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**Courtney R. Nicholson**  
Vice-President – Regulatory and Public Affairs

September 29, 2021

**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") 2021 Reliability Plan Project Status Report through June 30, 2021, 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 "Courtney R. Nicholson".

Courtney R. Nicholson

CRN\bkd

Enclosures

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

**ENTERGY NEW ORLEANS, LLC'S  
RELIABILITY PROJECT STATUS REPORT THROUGH JUNE 30, 2021**

Entergy New Orleans, LLC (“ENO”) respectfully submits this Reliability Project Status Report to provide the Council with an update through June 30, 2021 on progress regarding ENO’s 2021 Reliability Plan.

We are continuing to make progress on our 100% backbone and lateral inspection and repair program. Of the 13 feeders planned for 2021: 7 are completed, 4 are in construction, and 2 are in design. Following last year’s historic hurricane year in Louisiana, we front-loaded the year with our contract crews to complete as much work as possible prior to storm season beginning.

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 as well as investigating repeat outages to assess and repair the fundamental cause of the outage. The crew completed work on more than 134 separate locations in the city during the reporting period.

We have completed our cyclical pole inspections for the year and restored or replaced all identified poles identified as deficient in those inspections. We continue on our five-year plan to replace all non-restorable poles.

In the Distribution Automation Acceleration program, work has continued connecting existing reclosers to the growing communications network. Currently approximately 41% of reclosers are on the automated network. We have also completed installation of three new reclosers with two more planned for later this year.

In the Underground program, while working in conjunction with planned transmission/substation work, we identified work to be performed on three sets of substation exit cables that could yield significant reliability benefits, reducing the potential for customer

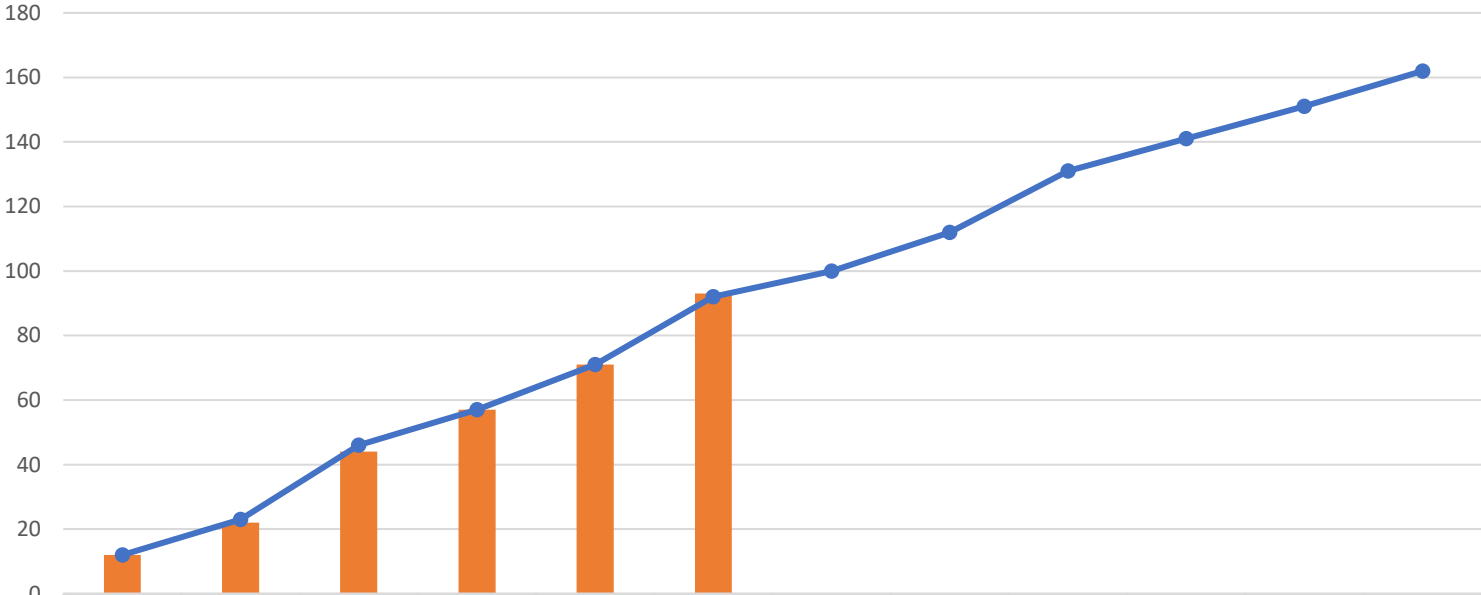
interruptions. These are the points where power leaves the substation, and a fault could affect many customers. One of these projects is complete, one is under construction and the last is scheduled to be worked by the end of the year.

The Central Business District (CBD) Mesh Network Action Plan was developed mid-2021 and is underway. Of the 10 transformers planned to be replaced in 2021, six have been replaced and four are scheduled. We have sampled oil on 6 transformers and are evaluating options for fire protection to be installed.

Also attached hereto is a schedule of Transmission reliability projects scheduled to be worked in 2021, with costs incurred through July 2021.

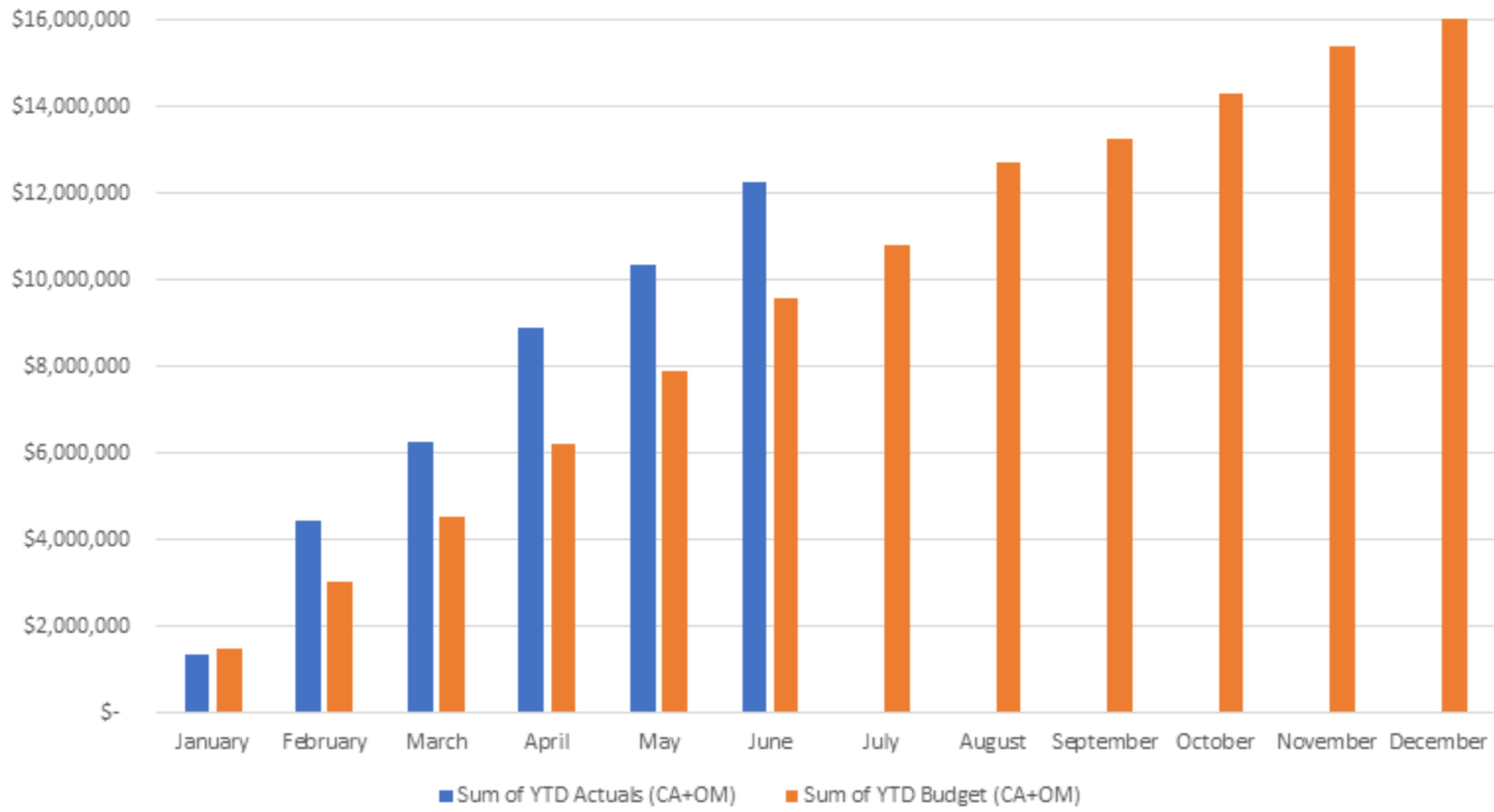
ENO is available to discuss this report, and reliability in general, in further detail, if desired.

### ENO 2021 Distribution Reliability Plan Project Progress



Actual Complete	12	22	44	57	71	93						
Target Complete	12	23	46	57	71	92	100	112	131	141	151	162

### ENO 2021 Distribution Plan Spend



## 2021 Distribution Reliability Budget Status Updates

Distribution Funding Project	Sum of YTD Actuals	Sum of YTD Budget	Sum of YTD Variance
Internal (F1PPDA0198)	\$708,385	\$735,263	(\$26,878)
DA Acceleration / Sectionalization (F1PPDA1250)	\$36,828	\$245,926	(\$209,098)
Focus (F1PPDA1750)	(\$167,844)	\$257,531	(\$425,375)
Outage Causal Analysis (F1PPDA2650)	\$0	\$17,556	(\$17,556)
100% Lateral, FIN & Other Strategic Reliability (F1PPU25021)	\$7,362,759	\$5,826,058	\$1,536,701
Equipment Inspection & Maintenance (F1PPDA0598)	\$17,642	\$25,554	(\$7,912)
Backbone (F1PPDA0989)	\$513,297	\$130,093	\$383,204
Underground Safety, Network Improvement & Replacement (F1PPDA1550, F1PPU25008, F1PPUA5002)	\$619,904	\$978,845	(\$358,941)
Pole Program (F1PPUA5001)	\$1,958,060	\$952,516	\$1,005,544
Grid Mod Make Ready Work (F1PPUMKRED)	\$5,264	\$48,450	(\$43,186)
Conti Street Reconstruction (F1PPU27263)	\$1,203,719	\$337,588	\$1,380,156
<b>Total</b>	<b>\$12,258,014</b>	<b>\$9,555,380</b>	<b>\$2,702,634</b>

**Note:** We are ahead of our year-to-date target on spending due to front loading reliability work before storm season that did not align with the budget as originally projected. Our pole budget was overrun with additional spend in the Algiers area in conjunction with work done by Entergy Louisiana. We had a large accrual from end of 2020 reversed resulting in the negative spend in Focus.

## 2021 Transmission Reliability Project Status Updates

WO #s	Substation	Project Status	Work Description	Construction Start Date	EST ISD	Actual ISD	Estimated 2021 Project Cost	YTD Actuals at end of July 2021
C6PPGR0152	CURRAN	Complete	Upgrade SCADA RTU	2/1/2021	2/5/2021	2/23/2021	\$ 195,500	\$ 75,382
C6PPBU1529	NAPOLEON	Complete	Replace SEL-287 V with SEL-451 230kV Cap Bank Relay	1/18/2021	1/29/2021	3/8/2021	\$ 330,000	\$ 70,291
C6PPBU1553	NAPOLEON	Complete	Upgrade the D20 Supervisory Control Data Acquisition (SCADA)	1/1/2021	1/31/2021	3/22/2021	\$ 207,500	\$ 103,737
C6PPBU1490	PAUGER	Complete	Replace the SCADA Remote Terminal Units (RTU) with an RTU	11/30/2020	12/11/2020	4/19/2021	\$ 166,500	\$ 103,121
C6PPGR0153	SHERWOOD FOREST	Complete	Replace/upgrade SCADA RTU Type: D-20 ME (Non-Outage)	3/1/2021	3/5/2021	4/22/2021	\$ 126,000	\$ 39,565
C6PPGR0164	NOTRE DAME	Complete	Replace / Upgrade SCADA RTU Type: D-20	3/1/2021	3/31/2021	5/17/2021	\$ 143,000	\$ 45,663
C6PPGR0140	DERBIGNY	Complete	Replace 1513-2 Feeder Breaker	1/11/2021	1/22/2021	5/28/2021	\$ 292,000	\$ 154,230
C6PPGR0089	MARKET 230	Complete	Install Only - Replace 230kv OCB N2117	4/12/2021	5/21/2021	6/2/2021	\$ 383,000	\$ 182,205
C6PPGR0184	MARKET 230	Complete	Replace 230kv OCB N2111	5/21/2021	5/21/2021	6/2/2021	\$ 330,000	\$ 285,888
C6PPGR0227	MARKET 230	Complete	AT1 Life Extension	4/12/2021	5/21/2021	6/2/2021	\$ 489,500	\$ 720,392
C6PPBU1552	JOLIET	Complete	Replace / Upgrade SCADA RTU Type: D-20	6/7/2021	3/31/2022	7/27/2021	\$ 104,500	\$ 176,850
C6PPBU1571	NOTRE DAME	In Progress	Add 3 DGA Monitor	8/31/2021	9/4/2021		\$ 182,500	\$ -
C6PPGR0165	DERBIGNY	In Progress	Replace OCB Main Breaker 15T2-6 and Disconnects	10/18/2021	11/12/2021		\$ 242,000	\$ 140,145
C6PPGR0142	DERBIGNY	In Progress	Replace 24kv OCB 1509-2	10/18/2021	11/12/2021		\$ 242,000	\$ 10,518
C6PPGR0158	SHERWOOD FOREST	In Progress	Replace Transformer T2	10/11/2021	11/19/2021		\$ 852,000	\$ 150,508
C6PPGR0143	MARKET 230	In Progress	Replace 230kv OCB N7209	11/8/2021	11/26/2021		\$ 330,000	\$ 145,780
C6PPGR0217	AVENUE C	In Progress	Replace T2 (with a 115-13.8kV 40MVA LTC)	9/1/2021	11/26/2021		\$ 825,000	\$ 44,029
C6PPGR0183	PONTCHARTRAIN PARK	In Progress	Replace SCADA RTU (Westronic)	11/12/2021	11/30/2021		\$ 104,500	\$ 48,044
C6PPBU1549	HOLIDAY	In Progress	Upgrade SCADA RTU (GE Energy Svcs)	12/10/2021	12/30/2021		\$ 104,500	\$ 27,524
C6PPGR0216	PAUGER	In Progress	Add Two (2) DGA Monitors	3/1/2021	3/31/2022		\$ 138,000	\$ -
C6PPGR0215	LOWER COAST	In Progress	T2 (Life extension-add oil filtration, complete rebuild of LTC)	10/11/2021	3/31/2022		\$ 660,000	\$ -
F1PPU51158	Gulf Outlet 115kV: Inst Cap Ba	Complete	Install new capbank	5/1/2020	12/1/2020	9/26/2020	\$ 45,874	\$ 83,137
F1PPUX4897	Tricou- Energize Xfmr T2	Complete	Install new Transformer	2/15/2020	12/31/2020	11/23/2020	\$ 316,359	\$ 296,854
F1PPU75782	Upgrade Ave C - Paris Tap line	In Progress	Upgrade TLine and switches and bus work at Ave. C.	TBD	6/1/2022	TBD	\$ 553,782	\$ 114,597
F1PPU51353	Lower Coast 230kV- Add Breaker	In Progress	Install high side breakers	TBD	6/1/2022	TBD	\$ 4,664,394	\$ 1,093,114
F1PPU51248	Curran 230kV- Add Breaker	In Progress	Install high side breakers	TBD	6/1/2023	TBD	\$ 2,520,777	\$ 543,631

**CERTIFICATE OF SERVICE**

**Docket No. UD-17-04**

I hereby certify that I have served the required number of copies of the foregoing report upon all other known parties of this proceeding, by the following: electronic mail, facsimile, overnight mail, hand delivery, and/or United States Postal Service, postage prepaid.

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New Orleans, Louisiana, this 29<sup>th</sup> day of September 2021.



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Courtney R. Nicholson