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July 29, 2020

**Via Electronic Delivery**

Ms. Lora W. Johnson, CMC, LMMC  
Clerk of Council  
City Hall - Room 1E09  
1300 Perdido Street  
New Orleans, LA 70112

**Re: Resolution Directing Entergy New Orleans, Inc. to Investigate and Remediate Electric Service Disruptions and Complaints and to Establish Minimum Electric Reliability Performance Standards and Financial Penalty Mechanisms – CNO Docket No. UD-17-04**

Dear Ms. Johnson:

Please find enclosed for your further handling Entergy New Orleans, LLC's ("ENO") 2020 Reliability Plan Project Status Report through February 29, 2020, which is being submitted for filing in the above-referenced docket pursuant to Council Resolution R-18-98. As a result of the remote operations of the Council's office related to COVID-19, ENO submits this filing electronically and will submit the requisite original and number of hard copies once the Council resumes normal operations, or as you direct. ENO requests that you file this submission in accordance with Council regulations as modified for the present circumstances.

Thank you for your assistance with this matter.

Sincerely,

A handwritten signature in blue ink that reads "Timothy S. Cragin".

Timothy S. Cragin

TSC\rdm

Enclosures

cc: Official Service List (UD-17-04 *via electronic mail*)

**ENTERGY NEW ORLEANS, LLC'S  
2020 RELIABILITY PLAN PROJECT STATUS REPORT  
THROUGH FEBRUARY 29, 2020**

Entergy New Orleans, LLC (“ENO”) respectfully submits this Reliability Project Status Report to provide the Council with an update through February 29, 2020 on progress regarding ENO’s 2020 Reliability Plan, as well as on two carryover projects from the 2019 Reliability Plan. As of February 29, 2020, ENO had completed six of the currently designed distribution line reliability pole projects targeted in the two carryover projects from the 2019 Distribution Reliability Plan. Details relating to the 2020 distribution line reliability projects are reflected in the charts and graphs on pages 2 through 5 below.

Of the fifteen feeders scheduled for 100% backbone and lateral inspection and repairs, four are in the inspection stage and eight have been inspected. One 2020 feeder is in the construction stage and one of the 2019 feeders carried over into 2020 is also in the construction stage. Construction was impacted in January due to severe weather in our area and the reallocation of contract crews to north Louisiana and Arkansas to assist in storm recovery. Plans are in place to recover lost time with additional contract crews for the remainder of the year.

Our Fix-It-Now (“FIN”) reliability crew continues to work on performing infrared inspections of distribution facilities to identify and prevent outages that could result from imminent failure conditions and investigating repeat outages to assess and repair the fundamental cause of the outage. The crew completed work on more than 45 separate locations in the city during the reporting period.

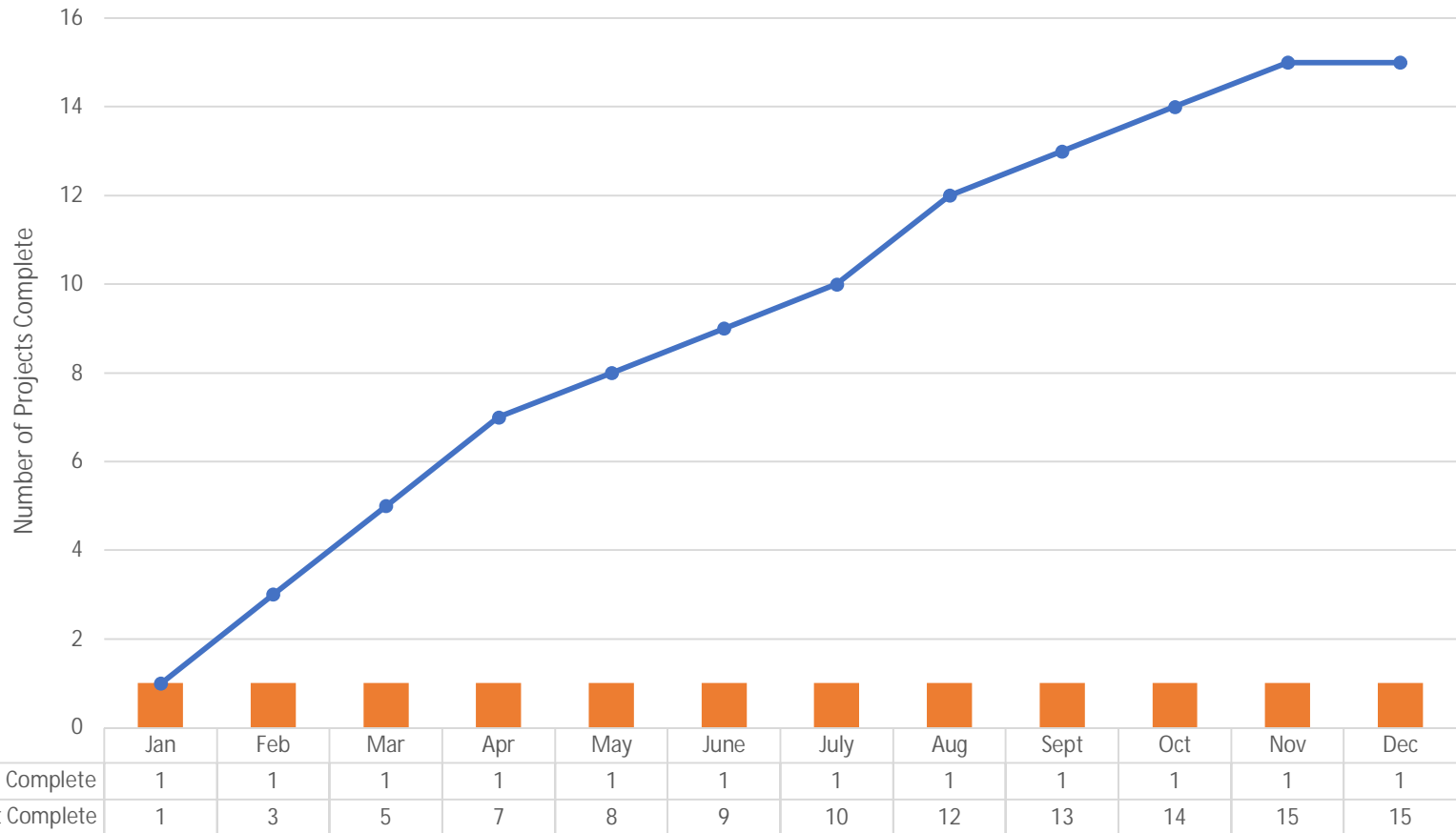
Also attached hereto is a schedule of Transmission reliability projects scheduled to be worked in 2020, with costs incurred through February 2020.<sup>1</sup>

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<sup>1</sup> Transmission costs shown are as of February 29, 2020, but the construction status shown reflects the date of filing.

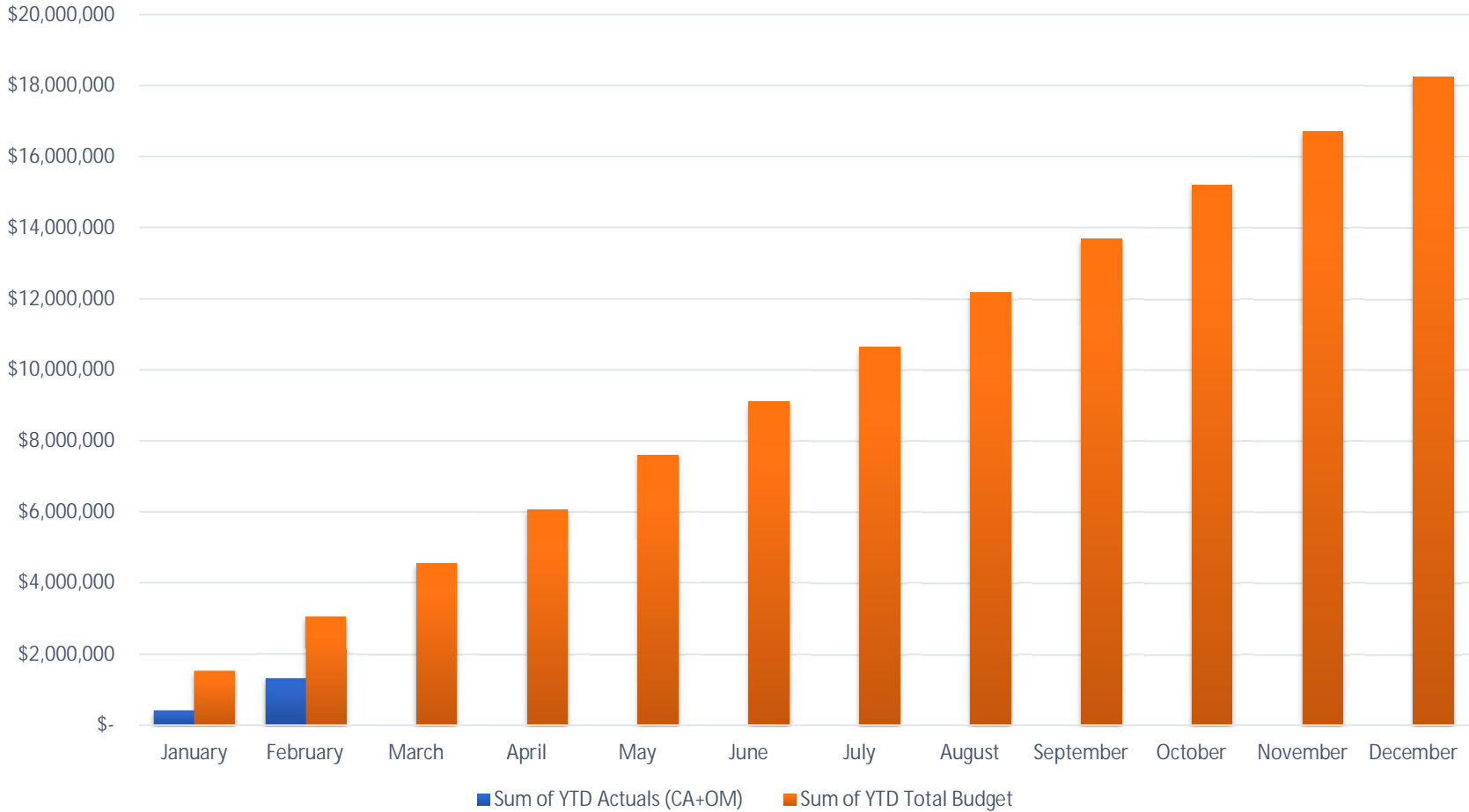
ENO is available to discuss this report, and reliability in general, in further detail, if desired.

### ENO 2020 Distribution Reliability Plan Project Progress



Note: This chart shows progress for 100% lateral projects which comprise the bulk of our large planned projects affecting the most customers based on in-service date in Maximo.

# ENO 2020 Distribution Plan Spend



Funding Project	YTD Actuals	YTD Budget	Variance
Internal (F1PPDA0198)	115,061	169,961	(54,900)
DA Acceleration / Sectionlization (F1PPDA1250)	8	80,576	(80,568)
Focus (F1PPDA1750)	1,682	111,975	(110,293)
100% Lateral, FIN & Other Strategic Reliability (F1PPU25021)	564,671	1,619,459	(1,054,788)
Outage Causal Analysis (F1PPDA2650)	0	10,350	(10,350)
Equipment Inspection & Maintenance (F1PPDA0598)	145	30,771	(30,626)
Backbone (F1PPDA0989)	23,806	39,078	(15,272)
Underground Safety, Network Improvement & Replacement (F1PPDA1550, F1PPU25008, F1PPUA5002)	275,461	473,206	(197,745)
Pole Program (F1PPUA5001)	329,844	469,139	(139,295)
Grid Mod Make Ready Work (F1PPUMKRED)	907	34,218	(33,311)
Total	1,311,585	3,038,733	(1,727,148)

Note: The variances (underspend) are largely driven by major storms in January and February that occurred in several southern states and caused several crews performing reliability work for ENO to leave the New Orleans area to provide restoration assistance to the affected areas. When there is major storm damage outside ENO's service area, it is typical for some contract and Entergy crews to travel to the affected area to provide mutual assistance. This in turn helps to assure our customers that we will receive mutual assistance when we need it.

Projects by Council District: A

% Work Complete <sup>2</sup>	Name	Project Phase	Est. Start	Actual Start	Est. Finish	Actual Finish
37%	ENO 290 2019 100% Lateral Napoleon SBKR 1926	Construction	01/2020	1/20/2020	02/2020	-
0%	ENO 5 2020 100% Lateral JOLIET SBKR 2013	Construction Queue	03/2020	-	04/2020	-
0%	ENO 8 2020 100% Lateral NAPOLEON SBKR 1916	Construction Queue	05/2020	-	06/2020	-
0%	ENO 10 2020 100% Lateral JOLIET SBKR 2014	Inspection	07/2020	-	08/2020	-
0%	ENO 11 2020 100% Lateral SOUTHPORT SBKR B0527	Inspection	07/2020	-	10/2020	-

Projects by Council District: B

% Work Complete <sup>3</sup>	Name	Project Phase	Est. Start	Actual Start	Est. Finish	Actual Finish
37%	ENO 290 2019 100% Lateral Napoleon SBKR 1926	Construction	01/2020	1/20/2020	02/2020	-
0%	ENO 366 2019 100% Lateral Market SBKR 2147	Construction Queue	01/2020	-	05/2020	-
0%	ENO 3 2020 100% Lateral MIDTOWN SBKR 912	Construction Queue	01/2020	-	02/2020	-
0%	ENO 6 2020 100% Lateral NAPOLEON SBKR 1924	Construction Queue	03/2020	-	04/2020	-
0%	ENO 8 2020 100% Lateral NAPOLEON SBKR 1916	Construction Queue	05/2020	-	06/2020	-

<sup>2</sup> Percent work complete is based on points reported complete by crew foremen. Projects will be reported as 100% complete once audits are complete and in-service date updated in Maximo

<sup>3</sup> Percent work complete is based on points reported complete by crew foremen. Projects will be reported as 100% complete once audits are complete and in-service date updated in Maximo

Projects by Council District: C

% Work Complete <sup>4</sup>	Name	Project Phase	Est. Start	Actual Start	Est. Finish	Actual Finish
0%	ENO 1 2020 100% Lateral ALMONASTER SBKR 614	Construction Queue	01/2020	-	02/2020	-
0%	ENO 3 2020 100% Lateral MIDTOWN SBKR 912	Construction Queue	01/2020	-	02/2020	-
0%	ENO 7 2020 100% Lateral SHERWOOD FOREST SBKR 611	Construction	04/2020	2/12/2020	05/2020	-
0%	ENO 12 2020 100% Lateral PAUGER SBKR 1709	Inspection	10/2020	-	11/2020	-
100%	ENO 13 2020 100% Lateral LOWER COAST SBKR W1713	Complete	01/2020	1/1/2020	01/2020	1/1/2020
0%	ENO 14 2020 100% Lateral LOWER COAST SBKR W1725	Not Started	07/2020	-	08/2020	-
0%	ENO 15 2020 100% Lateral HOLIDAY (LA) SBKR W0725	Not Started	08/2020	-	09/2020	-

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<sup>4</sup> Percent work complete is based on points reported complete by crew foremen. Projects will be reported as 100% complete once audits are complete and in-service date updated in Maximo



Projects by Council District: D

% Work Complete <sup>5</sup>	Name	Project Phase	Est. Start	Actual Start	Est. Finish	Actual Finish
0%	ENO 1 2020 100% Lateral ALMONASTER SBKR 614	Construction Queue	01/2020	-	02/2020	-
0%	ENO 3 2020 100% Lateral MIDTOWN SBKR 912	Construction Queue	01/2020	-	02/2020	-
0%	ENO 4 2020 100% Lateral PAUGER SBKR 1704	Construction Queue	02/2020	-	03/2020	-
5%	ENO 7 2020 100% Lateral SHERWOOD FOREST SBKR 611	Construction	04/2020	2/12/2020	05/2020	-
0%	ENO 12 2020 100% Lateral PAUGER SBKR 1709	Inspection	10/2020	-	11/2020	-

Projects by Council District: E

% Work Complete <sup>6</sup>	Name	Project Phase	Est. Start	Actual Start	Est. Finish	Actual Finish
0%	ENO 2 2020 100% Lateral GULF OUTLET SBKR 1205	Construction Queue	2/2020	-	03/2020	-
0%	ENO 9 2020 100% Lateral CURRAN SBKR 2216	Inspection	6/2020	-	07/2020	-

<sup>5</sup> Percent work complete is based on points reported complete by crew foremen. Projects will be reported as 100% complete once audits are complete and in-service date updated in Maximo

<sup>6</sup> Percent work complete is based on points reported complete by crew foremen. Projects will be reported as 100% complete once audits are complete and in-service date updated in Maximo

WO #s	Substation	Work Description	Construction Start Date	EST ISD	Actual ISD	Estimated 2020 Project Cost	YTD Actuals at end of Feb 2020
C6PPGR0139	ALMONASTER	Replace SEL-287 V with SEL-451 230kV Cap Bank Relay	3/30/2020	4/30/2020	4/14/2020	\$ 191,400	\$ 18,610
C6PPGR0074	CURRAN	Replace OCB #22BT-12	2/24/2020	3/5/2020	3/6/2020	\$ 148,500	\$ 1,266
C6PPKO1067	DERBIGNY	Add Standard Animal Mitigation	7/16/2020	12/31/2020	5/21/2020	\$ 35,200	\$ -
C6PPBU1557	NAPOLEON	Replace Feeder Breaker 1912-2 and disconnect	3/13/2020	3/20/2020	3/25/2020	\$ 178,200	\$ 37,631
C6PPBU1559	NAPOLEON	Replace Feeder Breaker 1911-2 and disconnect	3/2/2020	3/13/2020	3/20/2020	\$ 178,200	\$ 41,795
C6PPGR0060	NOTRE DAME	Replace XFMR Diff Panel on T4 Type: EM - WH HU CO11	1/15/2020	2/12/2020	2/12/2020	\$ 320,000	\$ 109,348
C6PPGR0144	SHERWOOD FOREST	Replace HV & LV Arresters on T2	3/1/2020	3/11/2020	3/11/2020	\$ 35,999	\$ -
C6PPGR0145	SHERWOOD FOREST	Replace LV Arresters on T4	5/25/2020	6/12/2020	6/22/2020	\$ 35,999	\$ -
C6PPGR0093	SHERWOOD FOREST	Replace OCB Main Breaker 16T2-6 and Disconnects	5/4/2020	9/25/2020		\$ 396,000	\$ 77,690
C6PPKO1062	ALMONASTER	Add standard animal mitigation	6/22/2020	12/31/2020		\$ 55,440	\$ -
C6PPGR0158	CURRAN	Install Green Jacket Animal Mitigation	10/1/2020	12/31/2020		\$ 396,000	\$ -
C6PPGR0152	CURRAN	Replace/upgrade SCADA RTU Type: D-400S	9/7/2020	9/11/2020		\$ 125,400	\$ 269
C6PPGR0141	DELTA	Replace Switch N9810 (Motor Operator Only Replacement)	5/25/2020	7/31/2020		\$ 51,480	\$ 13,079
C6PPGR0140	DERBIGNY	Replace 1513-2 Feeder Breaker	9/28/2020	10/9/2020		\$ 178,200	\$ 16,830
C6PPGR0159	DERBIGNY	Replace 1551-2 Feeder Breaker	7/13/2020	7/31/2020		\$ 178,200	\$ 8,564
C6PPGR0148	GENTILLY	Replace 115kV OCB N1312 (T-Asset)	8/10/2020	8/28/2020		\$ 211,200	\$ 2,770
C6PPGR0160	GULF OUTLET	Replace/ Upgrade SCADA RTU type: D-20	7/6/2020	7/12/2020		\$ 225,192	\$ 2,549
C6PPGR0162	MARKET 230	Replace/Upgrade SCADA RTU Type: D-20	9/21/2020	10/9/2020		\$ 125,400	\$ 60,474
C6PPGR0082	MICHOUD SWITCHYARD	Replace 115kV Bus CCVT A Phase (AT1)	9/21/2020	11/27/2020		\$ 21,700	\$ 1,300
C6PPGR0083	MICHOUD SWITCHYARD	Replace 115kV Bus CCVTs (3 Phase) (North Bus)	9/21/2020	10/30/2020		\$ 66,000	\$ 289
C6PPGR0090	MICHOUD SWITCHYARD	Replace 115kv OCB N1102 (230/115KV AUTO BKR)	11/2/2020	11/27/2020		\$ 184,800	\$ 442
C6PPGR0091	MICHOUD SWITCHYARD	Replace 115kv OCB N1105 (230/115KV AUTO BKR)	9/21/2020	11/27/2020		\$ 184,800	\$ 390
C6PPBU1553	NAPOLEON	Replace/upgrade SCADA RTU Type: D-20 M++	9/1/2020	9/30/2020		\$ 125,400	\$ 5,017
C6PPBU1554	NAPOLEON	Replace Feeder Breaker 1924-2 and disconnect	10/19/2020	11/6/2020		\$ 178,200	\$ 3,487
C6PPBU1555	NAPOLEON	Replace Feeder Breaker 1925-2 and disconnect	7/12/2020	7/31/2020		\$ 178,200	\$ 1,167
C6PPBU1556	NAPOLEON	Replace Feeder Breaker 1913-2 and disconnect	9/1/2020	9/30/2020		\$ 178,200	\$ 17,862
C6PPBU1558	NAPOLEON	Replace Feeder Breaker 1914-2 and disconnect	9/1/2020	9/30/2020		\$ 178,200	\$ 8,611
C6PPBU1560	NAPOLEON	Replace Feeder Breaker 1916-2 and disconnect	7/12/2020	7/31/2020		\$ 178,200	\$ 3,784
C6PPBU1561	NAPOLEON	Replace Feeder Breaker 1915-2 and disconnect	9/1/2020	9/30/2020		\$ 178,200	\$ 7,769
C6PPBU1562	NAPOLEON	Replace Feeder Breaker 1917-2 and disconnect	9/1/2020	9/30/2020		\$ 178,200	\$ 774
C6PPBU1563	NAPOLEON	Replace Feeder Breaker 1921-2 and disconnect	9/1/2020	9/30/2020		\$ 178,200	\$ 666
C6PPBU1564	NAPOLEON	Replace Feeder Breaker 1922-2 and disconnect	9/1/2020	9/30/2020		\$ 178,200	\$ 666
C6PPBU1565	NAPOLEON	Replace Feeder Breaker 1923-2 and disconnect	10/5/2020	10/16/2020		\$ 178,200	\$ 666
C6PPBU1566	NAPOLEON	Replace Feeder Breaker 1927-2 and disconnect	11/23/2020	12/4/2020		\$ 178,200	\$ 15,049
C6PPGR0164	NOTRE DAME	Replace / Upgrade SCADA RTU Type: D-20	8/31/2020	9/4/2020		\$ 125,400	\$ -
C6PPGR0165	NOTRE DAME	Add 3 DGA Monitor	8/31/2020	9/4/2020		\$ 219,120	\$ -
C6PPGR0166	PATTERSON	Replace / Upgrade SCADA RTU Type: D-20	10/5/2020	10/9/2020		\$ 263,208	\$ 1,742
C6PPBU1567	PAUGER	Replace 1705-2 Feeder Breaker	11/23/2020	12/4/2020		\$ 178,200	\$ 2,663
C6PPBU1568	PAUGER	Replace 1702-2 Feeder Breaker	10/26/2020	11/6/2020		\$ 178,200	\$ 1,674
C6PPBU1569	PAUGER	Replace 1704-2 Feeder Breaker	11/9/2020	11/20/2020		\$ 178,200	\$ 449
C6PPBU1572	PAUGER	Replace 17BT-24 Bus Tie Breaker	7/6/2020	7/24/2020		\$ 178,200	\$ 1,199
C6PPBU1573	PAUGER	Replace 1701-2 Feeder Breaker	10/5/2020	10/23/2020		\$ 178,200	\$ 934
C6PPBU1473	PAUGER	Replace XFMR Diff Panel on T2 Type: EM - WH HU/CO	10/12/2020	10/30/2020		\$ 330,000	\$ -
C6PPBU1461	PAUGER	Replace 17T2-6 Main T2 Breaker	10/12/2020	10/30/2020		\$ 148,500	\$ 542
C6PPBU1490	PAUGER	Replace the SCADA Remote Terminal Units (RTU) with an RTAC RTU	11/30/2020	12/11/2020		\$ 148,500	\$ -
C6PPBU1571	PAUGER	Add Two (2) DGA Monitors	10/12/2020	12/30/2020		\$ 153,120	\$ -
C6PPGR0095	PONTCHARTRAIN PARK	Add Standard Animal Mitigation	11/2/2020	12/31/2020		\$ 79,200	\$ -
C6PPGR0092	SHERWOOD FOREST	Replace OCB Main Breaker 16T4-6 and Disconnects	5/25/2020	9/25/2020		\$ 396,000	\$ 77,910
C6PPGR0153	SHERWOOD FOREST	Replace/upgrade SCADA RTU Type: D-20 ME (Non-Outage)	7/6/2020	7/17/2020		\$ 125,400	\$ 320
F1PPU75760	UpG Patrsn-Ponchtrn Pk 115kv	Upgraded TLine, and bus and switches at Patterson and Pontchartrain Par	7/15/2019	6/1/2020	3/13/2020	\$ 288,227	\$ 262,018
F1PPU51158	Gulf Outlet 115KV: Inst Cap Ba	Install new capbank	5/1/2020	12/1/2020	TBD	\$ 2,587,767	\$ 269,173
F1PPUX4897	Tricou- Energize Xfmr T2	Install new Transformer	2/15/2020	12/31/2020	TBD	\$ 3,476,883	\$ 87,328

WO #s	Substation	Work Description	Construction Start Date	EST ISD	Actual ISD	Estimated 2020 Project Cost	YTD Actuals at end of Feb 2020
F1PPUX6066	NOLA Solar- Sherwood Forest Fdrs	Install high side CCVT, replace fder brk 1612, upgrade relaying in fdr brk 16	3/2/2020	6/1/2020	5/8/2020	\$ 928,532	\$ 64,890
F1PPU50894	SPOF ELL -NMP Relaying Imprv	Install new relaying at Joliet, Labarre, Market & Southport	10/1/2020	6/30/2021	TBD	\$ 445,894	\$ 21,861
F1PPU51353	Lower Coast 230kV- Add Breaker	Install high side breakers	TBD	6/1/2022	TBD	\$ 371,748	\$ 3,837
F1PPU75782	Upgrade Ave C - Paris Tap line	Upgrade TLine and switches and bus work at Ave. C.	TBD	6/1/2021	TBD	\$ 162,694	\$ -
F1PPU51248	Curran 230kV- Add Breaker	Install high side breakers	TBD	9/22/2022	TBD	\$ 333,225	\$ -
						\$ 17,083,327	\$ 1,255,351