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

March 29, 2022

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, LLC 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 December 31, 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 AS DECEMBER 31, 2021**

Entergy New Orleans, LLC (“ENO”) respectfully submits this Reliability Project Status Report to provide the Council with an update through December 31, 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 despite significant challenges. Of the 13 feeders planned for 2021: 7 are completed, 4 are in construction, and 2 are not yet started. The 6 incomplete feeders will be carried over to 2022. Following the significant number of hurricanes that affected Louisiana in 2020, we front-loaded 2021 with our contract crews to complete as much work as possible prior to storm season beginning. As noted above, 2021 brought significant challenges to ENO’s reliability work, as we endured another historic hurricane year for Louisiana. Hurricane Ida impacted our ability to maintain contract and network crews at a consistent level in the fourth quarter as they were assisting with storm restoration. As work is rebalanced for 2022, we will ramp up with an estimated 11 contract crews to start the new 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 as well as investigating repeat outages to assess and repair the fundamental cause of the outage. The crew completed work on more than 17 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 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 61% of reclosers are on the automated network. We have also completed installation of three new reclosers with the remaining two moved into 2022.

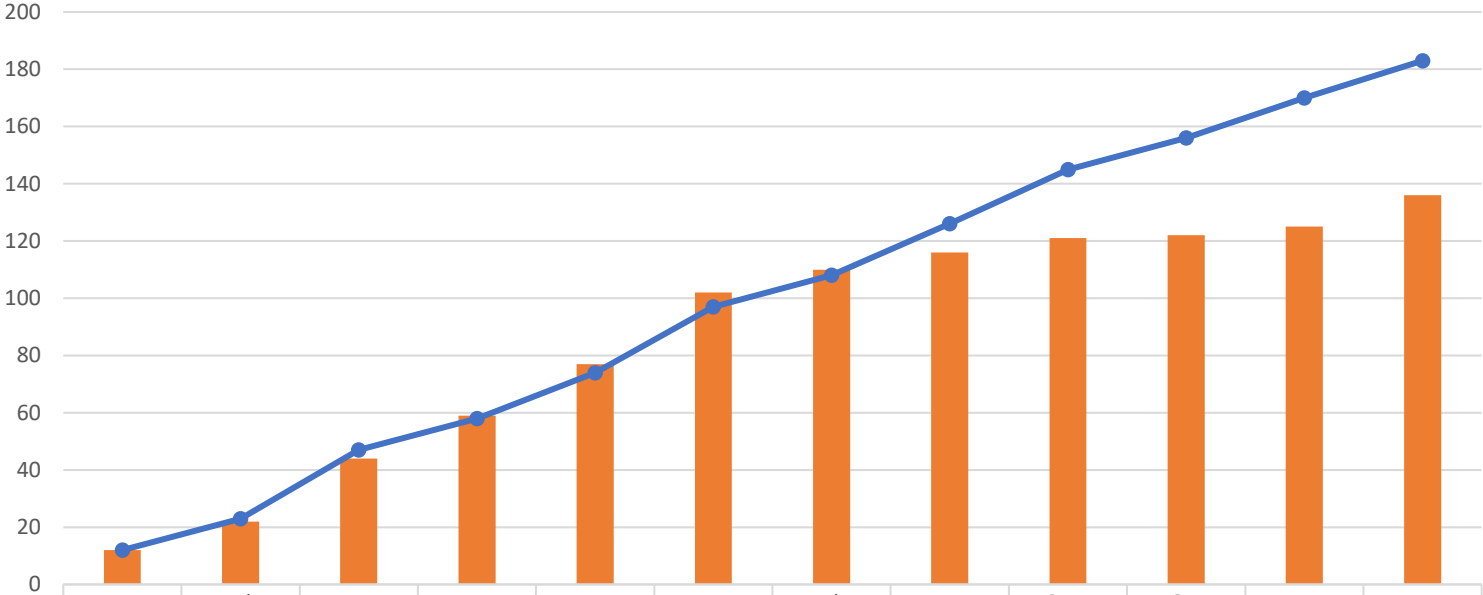
In the Underground program, while working in conjunction with planned transmission/substation work, we identified work to be performed on three sets of substation exit cables that could yield significant reliability benefits, reducing the potential for customer interruptions. These are the points where power leaves the substation, and a fault could affect many customers. One of these projects is complete and the other two will be moved to 2022.

The Central Business District (CBD) Mesh Network Action Plan was developed mid-2021 and is underway. A total of 12 transformers were replaced in 2021. We have sampled oil on 6 transformers and are continuing to evaluate options for fire protection to be installed.

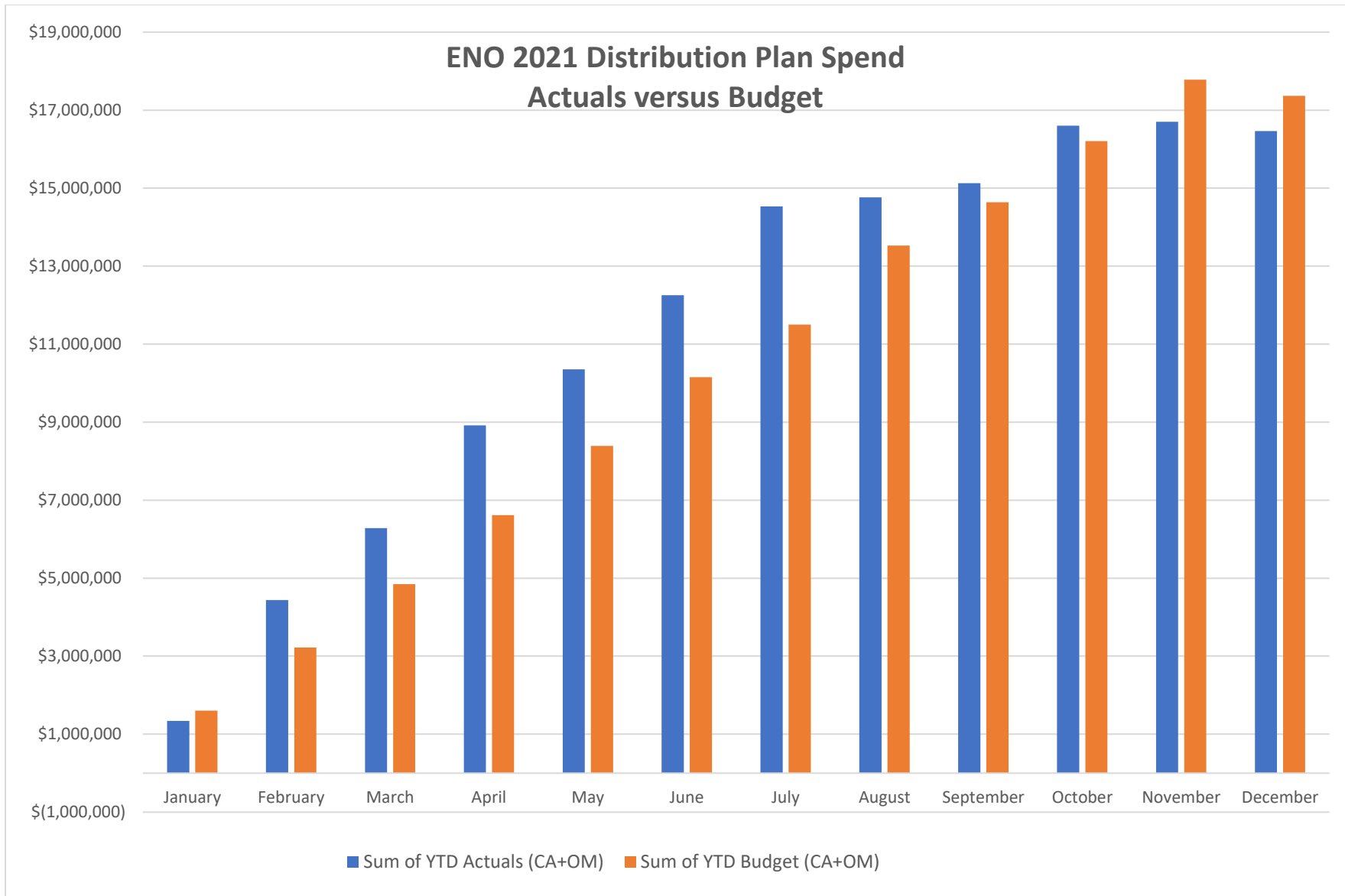
Also attached hereto is a schedule of Transmission reliability projects scheduled to be worked in 2021, with costs incurred through December 2021.

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	59	77	102	110	116	121	122	125	136
Target Complete	12	23	47	58	74	97	108	126	145	156	170	183



ENO 2021 Distribution Plan Spend Actuals versus Budget			
Funding Project	Sum of YTD Actuals	Sum of YTD Budget	Sum of YTD Variance
Internal (F1PPDA0198)	\$ 1,172,133	\$ 1,841,769	\$ (669,635)
DA Acceleration / Sectionalization (F1PPDA1250)	\$ 288,031	\$ 491,878	\$ (203,847)
Focus (F1PPDA1750)	\$ (122,645)	\$ 515,569	\$ (638,214)
Outage Causal Analysis (F1PPDA2650)	\$ -	\$ 27,012	\$ (27,012)
100% Lateral, FIN & Other Strategic Reliability (F1PPU25021)	\$ 9,240,889	\$ 9,325,226	\$ (84,337)
Equipment Inspection & Maintenance (F1PPDA0598)	\$ 12,061	\$ 49,830	\$ (37,769)
Backbone (F1PPDA0989)	\$ 595,621	\$ 260,121	\$ 335,500
Underground Safety, Network Improvement & Replacement (F1PPDA1550, F1PPU25008, F1PPUA5002)	\$ 1,087,744	\$ 1,965,295	\$ (877,551)
Pole Program (F1PPUA5001)	\$ 2,338,718	\$ 1,909,717	\$ 429,001
Grid Mod Make Ready Work (F1PPUMKRED)	\$ 7,422	\$ 96,900	\$ (89,478)
Conti Street Reconstruction (F1PPU27263)	\$ 2,347,487	\$ 1,873,212	\$ 474,274
NOLA CBD Transformer Change Project	\$ 1,185,095	\$ 2,000,000	\$ (814,905)
Total	\$ 18,152,556	\$ 20,356,529	\$ (2,203,973)

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 December 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 RTAC	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	\$ 46,198
C6PPGR0140	DERBIGNY	Complete	Replace 1513-2 Feeder Breaker	1/11/2021	1/22/2021	5/28/2021	\$ 292,000	\$ 158,316
C6PPGR0089	MARKET 230	Complete	Install Only - Replace 230kv OCB N2117	4/12/2021	5/21/2021	6/2/2021	\$ 383,000	\$ 210,873
C6PPGR0184	MARKET 230	Complete	Replace 230kv OCB N2111	5/21/2021	5/21/2021	6/2/2021	\$ 330,000	\$ 328,338
C6PPGR0227	MARKET 230	Complete	AT1 Life Extension	4/12/2021	5/21/2021	6/2/2021	\$ 489,500	\$ 728,152
C6PPBU1552	JOLIET	Complete	Replace / Upgrade SCADA RTU Type: D-20	6/7/2021	6/18/2021	7/27/2021	\$ 104,500	\$ 187,723
C6PPGR0216	PONTCHARTRAIN PARK	Complete	Replace SCADA RTU (Westronic)	11/12/2021	11/30/2021	11/12/2021	\$ 104,500	\$ 91,595
C6PPGR0217	SHERWOOD FOREST	Complete	Replace Transformer T2	10/11/2021	11/19/2021	12/10/2021	\$ 852,000	\$ 978,852
C6PPGR0183	MARKET 230	Complete	Replace 230kv OCB N7209	11/8/2021	11/26/2021	12/10/2021	\$ 330,000	\$ 288,040
C6PPGR0215	HOLIDAY	Complete	Upgrade SCADA RTU (GE Energy Svcs)	12/10/2021	12/30/2021	12/17/2021	\$ 104,500	\$ 55,443
C6PPGR0142	DERBIGNY	Deferred	Replace OCB Main Breaker 15T2-6 and Disconnects	10/18/2021	11/12/2021		\$ 242,000	\$ 161,780
C6PPGR0158	DERBIGNY	Deferred	Replace 24kv OCB 1509-2	10/18/2021	11/12/2021		\$ 242,000	\$ 73,695
C6PPBU1549	AVENUE C	Deferred	Replace T2 (with a 115-13.8kV 40MVA LTC)	9/1/2021	11/26/2021		\$ 825,000	\$ 290,222
C6PPCTMP15	NOTRE DAME	Canceled	Add 3 DGA Monitor	12/1/2021	12/31/2021		\$ 182,500	\$ 383,293
C6PPBU1571	PAUGER	Deferred	Add Two (2) DGA Monitors	3/1/2022	3/31/2022		\$ 138,000	\$ -
C6PPGR0143	LOWER COAST	Deferred	T2 (Life extension-add oil filtration, complete rebuild of LTC, re	10/11/2022	11/19/2022		\$ 660,000	\$ 60,425
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	\$ 186,454
F1PPU51353	Lower Coast 230kV- Add Breaker	In Construction	Install high side breakers	TBD	6/1/2022	TBD	\$ 4,664,394	\$ 5,042,307.00
F1PPU51248	Curran 230kV- Add Breaker	In Construction	Install high side breakers	TBD	6/1/2023	TBD	\$ 2,520,777	\$ 2,617,265

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 29th day of March 2022.



Courtney R. Nicholson