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April 15, 2025

Via Electronic Delivery
Clerk of Council
City Hall - Room 1E09
1300 Perdido Street
New Orleans, LA 70112

Re: CNO Docket No. UD-17-04: Electric System Distribution Reliability Standards ("ESDRS) 2024 Annual Compliance Filing pursuant to Resolution R-23-73

Dear Clerk of Council:

Please find enclosed for further handling Entergy New Orleans, LLC's ("ENO") 2024 ESDRS Compliance Filing, submitted pursuant to Resolution R-23-73. This filing provides 2024 SAIFI and SAIDI calculations for ENO's distribution and transmission systems, distribution system SAIFI and SAIDI for each of ENO's distribution feeders, and identification of the lowest five percent of feeders based on annual SAIFI performance, along with the Company's proposed plan, budget, and schedule to improve performance of those feeders, as well as an alternative methodology for determining and addressing the lowest performing feeders.

Additionally, the distribution and transmission system outage data sets for the period of January 1, 2024, through December 31, 2024 are being provided to the Council's Advisors bearing the designation "Highly Sensitive Protected Materials" pursuant to the terms and conditions of the Official Protective Order adopted in Council Resolution R-07-432.

ENO submits this filing electronically and will submit the requisite original and number of hard copies as directed. 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.

Best Regards,

Lacresha Wilkerson

Enclosures
cc: All Councilmembers
Council Utilities Regulatory Office
Council Advisors

BEFORE THE

COUNCIL OF THE CITY OF NEW ORLEANS

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	**)**	**DOCKET NO. UD-17-04**

ENTERGY NEW ORLEANS, LLC'S 2024 ESDRS COMPLIANCE FILING

Entergy New Orleans, LLC ("ENO" or the "Company") respectfully submits this annual filing in compliance with Resolution R-23-73, which was adopted by the Council of the City of New Orleans (the "Council") on February 16, 2023, and approved the Electric System Distribution Reliability Standards ("ESDRS"). The ESDRS require ENO to provide in an ESDRS Annual Compliance Filing a data set including all distribution system and transmission system outages for the reporting year, SAIFI and SAIDI calculations for ENO's distribution and transmission systems, distribution system SAIFI and SAIDI for each of ENO's distribution feeders, and identification of the lowest five percent of feeders based on annual SAIFI performance, along with the Company's proposed plan, budget, and schedule to improve the lowest performing feeders. Resolution R-23-73 also requires ENO to provide an "alternative methodology for determining and addressing the lowest performing feeders and how that ranking compares with the Council's current proposed methodology, in its ESDRS compliance filing."[1] This filing addresses these requirements.

[1] The Council recognized in Resolution R-23-73 that ENO's arguments may have merit with respect to the determination and evaluation of poor performing feeders, and rather than delay implementation of the ESDRS, the Council chose to receive information in ENO's first ESDRS Annual Compliance Filing.

I. 2024 Reliability Performance

Under the ESDRS, the minimum annual performance level for distribution system SAIFI, measured annually and with respect to the Company's entire service territory, is 1.53. The minimum annual performance level for distribution SAIDI is 178.2. Table 1 below sets forth the Company's distribution and transmission system SAIFI and SAIDI calculations for the period of January 1, 2024, through December 31, 2024, and shows that ENO met annual minimum performance levels for that period:

TABLE 1

ENO'S 2024 ELECTRIC SYSTEM PERFORMANCE		
	SAIFI	SAIDI
Distribution	1.18	132.3
Transmission	0.39	45.3

In further compliance with the ESDRS and Resolution R-23-73, the Company is attaching the following information:

1. Distribution and Transmission System Outage Data Sets;[2]
2. Distribution System SAIFI and SAIDI Calculations for ENO's Distribution Feeders;[3] and
3. Identification and Plans (Both Current and Proposed Alternative Methodology) for the Lowest 5% Performing Feeders.[4]

[2] This data may include Highly Sensitive Protected Material ("HSPM") and, accordingly, are being provided to be the Council's Advisors bearing the HSPM designation pursuant to the terms and conditions of the Official Protective Order adopted in Council Resolution R-07-432.
[3] Data reflects time period from January 1, 2024, through December 31, 2024.
[4] Data reflects modified time period from October 1, 2023, through September 30, 2024.

II. ENO's Proposed Alternative Methodology Identifying Lowest Performing Feeders

Under the ESDRS, the "poor performing feeders" are evaluated solely on the annual feeder-specific SAIFI scores, and the Company could be penalized up to $500,000 annually for failing to "measurably improve" the "poor performing feeders" after implementation of a targeted improvement plan. The Company respectfully submits that the method for identifying those feeders could be more holistic than simply an evaluation of a feeder's SAIFI score. Because the customer counts on feeders can change significantly throughout the year due to field switching, the SAIFI for a feeder may not accurately represent the performance of the feeder.

Instead, ENO proposes the following alternative methodology that may be a more appropriate representation of feeder performance based on customer interruptions. Both the original and alternate feeder lists provided with this filing reflect the distribution line view of SAIFI that ENO has traditionally reported. But the proposed alternative methodology also excludes outages due to scheduled interruptions and emergency switching. These outages reflect the work being undertaken to improve reliability and the Company's continued use of enhanced safety practices that are designed to reduce the risk of electrical contact and arc-flash injuries when performing work on or near primary wires by requiring de-energization of all or portions of a work area. These safety practices help ENO maintain a safe work environment for its employees and contractors, but the protocols can contribute to increased outage frequency and/or duration. Although outages accompanying planned work may increase the feeder SAIFI as the Company completes the projects in a safe manner, this work helps improve system reliability over the long run.

ENO's proposed alternative therefore allows for consideration of specific issues that put outage data into proper context. For example, feeder 1608 is the worst performing feeder according to the original ESDRS methodology with a feeder SAIFI of 16.099; however, this feeder only

experienced a total of twelve outages during the reporting period, of which only one outage impacted all customers associated with this feeder, with the remaining eleven outages impacting only a portion of these customers. Due to temporary reconfiguration at the time of three of these outages and the impact this has upon the SAIFI calculation, the feeder SAIFI exceeds the total outage count and suggests that the average customer on this feeder experienced 16 outages, which is not accurate. Under the alternate methodology that can consider the impact of any temporary changes to a feeder, feeder 1608 has a recalculated feeder SAIFI of 4.930, which more accurately shows the outages experienced by the average customer associated with this feeder.

Respectfully submitted,

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ATTORNEYS FOR
ENTERGY NEW ORLEANS, LLC

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.

Lacresha Wilkerson

BEFORE THE

COUNCIL OF THE CITY OF NEW ORLEANS

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	**)**	**DOCKET NO. UD-17-04**

ATTACHMENT 1

DISTRIBUTION AND TRANSMISSION SYSTEM OUTAGE DATA SETS

HIGHLY SENSITIVE PROTECTED MATERIALS

INTENTIONALLY OMITTED

APRIL 2025

BEFORE THE

COUNCIL OF THE CITY OF NEW ORLEANS

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	**)**	**DOCKET NO. UD-17-04**

ATTACHMENT 2

DISTRIBUTION SYSTEM SAIFI AND SAIDI CALCULATIONS FOR ENO'S DISTRIBUTION FEEDERS

APRIL 2025

Electrical System Distribution Reliability Standards

Docket No. UD-17-04

Entergy New Orleans

Feeder Distribution SAIFI and SAIDI

January 1, 2024 - December 31, 2024

Feeder	Customers Served	SAIFI	SAIDI
182	7	0.286	32.1
245	1	1.000	1682.0
246	3	0.000	0.0
247	90	0.000	0.0
249	9	0.000	0.0
256	8	0.000	0.0
257	1	0.000	0.0
259	48	0.000	0.0
268	1	0.000	0.0
269	1	0.000	0.0
281	73	0.000	0.0
282	2	0.000	0.0
284	2	0.000	0.0
288	1,254	0.000	0.0
400	317	3.918	381.5
401	603	0.595	127.6
402	560	1.739	114.3
403	632	2.272	482.1
404	476	1.300	182.9
405	534	1.125	85.5
406	752	1.270	213.5
407	1,117	1.545	186.0
408	879	1.005	258.7
409	1,532	0.236	73.9
410	1,097	0.380	75.4
411	998	0.348	85.1
412	139	3.129	895.9
413	601	1.945	428.1
501	732	1.096	39.2
502	668	0.757	162.2
503	1,520	1.359	179.5
505	845	0.779	159.6
506	1,211	0.522	74.0
507	6	1.000	33.7
508	534	2.182	171.7
509	576	1.066	188.1
510	1,075	1.567	316.9
512	1,144	0.090	24.0

Electrical System Distribution Reliability Standards

Docket No. UD-17-04

Entergy New Orleans

Feeder Distribution SAIFI and SAIDI

January 1, 2024 - December 31, 2024

Feeder	Customers Served	SAIFI	SAIDI
513	95	0.874	275.7
611	2,168	0.882	102.7
612	135	0.504	33.7
613	1,803	2.667	160.5
614	2,385	2.890	301.0
615	2,386	0.361	69.3
616	173	1.405	133.9
617	772	0.541	134.6
621	1,100	2.103	387.3
622	2,040	1.830	94.0
623	3,110	1.216	117.7
624	1	1.000	403.0
625	354	4.576	488.0
626	771	0.497	77.8
627	1,941	2.535	298.9
902	41	1.415	90.8
903	1,982	1.442	166.4
904	2,334	0.320	54.4
906	1	0.000	0.0
907	2,405	2.723	74.1
911	2,259	0.126	13.9
912	2,045	1.460	136.9
1001	1,705	1.072	177.0
1002	632	1.229	126.3
1009	24	0.167	35.7
1010	1,058	1.388	117.3
1202	90	0.278	31.0
1203	53	0.717	154.7
1204	737	2.022	344.9
1205	2,498	3.956	180.5
1500	80	0.038	9.9
1501	10	1.700	205.0
1502	2	0.000	0.0
1503	19	0.000	0.0
1504	32	0.000	0.0
1505	1	0.000	0.0
1506	23	0.087	9.0
1509	10	0.000	0.0

Electrical System Distribution Reliability Standards

Docket No. UD-17-04

Entergy New Orleans

Feeder Distribution SAIFI and SAIDI

January 1, 2024 - December 31, 2024

Feeder	Customers Served	SAIFI	SAIDI
1510	23	0.957	263.2
1511	17	0.059	16.1
1512	3,100	0.484	76.7
1513	2,209	1.127	173.4
1515	10	0.000	0.0
1541	2	0.000	0.0
1543	31	2.129	252.5
1551	26	0.231	57.8
1552	21	0.000	0.0
1553	1,332	0.563	45.7
1554	1,425	1.346	66.8
1555	1	0.000	0.0
1601	1,416	0.344	51.3
1602	801	0.037	9.1
1603	170	0.329	40.4
1604	1,448	0.713	209.1
1605	651	2.014	51.3
1607	1,997	0.316	34.7
1608	71	15.732	3024.7
1609	795	0.596	72.3
1610	930	4.387	236.0
1611	1,066	0.120	33.4
1612	762	3.923	464.8
1613	410	0.871	227.1
1701	74	1.473	425.1
1702	1,496	1.084	136.6
1703	2,223	0.335	77.1
1704	1,934	0.845	104.3
1705	1,025	0.464	95.8
1708	882	0.455	50.0
1709	2,166	1.107	34.9
1710	2,127	1.134	91.7
1711	1,438	2.087	82.0
1712	1,772	0.328	50.2
1713	76	0.000	0.0
1821	3	0.000	0.0
1822	2	4.000	158.0
1823	4	0.000	0.0

Electrical System Distribution Reliability Standards

Docket No. UD-17-04
Entergy New Orleans

Feeder Distribution SAIFI and SAIDI
January 1, 2024 - December 31, 2024

Feeder	Customers Served	SAIFI	SAIDI
1824	4	0.000	0.0
1825	145	0.000	0.0
1826	637	0.002	0.5
1827	1	0.000	0.0
1828	453	0.000	0.0
1843	16	0.000	0.0
1844	2	0.000	0.0
1845	68	0.000	0.0
1846	14	0.000	0.0
1847	2	0.000	0.0
1911	1,312	0.907	208.6
1912	821	0.987	151.0
1913	1,596	0.211	48.9
1914	1,640	0.984	166.0
1915	1,805	0.213	44.7
1916	1,950	0.673	141.3
1917	1,828	0.238	70.7
1921	1,698	0.287	27.8
1922	1,572	0.583	93.9
1923	1,752	2.390	419.5
1924	2,541	0.464	86.6
1925	2,259	0.340	57.9
1926	1,142	0.619	100.0
1927	815	1.033	113.2
2011	371	1.709	254.3
2012	1,750	1.011	83.6
2013	2,347	3.494	289.3
2014	2,245	0.143	32.9
2015	1,501	0.494	59.8
2016	2,001	1.065	201.9
2017	1,031	0.837	249.4
2021	1,218	1.074	150.1
2022	577	0.255	19.9
2024	627	1.453	108.4
2025	2,379	4.112	265.0
2026	364	6.635	347.9
2027	90	0.000	0.0
2115	25	0.000	0.0

Electrical System Distribution Reliability Standards

Docket No. UD-17-04
Entergy New Orleans

Feeder Distribution SAIFI and SAIDI
January 1, 2024 - December 31, 2024

Feeder	Customers Served	SAIFI	SAIDI
2132	2,819	2.281	175.1
2135	2,835	2.337	283.6
2137	2,052	4.564	267.2
2142	1,330	3.530	194.4
2144	526	0.000	0.0
2146	2,024	0.670	104.1
2147	2,124	1.401	106.5
2211	1,877	2.624	159.3
2212	1,936	0.788	144.6
2213	1,571	1.066	84.8
2214	1,319	1.407	234.6
2215	2,207	1.723	84.8
2216	2,159	0.578	90.5
2217	1,807	1.182	92.1
2223	1,671	3.031	425.3
2325	734	0.015	0.2
2326	36	0.000	0.0
2344	1	0.000	0.0
2345	671	4.009	437.7
2346	2,351	1.053	54.2
2347	2,394	1.746	679.1
6911	1	0.000	0.0
6912	1	0.000	0.0
B0525	227	0.449	67.4
B0526	768	0.315	74.4
B0527	2,398	1.492	393.6
W0112	830	0.424	39.0
W0115	2,044	0.413	39.2
W0118	1,433	0.495	108.1
W0712	1,088	0.753	90.4
W0713	2,661	0.038	8.0
W0714	646	5.138	172.6
W0715	2,564	1.495	160.3
W0722	1,062	0.460	99.5
W0723	661	4.617	465.0
W0725	1,553	2.761	146.4
W0726	469	1.687	221.3
W1712	3,043	0.009	0.5

Electrical System Distribution Reliability Standards

Docket No. UD-17-04

Entergy New Orleans

Feeder Distribution SAIFI and SAIDI

January 1, 2024 - December 31, 2024

Feeder	Customers Served	SAIFI	SAIDI
W1715	931	0.003	0.7
W1722	1,412	1.001	167.3
W1724	5,350	0.120	33.0
W1725	1,717	0.102	9.2
W1726	1,770	2.605	203.5

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ATTACHMENT 3

IDENTIFICATION AND PLANS FOR (BOTH CURRENT AND PROPOSED ALTERNATIVE METHODOLOGY) FOR THE LOWEST 5% PERFORMING FEEDERS

APRIL 2025

Electrical System Distribution Reliability

Docket No. UD-17-04

Entergy New Orleans

12 Feeders (5%) with Highest SAIFI October 1, 2023 - September 30, 2024			
Ranking	Feeder	Customers Served	SAIFI
1	1608	71	16.169
2	1612	762	12.007
3	2026	364	6.519
4	2142	1,330	5.591
5	616	173	5.156
6	W0714	646	5.036
7	1822	2	5.000
8	W0723	661	4.761
9	621	1,100	4.565
10	2025	2,379	4.426
11	2137	2,052	4.388
12	1610	930	4.235

Project	Estimated Budget	Scope of Work
1608	$ 251,500	As 100% Program was completed on this feeder in 2023, some outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report were due to an outage involving down wire in May 2024. This was repaired at the time of the incident. Recent feeder work includes replacing 3 poles, 2 due to public inflicted damage; straightening 1 pole; and multiple minor conductor and service repairs. Equipment inspections were completed on 2 recloser and 1 capacitor bank locations. One additional reliability inspection was completed during this timeframe. Substation arresters are scheduled to be replaced in 2026.
1612	$ 1,005,000	As 100% Program work began on this feeder in 2023, the bulk of outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. This 100% Program work is planned to be completed in 2025. Additional customer interruptions resulting in this feeder being included on this report include an outage due to phase slap in Dec 2023. This issue was repaired at that time. Recent feeder work includes replacing 5 poles, 3 due to public inflicted damage; replacing 2 crossarms; 1 instance of public inflicted damage due to balloons; replacing 8 transformers; targeted vegetation clearance in 2 locations; and multiple minor conductor and service repairs. Equipment inspections were completed on 7 recloser and 7 capacitor bank locations. Two additional reliability inspections were completed during this timeframe. Outside of regular inspections, there is no substation reliability work planned for this reporting period.
2026	$ 423,000	The bulk of the customer interruptions resulting in this feeder being included on this report were due to a public inflicted damage outage involving ballons in Aug 2024 that resulted in over 2,000 customers out of power. Recent feeder work includes relocating 2 poles; replacing 2 crossarms; 3 instances of recabling; reparing cable after a truck tore down wire in one location; commissioning 2 smart devices; targeted vegetation clearance in 4 locations; and multiple minor conductor and service repairs. Equipment inspections were completed on 4 recloser and 7 capacitor bank locations. One additional reliability inspection was completed during this timeframe. Substation arresters are scheduled to be replaced in 2026.
2142	$ 98,500	As 100% Program work began and was completed on this feeder in 2024, half of outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report include multiple outages due to phase slap in early 2024. This issue was repaired at that time. Recent feeder work includes replacing 1 AT&T pole; replacing 1 crossarm; targeted vegetation clearance in 1 location; replacing an ATS in one vault; 2 instances of primary conductor repair; and multiple minor conductor and service repairs. Substation arresters are scheduled to be replaced in 2026.

Project	Estimated Budget	Scope of Work
616	$ 284,500	The bulk of the customer interruptions resulting in this feeder being included on this report were due to three outages: two due to emergency switching and the third to public inflicted damage involving balloons. Recent feeder work includes replacing 1 pole; targeted vegetation clearance in 2 locations; 2 instances where a public vehicle pulled down wires; 3 additional instances of downed wire; replacing 1 crossarm; and multiple minor conductor and service repairs. Equipment inspections were completed on 1 recloser and 6 capacitor bank locations. One additional reliability inspection was complete during this timeframe. This feeder is planned to begin being worked under the 100% Program in 2025. Substation arresters are scheduled to be replaced in the second quarter of 2025.
W0714	$ 137,500	The bulk of the customer interruptions resulting in this feeder being included on this report were due to an outage due to emergency switching in Sept 2024 that resulted in nearly 3,000 customers out of power. Recent feeder work includes replacing 1 pole; targeted vegetation clearance in 1 location; 1 instance of public inflicted damage due to fire; 1 transformer replacement; and 3 locations of underground cable repair. Equipment inspections were completed on 2 recloser and 1 capacitor bank locations. This feeder is planned to begin being worked under the 100% Program in 2025. Substation arresters are scheduled to be replaced in the second quarter of 2025.
1822	$ 74,500	As this is a CBD radial feeder, the 5 reported outages only briefly impacted 2 customers who rely upon manual switching in their vault to switch to their back-up feeders. All 5 of these outages were due to underground cable failure. This underground feeder is outside of the scope of the 100% Program. Substation arresters are scheduled to be replaced in 2026.
W0723	$ 125,000	As 100% Program work began on this feeder in 2025, some outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. This 100% Program work is planned to be completed in 2025. Additional customer interruptions resulting in this feeder being included on this report were due to an outage involving slack conductor in Jan 2024. This issue was repaired at that time. Recent feeder work includes replacing 2 poles, including 1 due to public inflicted damage; replacing 2 transformers; 2 instances of primary conductor repair; replacing 1 crossarm; 1 instance of public inflicted damage due to balloons; targeted vegetation clearance in 3 locations; and multiple minor conductor and service repairs. Outside of regular inspections, there is no substation reliability work planned for this reporting period.

Project	Estimated Budget	Scope of Work
621	$ 471,500	As 100% Program work began and was completed on this feeder in 2024, over half of outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report include an outage involving emergency switching in Nov 2023 and an outage involving a capacitor bank in Dec 2023. Recent feeder work includes replacing 3 poles; replacing 4 crossarms; targeted vegetation clearance in 5 locations; 1 instance of down wire; 3 instances of public inflicted damage, 1 involving balloons and the other 2 house fires; and multiple minor conductor and service repairs. Equipment inspections were completed on 4 recloser and 5 capacitor bank locations. Substation arresters were replaced in March 2025.
2025	$ 991,500	As 100% Program was completed on this feeder in 2023, some outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report were due to four breaker outages: one due to primary conductor, one due to phase slap, one due to a broken pole, and one due to vegetation. Recent feeder work includes replacing 11 poles, including 2 due to public inflicted damage and 1 being an AT&T pole; straightening 1 leaning pole; replacing 7 transformers; replacing 1 crossarm; 5 instances of public inflicted damage, including 2 due to balloons and 3 due to vehicles pulling down wire; targeted vegetation clearance in 15 locations; and multiple minor conductor and service repairs. Equipment inspections were completed on 6 recloser and 7 capacitor bank locations. Three additional reliability inspections and 1 vault inspection were complete during this timeframe. Substation arresters are scheduled to be replaced in 2026.
2137	$ 187,000	The bulk of the customer interruptions resulting in this feeder being included on this report were due to two outages: one involving a breaker tripping and not automatically reclosing as expected and the other due to a police vehicle hitting a pole during a police chase in June 2024. Recent feeder work includes replacing 2 poles due to public inflicted damage; targeted vegetation clearance in 4 locations; 3 instances of wire down, including 1 due to a public vehicle; 3 transformer replacements; 1 instance of primary cable repair; 1 instance of recabling; 1 instance of feeder relocation; and multiple minor conductor and service repairs. Substation arresters are scheduled to be replaced in the second quarter of 2025.

Project	Estimated Budget	Scope of Work
1610	$ 286,000	As 100% Program work began and was completed on this feeder in 2025, some outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report were due to an outage involving a transient fault in March 2024 that impacted nearly 2,500 customers. Recent feeder work includes replacing 4 poles that were due to public inflicted damage; replacing 4 transformers; 3 instances of primary conductor repair; 1 instance of public inflicted damage due to house fire; 1 instance of down wire; 1 failed distribution line arrester; and multiple minor conductor and service repairs. Outside of regular inspections, there is no substation reliability work planned for this reporting period.

Electrical System Distribution Reliability Standards

Docket No. UD-17-04

Entergy New Orleans

12 Feeders (5%) with Highest Adjusted SAIFI October 1, 2023 - September 30, 2024			
Ranking	Feeder	Customers Served	Adjusted SAIFI
1	1612	762	5.797
2	2142	1,330	5.182
3	1822	2	5.000
4	1608	71	4.930
5	2025	2,379	4.089
6	625	354	3.407
7	616	173	3.306
8	W0725	1,553	3.300
9	1205	2,498	3.200
10	2137	2,052	3.012
11	W1726	1,770	2.929
12	1601	1,416	2.895

Project	Estimated Budget	Scope of Work
1612	$ 1,005,000	As 100% Program work began on this feeder in 2023, the bulk of outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. This 100% Program work is planned to be completed in 2025. Additional customer interruptions resulting in this feeder being included on this report include an outage due to phase slap in Dec 2023. This issue was repaired at that time. Recent feeder work includes replacing 5 poles, 3 due to public inflicted damage; replacing 2 crossarms; 1 instance of public inflicted damage due to balloons; replacing 8 transformers; targeted vegetation clearance in 2 locations; and multiple minor conductor and service repairs. Equipment inspections were completed on 7 recloser and 7 capacitor bank locations. Two additional reliability inspections were completed during this timeframe. Outside of regular inspections, there is no substation reliability work planned for this reporting period.
2142	$ 98,500	As 100% Program work began and was completed on this feeder in 2024, half of outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report include multiple outages due to phase slap in early 2024. This issue was repaired at that time. Recent feeder work includes replacing 1 AT&T pole; replacing 1 crossarm; targeted vegetation clearance in 1 location; replacing an ATS in one vault; 2 instances of primary conductor repair; and multiple minor conductor and service repairs. Substation arresters are scheduled to be replaced in 2026.
1822	$ 74,500	As this is a CBD radial feeder, the 5 reported outages only briefly impacted 2 customers who rely upon manual switching in their vault to switch to their back-up feeders. All 5 of these outages were due to underground cable failure. This underground feeder is outside of the scope of the 100% Program. Substation arresters are scheduled to be replaced in 2026.
1608	$ 251,500	As 100% Program was completed on this feeder in 2023, some outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report were due to an outage involving down wire in May 2024. This was repaired at the time of the incident. Recent feeder work includes replacing 3 poles, 2 due to public inflicted damage; straightening 1 pole; and multiple minor conductor and service repairs. Equipment inspections were completed on 2 recloser and 1 capacitor bank locations. One additional reliability inspection was completed during this timeframe. Substation arresters are scheduled to be replaced in 2026.

Project	Estimated Budget	Scope of Work
2025	$ 991,500	As 100% Program was completed on this feeder in 2023, some outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report were due to four breaker outages: one due to primary conductor, one due to phase slap, one due to a broken pole, and one due to vegetation. Recent feeder work includes replacing 11 poles, including 2 due to public inflicted damage and 1 being an AT&T pole; straightening 1 leaning pole; replacing 7 transformers; replacing 1 crossarm; 5 instances of public inflicted damage, including 2 due to balloons and 3 due to vehicles pulling down wire; targeted vegetation clearance in 15 locations; and multiple minor conductor and service repairs. Equipment inspections were completed on 6 recloser and 7 capacitor bank locations. Three additional reliability inspections and 1 vault inspection were complete during this timeframe. Substation arresters are scheduled to be replaced in 2026.
625	$ 228,500	The bulk of the customer interruptions resulting in this feeder being included on this report were due to three outages in 2024: two due to wire down in May 2024 and another due to public inflicted damage resulting in a broken pole in June 2024. Recent feeder work includes replacing 4 poles, 3 due to public inflicted damage; targeted vegetation clearance in 1 location; 2 instances of public inflicted damage including balloons and a vehicle breaking a crossarm; replacing 3 transformers; 1 instance of primary conductor repair; replacing 1 distribution line arrester;and multiple minor conductor and service repairs. Equipment inspections were completed on 2 capacitor bank locations. One additional reliability inspection was complete during this timeframe. This feeder is planned to begin being worked under the 100% Program in 2026. Substation arresters were replaced in March 2025.
616	$ 284,500	The bulk of the customer interruptions resulting in this feeder being included on this report were due to three outages: two due to emergency switching and the third to public inflicted damage involving balloons. Recent feeder work includes replacing 1 pole; targeted vegetation clearance in 2 locations; 2 instances where a public vehicle pulled down wires; 3 additional instances of downed wire; replacing 1 crossarm; and multiple minor conductor and service repairs. Equipment inspections were completed on 1 recloser and 6 capacitor bank locations. One additional reliability inspection was complete during this timeframe. This feeder is planned to begin being worked under the 100% Program in 2025. Substation arresters are scheduled to be replaced in the second quarter of 2025.

Project	Estimated Budget	Scope of Work
W0725	$ 327,000	The bulk of the customer interruptions resulting in this feeder being included on this report were due to four outages: two were due to public inflicted damage resulting in broken poles, one due to a broken crossarm, and another due to a down shield wire. Recent feeder work includes replacing 4 poles, 3 due to public inflicted damage; removing 4 poles; targeted vegetation clearance in 2 locations; replacing 1 crossarm; 2 instances of down wire; removing a segment of highway line; and multiple minor conductor and service repairs. Outside of regular inspections, there is no substation reliability work planned for this reporting period.
1205	$ 478,500	The bulk of the customer interruptions resulting in this feeder being included on this report were due to three outages: two consecutive and related vegetation outages during a period of high wind and one due to lightning. Recent feeder work includes replacing 6 transformers, targeted vegetation clearance in 2 locations; replacing 3 underground pedestals; 3 instances of public inflicted damage including 2 due to fire and another a dig in to underground primary conductor; replacing 1 distribution line arrester; 2 instances of primary conductor repair; 1 instance of wire down; and multiple minor conductor and service repairs. Equipment inspections were completed on 2 recloser and 2 capacitor bank locations. Two additional reliability inspections were complete during this timeframe. Substation arresters were replaced in August 2024..
2137	$ 187,000	The bulk of the customer interruptions resulting in this feeder being included on this report were due to two outages: one involving a breaker tripping and not automatically reclosing as expected and the other due to a police vehicle hitting a pole during a police chase in June 2024. Recent feeder work includes replacing 2 poles due to public inflicted damage; targeted vegetation clearance in 4 locations; 3 instances of wire down, including 1 due to a public vehicle; 3 transformer replacements; 1 instance of primary cable repair; 1 instance of recabling; 1 instance of feeder relocation; and multiple minor conductor and service repairs. Substation arresters are scheduled to be replaced in the second quarter of 2025.
W1726	$ 232,500	The bulk of the customer interruptions resulting in this feeder being included on this report were due to five outages: three were vegetation-related, one was due to public inflicted damage involving balloons, and the last due to slack conductor. Recent feeder work includes replacing 1 pole; installing 1 Trip Saver; targeted vegetation clearance in 12 locations; straightening 1 pole; 1 instance of primary conductor repair; 2 instances of public inflicted damange involving balloons and a house fire; replacing 4 transformers; 3 instances involving adjusting slack conductor; replacing 1 recloser; and multiple minor conductor and service repairs. Outside of regular inspections, there is no substation reliability work planned for this reporting period.

Project	Estimated Budget	Scope of Work
		As 100% Program work began and was completed on this feeder in 2023, one third of outages are scheduled interruptions. Each of the related work orders include the replacement/installation of 2 crossarms, 6 insulators, 1 animal guard, 1 Hendrix ground wire, and 1 arrestor per 3 work points. Additional customer interruptions resulting in this feeder being included on this report include multiple outages due to slack conductor in Oct 2023. This issue was repaired at that time.
1601	$ 608,500	Recent feeder work includes 1 instance of public inflicted damage due to house fire; replacing 9 transformers; targeted vegetation clearance in 4 locations; 1 instance of phase slap; 4 instances of down wire; replacing 3 Trip Savers; and multiple minor conductor and service repairs. Equipment inspections were completed on 5 recloser and 6 capacitor bank locations. Three additional reliability inspections were completed during this timeframe. Outside of regular inspections, there is no substation reliability work planned for this reporting period.