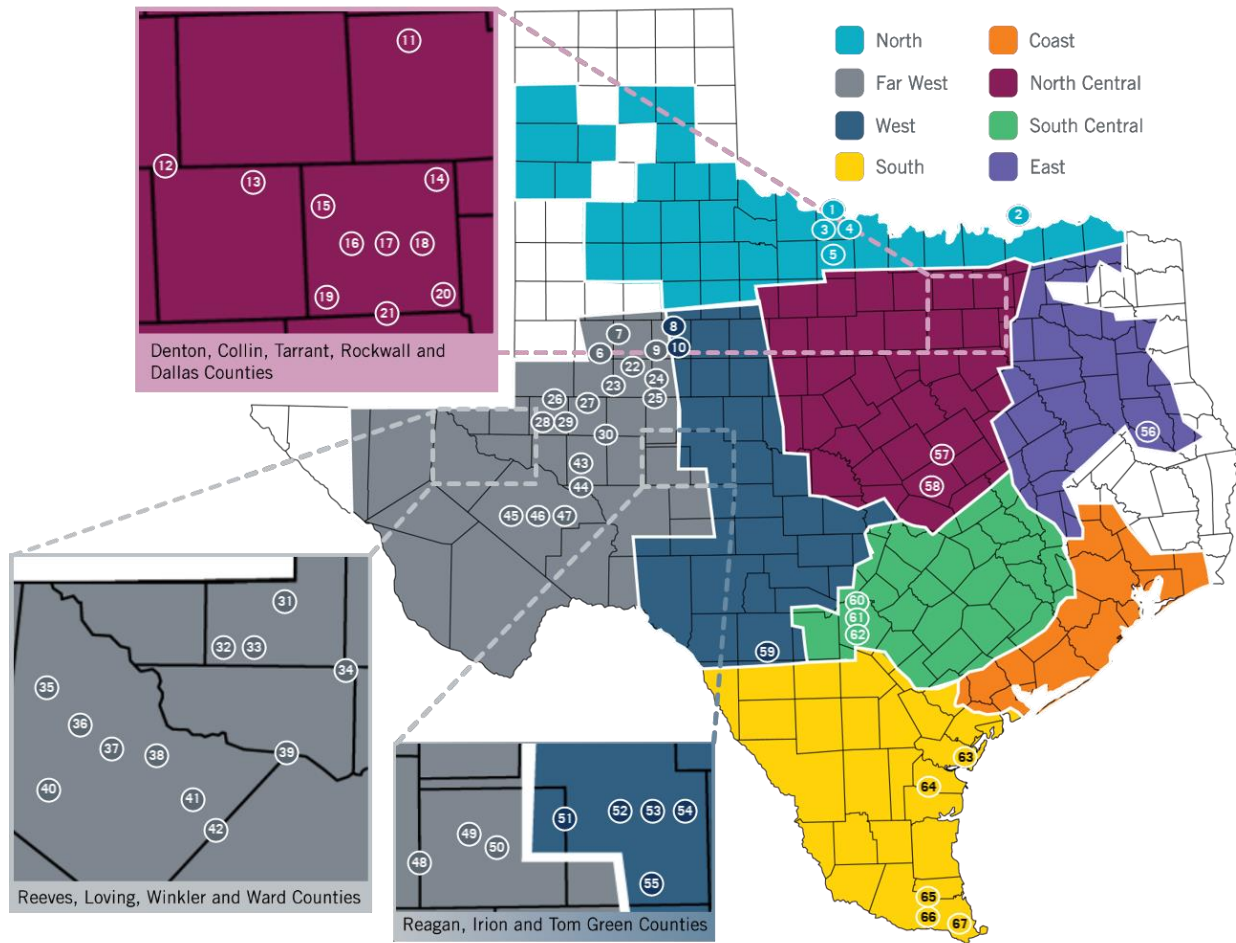


2021 RTP Reliability Project Locations



Reliability projects legend:

Map Index	Project Index	Project Description
1	2021-N2	City View (1483) – Ceramic (1485) 138-kV Line Terminal Equipment Upgrade
2	2016-N1	Kiamichi Energy Facility (140077) 345-kV Reactor Addition
3	2021-N4	Ceramic (1485) - Pleasant Valley Switch (1450) 138-kV Line Upgrade
4	2021-N3	Wichita Falls (1448) to Fisher Road (1427) 138-kV Line Upgrade
5	2021-N1	Bowman 345/138-kV Transformer Upgrades
6	2021-FW21	Lamesa - Jim Payne 138-kV Line Upgrade
7	2021-FW20	Lamesa - Key Sub - Gail Sub - Willow Valley Switch 138-kV Line Upgrade
8	2021-W3	Scurry - Kndrsacrc - Oncor 90041 Tap 138-kV Line Upgrade
9	2021-W4	Oncor 90041 Tap - Knapp - Bluff Creek Switch 138-kV Line Upgrade
10	2021-W5	Sacroc - Deep Creek Sub 138-kV Line Upgrade
11	2021-NC6	New Epco 345/138-kV Station
12	2021-NC8	Roanoke Area Upgrade Project
13	2021_NC10	Southlake (2020) 138-kV Capacitor Addition
14	2020-NC25	Royse Switch (2472) - Oates (831) 138-kV Line Upgrades
15	2021-NC7	Liggett (1926) to Norwood (2406) 138 to 345-kV Line Conversion
16	2020-NC15	Sargant (2947) – East Levee (2482) 138-kV Line Upgrade
17	2020-NC19	Cedar Crest (2493) to Dealey (2842) to West Levee (2400) 138-kV Line Upgrades
18	2021-NC9	Sargant (2941) – Saint Augustine (2951) 138-kV Line Upgrade
19	2021-NC4	Cedarhill Switch (2422) - Fish Creek Switch (2491) 138-kV line upgrade
20	2021-NC3	Kleberg Tap (3077) -Seagoville (3076) 138-kV Line Upgrades
21	2021-NC2	Pebble Creek Area Upgrade Project
22	2021-WFW2	Midland County North West to Midland East to Falcon Seaboard to Morgan Creek to Tonkawaw Switch 345-kV Existing Circuit Rebuild and Second Circuit Addition
23	2021-FW23	Stanton East to Big Spring 138-kV Line Upgrade
24	2021-FW19	Morgan Creek SES - Longshore Switch 345-kV Line Upgrade
25	2021-W2	Morgan Creek - McDonald 138-kV Line Upgrade

26	2021-FW26	Holt Switch to Turnbaugh Corner Switch to Scharbauer POI 138-kV Line Upgrade
27	2021-FW24	Adobe Meadow to Midland East 138-kV Line Upgrade
28	2021-FW18	Quail Switch - Odessa EHV Switch 345-kV Line Upgrade
29	2021-FW25	Odessa EHV Switch to ONCOR New Tap 11121 138-kV Line Upgrade
30	2021-FW3	Sprabery - Midkiff 69-kV to 138-kV Line Conversion
31	2021-FW8	TNMP Wink - TNMP California 69-kV to 138-kV Line Conversion
32	2021-FW6	TNMP Monument Draw to Monument Draw Gray Oak 138-kV Line Terminal Equipment Upgrade
33	2021-FW13	TNMP Wink to AA Pipeline Tap to Monument Draw Tap 138-kV Line Upgrade
34	2021-FW12	Moss Switch to Wolf Switching Station 138-kV Line Upgrade
35	2021-FW10	Cap bank (90 Mvar) Addition at New Load Bus 90012
36	2021-FW22	IH20 345-kV Substation and New 345/138-kV Transformers Addition; and Solstice - Sand Lake 345-kV Existing Double-Circuit Line Loop in at the New IH20 345-kV Substation
37	2021-FW14	Cap bank (90 Mvar) Addition at New Load Bus 90008
38	2021-FW5	Caymus TNP - Gas Pad 138-kV Line and Caymus TNP - Caymus Compressor TNP Line Terminal Equipment Upgrade
39	2021-FW2	Yucca - Wolfcamp - Courtney Creek 69-kV to 138-kV Line Conversion
40	2021-FW9	Cap Bank (90 Mvar) Addition at New Load Bus 90021
41	2021-FW7	TNMP Flat Top 138/25-kV Transformer Upgrade
42	2021-FW1	Barrila Loop 69-kV to 138-kV Line Conversion
43	2021-FW15	Bearkat - North McCamey - Sand Lake 345-kV Double Circuit Line Addition
44	2021-FW4	Rio Pecos - Rankin - Texon Tap - Atlantic Best Tap - Kemper Tap - Big Lake 69-kV to 138-kV Line Conversion
45	2021-FW16	16th Street TNP - Fort Stockton TNP 69-kV Line Upgrade
46	2021-FW17	Fort Stockton Plant to Leon Creek 138-kV Line Upgrade
47	2021-FW11	Lynx to Tombstone 138-kV Line Upgrade
48	2021-WFW1	Big Lake - Cassava 69-kV to 138-kV Line Conversion
49	2021-W6	Twin Buttes - Hargrove - Pumpjack - Jerry 138-kV Line Upgrade
50	2021-W12	Cap bank (28.8 Mvar) Addition at Hargrove Station

51	2021-W1	Cassava - San Angelo Concho 69-kV to 138-kV Line Conversion
52	2021-W9	San Angelo Paulann to San Angelo North 138-kV Line Upgrade
53	2021-W10	San Angelo Red Creek to San Angelo Coke Street to Rusthill 138-kV Line Upgrade
54	2021-W8	San Angelo Red Creek to San Angelo Ben Ficklin 138-kV Line Upgrade
55	2021-W7	San Angelo Highland Street to San Angelo South Tap to San Angelo Power Station 138-kV Line Upgrade
56	2021-E1	Nacogdoches Southeast Switch - Redland Switch Project
57	2021-NC1	Mcgregor Phillips Tap (3594) - MooreMill (3601) - Temple Elm Creek(13662) 138-kV Line upgrades
58	2021-NC5	Belton (3610) – Belton Southwest (13610) 138-kV Line Upgrade
59	2021-W11	Downie Switching Station to Reading 138-kV Line Upgrade
60	2021-SC1	Hamwolf (5187) – Med_Ctr (5300) 138-kV line upgrades
61	2021-SC2	Medinabs (5305) – 36th_st (5427) 138-kV Line Upgrades
62	2021-SC3	Howard and Beck Road 345-kV Project
63	2021-S5	Dupont Switch Area Line Upgrades
64	2021-S3	Celanese Bishop (8714) - Kleberg (8615), Nelson Sharpe (85007) - Celanese Bishop (8516) 138-kV Line Upgrades
65	2021-S1	Rio Hondo (8319) - Val Verde (5769) and and Wesmer (8347) - Pantera (8033) 138-kV Line Upgrades
66	2021-S4	Harlingen (8327) - North Mercedes (8358) 138-kV Line Terminal Equipment Upgrade
67	2021-S2	LA Palma (8314) – Haine Dr (8322) – Oleander (80022) 138-kV Line Upgrades