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March 31, 2023

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") Fourth Quarter 2022 Reliability Plan Project Status Report through December 31, 2022, 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,

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, 2022**

Entergy New Orleans, LLC (“ENO”) respectfully submits this Reliability Project Status Report to provide the Council with an update through December 31, 2022, on progress regarding ENO’s 2022 Reliability Plan.

ENO continues to make progress on its 100% backbone and lateral inspection and repair program. Of the twenty-seven (27) feeders planned for work in 2022 (including six (6) carried over from 2021 and one (1) pulled forward from 2023) fifteen (15) are complete, and twelve (12) are in construction to be carried over to 2023.

ENO’s Fix-It-Now (“FIN”) reliability crew continues to perform inspections to identify and prevent outages that could result from imminent failure conditions, including infrared inspections of distribution facilities, annual equipment inspections, and other targeted facility inspections. In addition, FIN investigates repeat outages to assess and repair the fundamental cause of the outage if the repair needs cannot be worked into the network crews’ two-week schedule. The crew completed work on twenty-nine (29) locations in the city during 2022.

Our 2022 cyclical pole inspections began in July and were completed in September after inspecting over 12,000 poles on twenty-two (22) feeders in the ENO service area. Poles deemed deficient in the inspections are either restored or replaced.¹

In the Distribution Automation Acceleration program, work has continued to connect existing reclosers to the growing communications network. Currently, approximately 68% of reclosers are on the automated network, allowing many types of transient faults to be resolved

¹ With respect to poles selected for restoration, a steel member (a “C-Truss”) is installed adjacent to the pole and then attached to the base of the pole in a manner to regain, at minimum, the original strength of the pole, or the pole is treated based on its condition. Poles that cannot be restored are flagged for replacement.

through remote operations. We also completed installation of six (6) new reclosers and twenty-nine (29) new trip savers this year.

In the Underground program, while working in conjunction with planned transmission/substation work, ENO identified work to be performed on three (3) 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 (1) of these projects was completed in 2021, another was completed in August of 2022, and the remaining one (1) is scheduled to be completed Q1 2023.

The Central Business District (CBD) Mesh Network Action Plan was developed mid-2021. All fifteen (15) of the transformers originally planned to be replaced in 2022 were completed. Two (2) additional transformers originally planned for 2023 were also completed in 2022.

Also attached hereto is a project status update of Transmission reliability projects that were scheduled to be worked in 2022, with costs incurred through December 2022.

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

**ENO 2022 Distribution Plan Spend
Actuals versus Budget**

Funding Project	Sum of YTD Actuals	Sum of YTD Budget	Sum of YTD Variance
Internal (F1PPDA0198)	\$ 949,222	\$ 2,445,286	\$ (1,496,064)
DA Acceleration / Sectionalization (F1PPDA1250 and F1PPU28007)	\$ 1,126,524	\$ 1,331,306	\$ (204,782)
Focus (F1PPDA1750)	\$ 11,176	\$ 790,488	\$ (779,312)
FIN & Other Strategic Reliability (F1PPU25021)	\$ 10,325,935	\$ 4,778,647	\$ 5,547,288
100% Lateral Program (F1PPU28054)	\$ 16,534,407	\$ 14,393,638	\$ 2,140,768
Equipment Inspection & Maintenance (F1PPDA0598)	\$ 35,494	\$ 252,900	\$ (217,406)
Backbone (F1PPDA0989)	\$ -	\$ 480,654	\$ (480,654)
Underground Safety, Network Improvement & Replacement (F1PPDA1550, F1PPU25008, F1PPUA5002)	\$ 822,168	\$ 3,443,167	\$ (2,620,998)
Pole Program (F1PPUA5001)	\$ 1,881,664	\$ 3,934,287	\$ (2,052,623)
Grid Mod Make Ready Work (F1PPUMKRED)	\$ 25,367	\$ -	\$ 25,367
Conti Street Reconstruction (F1PPU27263)	\$ 282,175	\$ 1,738,781	\$ (1,456,606)
NOLA CBD Transformer Change Project	\$ 3,575,519	\$ 4,143,434	\$ (567,915)
New Orleans City Hall Project	\$ 38,443	\$ -	\$ 38,443
ENO EV Public Charging Pilot	\$ 292,083	\$ 19	\$ 292,064
Total	\$ 35,900,176	\$ 37,732,606	\$ (1,832,431)

2022 Transmission Reliability Project Status Updates

WO #s	Substation	Project Status	Work Description	Construction Start Date	EST ISD	Actual ISD	Estimated 2022 Project Cost	December YTD Actuals
C6PPBU1678	AVENUE C	Complete	Replace T4	4/11/2022	6/3/2022	6/3/2022	\$ 1,683,686	\$ 2,335,978
C6PPGR0290	DERBIGNY	Complete	RTU Renewal SCADA WESTRONIC	5/2/2022	6/30/2022	6/13/2022	\$ 125,400	\$ 281,135
C6PPGR0300	SHERWOOD FOREST	Complete	BREAKER REPLACEMENT - 1611-2	10/11/2022	10/22/2022	8/1/2022	\$ 244,200	\$ 275,530
C6PPGR0301	SHERWOOD FOREST	Complete	BREAKER REPELACEMENT - 1603-2	7/23/2022	9/30/2022	8/9/2022	\$ 244,200	\$ 238,895
C6PPGR0319	TRICOU	Complete	Add TransGard Laser System Animal Mitigation	7/5/2022	8/31/2022	8/30/2022	\$ 112,000	\$ 386,039
C6PPGR0142	DERBIGNY	Complete	Replace OCB Main Breaker 15T2-6 and Disconnects	9/26/2022	11/4/2022	10/28/2022	\$ 290,400	\$ 427,511
C6PPGR0158	DERBIGNY	Complete	Replace 24kV OCB 1509-2	9/26/2022	11/4/2022	10/28/2022	\$ 290,400	\$ 385,642
C6PPGR0214	DELTA	Complete	Upgrade SCADA RTU	10/24/2022	11/17/2022	11/4/2022	\$ 125,400	\$ 190,208
C6PPBU1549	AVENUE C	In Construction	Replace T2 (with a 115-13.8kV 40MVA LTC)	10/14/2022	1/31/2023		\$ 1,096,920	\$ 781,471
C6PPBU1679	AVENUE C	Deferred	RTU - SCADA - WESTRONIC	10/14/2022	1/31/2023		\$ 125,400	\$ 159,476
C6PPGR0143	LOWER COAST	In Construction	T2 (Life extension)	10/17/2022	1/31/2023		\$ 792,000	\$ 823,187
C6PPGR0291	GENTILLY	Deferred	RTU - SCADA - WESTRONIC	2/1/2023	2/28/2023		\$ 125,400	\$ 104,955
C6PPGR0302	TRICOU	Deferred	Transformer Life Extension T4	3/1/2023	2/28/2023		\$ 561,000	\$ -
C6PPGR0283	CLAIBORNE	In Construction	Claiborne - Control House refurbishment and interior house additions.	1/23/2023	6/2/2023		\$ 43,560	\$ 81,024
F1PPU51353	Lower Coast 230kV- Add Breaker	Complete	Install high side breakers	9/1/2021	6/1/2022	6/15/2022	\$ 2,200,793	\$ 2,251,729
F1PPU75943	Norfolk TLine ROW	Complete	TLine ROW cost		12/31/2022	6/20/2022	\$ 2,794,198	\$ 1,758,749
F1PPU76026	9Mile - ENO River Crossing Upgrades	Complete	Tower Analysis and Hardening		6/1/2024	10/15/2022	\$ 198,861	\$ 2,686,753
F1PPU75782	Upgrade Ave C - Paris Tap line	In Construction	Upgrade TLine and switches and bus work at Ave. C.	3/1/2022	12/1/2022		\$ 1,562,928	\$ 1,533,504
F1PPU51248	Curran 230kV- Add Breaker	In Construction	Install high side breakers	11/1/2021	6/1/2024		\$ 5,393,774	\$ 5,989,842
F1PPU75835	Sherwood Forrest	In Process	Install high side breakers	TBD	6/1/2025		\$ 629,305	\$ 722,140

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 31st day of March 2023.



Courtney R. Nicholson