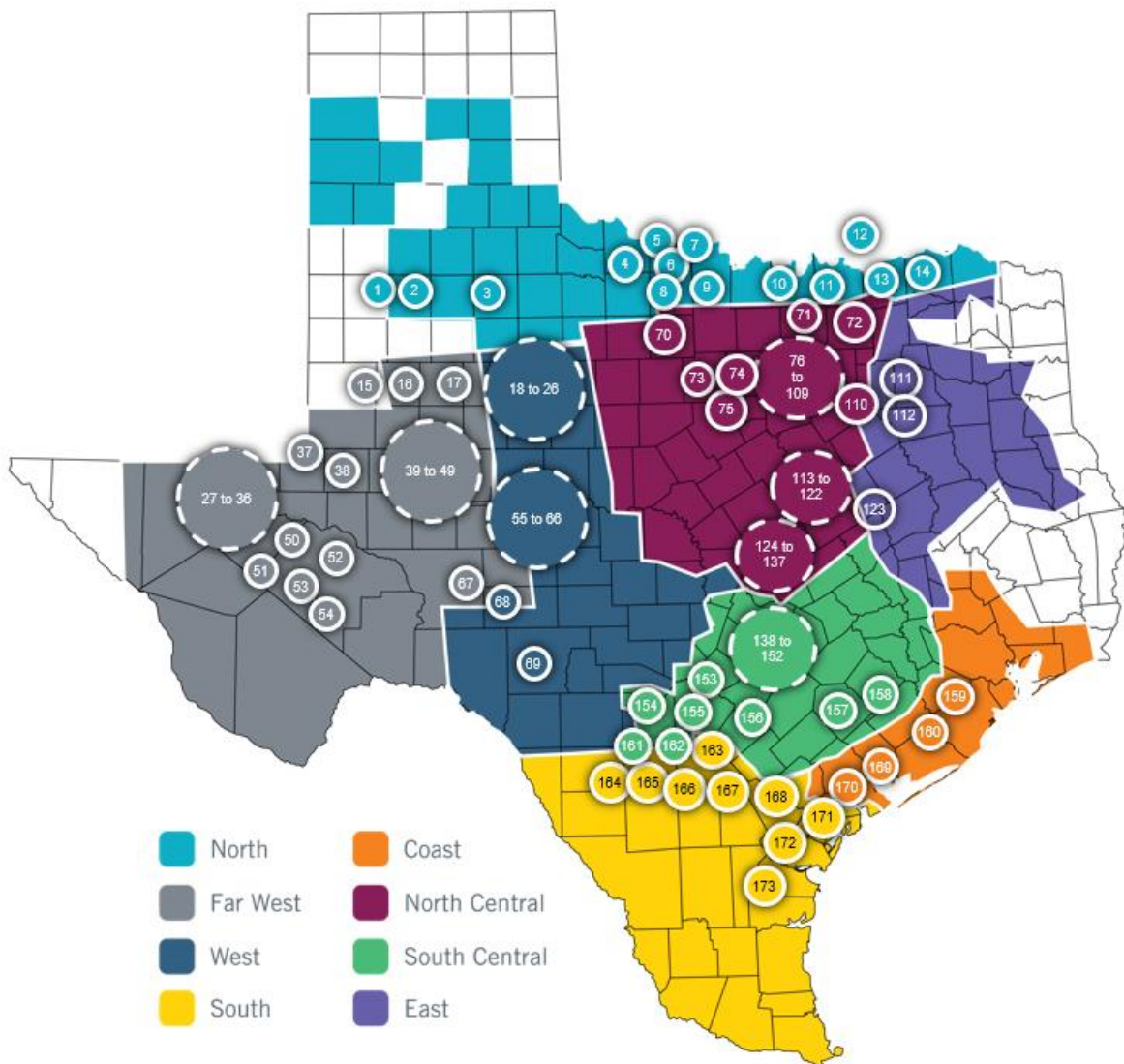


2023 RTP Reliability Project Locations



Reliability projects legend:

Map Index	Project Index	Project Description
1	2023-N3	LPL Line Upgrades
2	2023-N9	Yellow House Canyon Substation 345/115-kV Transformer Upgrade
3	2023-N10	Spur 138/69-kV Transformer Upgrade
4	2023-N4	Sand Road (6063) to Southwest Vernon (6064) 69-kV Line Upgrade
5	2023-N5	Parkway (1499) to Bowman (1423) to Lake Wichita (1446) 138-kV Line Upgrades
6	2023-N6	Fisher Road (1427) to Wichita Falls (1448) 138-kV Line Upgrade
7	2023-N10	Pleasant Valley Switch (1450) to Ceramic (1485) to Wichita Falls PPG (1484) to Wichita Falls PPG Oxygen (17005) to City View (1483) 138-kV Line Upgrades

8	2023-N11	Wichita Falls South Switch (1464) to Arrowhead (1478) to Rathgeber (1480) 138-kV Line Upgrades
9	2023-N2	Beaver (1524) to Old Lake Switch (11541) 69-kV Line Upgrade
10	2023-N1	Gainesville 138/69-kV Transformer Upgrade
11	2023-N13	Whitesboro Southwest (718) 138-kV Capacitor Bank Addition
12	2016-N1	Kiamichi Energy Facility (140077) 345-kV Reactor Addition
13	2023-N13	Bonham Switch (1760) - Bonham (1808) - Copperhead Switch (11809) 138-kV Line Upgrade
14	2023-N8	Hawk Hollow Switch (11768) to Deport (1768) to Rivercrest SES (1780) 138-kV Line Upgrades
15	2022-FW24	Faraday - Lamesa - Clearfork - Riverton 345-kV Double Circuit Line Addition
16	2021-FW20	Lamesa - Key Sub - Gail Sub - Willow Valley Switch 138-kV Line Upgrade
17	2023-WFW1	Exxon Sharon Ridge to Willow Valley Switch 138-kV Line Upgrade
18	2023-W17	Dermott to Ennis Creek Switch 138-kV Line Upgrade
19	2023-W18	Golden Switch to Sun Switch 138-kV Line Upgrade
20	2023-W10	Dermott - Scurry Chevron - Kndrsacrc - Oncor900041 Tap - Knapp - Bluff Creek 138-kV Line Upgrade
21	2023-W19	Bluff Creek Switch - Exxon Sharon Ridge 138-kV Line Upgrade
22	2021-W5	Sacroc - Deep Creek Sub 138-kV Line Upgrade
23	2023-W16	Abilene Northwest-Abi Mulberry Creek-Abi Industrial Park-Abi Elmcreek 138-kV Upgrade
24	2023-W12	Morgan Creek SES - Tonkawa 345-kV Line Rebuild
25	2023-W1	Hamlin to Roby 69-kV Line Rebuild
26	2023-W3	Colorado City to Plowboy 69-kV Line Upgrade
27	2021-FW5	Caymus TNP - Gas Pad 138-kV Line and Caymus TNP - Caymus Compressor TNP Line Terminal Equipment Upgrade
28	2021-FW6	TNMP Monument Draw to Monument Draw Gray Oak 138-kV Line Terminal Equipment Upgrade
29	2021-FW7	TNMP Flat Top 138/25-kV Transformer Upgrade
30	2021-FW8	TNMP Wink - TNMP California 69-kV to 138-kV Line Conversion
31	2022-FW2	Cedarvale 345-kV Substation Expansion
32	2022-FW15	Holt Switch - Turnbaugh Corner Switch - Scharbauer POI - Oncor 900053 Tap - Notrees Southeast POI - Blockline POD - Amburguey - Yucca Drive Switch 138-kV Line Upgrade
33	2022-FW25	Cedarvale Third 345/138-kV Transformer Addition
34	2023-FW3	Collie Field Tap TNP - IH 20 TNP 138-kV Line Upgrade
35	2023-FW5	Gemsbok TNP 138-kV Cap Bank Addition
36	2023-FW10	Far West Reactive Power Support Device Addition
37	2022-FW10	Dollarhide - Dollarhide Unocal 138-kV Line Upgrade

38	2023-FW15	Odessa to Onc900016 138-kV Line Upgrade
39	2021-FW4	Rio Pecos - Rankin - Texon Tap - Atlantic Best Tap - Kemper Tap - Big Lake 69-kV to 138-kV Line Conversion
40	2021-FW19	Morgan Creek SES - Longshore Switch 345-kV Line Upgrade
41	2022-FW23	Consavy South 345/138 S-kV Substation Addition and 345-kV Line Addition
42	2023-FW1	Glasscock County North - Forsan Tap - McDonald - Polecat Creek Switch 138-kV Line Upgrade
43	2023-FW4	Buzzard Draw Switch - Koch Tap - Vealmoor 138-kV Line Upgrade
44	2023-FW8	Midkiff Switch 138-kV Cap Bank Addition
45	2023-FW13	Bulldog - Elbow - Eiland - Einstein - Carterville 138-kV Line Upgrade
46	2023-FW14	Spraberry Switch to Skywest 138-kV Line Upgrade
47	2023-W4	Bluff Creek Switch - China Grove Switch - Oncor 900067 Tap - Getty Vealmoor Tap 138-kV Line Upgrade
48	2022-WFW2	Midessa South SW - Consavvy - Longshore Switch - Morgan Creek SES 345-kV Line Upgrades
49	2023-WFW2	Morgan Creek SES - Falcon Seaboard - Midland East 345-kV Line Upgrade
50	2023-FW12	Foxtail TNP to Flat Top TNP 138-kV Line Upgrade
51	2023-FW6	Foxtail TNP to Pig Creek 138-kV Line Upgrade
52	2023-FW7	Wolfcamp - Courtney Creek 69-kV to 138-kV Line Conversion
53	2023-FW16	Fort Stockton Plant - Leon Creek TNP 138-kV Line Upgrade
54	2021-FW16	16th Street TNP - Fort Stockton TNP 69-kV Line Upgrade
55	2023-FW9	East Stiles 138-kV Cap Bank Addition
56	2023-FW11	New Load Bus 900062 138-kV Cap Bank Addition
57	2023-W2	San Angelo Mathis Field - Tankersley - Mertzon - Cassava 69-kV Line Upgrade
58	2023-W5	Sterling City to Camp Elizabeth 69-kV Line Upgrade
59	2023-W6	Cedar Hills to Silver Tap 69-kV Line Upgrade
60	2023-W7	Carlsbad Tap to Burma 69-kV Line Upgrade
61	2023-W8	San Angelo North 138/69-kV Transformer Upgrade
62	2023-W9	New Load Bus 900110 138-kV Cap Bank Addition
63	2023-W15	San Angelo Redcreek Third 345/138-kV Transformer Addition
64	2021-WFW1	Big Lake - Barnhart - Cassava 69-kV to 138-kV Line Conversion
65	2022-WFW1	Twin Buttes - Hargrove - Pumpjack - Jerry - Russek Street - Big Lake 138-kV line Upgrade
66	2023-W11	Red Creek Area 138-kV Lines Upgrade
67	2023-FW2	Illinois - Pandale - Ozona Rea - Ozona - Friend Ranch - Atlantic Sonora 69-kV Upgrade
68	2023-W13	Bondroad to Friess Ranch 69-kV Line Upgrade
69	2023-W14	Campwood - Barcksdale - Rocksprings 69-kV Line Upgrade
70	2023-NC27	Olney 138/69-kV Transformer Upgrade
71	2023-NC8	Gunter 345/138-kV Substation Addition
72	2023-NC28	Commerce Switch (1816) - Crossroads Switch (1844) 138-kV Line Upgrade
73	2023-NC1	Miller to Palopnto 138-kV Line Upgrades
74	2023-NC26	West Loop (480) - Brock (487) 138-kV Line Upgrade
75	2023-NC2	Carmichael Bend Switch to Benbrook Switch 345-kV Line Upgrade
76	2023-NC25	Concord (394) to Wildcat Switching Station (388) 138-kV Line Upgrade
77	2022-NC2	Brand (827) to Ben Davis (968) 138-kV Line Upgrade

78	2022-NC5	New International Airport Switch 345/138-kV Station
79	2022-NC7	Liggett Switch- DFW Area 138-kV Line Upgrades
80	2023-NC3	Randol Mill Tap East (2104) to Randol Mill (2106) 138-kV Line Upgrade
81	2023-NC4	Watermill Switch (2428) to Loop Nine Switch (22427) 345-kV Line Addition
82	2023-NC6	Telico Area Upgrades
83	2023-NC9	Seagoville to Watermill 138-kV Line Upgrade
84	2023-NC10	Prairie Creek to Mesquite North 138-kV Line Upgrade
85	2023-NC11	Centerville Area Line Upgrades
86	2023-NC15	Renner Switch 345/138-kV Transformer Upgrade
87	2023-NC16	Sardis Area 138-kV Line Upgrades
88	2023-NC18	Tri Corner (2432) to Seagoville Switch (2433) to Forney Switch (2437) 345-kV Line Upgrade
89	2023-NC24	Southside POI (230) to MCCree (832) 69-kV Line Upgrade
90	2023-NC30	PNTHRISL (1966) - Randoll Mill (2106) 138-kV Line Upgrade
91	2023-NC31	Parkdale Switch (2445) - Pleasant Grove Tap 1 (2960) 138-kV Line Upgrade
92	2023-NC32	Cedar Crest Switch (2486) - Buntin Drive (2985) 138-kV Line Upgrade
93	2023-NC33	Sargent Road (2941) - Saint Augustine Tap 2 (2951) 138-kV Line Upgrade
94	2023-NC38	Watermill 345/138-kV Transformer Upgrade
95	2023-NC41	Watermill 138-kV Area Upgrades
96	2023-NC42	Waxahachie Area 69-kV and 138-kV Line Upgrades
97	2023-NC43	Wilmer 138/69-kV Transformer Upgrade
98	2023-NC44	Corinth (1985) to Argyle (1984) to Highlands TNP (1974) 138-kV Line Upgrades
99	2023-NC46	Desoto Switch (2424) to Parkerville Road (12425, 2425) 138-kV Line Upgrade
100	2023-NC47	Carrollton Tarpley Road (2559) to Carrollton East (2578) 138-kV Line Upgrade
101	2023-NC48	Plano Arco (2671) to Plano West (2673) 138-kV Line Upgrade
102	2023-NC49	Greenville Avenue Switch (2882) to Greenville Avenue (12882) 138-kV Line Upgrade
103	2023-NC52	Cedar Hill Switch (2422) to Fish Creek (2491) 138-kV Line Upgrade
104	2023-NC53	Centerville Road Switch Area 138-kV Line Upgrades
105	2023-NC55	Everman 345/138-kV Transformer Addition
106	2023-NC56	Everman (1883,1884) to Marrs (1969) 138-kV Upgrade
107	2023-NC59	Plano Highway 190 Area 138-kV Line Upgrades
108	2023-NC63	DFW and Euless Area 138-kV Upgrades
109	2023-NC45	Cleburne Switch (2279) to Keene (2294) to Alvarado (2297) to Griffith (1905) to Railport (442) to Venus (1908) 138-kV Line Upgrades
110	2023-NC20	Kemp South (2726) to Seven Points (3264) to Will White POI (3287) 138-kV Line Upgrade
111	2023-E2	Canton Switch (3174) to Edgewood (3181) 138-kV Line Upgrade
112	2023-NC21	Cedar Creek Pump (3263) to Mankin SW (3265) 138-kV Line Upgrade
113	2023-NC7	Four Brothers Switch -Tradinghouse - Outlaw - Lake Hall Switch - Sam Switch Area Improvements
114	2023-NC13	Hillboro 138-kV Area Upgrades
115	2023-NC19	Venus - Fort Smith - Sam Switch Double Circuit 345-kV Line Upgrades and Venus Kemp Ranch 345/138-kV Transformer Addition
116	2023-NC23	Venus - Navarro - Jewett Area 345-kV Line Upgrades
117	2023-NC29	Mitchell Bend Switch (1895) - Carmichel (2285) 345-kV Circuit Addition
118	2023-NC35	Navarro (3478) - Haney (213) - Hubbard (3515) 138-kV Line Upgrade
119	2023-NC37	Hillboro 138/69-kV Transformer Upgrade

120	2023-NC39	Navarro (3479) to Richland (3486) 69-kV Line Upgrade
121	2023-NC54	Corsicana (3468) to Barry (3471) 69-kV Line Upgrades
122	2023-NC62	Whitney 345/138-kV Transformer Upgrade
123	2023-E1	Big Brown Ses (3381) to Jewett (3391) 345-kV Double-Circuit Line Upgrade
124	2023-NC5	Temple Switch (3415) to Temple Southeast (3612) 138-kV Line Upgrade
125	2023-NC12	Mexia Transformer Upgrade
126	2023-NC14	Killeen to Salado 345-kV Line Upgrade
127	2023-NC17	Temple Southeast (3612) to Scott and White (3602) to Temple South (3611) 138-kV Line Upgrades
128	2023-NC22	Nolanville (3617) to Harker Heights (3618) 138-kV Line Upgrade
129	2023-NC34	Temple Pecan Creek (3412) - Temple Switch (3414) 345-kV Line Upgrade
130	2023-NC36	Temple Belton 138-kV Line Upgrades
131	2023-NC40	McLennan County East (3442) to Tradinghouse Tap (3555) to Hallsburg (95) to Lake Creek (3410) 138-kV Line Upgrades
132	2023-NC50	Harker Heights (3618) to Killeen Taft Street (3616) to Killeen Elm (13427) 138-kV Line Upgrades
133	2023-NC51	Temple Area 138-kV Upgrades
134	2023-NC57	Killeen Area 138-kV Capacitor Bank Additions
135	2023-NC58	Lake Creek 345/138-kV Transformer Upgrade
136	2023-NC60	Temple Switch and Temple Pecan 345/138-kV Transformer Additions
137	2023-NC61	Temple Pecan Area 138-kV Upgrades
138	2022-SC7	Decker 138-kV Bus Tie Breaker Upgrade
139	2022-SC8	Lytton Springs Substation 345/138-kV Transformer Addition
140	2023-SC1	Austrop Substation 345/138-kV Transformer Addition
141	2023-SC2	Austrop (9328) to Dunlap (9045) Second 138-kV Line Addition
142	2023-SC3	Dessau (9193) to McNeil AEN (9076) 138-kV Circuit 2 Upgrade
143	2023-SC4	Hutto Switch (3666) 138-kV Cap Bank Addition
144	2023-SC6	Lytton Springs (9074) to Garfield (7048) to Austrop (7040) 345-kV Line Upgrades
145	2023-SC8	Dunlap 345/138-kV Transformer Addition
146	2023-SC9	Scooter 345/138-kV Substation Addition
147	2023-SC11	Lockhart to San Marcos 69-kV to 138-kV Line Conversion
148	2023-SC12	Lytton Springs to Pilot Knob 138-kV Line Upgrade
149	2023-SC13	AEN Dunlap to Decker Power Plant 138-KV Second Circuit Addition
150	2023-SC14	Trading Post and Cedar Valley Substation 138-kV Cap Bank Additions
151	2023-SC15	Sim Gideon Area 138-kV Line Upgrades
152	2023-SC17	Round Rock, Hutto, and Georgetown Area 138-kV Line Upgrades
153	2023-SC10	Wiseman 138-kV Substation Addition and CPS Multiple Cap Bank Additions
154	2023-SC16	Hondo to Hondo Creek Switching Station 138-kV Line Upgrade
155	2023-SC5	Beck Road 345/138-kV Substation Expansion
156	2023-SC19	South to Central Texas 345-kV Double-Circuit Line Additions
157	2023-SC7	Cachena (5068) 345-kV Reactor Addition
158	2023-SC18	El Campo Sub to Nada 69-kV Line Upgrade
159	2023-C1	Rosenberg (944070) 345-kV Substation Addition and 345-kV Double-Circuit Line Additions from Warley (44070) to Rosenberg (944070) and to Obrien (44500)
160	2023-C4	South Texas Project (5915) to WA Parish (44000) 345-kV Line Upgrade
161	2023-SC20	Pearson - Natalia - Devine - Moor - Pearsall 69-kV Line Rebuild
162	2023-SC21	Big Foot to Lytle 69-kV to 138-kV Line Conversion

163	2023-S3	Oaks Sub 138/69-kV Transformer Upgrade
164	2022-S3	Pearsall 138/69-kV Transformer Upgrade
165	2023-S5	Poteet Sub to Pearsall Switching Station 69-kV Line Upgrade
166	2023-S4	Poteet Sub to Oaks Sub 69-kV Line Upgrade
167	2023-S6	Rossville Substation Cap Bank Addition
168	2022-S2	Fannisub - Goliad 69-kV Line Upgrade
169	2023-C2	Formosa (8126) to Lolita (8125) to Blessing (8121) 138-kV Line Upgrade
170	2023-C3	Cangrejo (8720) to Pcomfort (8132) 69-kV Line Upgrade
171	2023-S7	Static (8676) 345-kV Reactor Addition
172	2023-S1	LGE to Dupont Switch -Ingleside 138-kV Line Upgrade
173	2023-S2	Lon Hill to Calallen Sub 69-kV Line Limiting Element Upgrade