ☒ Notify CISA Central

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction**.

RESPONSE DUE:

Within 1 hour of the incident, submit Schedule 1 and lines N - S in Schedule 2 as an Emergency Alert report if criteria 1-9 are met. If criterion 2 is met, also submit the Cyber Attributes on line T in Schedule 2.
Within 6 hours of the incident, submit Schedule 1 and lines N - S in Schedule 2 as a Normal Report if only criteria 10-13 are met.
By the end of the next calendar day after a determination, submit Schedule 1 and lines N – S and the Cyber Attributes on line T in Schedule 2 as an Attempted Cyber Compromise if criterion 14 is met.
By the later of 24 hours after the recognition of the incident OR by the end of the next business day submit Schedule 1 and lines N - S in Schedule 2 as a System Report if criteria 15-26 are met. *Note: 4:00pm local time will be considered the end of the business day*

Submit updates as needed and/or a final report (all of Schedules 1 and 2) within 72 hours of the incident.

For NERC reporting entities registered in the United States; NERC has approved that the form DOE-417 meets the submittal requirements for NERC. There may be other applicable regional, state and local reporting requirements.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit form via online submission at: https://www.oe.netl.doe.gov/OE417/
FAX: FAX Form DOE-417 to the following facsimile number: (202) 586-8485.
Alternate: If you are unable to submit online or by fax, forms may be e-mailed to doehqeoc@hq.doe.gov, or call and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT CRITERIA

Criteria for Filing (Check all that apply) – See Instructions For More Information

EMERGENCY ALERT **File within 1-Hour** If any box 1-9 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line A** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Reportable Cyber Security Incident 3. [ ] Cyber event that is not a Reportable Cyber Security Incident that causes interruptions of electrical system operations. 4. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 5. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 6. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident 7. [ ] Firm load shedding of 100 Megawatts or more implemented under emergency operational policy 8. [ ] System-wide voltage reductions of 3 percent or more 9. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System
NORMAL REPORT **File within 6-Hours** If any box 10-13 on the right is checked AND none of the boxes 1-9 are checked, this form must be filed within 6 hours of the incident; check Normal Report (for the Alert Status) on **Line A** below.	10. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 11. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 13. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability
ATTEMPTED CYBER COMPROMISE **File within 1-Day** If box 14 on the right is checked AND none of the boxes 1-13 are checked, this form must be filed by the end of the next calendar day after the determination of the attempted cyber compromise; check Attempted Cyber Compromise (for the Alert Status) on **Line A** below.	14. [ ] Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems

SCHEDULE 1 -- ALERT CRITERIA -- CONTINUED

SYSTEM REPORT
File within 1-Business Day

If any box 15-26 on the right is checked AND none of the boxes 1-14 are checked, this form must be filed by the later of 24 hours after the recognition of the incident OR by the end of the next business day. *Note:* 4:00pm local time will be considered the end of the business day. Check System Report (for the Alert Status) on **Line A** below.

15. [ ] Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.

16. [ ] Damage or destruction of its Facility that results from actual or suspected intentional human action.

17. [ ] Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.

18. [ ] Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.

19. [ ] Bulk Electric System Emergency resulting in voltage deviation on a Facility; A voltage deviation equal to or greater than 10% of nominal voltage sustained for greater than or equal to 15 continuous minutes.

20. [ ] Uncontrolled loss of 200 Megawatts or more of firm system loads for 15 minutes or more from a single incident for entities with previous year's peak demand less than or equal to 3,000 Megawatts

21. [ ] Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.

22. [ ] Complete loss of off-site power (LOOP) affecting a nuclear generating station per the Nuclear Plant Interface Requirements.

23. [X] Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).

24. [ ] Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.

25. [ ] Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.

26. [ ] Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line A** below.
The form must be re-filed within 72 hours of the incident with the latest information and Final (Alert Status) checked on **Line A** below, unless updated.

LINE NO.							
A.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Report [ ] 6 Hours	Attempted Cyber Compromise [ ] 1 Calendar Day	System Report [ ] 1 Business Day	Update [ ] As required	Final [X] 72 Hours
B.	FOIA Exemption(s)	Information on Lines C and D of Schedule 1 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information. If box 2, 3, 11, or 14 above is checked, identify (by checking all that apply) whether Line C and D combined with box 2, 3, 11, or 14 contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption in Schedule 2, on line T)					
C.	Organization Name	Entergy - Transmission Operations Engineering					
D.	Address of Principal Business Office	13019 Vimy Ridge Rd Alexander Arkansas 72002					

U.S. Department of Energy Form DOE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	OMB No. 1901-0288 Approval Expires: 05/31/2024 Burden Per Response: 1.8 hours

SCHEDULE 1 -- ALERT NOTICE

	INCIDENT AND DISTURBANCE DATA			
E.	Geographic Area(s) Affected (County, State)	Texas: Brazos County;		
F.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	11 - 10 - 2021 / 21 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
G.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	11 - 11 - 2021 / 01 : 19 mm dd yy hh mm	[ ] Eastern [X] Central [ ] Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
H.	Did the incident/disturbance originate in your system/area? (check one)	Yes [X]	No [ ]	Unknown [ ]
I.	Estimate of Amount of Demand Involved (Peak Megawatts)		Zero [X]	Unknown [ ]
J.	Estimate of Number of Customers Affected		Zero [X]	Unknown [ ]

SCHEDULE 1 – TYPE OF EMERGENCY

Check all that apply

K. Cause	L. Impact	M. Action Taken
☐ Unknown ☐ Physical attack ☐ Threat of physical attack ☐ Vandalism ☐ Theft ☐ Suspicious activity ☐ Cyber event (information technology) ☐ Cyber event (operational technology) ☐ Fuel supply emergencies, interruption, or deficiency ☐ Generator loss or failure not due to fuel supply interruption or deficiency or transmission failure ☐ Transmission equipment failure (not including substation or switchyard) ☒ Failure at high voltage substation or switchyard ☐ Weather or natural disaster ☐ Operator action(s) ☐ Other ☒ Additional Information/Comments: Failed PT at Grimes Substation.	☐ None ☐ Control center loss, failure, or evacuation ☐ Loss or degradation of control center monitoring or communication systems ☐ Damage or destruction of a facility ☐ Electrical system separation (islanding) ☐ Complete operational failure or shutdown of the transmission and/or distribution system ☒ Major transmission system interruption (three or more BES elements) ☐ Major distribution system interruption ☐ Uncontrolled loss of 200 MW or more of firm system loads for 15 minutes or more ☐ Loss of electric service to more than 50,000 customers for 1 hour or more ☐ System-wide voltage reductions or 3 percent or more ☐ Voltage deviation on an individual facility of ≥10% for 15 minutes or more ☐ Inadequate electric resources to serve load ☐ Generating capacity loss of 1,400 MW or more ☐ Generating capacity loss of 2,000 MW or more ☐ Complete loss of off-site power to a nuclear generating station ☐ Other ☒ Additional Information/Comments: Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.	☐ None ☐ Shed Firm Load: Load shedding of 100 MW or more implemented under emergency operational policy (manually or automatically via UFLS or remedial action scheme) ☐ Public appeal to reduce the use of electricity for the purpose of maintaining the continuity of the electric power system ☐ Implemented a warning, alert, or contingency plan ☐ Voltage reduction ☐ Shed Interruptible Load ☒ Repaired or restored ☐ Mitigation implemented ☐ Other ☒ Additional Information/Comments Grimes AT2 and Navasota CB 16430 have been returned to service. Grimes – College Station 138 KV has been switched out for PT repairs.

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SCHEDULE 2 -- NARRATIVE DESCRIPTION

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Information on Schedule 2 will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), e.g., exemptions for confidential commercial information and trade secrets, certain information that could endanger the physical safety of an individual, or information designated as Critical Electric Infrastructure Information.

N. FOIA Exemption(s)	Identify (by checking all that apply) whether Schedule 2 – Narrative Description contains: [ ] Privileged or confidential information, e.g., trade secrets, commercial, or financial information [ ] Critical Electric Infrastructure Information [ ] Other information exempt from FOIA (include a description of the exemption on line T below)

NAME OF OFFICIAL THAT SHOULD BE CONTACTED FOR FOLLOW-UP OR ANY ADDITIONAL INFORMATION

O.	Name	Entergy TOE
P.	Title	Transmission Operations Engineering
Q.	Telephone Number	(501)-(228)-(2898)
R.	FAX Number	( )-( )-( )
S.	E-mail Address	TransmissionOperationsEngineering@entergy.com

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping).

Cyber Attributes: For cyber events, including attempted cyber compromises, provide the following attributes (at a minimum): (1) the functional impact, (2) the attack vector used, and (3) the level of intrusion that was achieved or attempted.

If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line A for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.

T. Narrative:

Final determination: The overall event started from a failed CCVT at Grimes 138kV bus. When there was a fault occurring on Grimes – College Station 138kV line, this situation of failed CCVT caused LOP and thus slop operations of the line relays and breakers. As a result, all the remote ends tripped.

11/10/2021 21:19:55 --Grimes – College Station line trip
College Station CB 26400 Trip
College Station CB 26410 Trip
Grimes CB 16610 Trip
Grimes CB 16615 Trip

11/10/2021 21:19:55 -- Grimes – College Station auto reclose attempt and trip back out
Grimes CB 16615 Trip/Close/Trip

11/10/2021 21:19:57Navasota – Grimes remote end trip
Navasota CB 16430 Trip

11/10/2021 21:19:57 -- Grimes AT2 low side CBs trip
Grimes CB 26550 Trip
Grimes CB 26560 Trip

U. Estimated Restoration Date for all Affected Customers Who Can Receive Power	11 (mm) - 11 (dd) - 2021 (yy)
V. Name of Assets Impacted	Grimes – College Station 138kV Transmission line Navasota – Grimes 138kV Transmission line Grimes AT2 3 345kV/138kV

W. Notify NERC, E-ISAC, or CISA Central	Select the appropriate box(es) if you approve of all of the information provided on this form being submitted to the North America Electric Reliability Corporation (NERC), the Electricity Information Sharing and Analysis Center (E-ISAC), or DHS CISA Central or their successor(s). NERC is an entity that is certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk power system but that is not part of the Federal Government. The information submitted to NERC, E-ISAC, or CISA Central can be submitted to help fulfill the respondent's requirements under NERC's reliability standards. If approval is given to alert NERC, E-ISAC, or DHS CISA Central, then this form will be emailed to systemawareness@nerc.net, operations@eisac.com, and/or central.cyber@cisa.dhs.gov when it is submitted to DOE. DOE is not responsible for ensuring the receipt of these emails by NERC, E-ISAC, or CISA Central. ☒ Notify NERC | ☒ Notify E-ISAC | ☒ Notify CISA Central

ENTERGY TEXAS INC.
CONTINUITY OF SERVICE
FOR THE TEST YEAR ENDED DECEMBER 31, 2021

YEAR	CONTINUITY OF SERVICE*	AVERAGE LENGTH OF INTERRUPTIONS** (Hours)
2021	99.958%	2.526
2020	99.957%	2.883
2019	99.95%	2.692
2018	99.959%	2.548
2017	99.9667%	2.283
2016	99.9668%	2.058
2015	99.9605%	2.285
2014	99.9668%	2.196
2013	99.9666%	2.116
2012	99.9648%	1.884
2011	99.9718%	1.769
2010	99.9743%	1.563
2009	99.9679%	1.682
2008	99.9663%	1.370
2007	99.9660%	1.533
2006	99.9667%	1.437
2005	99.9663%	1.478
AVERAGE	99.9670%	1.819

The data above excludes Major Events.
*** Continuity of Service measured by the Average Service Availability Index (ASAI)**
**** Average Length of Interruptions measured by the Customer Average Interruption Duration Index (CAIDI)**

NOTES: CONTINUITY OF SERVICE INDEX = $\frac{\text{CUSTOMER HOURS POSSIBLE – CUSTOMER HOURS OUTAGE}}{\text{CUSTOMER HOURS POSSIBLE}}$

CUSTOMER HOURS POSSIBLE = TOTAL NUMBER OF CUSTOMERS x PERIOD HOURS

CUSTOMER HOURS OUTAGE = A SUMMATION OF (NUMBER OF CUSTOMERS AFFECTED BY EACH OUTAGE x AVERAGE LENGTH (IN HOURS) OF EACH INTERRUPTION OR OUTAGE)

PERIOD HOURS = NUMBER OF HOURS PER SPECIFIED UNIT OF TIME (Example: 8760 hours per year)

Sponsor: Melanie L. Taylor

ENTERGY TEXAS, INC.
AVAILABLE CAPACITY WHEELING
For the Twelve Months Ending December 2021

FROM	TO	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
MEGAWATTS (MW)													
THERE WERE NO WHEELING TRANSACTIONS FOR QFs DURING THE TEST YEAR													
MEGAWATT - HOURS (MWH)													
THERE WERE NO WHEELING TRANSACTIONS FOR QFs DURING THE TEST YEAR													

Sponsor: Khamsune Vongkhamchanh

ENTERGY TEXAS, INC.
PLANNED CAPACITY WHEELING
For the Twelve Months Ending December 2021

FROM	TO	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
MEGAWATTS (MW)													
THERE WERE NO PLANNED WHEELING TRANSACTIONS FOR QFs DURING THE TEST YEAR													
MEGAWATT - HOURS (MWH)													
THERE WERE NO PLANNED WHEELING TRANSACTIONS FOR QFs DURING THE TEST YEAR													

Sponsor: Khamsune Vongkhamchanh

Entergy Texas Inc.
Wheeling Information
Test Year January 1, 2021 - December 31, 2021

kV	Branch (Station A to Station B)	Miles	MVA	80% Thermal Rating MVA	MW/ MVA Miles
500	COTTONWOOD CO - HARTBURG (#1) 500 kV (800.0)	0.45	1732	1386	779
500	COTTONWOOD CO - HARTBURG (#2) 500 kV (801.0)	0.44	1732	1386	762
500	HARTBURG - CYPRESS 500 kV (547.0)	31.71	2596	2077	82,319
500	HARTBURG - AEP LAYFIELD 500 kV (559.0) (ETI portion)	67.36	1525	1220	102,724
500	HARTBURG - RHODES 500 kV (520.0) (ETI portion)	1.94	2596	2077	5,036
500 Total		101.90			191,620
345	ROCKY CREEK - CROCKETT (SWEPCO) 345 kV (119.0) (ET	22.27	1193	954	26,568
345	GRIMES - FRONTIER (TENASKA) 345 kV (120.0)	2.44	1195	956	2,916
345	GRIMES - ROCKY CREEK 345 kV (126.0)	15.04	1194	955	17,958
345 Total		39.75			47,442
230	CHINA - WILLOW MARSH 230 kV (599.0)	16.53	867	694	14,332
230	AMELIA NORTH - CYPRESS 230 kV (488.0)	18.51	685	548	12,679
230	MUD LAKE - SABINE 230 SWYD 230 kV (428.0) (ETI portion)	10.13	595	476	6,027
230	CHINA - HEIGHTS 230 kV (822.0)	61.37	749	599	45,966
230	CHINA - SHECO BATISTE CREEK 230 kV (583.0)	24.12	797	638	19,224
230	CHISHOLM RD - SABINE 230 SWYD 230 kV (572.0)	10.48	685	548	7,179
230	HELBIG - STAR BAYOU 230 kV (421.0)	13.49	402	322	5,423
230	GULFWAY - SABINE 230 SWYD 230 kV (196.0)	7.01	519	415	3,638
230	GULFWAY - VFW PARK CO 230 kV (197.0)	2.34	685	548	1,603
230	CHISHOLM RD - HARTBURG 230 kV (195.0)	15.62	681	545	10,637
230	HELBIG - AMELIA BULK 230 kV (422.0)	10.27	685	548	7,035
230	JACINTO - PEACH CREEK 230 kV (524.0)	16.45	502	402	8,258
230	JACINTO - SHECO BATISTE CREEK 230 kV (568.0)	25.84	749	599	19,354
230	KOLBS - GULFWAY 230 kV (499.0)	6.10	780	624	4,758
230	CHISHOLM RD - HELBIG 230 kV (544.0)	17.42	685	548	11,933
230	LEWIS CREEK 230 SWYD - PEACH CREEK 230 kV (824.0)	12.16	502	402	6,104
230	MID COUNTY - PORT ACRES BULK 230 kV (591.0)	4.88	595	476	2,904
230	KEITH LAKE - LEGEND 230 kV (829.0)	10.82	351	281	3,798
230	PORT ACRES BULK - KEITH LAKE 230 kV (830.0)	11.60	352	282	4,083
230	CHINA - GARDEN 230 kV (496.0)	24.66	685	548	16,892
230	NEDERLAND - SABINE 230 SWYD 230 kV (532.0)	10.78	685	548	7,384
230	SABINE 230 SWYD - VFW PARK CO 230 kV (199.0)	5.71	685	548	3,911
230	AMELIA BULK - AMELIA NORTH 230 kV (451.0)	0.12	780	624	94
230	AMELIA BULK - WILLOW MARSH 230 kV (664.0)	1.44	797	638	1,148
230	AMELIA NORTH - CHINA 230 kV (592.0)	10.86	780	624	8,471
230	CHINA - CHINA (138/230 Auto) 230 kV (9999.0)	0.15	277	222	42
230	CHINA - STOWELL 230 kV (118.0)	25.26	780	624	19,703
230	CHISHOLM RD - GEORGETOWN [TX] 230 kV (504.0)	15.53	566	453	8,790
230	CHISHOLM RD - HARTBURG 230 kV (483.0)	14.31	780	624	11,162
230	CYPRESS - HARDIN COUNTY SS 230 kV (480.0)	0.36	398	318	143

Sponsored by: Khamsune Vongkhamchanh

230	GARDEN - LEGEND 230 kV (135.0)	13.47	780	624	10,507
230	GARDEN - MCFADDEN BEND 230 kV (406.0)	4.58	685	548	3,137
230	GARDEN - MID COUNTY 230 kV (539.0)	5.12	685	548	3,507
230	GARDEN - NEDERLAND 230 kV (124.0)	2.57	685	548	1,760
230	GEORGETOWN [TX] - STAR BAYOU 230 kV (674.0)	0.84	402	322	338
230	GRIMES - PONDEROSA 230 kV (136.0)	40.10	780	624	31,278
230	HEIGHTS - PORTER 230 kV (851.0)	5.69	797	638	4,535
230	KOLBS - PORT ACRES BULK 230 kV (554.0)	6.10	502	402	3,062
230	LEGEND - PORT ACRES BULK 230 kV (814.0)	0.90	351	281	316
230	LEWIS CREEK 230 SWYD - MONTGOMERY COUNTY POW	0.51	780	624	398
230	LEWIS CREEK 230 SWYD - PORTER 230 kV (866.0)	27.28	780	624	21,278
230	LEWIS CREEK 230 SWYD - ROCKY CREEK 230 kV (123.0)	38.56	780	624	30,077
230	MCFADDEN BEND - SABINE 230 SWYD 230 kV (493.0)	8.28	685	548	5,672
230 Total		558.32			388,540
138	ALDEN - LEWIS CREEK 138 SWYD 138 kV (569.0)	16.62	411	329	6,831
138	BENTWATER - GRIMES 138 kV (113.0)	25.98	206	165	5,352
138	BIG HILL CO - MEMORIAL 138 kV (552.0)	26.72	151	121	4,035
138	BLANCHARD SHECO - BOLD SPRINGS (SHECO) 138 kV (8	5.49	233	186	1,279
138	BOLD SPRINGS (SHECO) - POCO 138 kV (816.0)	3.40	233	186	792
138	BRYAN - COLLEGE STATION JUNCTION SS 138 kV (183.0)	10.94	301	241	3,293
138	CARROLL STREET PARK - SOUTH BEAUMONT 138 kV (46	3.58	468	374	1,675
138	CARROLL STREET PARK - SOUTH BEAUMONT 138 kV (82	3.58	468	374	1,675
138	CENTRAL - UNION 138 kV (178.0,578.0)	2.66	241	193	641
138	DAYTON BULK - PETRY WOODS SS 138 kV (88.0)	24.98	347	278	8,668
138	CHINA - RAYWOOD 138 kV (424.0)	27.67	216	173	5,977
138	CLECO COOPER - FAWIL 138 kV (20.0) (ETI portion)	5.03	143	114	719
138	CLEVELAND [TX] - JAYHAWKER CREEK CO 138 kV (808.0)	4.56	206	165	939
138	COLLEGE STATION JUNCTION SS - CITY OF COLLEGE ST	0.10	311	249	31
138	COLLEGE STATION JUNCTION SS - GRIMES 138 kV (490.0)	24.38	206	165	5,022
138	COLLEGE STATION JUNCTION SS - NAVASOTA 138 kV (83	21.26	243	194	5,166
138	BENTWATER - PONDEROSA 138 kV (112.0)	18.48	206	165	3,807
138	CONROE BULK - FOREST [TX] 138 kV (820.0)	5.95	411	329	2,445
138	COMMERCE - CONROE BULK 138 kV (523.0,587.0)	11.01	357	286	3,931
138	CONROE BULK - TAMINA 138 kV (813.0,886.0)	15.34	468	374	7,179
138	COW - BUNCH GULLY (CO) 138 kV (556.0)	2.54	287	230	729
138	COW - DUPONT SABINE 3 CO 138 kV (549.0)	1.46	502	402	733
138	COW - DUPONT SABINE 4 CO 138 kV (548.0)	0.99	502	402	497
138	CYPRESS - HONEY ISLAND (SHECO) 138 kV (430.0)	14.37	239	191	3,434
138	CYPRESS - KOUNTZE BULK 138 kV (188.0)	6.48	286	229	1,853
138	DAYTON BULK - GORDON 138 kV (825.0)	13.19	211	169	2,783
138	DAYTON BULK - PARKWAY 138 kV (86.0,533.0,802.0)	19.22	271	217	5,209
138	DAYTON BULK - NEW LONG JOHN 138 kV (150.0)	6.77	99	79	670
138	DAYTON BULK - CROSBY 138 kV (10.0)	19.44	137	110	2,663
138	DEER CO - SHECO CORRIGAN 138 kV (93.0,543.0)	23.99	145	116	3,479
138	DOUCETTE - ETEC URLAND 138 kV (593.0)	6.16	145	116	893
138	DOUCETTE - SAM DAM CO 138 kV (97.0)	29.26	112	90	3,277
138	ETEC URLAND - WARREN 138 kV (589.0)	9.07	145	116	1,315

138 FAWIL - NEWTON BULK 138 kV (420.0)	14.65	131	105	1,919
138 GOSLIN - ALDEN 138 kV (869.0)	4.18	382	306	1,597
138 GOSLIN - METRO 138 kV (803.0)	2.63	411	329	1,081
138 GRIMES - NAVASOTA 138 kV (94.1)	26.58	206	165	5,475
138 HIGHTOWER - CYPRESS 138 kV (187.0)	44.31	206	165	9,128
138 HOLLYWOOD - ORANGE 138 kV (296.0) (ETI portion)	5.86	203	162	1,190
138 HONEY ISLAND (SHECO) - SHECO MENARD 138 kV (423.0)	23.21	233	186	5,408
138 HUNTSVILLE - GRIMES 138 kV (485.0,558.0)	29.49	206	165	6,075
138 HUNTSVILLE - LEWIS CREEK 138 SWYD 138 kV (87.0,133.(	26.94	206	165	5,550
138 HUNTSVILLE - RIVTRIN 138 kV (91.0,558.0)	16.81	206	165	3,463
138 JACINTO - CLEVELAND [TX] 138 kV (579.0)	4.48	287	230	1,286
138 JACINTO - HIGHTOWER 138 kV (887.0)	8.96	206	165	1,846
138 JACINTO - PELICAN ROAD (ETEC) 138 kV (418.0)	5.21	206	165	1,073
138 JACINTO - SPLENDORA 138 kV (871.0)	12.61	206	165	2,598
138 JAYHAWKER CREEK CO - SHECO SECURITY 138 kV (811.(	8.81	206	165	1,815
138 JOHNSTOWN - PORTER 138 kV (827.0)	4.89	311	249	1,521
138 KOUNTZE BULK - EVADALE 138 kV (538.0)	17.36	225	180	3,906
138 KOUNTZE BULK - WARREN 138 kV (588.0)	19.31	134	107	2,588
138 LEWIS CREEK 138 SWYD - LEWIS CREEK 230 SWYD 138 k	0.30	501	401	150
138 LEWIS CREEK 138 SWYD - LONGMIRE 138 kV (596.0)	7.75	382	306	2,961
138 LEWIS CREEK 138 SWYD - SHECO NEW CANEY CREEK 1	5.22	411	329	2,145
138 LEWIS CREEK 138 SWYD - RIVTRIN 138 kV (487.0)	35.61	287	230	10,220
138 LONGMIRE - PONDEROSA 138 kV (106.0)	3.14	382	306	1,199
138 MEMORIAL - MID COUNTY 138 kV (563.0)	1.35	151	121	204
138 METRO - OAK RIDGE (TX) 138 kV (169.0)	1.70	411	329	699
138 FLATLAND - MID COUNTY 138 kV (518.0)	1.66	273	218	453
138 NECHES STATION - CARROLL STREET PARK 138 kV (457.(	3.39	220	176	746
138 NECHES STATION - CARROLL STREET PARK 138 kV (528.(	3.17	220	176	697
138 NECHES STATION - EVADALE 138 kV (17.0)	26.35	206	165	5,428
138 NECHES STATION - SABINE 138 SWYD 138 kV (172.0)	14.42	282	226	4,066
138 NECHES STATION - SABINE 138 SWYD 138 kV (5.0)	14.34	287	230	4,116
138 NEW CANEY - PORTER 138 kV (586.0)	8.11	233	186	1,890
138 SHECO LUCE BAYOU - TARKINGTON CO 138 kV (870.0)	6.15	99	79	609
138 LEACH CO - NEWTON BULK 138 kV (449.0)	24.99	287	230	7,172
138 ONALASKA - BLANCHARD SHECO 138 kV (819.0)	6.68	233	186	1,556
138 ORANGE - BUNCH GULLY (CO) 138 kV (584.0)	4.42	287	230	1,269
138 ORANGE - MOSSVILLE 138 kV (295.0) (ETI portion)	5.87	214	171	1,256
138 PEE DEE - BRYAN 138 kV (59.0)	45.82	145	116	6,644
138 PELICAN ROAD (ETEC) - SHECO SHEPHERD 138 kV (815.(	9.25	206	165	1,906
138 POCO - RICH (SHECO) 138 kV (415.0)	14.91	206	165	3,071
138 POCO - SHECO MENARD 138 kV (426.0)	14.03	271	217	3,802
138 PORTER - DRY CREEK 138 kV (826.0,826.1)	2.22	137	110	304
138 PORTER - OAK RIDGE (TX) 138 kV (582.0)	8.61	384	307	3,306
138 PORTER - TAMINA 138 kV (823.0)	0.51	422	338	215
138 RAYWOOD - DAYTON BULK 138 kV (542.0)	13.68	126	101	1,724
138 PINTAIL - SHILOH CO 138 kV (435.0,812.0)	10.06	109	87	1,097
138 RICH (SHECO) - SHECO SHEPHERD 138 kV (417.0)	5.83	206	165	1,201

138	SHECO CALVIN - ONALASKA 138 kV (419.0)	10.13	233	186	2,360
138	RIVTRIN - PEE DEE 138 kV (509.0)	29.58	140	112	4,141
138	RIVTRIN - SHECO CALVIN 138 kV (412.0)	9.17	112	90	1,027
138	SABINE 138 SWYD - COW 138 kV (492.0)	9.74	357	286	3,477
138	SABINE 138 SWYD - ORANGE 138 kV (514.0)	9.70	216	173	2,095
138	SABINE 138 SWYD - ORANGE 138 kV (527.0)	9.70	216	173	2,095
138	SABINE 138 SWYD - PORT NECHES BULK 138 kV (515.0)	7.19	287	230	2,064
138	SABINE 138 SWYD - PORT NECHES BULK 138 kV (516.0)	8.26	287	230	2,371
138	SAM DAM CO - NEWTON BULK 138 kV (425.0,455.0,597.0)	30.22	137	110	4,140
138	SHECO SECURITY - LEWIS CREEK 138 SWYD 138 kV (503	22.87	145	116	3,316
138	SOUTH BEAUMONT - CENTRAL 138 kV (429.0)	7.06	223	178	1,574
138	SOUTH BEAUMONT - CHEEK 138 kV (66.0)	7.12	468	374	3,332
138	SPLENDORA - PORTER 138 kV (571.0)	19.13	206	165	3,941
138	SHECO CALVIN - CORRIGAN BULK 138 kV (111.0,411.0)	37.22	102	82	3,796
138	STONEGATE - MID COUNTY 138 kV (30.0)	1.26	241	193	304
138	STOWELL - BIG HILL CO 138 kV (151.0)	15.36	151	121	2,319
138	STOWELL - SHILOH CO 138 kV (475.0,476.0,536.0)	34.30	109	87	3,739
138	TARKINGTON CO - CLEVELAND [TX] 138 kV (50.0)	9.32	260	208	2,423
138	TOLEDO BEND - FISHER (CLECO) 138 kV (481.0) (ETI portio	2.42	287	230	695
138	TOLEDO BEND - LEESVILLE (CLECO) 138 kV (482.0) (ETI p	2.41	248	198	598
138	UNION - STONEGATE 138 kV (519.0)	4.59	241	193	1,106
138	HIGH ISLAND - STOWELL 138 kV (89.0)	17.93	211	169	3,783
138	CHEEK - PETRY WOODS SS 138 kV (152.0)	18.02	422	338	7,604
138	COMMERCE - SHECO NEW CANEY CREEK 138 kV (115.0)	3.96	411	329	1,628
138	CONROE BULK - PONDEROSA 138 kV (129.0)	3.56	382	306	1,360
138	CORRIGAN BULK - SHECO CORRIGAN 138 kV (80.0)	0.92	134	107	123
138	DOUCETTE - DEER CO 138 kV (95.0)	6.03	134	107	808
138	FLATLAND - PORT NECHES BULK 138 kV (513.0)	1.12	299	239	335
138	FOREST [TX] - GOSLIN 138 kV (320.0)	4.70	382	306	1,795
138	LEACH CO - TOLEDO BEND 138 kV (540.0)	2.26	287	230	649
138	LEWIS CREEK 138 SWYD - MONTGOMERY COUNTY POW	0.31	468	374	145
138	LEWIS CREEK 138 SWYD - MONTGOMERY COUNTY POW	0.31	468	374	145
138	NEW CANEY - PARKWAY 138 kV (92.0)	7.51	260	208	1,953
138	PINTAIL - GORDON 138 kV (541.0)	9.64	112	90	1,080
138	PINTAIL - RAYWOOD 138 kV (34.0)	4.50	109	87	491
138	PONDEROSA - NAVASOTA 138 kV (96.0)	38.82	112	90	4,348
138	RIVTRIN - SHECO CALVIN 138 kV (24.0)	9.17	233	186	2,137
138	SHECO LUCE BAYOU - NEW LONG JOHN 138 kV (872.0)	2.54	99	79	251
138 Total		1,404.55			304,165
69	ALLIGATOR BAYOU - TAYLOR BAYOU 69 kV (573.0)	2.11	121	97	255
69	AMELIA BULK - POLY 69 kV (162.0)	0.65	117	94	76
69	AMELIA BULK - SOUR LAKE 69 kV (6.0)	11.85	103	82	1,221
69	BATSON - DAISETTA 69 kV (56.0,103.0,594.0)	17.34	105	84	1,821
69	BATSON - SOUR LAKE 69 kV (55.0,102.0)	19.35	103	82	1,993
69	BRYAN - HEARNE 69 kV (132.0,159.0)	32.14	56	45	1,800
69	BRYAN - HEARNE 69 kV (182.0,436.0)	14.83	50	40	742
69	CALDWELL INDUSTRIAL - BRYAN 69 kV (535.0)	24.39	25	20	610

69 COW - GULFRICH 69 kV (522.0,590.0)	2.57	117	94	301
69 COW - ORANGE 69 kV (500.0)	6.87	93	74	639
69 CROCKETT - TRAVIS 69 kV (148.0,416.0)	2.10	51	41	107
69 CROCKETT - WEST END 69 kV (407.0)	2.21	93	74	206
69 CROCKETT - YANKEE DOODLE 69 kV (155.0)	2.40	121	97	290
69 DAISETTA - RAYWOOD 69 kV (57.0)	5.93	93	74	551
69 DEWYVILLE JNE CO - ECHO 69 kV (81.0,460.0)	9.40	27	22	254
69 DEWYVILLE JNE CO - FAWIL 69 kV (409.0,439.0)	36.10	27	22	975
69 DORSEY - EXPLORER 69 kV (865.0)	1.01	75	60	76
69 DUPONT BEAUMONT - KOLBS 69 kV (461.0)	9.17	72	58	660
69 DUPONT BEAUMONT - DUPONT DEE 69 kV (598.0)	0.49	69	55	34
69 DUPONT DEE - GOODRICH 69 kV (498.0)	6.41	69	55	442
69 ECHO - CORDREY 69 kV (502.0,595.0)	7.22	72	58	520
69 ELIZABETH - AMELIA BULK 69 kV (545.0)	2.67	117	94	312
69 EXPLORER - PORT ACRES BULK 69 kV (574.0)	1.17	117	94	137
69 FEDERAL - DORSEY 69 kV (564.0)	4.83	122	98	589
69 FEDERAL - SPURLOCK 69 kV (414.0)	1.53	26	21	40
69 FRONT STREET (TX) - AMERICAN BRIDGE 69 kV (76.0)	0.37	35	28	13
69 GALLIER CO - ELIZABETH 69 kV (468.0)	2.67	80	64	214
69 GALLIER CO - MEEKER 69 kV (168.0)	1.28	121	97	155
69 GROVES - ATLANTIC BULK 69 kV (109.0)	2.60	96	77	250
69 GROVES - PORT NECHES BULK 69 kV (107.0)	4.01	92	74	369
69 FIRESTONE ORANGE - FOREMAN RD 69 kV (561.0)	1.81	93	74	168
69 HEARNE - CALVERT 69 kV (85.0,108.0)	13.48	33	26	445
69 HELBIG - ELIZABETH 69 kV (463.0,585.0)	9.81	117	94	1,148
69 HELBIG - SOUTH SILSBEE 69 kV (467.0)	14.49	103	82	1,492
69 JIROU - NORTH END 69 kV (198.0,510.0)	2.91	67	54	195
69 KOLBS - ATLANTIC BULK 69 kV (117.0,189.0)	9.85	51	41	502
69 KOLBS - PORT NECHES BULK 69 kV (77.0)	3.69	69	55	255
69 KOLBS - SAVANNAH 69 kV (404.0)	3.26	121	97	394
69 KOLBS - FORT WORTH 69 kV (79.0)	4.75	113	90	537
69 MAGNOLIA CO - KOLBS 69 kV (497.0)	7.11	117	94	832
69 MEEKER - GOODYEAR CHEEK 69 kV (462.0)	7.81	69	55	539
69 MEEKER - POLY 69 kV (141.0)	0.29	117	94	34
69 MOBIL HEBERT - DUPONT BEAUMONT 69 kV (72.0)	5.72	72	58	412
69 MOBIL HEBERT - FEDERAL 69 kV (807.0)	0.74	72	58	53
69 NAVASOTA - SOMERVILLE 69 kV (60.0)	27.18	29	23	788
69 NECHES STATION - HOUSTON CHEMICAL 69 kV (90.0,454.	1.34	39	31	52
69 NECHES STATION - MAYHAW 69 kV (413.0)	9.02	42	34	379
69 NITRO CO - DUPONT BEAUMONT 69 kV (190.0)	0.29	72	58	21
69 NORTH END - HELBIG 69 kV (67.0)	5.74	67	54	385
69 NORTH SILSBEE - EVADALE 69 kV (433.0)	7.53	48	38	361
69 NORTH SILSBEE - SOUTH SILSBEE TAP 69 kV (470.0,471.0	3.19	117	94	373
69 ORANGE - ECHO 69 kV (495.0,525.0,804.0)	18.73	72	58	1,349
69 ORANGE - FIRESTONE ORANGE 69 kV (474.0,506.0)	4.61	96	77	443
69 BRIDGE CITY - ORANGE 69 kV (505.0,517.0)	6.31	74	59	467
69 ORANGE - FRONT STREET (TX) 69 kV (508.0)	4.53	72	58	326

69	PANSY - WINSHIRE 69 kV (63.0,185.0)	10.21	39	31	398
69	PARKDALE - HELBIG 69 kV (581.0)	2.7	93	74	251
69	PORT ACRES BULK - ALLIGATOR BAYOU 69 kV (473.0)	2.39	117	94	280
69	PORT ACRES BULK - SAVANNAH 69 kV (805.0)	2.58	103	82	266
69	PORT NECHES BULK - ATLANTIC BULK 69 kV (530.0)	3.91	72	58	282
69	PORT NECHES BULK - GOODRICH 69 kV (427.0)	3.02	96	77	290
69	PORT NECHES BULK - MAGNOLIA CO 69 kV (806.0)	2.38	93	74	221
69	RAYWOOD - SOUTH LIBERTY 69 kV (440.0)	15.73	19	15	299
69	SOMERVILLE - CALDWELL INDUSTRIAL 69 kV (61.0)	18.39	72	58	1,324
69	SOUTH BEAUMONT - MAGNOLIA HEBERT 69 kV (75.0)	6.14	23	18	141
69	SOUTH BEAUMONT - MAGNOLIA HEBERT TAP 69 kV (114.(	5.78	23	18	133
69	SOUTH BEAUMONT - WILDCAT 69 kV (98.0)	1.82	130	104	237
69	SOUTH BEAUMONT - PANSY 69 kV (62.0)	14.69	51	41	749
69	SOUTH BEAUMONT - YANKEE DOODLE 69 kV (443.0,576.0)	8.04	98	78	788
69	SOUTH BEAUMONT - YANKEE DOODLE 69 kV (458.0)	1.72	117	94	201
69	TAYLOR BAYOU - FORT WORTH 69 kV (191.0,446.0)	5.85	117	94	684
69	TRAVIS - JIROU 69 kV (51.0,53.0)	1.57	65	52	102
69	WEST END - AMELIA BULK 69 kV (456.0,456.1)	9.84	111	89	1,092
69	WEST END - GOODYEAR CHEEK 69 kV (466.0)	11.45	72	58	824
69	WEST END - HELBIG 69 kV (84.0)	6.72	117	94	786
69	WEST END - PARKDALE 69 kV (408.0,463.0)	5.78	72	58	416
69	WINSHIRE - STOWELL 69 kV (410.0)	6.78	50	40	339
69	BRIDGE CITY - FIRESTONE ORANGE 69 kV (575.0)	4.01	69	55	277
69	CORDREY - FRONT STREET (TX) 69 kV (453.0)	2.47	72	58	178
69	DUPONT BEAUMONT - DUPONT BEAUMONT 69 kV (447.0,4	0.7	42	34	29
69	FOREMAN RD - GULFRICH 69 kV (125.0)	0.25	93	74	23
69	HUNTSMAN (SK CO) - PORT NECHES BULK 69 kV (176.0)	0.17	119	95	20
69	HUNTSMAN (SK CO) - PORT NECHES BULK 69 kV (477.0)	0.16	96	77	15
69	WILDCAT - NITRO CO 69 kV (37.0)	1.51	130	104	196
69 Total		566.62			38,443

ENTERGY TEXAS, INC.
FUEL EXPENSE BY ACCOUNT NUMBER
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

The Company has requested a waiver of this schedule.

Sponsored by: N/A

ENTERGY TEXAS, INC.
FUEL BURNED
JANUARY 2021 - DECEMBER 2021

LINE	ACCT	PLANT/DESCRIPTION	JANUARY 2021	FEBRUARY 2021	MARCH 2021	APRIL 2021	MAY 2021	JUNE 2021	JULY 2021	AUGUST 2021	SEPTEMBER 2021	OCTOBER 2021	NOVEMBER 2021	DECEMBER 2021	TOTAL TEST YEAR JAN 21 - DEC 21	ADJUSTMENTS	TEST YEAR ADJUSTED
1		NATURAL GAS PLANTS - ELIGIBLE															
2		SABINE															
3	501	GAS COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
4	501	GAS TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
5	501	GAS TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
6		TOTAL GAS $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
7		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
8		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
9																	
10	501	OIL COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
11	501	OIL TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
12	501	OIL TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
13		TOTAL OIL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
14		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
15		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
16																	
17		TOTAL SABINE $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
18																	
19		LEWIS CREEK															
20	501	GAS COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
21	501	GAS TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
22	501	GAS TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
23		TOTAL GAS $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
24		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
25		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
26																	
27	501	OIL COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
28	501	OIL TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
29	501	OIL TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
30		TOTAL OIL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
31		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
32		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
33																	
34		TOTAL LEWIS CREEK $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
35																	
36		TOTAL NATURAL GAS PLANTS															
37	501	GAS COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
38	501	GAS TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
39	501	GAS TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
40		TOTAL GAS $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
41																	
42	501	OIL COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
43	501	OIL TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
44	501	OIL TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
45		TOTAL OIL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
46		TOTAL GAS PLANTS $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
47																	
48		COAL PLANTS - ELIGIBLE															
49		BIG CAJUN II UNIT 3															
50	501	COAL STOCK COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
51	501	TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
52	501	BOILER FUEL TAX	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
53		TOTAL COAL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
54		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
55		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
56																	
57	501	OIL COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
58	501	OIL TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
59	501	OIL TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
60		TOTAL OIL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
61		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
62		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
63																	
64		TOTAL BC II U3 $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
65																	

Amounts may not add or tie due to rounding
xxx Information is included in the waiver as requested by The Company
Sponsors: Andrew Dornier

ENTERGY TEXAS, INC.
FUEL BURNED
JANUARY 2021 - DECEMBER 2021

LINE	ACCT	PLANT/DESCRIPTION	JANUARY 2021	FEBRUARY 2021	MARCH 2021	APRIL 2021	MAY 2021	JUNE 2021	JULY 2021	AUGUST 2021	SEPTEMBER 2021	OCTOBER 2021	NOVEMBER 2021	DECEMBER 2021	TOTAL TEST YEAR JAN 21 - DEC 21	ADJUSTMENTS	TEST YEAR ADJUSTED
66		NELSON COAL															
67	501	COAL STOCK COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
68	501	TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
69	501	BOILER FUEL TAX	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
70		TOTAL COAL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
71		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
72		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
73																	
74	501	OIL COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
75	501	OIL TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
76	501	OIL TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
77		TOTAL OIL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
78		MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
79		Price/MMBTu	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx			
80																	
81		TOTAL NELSON $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
82																	
83																	
84		TOTAL COAL PLANTS - ELIGIBLE															
85	501	COAL STOCK COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
86	501	TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
87	501	BOILER FUEL TAX	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
88		TOTAL COAL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
89																	
90	501	OIL COSTS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
91	501	OIL TRANSPORTATION	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
92	501	OIL TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
93		TOTAL OIL $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
94		TOTAL COAL PLANTS $	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
95																	
96		**TOTAL ELIGIBLE ACCOUNT 501 $**	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
97																	
98																	
99		)WANCE REVENUES AND EXPENSES -ELIG															
100	4118	GAIN FROM DISPOSITION OF ALI	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
101	502	ALLOWANCES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
102	509	ALLOWANCES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
103		TOTAL ALLOW. REVENUES AND EXPENSE	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
104																	
105		**TOTAL ELIGIBLE COSTS (501 + 4118 + 502-**	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
106		INELIGIBLE COSTS:															
107		NEL.COAL AD VALOREM TAXES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
108		NEL. COAL CAR MAINT.	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
109		NEL. COAL COAL CAR LEASES	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
110		NEL. COAL ASH PROCEEDS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
111		NEL. COAL HANDLING	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
112		BC II U3 RAIL CAR LEASE COST	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
113		BC II U3 ASH PROCEEDS	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
114		BC II U3 HANDLING	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
120		NON-FUEL O&M	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx		xxx
121		TOTAL INELIGIBLE COSTS	203,286	199,382	151,812	205,288	306,767	10,678	85,365	199,543	237,655	191,173	136,126	156,078	2,083,152	-	2,083,152
122																	
123		**TOTAL ACCOUNTS 501 + 4118 + 509 $ (LINE 105 + LINE 121)**															
124																	

Amounts may not add or tie due to rounding
xxx Information is included in the waiver as requested by The Company
Sponsors: Andrew Dornier

ENTERGY TEXAS, INC.
FOSSIL FUEL PURCHASED
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

The Company has requested a waiver of this schedule.

Sponsored by: N/A

ENTERGY TEXAS, INC.
NONRECURRING FUEL AND PURCHASED POWER EXPENSES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021

There are no nonrecurring fuel or purchased power costs requested in the cost of service that are not representative of the type of costs generally incurred by the Company on a continuing basis.

Sponsored by: Allison Lofton

ENTERGY TEXAS, INC.
FUEL & PURCHASED POWER PROCUREMENT PRACTICES
JANUARY – DECEMBER 2021

The System Planning and Operations group ("SPO"), an administrative department of Entergy Services, Inc., is responsible for the acquisition of fossil fuels and purchased power for the Entergy Operating Companies and for the economic dispatch of available resources for the entire Entergy System, including Entergy Texas, Inc. ("ETI" or the "Company"). These tasks are the primary responsibilities of the Energy Management Organization ("EMO"), a sub-organization of the SPO, which includes the Fossil Fuel Supply, Market Operations, Real Time Operations, and Operations Planning groups. Below is a narrative of the fuel and purchased power procurement practices and procedures followed by ETI.

NATURAL GAS:
It is the System's policy to obtain gas supplies for each participating Operating Company at a reasonable cost while maintaining reliability of service. To this end, the Company uses a diversified portfolio of supply and transportation contracts to reduce ETI's exposure to market volatility while maintaining operating flexibility and service reliability. To achieve this goal of a diversified portfolio, ETI has followed a long-term strategy of interconnecting with multiple pipelines in order to increase the number of potential suppliers and delivery options at or near each of its gas burning plants (Schedule I-6). This flexibility allowed ETI to purchase natural gas under long-term supply contracts, as well as under short-term spot supply contracts of monthly, next-day, and intraday duration into the Sabine, Lewis Creek, Montgomery County, and Cypress (Hardin) Stations.

Spot gas purchases may be made in the monthly, next-day or intra-day markets in order to optimize generation flexibility and reliability and to enable the Company to take advantage of lower cost energy resources when possible. Commitments to purchase monthly short-term gas are generally made during "bid week," which occurs in the last five business days of the month, for deliveries that will begin in the following month. Additional gas purchase requirements are satisfied through purchases in the next-day and/or intra-day market. These next-day and/or intra-day purchases provide significant flexibility to meet the customers' changing demand for electricity in a reliable and cost-efficient manner. Numerous factors, such as the cost and availability of purchased power, transmission and generation capability, gas pipeline imbalance requirements, and other fuel supply and transportation constraints cannot be fully anticipated prior to the beginning of each month.

Estimates of next-day gas requirements are based on a forecast of the Midcontinent Independent System Operator ("MISO") awards for plant operations that are received at 1:30PM EST each day. MISO bids and offers are based on approved strategies and operating forecasts for each of ETI's power plants. Inputs to the bids and offers are discussed each business day and involves a multi-disciplinary team consisting of Operations Planning, Fossil Fuel Supply, and Market Operations personnel.

As part of the System's strategy, the Company may also employ call options on a limited basis as a means of enhancing fuel supply reliability. These options are typically integrated into the Company's gas supply portfolio during the hurricane season or during the winter months when there is an increased possibility of disruptions in the supply of spot gas purchases due to severe weather events. When purchased in conjunction with firm transportation, gas that is purchased under a call option has a very high degree of reliability, similar to that which is normally associated with long-term firm supply contracts, but without locking the Company into a long-term purchase commitment.

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One of the primary responsibilities of the Gas & Oil Supply staff is to keep abreast of transportation capacity and prices on the various pipelines throughout the Entergy service area. The quoted "bundled" prices are compared to the total "unbundled" prices available each day and the Company then secures those packages that will satisfy the projected gas requirements at each plant in the most economical manner, considering both flexibility and reliability.

Another key component of the Company's natural gas portfolio is the Spindletop Gas Storage facility located in Beaumont, Texas. This facility provides transportation, swing service, and storage capacity to ETI. In combination with interruptible purchases in the daily market, the facility enhances the supply reliability and operational flexibility for the Sabine Units.

Gas Supply personnel stay abreast of the gas market through industry publications, a real-time NYMEX Gas Futures Screen, Intercontinental Exchange (a real-time electronic gas trading system), and regular contact with gas suppliers.

FUEL OIL:
ETI uses small quantities of distillate oil for flame stabilization and unit startup. The Company's policy is to buy oil at a reasonable cost from qualified suppliers. ETI's practice is to buy fuel oil on a delivered-to-plant basis, and delivery is generally made by truck. Oil deliveries are monitored by Gas & Oil Supply personnel, plant personnel, and by independent inspectors to verify actual quantities and specification.

COAL:

ETI has a 29.75% ownership interest in the Nelson 6 coal plant, which is operated by the Entergy Louisiana LLC, the majority owner of the plant. The Solid Fuels Group uses a competitive bid process to procure long-term coal supply contracts. Spot coal purchases are generally made, as needed, on a monthly or quarterly basis, in order to fulfill coal requirements not already secured under a long-term agreement. Spot coal purchases are made by an informal competitive solicitation process. The Nelson coal portfolio staggers supply agreements in a way such that approximately 30% of the supplies expire each year. This allows for a more diversified supply of coal at the plant, reduces the risk of depending on a single source of coal, and allows the opportunity to limit price volatility. The Company's Coal Inventory Policy recognizes the need to maintain fuel diversity at Nelson Station, which primarily obtains coal from the Powder River Basin ("PRB"). The policy requires a bi-annual review and economic evaluation to determine if coal sourced from outside the PRB or delivered by means other than rail should be purchased and delivered to the plant.

Transportation of coal to Nelson Station is managed and coordinated by Solid Fuel Group personnel for rail delivery under a long-term transportation contract. The long-term contract with BNSF Railway concluded at the end of 2021 and was replaced with a new long-term contract with Union Pacific Railway beginning in January 2022. In addition, the Company would take bids and negotiate short-term (less than one year) coal transportation contracts, if needed, to support supplemental coal deliveries to Nelson Station. Prior to the expiration of long-term transportation contracts, the Company's coal transportation requirements are put out for competitive bids, assuring that coal transportation rates are in line with the competitive market. Solid Fuel Group personnel closely monitor performance, rate adjustments, and billing under contract terms. Scales at the mine are calibrated periodically in accordance with applicable government regulations and are overseen by state and federal authorities. Delivery weights at the mine are verified by Solid Fuel Group personnel by comparing invoices to shipping reports received from the mine.

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Twice a year, the Solid Fuel Group commissions a physical inventory measurement survey to be performed. This survey is compared to the Company's inventory record and an adjustment is made to the Company's records if there is a difference between the survey value of inventory and the Company's book inventory.

Big Cajun II, Unit 3, in which ETI has a 17.85% ownership share, is operated by Cleco Cajun LLC ("Cleco"). ETI has at least one person assigned to a management oversight function to ensure the Company's rights are protected in accordance with the Joint Ownership and Participation Operating Agreement ("JOPOA"). As Project Manager, LaGen procures and transports coal into the station on ETI's behalf. Cleco has contracts with various PRB producers for the purchase of coal. Cleco contracts with both Burlington Northern and Santa Fe Railway and American Commercial Lines to provide transportation services for the shipment of coal by rail from Wyoming's Powder River Basin to St. Louis, Missouri, and then by barge down the Mississippi River to the Big Cajun II facility.

PURCHASED POWER:
Effective December 19, 2013, the Company completed its integration into the MISO organization. Short-term energy needs are fulfilled by participation in the MISO markets. Long-term power purchases are acquired by the Commercial Operations Group, generally through the use of competitive solicitation processes.

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ENTERGY TEXAS, INC.
FUEL & PURCHASED POWER COMMITTEES
JANUARY 2021 – DECEMBER 2021

ENTERGY TEXAS OPERATING COMMITTEE		
Specific Responsibilities and Authority	Meeting Dates	Membership
See the highly sensitive attachment.	1/20/2021 1/27/2021 2/10/2021 2/25/2021 3/25/2021 4/26/2021 5/25/2021 5/26/2021 6/23/2021 7/21/2021 8/18/2021 9/9/2021 9/30/2021 10/20/2021 12/15/2021	• Sallie Rainer, President & CEO, Entergy Texas, Inc.; *Eliecer Viamontes President & CEO, Entergy Texas, Inc ('21) (a) • Ryland Ramos, Vice President, Regulatory Affairs (b) • Scott Hutchinson, Vice President, Public Affairs (b) • Stuart Barrett, Vice President, Customer Service (b) • Bobby Sperandeo, Jurisdictional Finance Director – ETI, Entergy Services, Inc. (b) • Abigail Weaver, Director, Resource Planning & Market Operations, Entergy Texas, Inc. (b) • Kimberly Cook-Nelson, Vice President, System Planning; *Jason Reynolds, Vice President, System Planning ('21) (c) • Jason Willis, Vice President, Power Plant Operations (c) • Jim Schott, Vice President, Transmission; *Charles Long, Acting Vice President, Transmission ('21) (c) • Elizabeth Adams, Vice President, Enterprise Planning Group (c) • Charles Hall, Vice President, Power Generation (c)

*Hired into position in 2021

(a) Decision Maker
(b) Voting Member
(c) Conditional Voting Member
(d) Advisory Member

Sponsored by: Andrew Dornier