



Control Number: 51705



Item Number: 70

Addendum StartPage: 0



2021 MAR 12 PM 3:22

Thomas Yamin, P.E.
Director of Regulatory, Transmission and Planning
Oncor | External Affairs

March 12, 2021

Ms. Deven Reeves
Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
Austin, Texas 78711-3326

Re: Errata to Oncor's February 2021 Monthly Construction Progress Report

To Whom It May Concern:

Oncor Electric Delivery Company LLC ("Oncor") respectfully submits the attached errata to its February 2021 Monthly Construction Progress Report, which was initially filed on February 12, 2021, in Project No. 51705. Oncor has discovered an error in the report submitted on February 12, relating to Utility Project No. 0PT40674/0PT43239 (M5222) (Forest Hill Switch - Handley Switch 69 kV Line: Convert Duval To Bryan Ave To 138 kV). On page 17, row 340, column I, under the heading *Final Estimated Project Cost*, the original report erroneously states Oncor's final estimated cost as \$7,025,050. The stated value inadvertently excluded material and other costs, and therefore does not represent Oncor's total estimated project costs. The correct value for Oncor's total estimated project cost is \$11,873,738.

An updated February 2021 Monthly Construction Progress Report is attached. The attached report correctly states the Final Estimated Project Cost for the referenced project, but is otherwise identical to the report filed on February 12, 2021.

Please do not hesitate to contact me if you require additional information or have questions about this report or the underlying project.

Respectfully Submitted,

Thomas Yamin

Oncor
1616 Woodall Rodgers Freeway
Dallas, Texas 75202
Tel: 1.888.876.3512
oncor.com

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (if Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
17763124 17780088 (R6393)	Wink to Culberson 138 kV West of Pecos Point of Interconnection	City of Oria	Establish a point of interconnection to the West of the Pecos Solar LLC generating facility from the Riverton Switching Station on the Wink - Riverton - Culberson 138 kV transmission line.	7/25/2019	11/8/2019	11/8/2019	810,074	810,074			100	na	138	0.9	795 ACSR	Steel Poles	na	na	70	0.7	25.101(c)(5)(A)	Costs updated to include associated ROW estimates.
16765092 16780020 (M5041)	Cedar Hill - Liggett 138 kV Line Upgrade Venus Tap - Liggett Section	City of Grand Prairie, Dallas County	Upgrade the 5.5 mile section of Cedar Hill Switch - Liggett Switch 138 kV Line of double-circuit steel lattice towers and single-circuit wood h-frame structures.	10/3/2019	12/23/2019	12/23/2019	10,385,847	8,107,206			100	138	na	7.2	1926.9 ACSS/TW	Steel Poles	100	7.2	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
15762065	Graham - Archer City 69 kV	City of Graham, Young County	Replace existing wood pole H-frames with Two (2) new single-circuit, concrete H-frame tangent structures (Str. 36/7 & 36/8).	3/9/2021	8/31/2021		266,076	253,850			0	69	na	0.4	4/0 ACSS	Concrete H-frames	100	0.4	na	na	25.101(c)(5)(B)	
17764042 OPT38881	Trinidad-Kaufman Crossarm Replacement	City of Kaufman, Kaufman and Henderson Counties	Replace approximately 352 wood cross arms with steel cross arms on the Trinidad - Kaufman 138 kV line. The existing line is 37 miles of primarily single-circuit wood H-frame structures with wood cross-arms. Any degraded wood poles may be replaced. Cross bracing will be installed as necessary to meet current NESC strength requirements.	9/27/2018	12/9/2019	12/9/2019	2,151,752	2,141,137			100	138	na	37	1033.5 ACSR	Wood H-Frames	70	37	na	na	25.101(c)(5)(B)	
17765164	Norwood - Denton Drive 138 kV Install OPGW	City of Dallas, Dallas County	Replace 3/8" shield wire with OPGW on the Norwood - Denton Drive 138 kV Transmission Line.	4/20/2020	6/10/2020	6/10/2020	318,270	318,270			100	138	138	3.9	OPGW	Steel Poles	100	3.9	na	na	25.101(c)(5)(B)	
17765143 OPT38735 (M4072)	Cedar Crest Switching Station - Industrial Blvd Switching Station - Wall Street Switching Station 138 kV Line Upgrade	City of Dallas, Dallas County	Upgrade the 3.1-mile Cedar Crest Sw. Sta. - Industrial Blvd Sw. Sta. double-circuit line and the 0.3-mile Industrial Blvd Sw. Sta. - Wall Street Double-circuit line with a conductor rated 1649 A or greater. Upgrade all 138 kV line terminal and associated equipment to meet or exceed 2000 A.	4/4/2018	12/16/2019	12/16/2019	3,164,089	3,105,152			100	138	138	3.5	959.6 kcmil ACSS/TW	Steel or Concrete Poles	Varies	3.5	Varies	na	25.101(c)(5)(B)	
17765216 OPT38736 (M4072)	Cedar Crest Switching Station - Wall Street Switching Station 69 kV Line Upgrade	City of Dallas, Dallas County	Upgrade the Cedar Crest Sw. Sta. - Wall Street 69 kV line for 138 kV operations, it will continue to be operated at 69 kV until Compton Street and Wall Street are converted to 138 kV operation.	4/5/2018	12/11/2019	12/11/2019	2,643,096	2,324,328			100	69	69	3.5	959.6 kcmil ACSS/TW	Steel or Concrete Poles	Varies	3.5	Varies	na	25.101(c)(5)(B)	
16764006 (R6087)	Flat Branch (LaTex) 138 kV POI	Houston County	Install a new 138 kV point of interconnection for Houston County Electric (HCEC) to their existing Later 138 kV Substation on the Lufkin Switch - Crockett 138 kV Line. HCEC has requested to switch grids. They are currently in SPP and wish to switch to ERCOT. Install three line sectionalizing switches.	5/1/2018	10/30/2020	10/30/2020	800,000	726,000			100	138	na	0.1	795 kcmil ACSR	Steel Poles	100	na	100	0.1	25.101(c)(5)(A)	
16761034 OPT37605	TxDOT Relocation, Liggett-Saginaw 138 kV Line	City of Irving, Dallas County	Install new double-circuit, steel tangent structures. Remove four (4) existing double-circuit steel tangent structures.	11/9/2019	5/2/2020	5/2/2020	1,193,328	1,193,328			100	138	na	1.1	1033.5 kcmil ACSR	Steel Poles	140	0.6	na	na	25.101(c)(5)(F)	
16761033 OPT37604	TxDOT Relocation, Liggett-Hackberry 138 kV Line	City of Irving, Dallas County	Install new double-circuit, steel tangent structures. Remove four (4) existing double-circuit steel tangent structures.	10/15/2019	12/20/2019	12/20/2019	1,193,328	1,193,328			100	138	na	1.1	1033.5 kcmil ACSR	Steel Poles	140	0.6	na	na	25.101(c)(5)(F)	
15764031 17760049 (R793)	Corsicana - Mildred 69 kV Line Rebuild to 138 kV Line	Navarro County	This project is to rebuild the Corsicana - Mildred 69 kV line to a 138 kV line.	1/22/2019	6/28/2019	6/28/2019	12,110,136	14,348,971			100	69	138	9.5	959.6 kcmil ACSS/TW	Steel Poles	50	9.5	na	na	25.101(c)(5)(B)	
17762069 OPT38781 (M5260)	Everman Switch - Cedar Hill Switch 345 kV Line (Courtland-Cedar Hill Section): HT Upgrade	City of Arlington, Tarrant County	Upgrade the Courtland - Cedar Hill Switch section of Everman Switch - Cedar Hill Switch 345 kV Line.	8/20/2018	5/14/2020	5/14/2020	4,455,604	4,800,000			100	345	na	20.7	795 kcmil ACSR	Steel Lattice	150	11.3	na	na	25.101(c)(5)(B)	
OPT37192	Rivercrest Switch - Sulphur Springs East Tap 138 kV Line - CMPC Line Hardening	City of Sulphur Springs, Hopkins County	This is a CMPC Project that covers the cost to rebuild a section of the Rivercrest Switch - Sulphur Springs East Tap 138 kV Line in Hopkins County. The section is 0.1 miles of single-circuit wood H-Frames.	7/13/2020	7/23/2020	7/23/2020	681,893	681,893			100	138	na	0.1	336.4 kcmil ACSR	Steel H-Frames	100	na	na	na	25.101(c)(5)(B)	
17763206 OPT41725	Escola SW - Sweetwater Creek NO. 2 - 69 kV CMPC Line Hardening	City of Sweetwater, County of Nolan	Relocate and replace 6 structures across Interstate 20 for CMPC System Hardening	2/14/2019	2/17/2020	2/17/2020	593,910	711,257			100	69	na	0.1	ACSR 4/0	Steel Monopole, Wood Monopole	50	0.1	na	na	25.101(c)(5)(B)	
OPT37196 OPT41818	Escola Switch - Sweetwater Creek POI 69 kV Line	City of Sweetwater, County of Nolan	Relocate and replace 4 structures across Interstate 20 for CMPC System Hardening	8/10/2020	9/30/2020	09/30/20	710,383	1,325,477			100	69	na	0.1	ACSR 4/0	Concrete Monopole, Wood Monopole	50	0.1	na	na	25.101(c)(5)(B)	
17763211	Sweetwater Downtown Tap 138 kV Line - CMPC System Hardening	City of Sweetwater, County of Nolan	Rebuild a section of the Escola Switch - Morgan Creek Switch Downtown Tap 138 kV Line in Nolan County. The section is 0.1 miles of single-circuit wood monopoles with single post insulators.	11/11/2019	12/9/2019	12/9/2019	483,277	300,000			100	138	na	0.2	336.4 kcmil ACSR	Concrete Monopole	50	0.2	na	na	25.101(c)(5)(B)	
OPT37441	Burkburnett - Sheppard AFB 69 kV Tap: Line Relocation	City of Wichita Falls, Wichita County	Relocate a section of this line to accommodate new base entrance construction onto Sheppard AFB.	7/10/2019	12/10/2019	12/10/2019	500,000	500,000			100	69	na	0.3	4/0 ACSR	Wood Poles	na	na	na	na	25.101(c)(5)(D)	
OPT37389	DFW D West - DFW E East UG Fiber Installation	Tarrant County	Install 1.4 mile of UG fiber from DFW D West to DFW E East on the Liggett - Euless 138 kV Line.	12/3/2018	12/10/2020	12/10/2020	565,552	565,552			100	0	0	1.4	ADSS Fiber	UG	na	1.1	30	0.3	25.101(c)(5)(B)	
OPT04156	Hutto Sw. - Gileland Creek Sw. 138 kV Line: Bird Nest Sub Line Work	City of Plugerville, County of Travis	Modify Hutto Switch - Gileland Creek 138 kV line to accommodate construction of the new Bird Nest Substation.	9/3/2019	11/23/2019	11/23/2019	883,029	1,200,000			100	138	na	0.4	1926.9 ACSS/TW/HS	Steel, Monopole	70	0.4	na	na	25.101(c)(5)(A)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
16T65165 OPT39960 (M4110)	Crown Road - Norwood Switching Station 138 kV Line Rebuild	City of Dallas, Dallas County	Upgrade the 9.1 mile Crown Road - Norwood Switching Station double-circuit line. Upgrade the 138 kV terminal equipment to meet or exceed 2000 A.	12/17/2018	4/29/2020	4/29/2020	12,229,402	16,300,813			100	138	138	18.2	1928.9 kcmil ACSS/TW	Steel or Concrete Poles	Varies	9.1	Varies	na	25.101(c)(5)(B)	
OPT37659 OPT38531 (R8445)	Garden City Sub - Midkiff Switch 69 kV Line Rebuild	City of Garden City, Glasscock County & Regan County	Rebuild the 16 mile existing 69 kV line to double-circuit 69 kV on one side and 138 kV on the other to connect the 138 kV Shipwreck Substation.	8/1/2019	11/1/2019	11/1/2019	20,755,425	20,208,823			100	69	138	16.0	959.6 kcmil ACSS/TW	Steel Monopoles	50	15.0	na	na	25.101(c)(5)(A)	
OPT04278	Anna Switch - McKinney Sub 138 kV line Cut-In to Weston Sub	City of McKinney, Collin County	Relocating Structure associated with establishing Weston Substation	4/8/2020	5/7/2020	5/7/2020	146,533	270,000			100	138	na	0.1	1233.6 ACSS/TW	Steel Pole	100	0.1	na	na	25.101(c)(5)(B)	
OPT37439 (R6102)	Waco West Switch - Lake Creek Switch 138 kV Line. Line work to connect the Du Puy Sub	Waco/McLennan County	This cut in will be located in the Waco West Sw. - Lake Creek Sw. section. This work will support the establishment of the new Du Puy substation.	10/28/2019	12/2/2019	12/2/2019	350,000	450,000			100	138	na	0.0	1926.9 ACSS/TW	Steel Poles	100	0.1	na	na	25.101(c)(5)(A)	
OPT37666 (R8457)	Andrews County South - Littman 138 kV Line. Jumbo Hills Wind Interconnect	City of Andrews, Andrews County	Establish a generator interconnection by building a .4 mile looping in and out of Nelson Switch.	10/5/2019	12/2/2019	12/2/2019	1,602,400	1,602,400			100	138	na	0.5	959.6 kcmil ACSS/TW	Steel Poles	200	0.5	70	0.5	25.101(c)(5)(A)	
16T62099 OPT41013 (M5245)	Structure 4/5 - North Main Switch (West) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the structure 4/5 - North Main Switch (West Ckt) section of the Saginaw - Denton Ave - North Main Switch 138 kV line. The project consists of rebuilding the West circuit of the 2.1 mile line from structure 4/5 - Heritage. The rebuilt line will support 959.6 kcmil ACSS/TW conductor on double-circuit steel monopole structures.	2/4/2019	12/18/2020	12/18/2020	3,840,000	3,840,000			100	69/138	138	2.1	959.6 kcmil ACSS/TW	Steel Poles	Varies	2.1	na	na	25.101(c)(5)(B)	
16T62003 (M5245)	Structure 4/5 - North Main Switch (East) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the structure 4/5 - North Main Switch (East Ckt) section of the North Main Switch - Richland Hills 138 kV line. The project consists of rebuilding the West circuit of the 2.1 mile line from structure 4/5 - North Main Switch. The rebuilt line will support 959.6 kcmil ACSS/TW conductor on double-circuit steel monopole structures.	2/4/2019	6/10/2020	6/10/2020	1,040,000	1,040,000			100	69/138	138	2.1	959.6 kcmil ACSS/TW	Steel Poles	Varies	2.1	na	na	25.101(c)(5)(B)	
OPT04374 OPT38764 OPT40259 OPT38330 OPT39738 (R84063)	Wink - Notrees Sw 138 kV Line Rebuild	City of Wink, Winkler County	Rebuild the 27.8-mile Wink Sw. Sta. - No Trees Sw. Sta. 138 kV Line using a conductor rated 2569 A or greater. Use double-circuit 138 kV structures with one circuit in place. Upgrade all line terminal and associated equipment to meet or exceed 2000 A and removal conductor and structures.	5/3/2019	9/1/2020	9/12/2020	36,735,998	37,590,846			100	138	na	27.8	1926.9 ACSS/TW/HS	Steel Poles	50	27.8	na	na	25.101(c)(5)(B)	
19T65004 (M4226)	Tri Corner Switch - Watermill Switch 345 kV Line Reconnector	Cities of Lancaster and Seagoville, Dallas County	Reconnector 11.5 miles from Tri Corner Switch - Watermill Switch 345 kV South circuit.	2/4/2019	6/30/2020	6/30/2020	10,189,806	10,189,806			100	345	na	11.5	(2) 959.6 kcmil ACSS/TW - Bundle Suwannee	Steel Towers	165	11.5	na	na	25.101(c)(5)(B)	
19T62002 (M5247)	Sherry Switch Station - General Motors Substation 138 kV Line Reconnector	City of Arlington, Tarrant County	Reconnector the west circuit of the Sherry Switch Station - General Motors Substation 138 kV Line.	2/16/2019	12/11/2019	12/11/2019	2,353,682	3,809,556			100	138	138	2.4	1926.9 kcmil ACSS/TW	Steel Poles	Varies	2.4	na	na	25.101(c)(5)(B)	
OPT37248 16T80028 (R1736)	Benbrook Junction - Rocky Creek Sw HT Upgrade	City of Benbrook, Tarrant County	Upgrade the 8 miles, Benbrook Junction to Rocky Creek portion of the Mitchell Bend - Rocky Creek 345 kV Line for High Temperature operation.	9/3/2019	12/14/2020	12/14/2020	13,720,449	13,720,449			100	345	345	8.0	(2) 1590 kcmil ACSS	Steel Poles	100	8.0	na	na	25.101(c)(5)(B)	
OPT37318 (M4286)	Venus Switch - Sardis Switch 138 kV Line. Establish New Kemp Ranch Switch Station	City of Venus, Ellis County	Reconnect the two circuits of the Venus Switch - Sardis Switch 138 kV Line to the newly constructed Kemp Ranch Switch Station. This line will no longer connect at Venus Switch Station.	6/24/2019	11/18/2019	11/18/2019	2,340,759	2,340,792			100	138	na	0.4	(2) 959.6 kcmil ACSS/TW/E3X	Lattice Towers and Steel Poles	100	0.1	100	0.4	25.101(c)(5)(A)	
OPT38090 OPT38547 (M4286)	Kemp Ranch Switch - Genus #1 138 kV Line	City of Venus, Ellis County	Build a new line connecting the newly constructed Kemp Ranch Switch Station and the newly constructed Genus Substation.	6/24/2019	1/13/2020	1/13/2020	1,289,602	1,289,602			100	138	na	0.2	959.6 kcmil ACSS/TW/E3X	Steel Poles	na	na	100	0.2	25.101(c)(5)(A)	
OPT38091 (M4286)	Kemp Ranch Switch - Genus #2 138 kV Line	City of Venus, Ellis County	Build a new line connecting the newly constructed Kemp Ranch Switch Station and the newly constructed Genus Substation.	6/24/2019	1/13/2020	1/13/2020	754,553	754,553			100	138	na	0.3	959.6 kcmil ACSS/TW/E3X	Steel Poles	na	na	100	0.3	25.101(c)(5)(A)	
OPT38077 (M4286)	Venus Switch - Kemp Ranch Switch 138 kV Line. Establish New Kemp Ranch Switch Station	City of Venus, Ellis County	Build a new line connecting the existing Venus Switch Station and the new constructed Kemp Ranch Switch Station.	6/17/2019	12/2/2019	12/2/2019	1,643,551	1,643,551			100	138	na	0.5	(2) 959.6 kcmil ACSS/TW/E3X	Steel Poles	na	na	75	0.5	25.101(c)(5)(A)	
OPT38369 (M5286)	Roanoke Switch - Euleess Switch 138 kV Line	Forth Worth and Tarrant County	Install a single-circuit steel monopole on the Roanoke Switch - Euleess Switch 138 kV double-circuit line.	8/6/2019	12/18/2019	12/18/2019	175,852	180,000			100	138	138	0.1	1033.5 ACSS	Steel Pole	na	na		0.1	25.101(c)(5)(B)	
OPT38584 OPT40002	Graham Switch - Morgan Creek Switch 345 kV Line. 345 kV Lattice Hardening	Sweetwater City and Fisher County	Harden a section of the Graham - Morgan Creek 345 kV Line in Fisher County.	9/16/2019	10/11/2019	10/11/2019	737,682	924,191			100	345	345	0.2	1926.9 kcmil ACSS/TW	Lattice Steel Towers	140	0.2	140	0.2	25.101(c)(5)(B)	
18T62004 (M5245)	Structure 4/5 - Springdale (North) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the structure 4/5 - Springdale (North Ckt) section of the Saginaw - Springdale - Richland Hills 138 kV line. The project consists of rebuilding the North circuit of the 2.6 mile line from structure 4/5 - Springdale.	2/18/2019	6/30/2019	6/30/2019	2,335,000	2,335,000			100	69/138	138	2.6	959.6 kcmil ACSS/TW	Steel Poles	Varies	2.6	na	na	25.101(c)(5)(B)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
18T62005 (M5245)	Structure 4/5 - Springdale (South) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the structure 4/5 - Springdale (South) section of the North Main Switch - Richland Hills 138 kV line. The project consists of rebuilding the South circuit of the 2.6 mile line from structure 4/5 - Springdale.	2/18/2019	6/10/2020	6/10/2020	690,000	690,000			100	69/138	138	2.6	959.6 kcmil ACSS/TW	Steel Poles	Varies	2.6	na	na	25.101(c)(5)(B)	
OPT38583 OPT38653	Spraberry-Garden City East Sub 138 kV Line: Re-establish 69 kV Line South circuit and Cut-in to 138 kV line North Circuit	City of Midland/Midland County	Replacing (1) structure with a monopole, removing (3) structures, and a cut-in to the new station in support of establishing the new 138 kV Tex-Harvey Substation and the decommissioning of the existing 69 kV Tex-Harvey Substation	4/1/2019	12/2/2019	12/2/2019	538,549	538,549			100	69/138	na	0.0	959.6 kcmil ACSS/TW	Steel Poles	400	0.1	na	na	25.101(c)(5)(A)	
18T63112 OPT37771 (R5422)	AEP Lofebush-Coyanosa NW 138 kV Installation, Lofebush-Coyanosa NW 138kV Line	City of Coyanosa, Pecos County	Installation of new double-circuit, steel monopole dead end structures and concrete tangent structures. The installation is at the request of the Oncor.	7/22/2019	11/15/2019	11/15/2019	2,964,681	2,592,229			100	na	138	1.6	959 kcmil ACSS/TW Suwannee	Steel and Concrete Monopole Structures	na	0.0	80	0.9	25.101(c)(5)(A)	
OPT37679 (R6101)	Trinidad Switch - Long Lake 138 kV Line: Holly Ervin 138 kV POD	City of Palestine, Anderson County	Build a point of interconnection for Atmos Pipeline.	9/9/2019	10/7/2019	10/7/2019	852,139	1,200,862			100	138	na	0.6	795 kcmil ACSR/Drake	Steel H-Frame Switch/ H-Frame Tangents	100	na	na	na	25.101(c)(5)(A)	
18T62072 (M5161)	Saginaw - North Main 138 kV Line: Cut in to new North Main Sub	City of Fort Worth, Tarrant County	Build a cut in to Oncor North Main Sub on the Saginaw - North Main 138 kV Line. The interconnect will be between the existing Heritage Sub and the new North Main Sub.	3/19/2019	2/28/2021		697,037	697,037			62	138	na	0.1	959.6 kcmil ACSS/TW	Steel Poles	50	0.1	na	na	25.101(c)(5)(A)	
18T62077 (M5161)	Connect North Main Sub To North Main Switch	City of Fort Worth, Tarrant County	Connect the North Main Sub to North Main Switch on the Randol Mill - North Main 138 kV Line. The initial line will be between the existing North Main Switch and the new North Main Sub.	3/19/2019	6/29/2020	6/29/2020	659,044	1,057,827			100	138	na	0.3	959.6 kcmil ACSS/TW	Steel Poles	50	0.3	na	na	25.101(c)(5)(A)	
OPT37277	Temple - Minerva 69 kV Line: Relocation	City of Temple, Bell County	Relocate approximately 0.75 miles of the Temple - Minerva 69 kV Line in order to accommodate Waste Management's proposed landfill.	7/10/2019	11/15/2019	11/15/2019	931,000	1,141,647			100	69	na	0.6	959.6 kcmil ACSS/TW	Steel/Concrete Poles	100	0.8	100	0.6	25.101(c)(5)(D)	
OPT37364 (P100)	Liggett Sw - Norwood Sw 138 kV Line: Norwood Retermination	City of Dallas, Dallas County	Reterminate the Liggett - Norwood Sw (North Circuit) and install one (1) SCSP inline dead-end between Str 7/2 and the proposed H-Frame station dead-end on the North Circuit.	4/25/2019	11/11/2019	11/11/2019	351,000	351,000			100	138	na	0.1	959.6 kcmil ACSS/TW	Steel Poles	Varies	na	na	na	25.101(c)(5)(B)	
OPT38413 OPT38512 (R712)	Battalion POD 138 kV Loop Line	City of Killeen, Bell County	Construct a 138 kV loop line off the Killeen Park St. 138 kV Line to aid in establishing the Battalion POD.	5/30/2019	9/17/2019	9/17/2019	2,587,745	2,787,745			100	na	138	0.8	1-959.6 ACSS/TW/HS	Steel Poles	na	na	70	0.8	25.101(c)(5)(A)	
OPT38341 (R712)	Killeen Park Street 138 kV Line: Modifications to Serve Battalion POD	City of Killeen, Bell County	Add a second circuit to the existing Killeen Park St. 138 kV Tap Line from structure 2C/6 A to structure 1/5 A.	6/3/2019	11/13/2020	11/13/2020	1,800,000	1,950,000			100	138	138	1.2	1-959.6 ACSS/TW/HS	Steel Poles	na	1	na	1	25.101(c)(5)(C)	
OPT38070 (R8341)	Wink - Culberson 138 kV Line: Modify for Riverton - Sand Lake 345 kV Line	Reeves County	Modify the Wink - Culberson 138 kV transmission line due to the new construction of the Riverton - Sand Lake 345 kV line	11/4/2019	5/1/2020	5/1/2020	1,300,000	1,600,000			100	138	na	0.3	1926.9 ACSS/TW/HS	Steel Poles	50	na	160	0.3	25.101(c)(5)(D)	
OPT37287	Valley Switch - Paris Switch 345 kV Line: Relocate for the Lower Bois d'Arc Creek Reservoir	Fannin County	Rebuild and raise the Valley - Paris 345 kV line at the request of the North Texas Municipal Water District in order to accommodate the proposed Lower Bois d'Arc Creek Reservoir.	9/25/2019	6/15/2020	6/15/2020	18,300,000	20,500,000			100	345	na	12.8	(2) 1926.9 ACSS/TW/HS Bundled	Steel Poles	150	6.4	na	na	25.101(c)(5)(E)	
OPT37288	Valley Switch - Paris Switch 138 kV Line: Relocate for the Lower Bois d'Arc Creek Reservoir	Fannin County	Rebuild and raise the Valley - Paris 138 kV line at the request of the North Texas Municipal Water District in order to accommodate the proposed Lower Bois d'Arc Creek Reservoir.	9/18/2019	7/1/2020	7/1/2020	7,200,000	8,750,000			100	138	na	6.6	1926.9 ACSS/TW/HS	Steel Poles	100	6.6	na	na	25.101(c)(5)(E)	
OPT37680 (R8454)	Build Quarry Field Switch - Rondo STATCOM 138 kV Line	Culberson County	Build the Quarry Field Switch - Rondo STATCOM 138 kV Line.	9/13/2019	12/12/2019	12/12/2019	420,000	500,000			100	138	na	0.2	1926.9 ACSS/TW/HS	Steel Poles	50	na	70	0.2	25.101(c)(5)(A)	
OPT38473 OPT38092	Rebuild Screwbean Tap - Screwbean Sub 138 kV Line	Culberson County	Rebuild 0.2 miles of the Screwbean Tap - Screwbean Sub Line to accommodate the new transformer being installed in the Screwbean Sub, utilizing 1926.9 ACSS/TW "Cumberland".	11/18/2019	12/31/2019	12/31/2019	806,113	966,113			100	138	na	0.2	1926.9 ACSS/TW/HS	Steel Poles	na	na	150/100	0.2	25.101(c)(5)(B)	
OPT37752 OPT38264 (R8441)	Wink - Culberson 138 kV Line: Boulder POD for Anadarko Haley	Loving County	Install three motor operated 138 kV 3200 A line sectionalizing switches as a part of installing a 138 kV point-of-interconnection (POD) for Anadarko's Petroleum Corporation on the north circuit of the Wink - Culberson 138 kV Double-circuit Line. The POD will be located 1.4 miles west of the Loving Substation.	10/7/2019	11/19/2019	11/19/2019	1,923,338	2,073,338			100	138	na	0.3	1926.9 ACSS/TW/HS	Steel Poles/ H-frame	50	na	70	0.3	25.101(c)(5)(A)	
OPT04154 OPT38028	Arco (DME) Switch - Collin Switch 138 kV Line: Establish Blagg Sub	City of Denton, Denton County	Cut-in approximately 0.7 miles of the Arco (DME) Switch - Collin Switch 138 kV line to establish Blagg Sub.	10/2/2020	12/31/2020	12/31/2020	2,129,112	526,108			100	138	138	0.2	1926.9 ACSS/TW	Steel Monopoles	70	0.1	na	na	25.101(c)(5)(A)	
OPT38669	Relocate Martin Marietta, Chico-Jacksboro 69 kV Line	City of Chico, Wise County	Relocate structures 13/2 through 14/1 on Chico-Jacksboro 69 kV Line at the request of Martin Marietta.	8/5/2019	12/20/2019	12/20/2019	1,666,385	1,546,139			100	69	na	1.3	795 ACSR	Steel Monopole Structures	100	1.1	100	1.3	25.101(c)(5)(D)	
18T64092 OPT37394 (R6061)	Jewett Switch - Crockett 138 kV Line: Rebuild Pleasant Springs to Grapeland Magnolia Tap	Crockett and Houston/Leon Counties	Rebuild the 14.0 mile section from Pleasant Springs to Grapeland Magnolia Tap of the Jewett - Crockett 138 kV Line using double-circuit monopole construction with only one circuit installed.	8/14/2019	12/18/2019	12/18/2019	13,089,469	17,589,469			100	138	138	14.0	959.6 kcmil ACSS/TW	Steel Poles	100	14.0	na	na	25.101(c)(5)(B)	
OPT38731 OPT38093	Falcon Seaboard Switch-Midland East Sub 345 kV Line: Hardening 44/5 & 44/4	City of Big Springs, Howard County	Rebuild a section from Falcon Seaboard Switch to Midland East Substation 345 kV Line by replacing two lattice H frames with two dead-end towers.	2/22/2020	11/2/2020	11/2/2020	820,852	1,307,097			100	345	na	0.2	(2) 795 ACSR	Steel Towers	150	0.2	na	na	25.101(c)(5)(B)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT38350	Valley Switch - Payne Switch #3 138 kV Line: CMPC Line Hardening	Fannin County	Rebuild approximately 0.6 miles of the Valley Switch - Payne Switch #3 138 kV Line.	9/16/2019	1/24/2020	1/24/2020	720,654	735,488		100	138	138	0.6	959.6 ACSS/TW/HS	Steel Poles	100	0.6	na	na	25.101(c)(5)(B)		
OPT37464	Valley Switch - Payne Switch #4 138 kV Line: CMPC Line Hardening	Fannin County	Rebuild approximately 0.6 miles of the Valley Switch - Payne Switch #4 138 kV Line.	9/23/2019	12/23/2019	12/23/2019	845,310	863,514		100	138	138	0.6	959.6 ACSS/TW/HS	Steel Poles	100	0.6	na	na	25.101(c)(5)(B)		
17T64107 OPT39954 (R6091)	Mankin Switch Station - TRWD Station 138 kV Line	City of Trinidad, Henderson County	Build the Mankin Switch Station - Tarrant Regional Water District (TRWD) Station 138 kV line section to the TRWD point of delivery	4/1/2019	12/3/2019	12/3/2019	919,422	1,119,422		100	na	138	0.6	959.6 ACSS/TW/HS	Steel Poles	na	na	70	0.6	25.101(c)(5)(A)		
OPT38605 (R8014)	Forest Grove Sw - Canton Sw 138 kV Ln: Rebuild Forest Grove Sw - Eustace	City of Athens, Henderson County	Rebuild 4.47 miles of existing wood H-frame and 3-pole structures with new double-circuit capable steel monopoles utilizing	6/17/2019	1/10/2020	1/10/2020	4,805,058	6,400,000		100	138	na	4.5	1926.9 kcmil ACSS/TW	Steel Poles	160	4.5	na	na	25.101(c)(5)(B)		
19T63003 (R8028)	Cowden North - Odessa North 69 kV Line: 138 kV Rebuild	City of Odessa, Ector County	Rebuild the 10.3-mile Cowden North - Odessa North Sw. Sta. 69 kV Line section using a conductor rated 1649 A or greater.	6/10/2019	12/2/2019	12/2/2019	8,891,636	8,891,636		100	69	138	12.3	959.6 kcmil ACSS/TW	Steel Poles	50	12.3	na	na	25.101(c)(5)(B)		
OPT38726 (R6098)	Forest Grove Switch - Canton Switch 138 kV Line: Rebuild Mabank Tap - Eustace SE Switch	City of Eustace, Henderson County	Rebuild the Mabank Tap - Eustace SE Switch section of the Forest Grove Switch - Canton Switch 138 kV Line to allow the integration of RCEC.	6/17/2019	2/1/2020	2/1/2020	7,000,000	9,798,629		100	138	138	6.0	1926.9 MCM ACSS/TW/HS "Cumberland"	Steel Pole, Steel 3-Pole	100	6.0	na	na	25.101(c)(5)(B)		
OPT38720 (R6089)	Elkton Switch - Palestine South Switch 138 kV Line: Blackburn Switch (Apollo) 138 kV POI	City of Cuneo, Cherokee County	Establish a 138 kV point of interconnection for the Blackburn 138 kV Sw. Sta. located in the Elkton Sw. Sta. - Palestine South Sw. Sta. 138 kV Line. Install 4 monopoles to install the Blackburn 138 kV point of interconnection, which will accommodate the RCEC integration.	11/4/2019	12/2/2019	12/2/2019	953,860	971,502		100	138	138	0.4	2 - 795 MCM ACSR Drake and 959 MCM ACSS/TW Suwannee	Steel and Concrete Monopole	100	0.4	na	na	25.101(c)(5)(A)		
OPT38080 OPT39906 (R8467)	Enterprise Pipeline 138 kV POD: Construct two 138 kV lines from Quarry Field 138 kV Switch to Enterprise GC LLC	City of Mentone, Loving County	Install two 138 kV point-of-deliveries (PODs) for Enterprise GC LLC out of Quarry Field 138 kV Switch. Install two 3200 A, 138 kV circuit breakers at Quarry Field Switch. The PODs will be located approximately 1 mile east from Quarry Field Switch.	11/13/2019	12/20/2019	12/20/2019	2,814,641	2,814,641		100	na	138	1.0	959.6 kcmil ACSS/TW	Steel Poles	na	na	70	1.0	25.101(c)(5)(A)		
OPT38393	Falcon Seaboard Switch-Midland East Sub 345 kV Line: Hardening 55/2	City of Stanton, Martin County	Replace structure 55/2 with a dead-end structure to harden the line.	1/25/2020	5/1/2020	5/1/2020	488,000	613,018		100	345	345	0.4	2 - 795 MCM ACSR Drake	Lattice Towers	150	0.4	na	na	25.101(c)(5)(B)		
OPT38562 OPT40001	Falcon Seaboard Switch - Midland East Sub 345 kV Line: Hardening 63/1 & 63/2	City of Midland, County of Midland	Rebuild a section of the Falcon Seaboard Switch - Midland East Sub 345 kV Line in Midland County. Replace two (2) H-frame lattice structures (63/1 & 63/2) adjacent to I-20 with dead-end towers.	2/21/2020	4/7/2020	4/7/2020	802,809	1,037,637		100	345	na	0.2	2 - 795 ACSR Drake	Lattice Steel Towers	150	0.2	na	na	25.101(c)(5)(B)		
OPT38567 OPT40000	Falcon Seaboard Switch - Midland East Sub 345 kV Line: Hardening 35/4 & 35/5	City of Big Spring, County of Howard	Rebuild a section of the Falcon Seaboard Switch - Midland East Sub 345 kV Line in Howard County.	4/2/2019	4/7/2020	4/7/2020	780,763	1,115,310		100	345	na	0.2	2 - 795 ACSR Drake	Lattice Steel Towers	150	0.2	na	na	25.101(c)(5)(B)		
OPT404019 (M5285)	Village Creek Tap - Bowen 138 kV Line: Rebuild	City of Arlington, Tarrant County	Rebuild the Village Creek Tap - Bowen 138 kV Line as a double-circuit line.	7/1/2019	9/30/2019	9/30/2019	5,111,631	5,111,631		100	138	138	2.4	1926.9 kcmil ACSS/TW	Steel Poles	100	1.2	na	na	25.101(c)(5)(B)		
OPT38498 (M5285)	Bowen East 138 kV Tap Line: Conductor Removal	City of Arlington, Tarrant County	Remove the Bowen East 138 kV Tap Line.	4/14/2020	4/30/2020	4/30/2020	224,818	224,818		100	138	na	1.7	na	na	na	na	na	na	25.101(c)(5)(B)		
18T62093 OPT39362 (R4009)	Lake Wichita SW, STA. - Holiday 69 kV Line Conversion to 138 kV	Archer County	Convert the 10.8-mile Lake Wichita Sw. Sta. - Holiday 69 kV Line to 138 kV and terminate at Bowman. Move and raise tower 3/6 to provide necessary horizontal and vertical clearance for the upgraded Lake Wichita to Holiday 138 kV line.	7/29/2019	12/29/2019	12/29/2019	17,106,248	17,950,000		100	69	138	10.1	959.6 ACSS/TW/HS	Steel monopoles	50	10.1	na	na	25.101(c)(5)(B)		
OPT39015 (R4009)	Holiday Sub - Archer City Sub 69 kV Line - Reterminate at Holiday	Archer County	Reterminate line at Holiday Sub in association with Holiday Station expansion to allow room for new 138 kV yard.	7/1/2019	12/17/2019	12/17/2019	541,775	585,000		100	69	na	0.1	336 ACSR	Wood and steel poles	50	0.1	na	na	25.101(c)(5)(E)		
OPT404050 (R6061)	Pleasant Springs 138 kV POI	Leon County	Install a new 138 kV point of interconnection for Houston County Electric (HCEC) to their existing Pleasant Springs 138 kV Substation on the Jewett Switch - Crockett Switch 138 kV Line.	8/19/2019	12/18/2019	12/18/2019	200,000	315,000		100	138	na	0.1	795 kcmil ACSR	Steel Poles	100	0.1	na	na	25.101(c)(5)(A)		
OPT38456 17T65128 OPT38387 (M4202)	Ti-Schroeder 138 kV UG Line: Increase double-circuit Section Ampacity	City of Dallas, Dallas County	Rebuild to increase the ampacity of the 0.5 mile double-circuit Ti - Schroeder 138 kV UG Line section.	5/1/2019	5/22/2020	5/22/2020	29,613,898	30,000,000		100	138	138	0.5	3-3500 kcmil Cu HPFF, 2-6000 kcmil Cu XLPE	Underground Transmission Line	100	0.5	na	na	25.101(c)(5)(B)		
OPT38959	Yuca Drive Sw-Culberson Sw 138 kV Line: Cut-In to Barstow Northwest Sub	City of Pecos, Ward County	Reconfigure line to accommodate the expansion of Barstow Northwest Substation by utilizing one new dead-end monopoles	12/9/2019	12/22/2019	12/22/2019	295,580	330,000		100	138	na	0.0	1926.9 Cumberland	Steel Poles	80	0.1	na	na	25.101(c)(5)(A)		
OPT37683 (R6103)	Lake Creek Switch - Tradinghouse Switch (East Ckt) 345 kV Line: Lake Hail Sw. Line Work	City of Halliburton, McLennan County	Cut in the Lake Hail Switch (Prairie Hill Wind Interconnect) into the Lake Creek Sw. - Tradinghouse Sw. (East) 345 kV Line.	11/21/2019	9/2/2020	9/2/2020	849,108	1,008,746		100	345	na	0.1	959.6 kcmil ACSS/TW/HS	Lattice Steel Towers	170	0.1	na	na	25.101(c)(5)(A)		
OPT38586 (R8469)	Buzzard Draw Switch - Gunsight Switch 138 kV Line: Howden (Surge Operating) POD	City of Big Spring, Howard County	Install a new 138 kV point of delivery for Surge Energy's new 138 kV substation on the Buzzard Draw Switch - Gunsight Switch 138 kV Line.	10/18/2019	12/20/2019	12/20/2019	974,000	974,000		100	138	na	0.1	336 MCM ACSR	Steel Wood Poles	75	na	na	na	25.101(c)(5)(A)		

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (if Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT38532 (R8474)	Yucca Switch - Moss Switch 138 kV Line: Shin Oak POD for Blackbeard Operating, LLC	Winkler County	Install a new 138 kV point of delivery (POD) for Blackbeard Operating, LLC on the Yucca Switch - Moss Switch 138 kV Line	9/3/2019	12/16/2019	12/16/2019	1,200,000	1,200,000			100	138	138	0.4	795 ACSR	Steel Poles	75	0.2	75	0.2	25.101(c)(5)(A)	
18T62143 OPT39720 (M3211)	Hackberry - Grapevine Ball St 138 kV Line: Cut-in at Vineyard Switch	City of Grapevine, Tarrant County	Separate and terminate the Northlake - Grapevine Ball Street 138 kV Line to establish the new Vineyard Switch	11/16/2019	12/19/2019	12/19/2019	1,025,403	2,011,655			100	138	138	0.3	1926.9 ACSS/TW	Steel Poles	Varies	0.3	Varies	na	25.101(c)(5)(B)	
18T62144 (M3211)	Southlake - Euless 138 kV Line: Cut-in at Vineyard Switch	City of Grapevine, Tarrant County	Separate and terminate the Roanoke Switch - Euless 138 kV Line to establish the new Vineyard Switch	10/7/2019	12/19/2019	12/19/2019	1,510,549	2,713,000			100	138	138	0.9	1926.9 ACSS/TW	Steel Poles	Varies	0.9	Varies	na	25.101(c)(5)(B)	
OPT04098 (M3211)	Roanoke to Coppell (BEC) 138 kV Line: Cut-in at Vineyard Switch (West)	City of Grapevine, Tarrant County	Separate and terminate the Roanoke Switch - Euless 138 kV Line to establish the new Vineyard Switch	4/1/2021	4/30/2021		400,262	907,000			0	138	138	0.1	1926.9 ACSS/TW	Steel Poles	Varies	0.1	Varies	na	25.101(c)(5)(B)	
OPT37564	Horseshoe Springs Sw - Owl Hills 138 kV Line: Cut-in to Est Alligator Draw	Ora City Reeves County	Cut in the new Alligator Draw Station utilizing the new structures on the Horseshoe Springs - Chimney Wells POD 138 kV Line	10/18/2019	12/31/2019	12/31/2019	1,600,000	1,373,310			100	na	138	18.7	1926.9 kcmil ACSS/TW	Steel Poles	na	na	70	0.3	25.101(c)(5)(A)	
18T64117 OPT38785 (R6071)	Tyler - Tyler West 69kV to 138kV Rebuild	Tyler, Smith County	Rebuild the Tyler - Tyler West 69kV Line to 138kV designed to operate at 90C and 597 Amps.	6/17/2019	8/30/2019	8/30/2019	2,947,386	3,774,006			100	69	138	1.9	795 kcmil 26/7 ACSR Drake	Steel Monopoles	Varies	na	Varies	na	25.101(c)(5)(B)	
OPT38852 OPT39261 (R8473)	Wink Switch - Nottrees Switch 138 kV Line: Railside POD (Exon)	City of Wink, Winkler County	This project is to provide two point of deliveries for Exxon Mobil Pipeline Company on the Wink - Nottrees 138 kV Line	12/9/2019	12/23/2019	12/23/2019	722,440	722,440			100	na	138	0.1	1926.9 kcmil ACSS/TW/HS	Steel Poles	na	na	100	0.1	25.101(c)(5)(A)	
OPT38649 (R4018)	Decatur Sub - Bowie Sub 69 kV Line: Bennett Road Switch Retermination	City of Decatur, Wise County	Install one dead-end structure to reterminate the Decatur - Bowie 69 kV Line into Bennett Road Switch	10/22/2019	12/24/2019	12/24/2019	270,280	317,827			100	69	69	0.0	959 MCM ACSS/TW Suwannee	Steel Poles	50	0.1	na	na	25.101(c)(5)(A)	
OPT39007 (R4018)	Decatur Sub - Oran Sub 69 kV Line: Bennett Road Switch Retermination	City of Decatur, Wise County	Install one dead-end structure to reterminate the Decatur - West Chico - Oran 69 kV Line into Bennett Road Switch	10/21/2019	12/24/2019	12/24/2019	235,794	265,931			100	69	69	0.0	959 MCM ACSS/TW Suwannee	Steel Poles	50	0.1	na	na	25.101(c)(5)(A)	
OPT38088 (R8461)	Wolf Switch - Moss Switch 138 kV Line: Establish Red Lakes Switch for Oberon Solar Interconnect	Ector County	Install four steel monopole structures to loop into new Red Lakes Switch for Oberon Solar Interconnect	10/30/2019	12/2/2019	12/2/2019	1,065,942	1,200,000			100	138	138	0.2	1926.9 MCM ACSS/TW Cumberland	Steel Poles	Centerline	0.1	150	0.0	25.101(c)(5)(A)	
OPT38352 OPT37638	Graham Switch - Tonkawa Switch 345 kV Line: CMPC Hardening 133/3 & 133/4	Scurry County	Replace structures 133/3 & 133/4 with dead-end structures to harden the line	9/10/2019	10/11/2019	10/11/2019	843,806	428,363			100	345	345	0.2	2 - 795 MCM ACSR "Drake"	Lattice Towers	190	0.2	na	na	25.101(c)(5)(B)	
OPT38380 OPT39448 (R6071)	Tyler West Sub - Tyler Switch 138kV Line: Upgrade	Tyler, Smith County	The Tyler West - Tyler Switch 138 kV line will be upgraded and hardened to prepare the idle line to be energized	9/16/2019	12/30/2020	12/30/2020	1,251,986	2,147,671			100	138	138	5.3	795 kcmil 26/7 ACSR Drake	Steel Towers, Wood H-Frames, Concrete H-Frames, and Steel Monopoles	varies	na	varies	na	25.101(c)(5)(B)	
OPT38081 OPT40571 OPT39737 (R8493)	No Trees Switch - Andrews County South Switch 138 kV Line: Rebuild	City of Wink, Winkler County	Rebuild the 6.8 miles of single-circuit wood h-frames. The final build will utilize double-circuit steel monopoles. Re-terminate the line going to Andrews North on the first rung and terminate the new line going to the second autotransformer on the second rung.	3/29/2019	5/14/2020	5/14/2020	17,030,968	19,025,422			100	138	138	8.8	1926 kcmil ACSS/TW	Steel and Concrete Poles	50-125	8.8	na	na	25.101(c)(5)(B)	
OPT04329 (R8444)	Installation for Canyon Wind POI, Scurry County South Switch- Canyon Wind 138 kV Line	City of Dunn, Scurry County	Installation with new single-circuit, steel monopole dead end structures. The installation is at the request of the Canyon Wind.	4/6/2021	12/16/2021		1,412,752				0	na	138	0.3	959 ACSS/TW Suwannee	Steel Monopole Structures	na	na	na	na	25.101(c)(5)(A)	
OPT39804	Yucca - Holt 138 kV Line: Raise Structure 10/1	Winkler County	Raise structure 10/1 to aide in establishing the Shin Oak POD for Blackbeard Operating, LLC	9/23/2019	12/16/2019	12/16/2019	173,157	175,000			100	138	138	0.0	795 ACSR	Steel Poles	75	0.1	na	na	25.101(c)(5)(B)	
OPT39953 (R6092)	Athens Sub - Jacksonville Switch 69 kV Line: Reterm Jacksonville Switch	City of Jacksonville, Cherokee County	Determine and reconfigure Athens Sub - Jacksonville Switch 69 kV transmission line into the rebuilt Jacksonville Switch Station.	10/15/2019	12/18/2019	12/18/2019	450,000	450,000			100	69	na	0.1	795 kcmil ACSR	Steel or Concrete Poles	50	0.1	na	na	25.101(c)(5)(A)	
OPT39956 (R6092)	Jacksonville Plant Sub - Jacksonville Switch 69 kV Line: Reterm	City of Jacksonville, Cherokee County	Reterminate the Jacksonville Plant - Jacksonville Tap Jacksonville Switch 69 kV Line for the rebuild of the Jacksonville Switch Station.	10/15/2019	12/18/2019	12/18/2019	240,000	240,000			100	69	na	0.1	795 kcmil ACSR	Steel or Concrete Poles	50	0.1	na	na	25.101(c)(5)(A)	
OPT38421 (R8471)	Central Bluff Sw - Holstein Solar I Sw 345 kV Line: Construct transmission line for connection Holstein Solar	City of Sweetwater, Nolan County	Install a 345 kV point-of-interconnection (POI) for customer's generator (Holstein Solar I) at Central Bluff Switch.	9/23/2019	12/2/2019	12/2/2019	580,000	650,000			100	345	na	0.2	795 kcmil ACSR	Steel or Concrete Poles	150	0.1	na	na	25.101(c)(5)(A)	Work is being done on Onco property
OPT38450	Kirkland Park Sub - TI Sub 138 kV Line: Replace 3/8 Edhs Shield Wire	City of Dallas, Dallas County	Replace the 3/8" EHS shield wire with OPGW on the Kirkland Park - Schroeder Road section of the Kirkland Park Sub - TI Sub 138 kV Line.	3/22/2021	5/15/2021		514,856	514,856			0	138	na	2.1	OPGW	Steel Monopoles	100	2.1	na	na	25.101(c)(5)(A)	
OPT39714 (M4106)	Northaven Switch-Renner Switch 138 kV: Rebuild Alpha Rd - Knoll Trail	City of Dallas, Dallas County	Rebuild the 2.25 mile Alpha Road-Knoll Trail 138 kV double-circuit line using a conductor rated for 2569A or greater.	4/15/2019	5/25/2020	5/25/2020	6,606,401	6,850,000			100	138	138	4.5	1926.9 kcmil ACSS/TW	Steel Poles	100	2.3	na	na	25.101(c)(5)(B)	The original project was Northaven-Renner (16T65090), and it was split so that we now have Northaven-Alpha Road & Knoll Trail-Preston Road North (16T65186), Preston Road North-Renner (16T65090), and Alpha Road-Knoll Trail (OPT39714). The WA that should now be associated with this project on the PUC Report is OPT39714.

ORION ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT40192 (R3442)	Dog House - Prospero Solar 345 kV Line	Andrews County	Install one monopole and one span of wire to connect the customer line to Doghouse Switch.	1/6/2020	4/16/2020	4/16/2020	590,033	450,000			100	na	345	0.3	959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25.101(c)(5)(A)	
OPT38448 (M5289)	Krum Tap Switch - Gainesville Sub 138 kV Line - Rippey Solar Interconnect	City of Gainesville, Cooke County	This project interconnects the Rippey Solar on the Krum Tap Sw - Gainesville Sub 138 kV Line at the Ray Roberts Switch.	4/7/2020	11/6/2020	11/6/2020	1,155,000				100	138	138	0.3	1926.9 kcmil ACSS/TW	Steel Poles	100	0.3	na	na	25.101(c)(5)(A)	
OPT37229 (M5277)	Roanoke Switch - Saginaw Switch 138 kV Line - Retermine to Dean Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Roanoke/Eules) 138 kV line connecting to new Dean Sw.	5/5/2020	12/16/2020	12/16/2020	958,558	958,558			100	138	138	0.1	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25.101(c)(5)(B)	
OPT37237 (M5277)	Handley Switch - Saginaw Switch 138 kV Line - Retermine to Dean Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Handley) 138 kV line connecting to new Dean Sw.	5/7/2020	12/16/2020	12/16/2020	943,604	943,604			100	138	138	0.1	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25.101(c)(5)(B)	
OPT37236 (M5277)	Hicks Switch - Saginaw Switch 138 kV Line - Retermine to Dean Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Hicks) 138 kV line connecting to new Dean Sw.	4/10/2020	12/16/2020	12/16/2020	1,367,626	1,367,627			100	138	138	0.3	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25.101(c)(5)(B)	
OPT37238 (M5277)	Eagle Mountain Switch - Saginaw Switch 138 kV Line - Retermine to Dean Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Eagle Mtn.) 138 kV line connecting to new Dean Sw.	5/5/2020	12/16/2020	12/16/2020	1,367,626	1,367,627			100	138	138	0.3	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25.101(c)(5)(B)	
OPT37235 (M5277)	North Main Switch - Saginaw Switch 138 kV Line - Retermine to Dean Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (N. Main) 138 kV line connecting to new Dean Sw.	4/10/2020	1/22/2021	1/22/2021	810,689	810,689			100	138	138	0.2	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25.101(c)(5)(B)	
OPT38778 (M5291)	Monticello Switch - Paris Switch 345 kV Line - Establish Woodard Switch	Lamar County	Establish a point of interconnection to the Impact Solar LLC generating facility by establishing Woodard Switch on the Monticello - Paris 345 kV transmission line.	4/16/2020	5/15/2020	5/15/2020		2,000,776			100	345	345	0.3	2-959.6 kcmil ACSS/TW	Steel Towers	170	na	370	0.3	25.101(c)(5)(A)	
OPT38200 (M4232)	Carrollton East - Renner/Northaven 138 kV Line - Rebuild Farmers Branch Gillis - Structure T308A	City of Farmers Branch, Dallas County	Rebuild the 1.3 mile section of the Carrollton East - Renner/Northaven Sw 138 kV Line from Farmers Branch Gillis - Structure T308A using conductor greater than 1926A. Rebuild will end at structure T308A which is where the two circuits split to Renner and Northaven respectively.	11/25/2019	4/3/2020	4/3/2020		5,500,000			100	138	na	1.3	1926.9 kcmil ACSS/TW	Steel Poles	100	1.3	na	na	25.101(c)(5)(B)	
OPT38236 (R470)	Lake Creek Switch - Waco East Switch 138 kV Line - Rebuild Lake Creek Switch - Waco LaSalle Sub	City of Waco, McLennan County	Rebuild of 7.6 mile 138 kV Line of single-circuit wooden h-frame structures to steel monopoles	1/21/2020	5/21/2020	5/21/2020	12,826,963	12,826,963			100	138	138	7.6	1926.9 kcmil ACSS/TW	Steel Poles	100	7.6	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT40107 (R470)	Lake Creek Switch - Waco East Switch 138 kV Line - Rebuild Waco LaSalle Sub - Structure 1/9 section	City of Waco, McLennan County	Rebuild of 2.2 mile 138 kV Line of single-circuit wooden h-frame structures to steel monopoles	9/10/2020	12/3/2020	12/3/2020		4,450,342			100	138	138	2.2	1926.9 kcmil ACSS/TW	Steel Poles	100	2.2	na	na	25.101(c)(5)(B)	
OPT38397 (R4840)	Wink Switch - Culberson Switch 138 kV Line - Long Pasture POD for BPX Energy Keystone	Reeves County	Establish a point of delivery to BPX Energy's Keystone on the Wink - Culberson 138 kV transmission line. The point of delivery will be located in the Mason - Screven line section.	1/20/2020	2/14/2020	2/14/2020		1,580,364			100	138	na	0.4	959.6 ACSS/TW	Steel Poles/ H-frame Switch	50	na	70	0.3	25.101(c)(5)(A)	Costs updated to include associated ROW estimates.
OPT38077 (R4102)	Valley Switch - Paris Switch 138 kV Line - Allens Creek POD for Rayburn Lower Bois d'Arc Water Pump Station	Fannin County	Establish a point of interconnection to Rayburn Country Electric Cooperative's Lower Bois d'Arc Creek Water Pump Station on the Valley - Paris 138 kV transmission line.	1/31/2020	2/7/2020	2/7/2020		1,285,775			100	138	na	0.4	959.6 ACSS/TW	Steel Poles/ H-frame Switch	100	na	75	0.0	25.101(c)(5)(A)	Costs updated to include associated ROW estimates.
18T62019 (M5245)	Springdale - Richland Hills (North Ckt) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the Springdale - Richland Hills (North Ckt) section of the Saginaw - Springdale - Richland Hills 138 kV line. The project consists of rebuilding the North circuit of the 3.7 mile line from Springdale - Str 7/3 N.	6/16/2020	12/18/2020	12/18/2020		5,750,000			100	69/138	138	3.7	959.6 kcmil ACSS/TW	Steel Poles	Varies	3.7	na	na	25.101(c)(5)(B)	
18T62020 OPT39481 (M5245)	Springdale - Richland Hills (South Ckt) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the Springdale - Richland Hills (South Ckt) section of the North Main Switch - Richland Hills 138 kV line. The project consists of rebuilding the South circuit of the 3.7 mile line from Str 3/5 S - 7/3 S.	6/16/2020	12/18/2020	12/18/2020		1,057,479			100	69/138	138	3.7	959.6 kcmil ACSS/TW	Steel Poles	Varies	3.7	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT40145 (R8494)	Wolf Switch - Moss Switch 138 kV Line - High Temp Upgrade	Ector & Ward County	Upgrade the Moss Switch - Wolf Switch 138 kV line for 120°C and 1146A, high temperature operation.	12/12/2019	12/21/2019	12/21/2019		1,007,917			100	138	138	2.0	795 kcmil ACSR	Wood H-Frames	50	2.0	na	na	25.101(c)(5)(B)	
OPT40963	Handley Switch - Denton Avenue Sub 69 kV Line - CMPC System Hardening (Str. 3/5 & 3/6)	Tarrant County	Replace Structures 3/5 & 3/6 adjacent to I-30 in Arlington, TX consisting of existing single-circuit wooden H-frames with concrete H-frames.	12/13/2018	12/27/2019	12/27/2019		275,000			100	69	na	0.1	300 kcmil ACSR	Concrete H-Frames	Varies	na	na	na	25.101(c)(5)(B)	
OPT38115 (R966)	Lewisville Switch (Brazos) - Lakepoint Switch (TMMP) Sub. 138 kV Line - Reconnector	City of Lewisville, Denton County	Upgrade 5.3 miles of the Lewisville Switch (BEC) - Lakepoint (TMMP) 138 kV Line using conductor 959.6 MCM ACSS "Savaneer" with EX3 coating designed to operate at 1996 Amps and 200C. The existing 3/8" EHS shield wire will be replaced with 0.546" OD 48 count OPGW. Upgrade all line terminal and associated equipment to meet or exceed 1996 A.	2/10/2020	4/2/2020	4/2/2020		4,645,000			100	138	na	5.3	959.6 kcmil ACSS/TW	Steel Towers	Varies	5.3	na	na	25.101(c)(5)(A)	
OPT39974 (R8511)	SL Penkiff - Ringo 138kV Line - Slager Lake POD	Reagan County	Provide a 138 kV point-of-delivery (POD) for Sherrod on the Penkiff - Ringo 138 kV line. The POD will be located approximately 1.6 miles east of the Penkiff substation. In addition the cost to remove 1 existing concrete pole along the Penkiff - Ringo 138 kV transmission line. This removal is required to accommodate the new Slager Lake POD for XTO Sherrod Substation.	3/13/2020	5/19/2020	5/19/2020		1,100,000			100	138	na	0.9	959.6 ACSS/TW	Steel Poles	na	na	105	0.5	25.101(c)(5)(A)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT39620 (R8478)	Spraberry Switch - Midland East 138 kV Line - Cloverdale POD	City of Midland, Midland County	Provide a 138 kV point-of-delivery (POD) on the Spraberry Switch - Midland East 138 kV line. The POD will be located approximately 2.0 miles southeast of the Midland East Substation.	4/17/2020	6/24/2020	6/24/2020		2,436,280			100	138	na	0.9	1926.9 ACSS/TW	Steel Poles	na	na	70	0.9	25.101(c)(5)(A)	
OPT40458 (M5312)	Ringgold Magnolia Tap - Beaver Creek Tap 69 kV Line: Install Barrel Springs (Oneok) POI	Clay County	Provide a 138 kV point-of-interconnect (POI) for TMMP's Oneok on the Ringgold Magnolia Tap - Beaver Creek Tap 69 kV line. The POI will be located approximately 2.6 circuit-miles from Beaver Creek Tap.	2/13/2020	4/16/2020	4/16/2020		1,050,000			100	69	na	0.5	1/0 ACSR, 959.6 ACSS/TW	Steel Poles	na	na	100	0.5	25.101(c)(5)(A)	
OPT39894 (R8485)	McKenzie Draw Switch - Midland County Northwest/Midland East Switch 138 kV Line: Kelton Windmill POD	Martin County	Establish a point of delivery on the eastern circuit of the McKenzie Draw Switch - Midland County Northwest/Midland East Switch 138 kV transmission line.	1/27/2020	3/9/2020	3/9/2020		2,100,000			100	138	na	0.3	1926.9 ACSS/TW/HS	Steel Poles/ H-frame Switch	75	na	70	0.3	25.101(c)(5)(A)	
OPT40457 (OPT40948 (R8525))	Brown - Grady 138 kV Line: Lenorah POD	Martin County	Establish a point of delivery by establishing Lenorah Switch on the Brown - Grady 138 kV transmission line. Remove concrete poles on the Brown - Grady 138 kV Line to accommodate the new Lenorah POD.	4/2/2020	6/8/2020	6/8/2020		1,950,000			100	138	138	0.3	1-1926.9 kcmil ACSS/TW	Steel Monopoles	70	na	70	0.3	25.101(c)(5)(A)	
OPT39509	Venus Switch-Sardis Switch 138 kV Line: Structure Replacement for Midlothian Hospital	City of Midlothian, Ellis County	Replace wood H-frame to a concrete H-frame for Midlothian Hospital.	12/19/2019	12/21/2019	12/21/2019		300,000			100	138	na	0.0	795 kcmil ACSR	Concrete H-Frame	50	0.0	na	na	25.101(c)(5)(D)	This is a 100% reimbursable project by Methodist Hospital of Dallas
OPT39916	McDonald Road-Big Spring Switch 138 kV Line: Loop into Hill Crest Sub	City of Big Spring, Howard County	Reconfigure McDonald Road-Big Spring Switch 138 kV line to loop into new Hill Crest Sub	1/5/2020	3/9/2020	3/9/2020		1,000,000			100	138	na	0.0	1926.9 ACSS/TW	Steel DE Monopoles	100	0.5	na	na	25.101(c)(5)(A)	
OPT40228	Big Spring Switch-Chalk 69 kV line: Modify Line for Hill Crest Sub	City of Big Spring, Howard County	Reconfigure Big Spring Switch-Chalk 69 kV Line to support the establishment of the new Hill Crest	1/2/2020	3/9/2020	3/9/2020		1,500,000			100	69	na	0.0	1926.9 ACSS/TW	Steel DE 3-poles	100	0.5	na	na	25.101(c)(5)(A)	
OPT39135 (R8477)	Yucca Drive Switch-Holt Switch 138 kV Line: Loop into Turnbaugh Corner Switch	City of Goldsmith, Ector County	Looping the Holt Sw-Yucca Drive Sw 138 kV Line into the Turnbaugh Corner Switching Station	2/18/2020	6/15/2020	6/15/2020		1,800,000			100	138	na	1.0	1926.9 ACSS/TW	Steel Monopoles	75	1.0	na	na	25.101(c)(5)(A)	
OPT39137 (R8477)	Turnbaugh Corner Switch-Holt Switch 138 kV Line: Loop into Turnbaugh Corner Switch	City of Goldsmith, Ector County	Establish a new transmission line from Turnbaugh Corner Switch to the customer-owned Oxy Goldsmith Substation	2/13/2020	6/1/2020	6/1/2020		800,000			100	138	na	0.2	795 ACSR	Steel Monopoles	75	0.2	na	na	25.101(c)(5)(A)	
OPT40144 (OPT41448 (R8493))	Wink Switch - Notrees Switch 138 kV Line: Install Second Circuit	City of Wink, Winkler County	Install second circuit to the newly rebuilt 29 miles Wink - Notrees 138 kV Line.	12/17/2019	5/11/2020	5/11/2020		15,021,928			100	138	na	28	1926.9 ACSS/TW	Steel Poles	50	29	na	na	25.101(c)(5)(C)	
OPT41051 (OPT41482)	Esleta Switch - Morgan Creek Switch 138 kV Line: Structure Replacements	City of Sweetwater, County of Nolan	Replace 2 H-Frame structures and remove 1 H-Frame structure.	8/27/2020	9/30/2020	9/30/2020		453,091			100	138	na	0.1	795 ACSR	Steel Monopoles	70	0.1	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT40946	Comanche Switch - Corn Trail Switch 345 kV Line: CMPC Insulator Replacement	Comanche/ Comanche County	Replace insulators on the Comanche - Corn Trail 345 kV Line.	3/10/2020	6/23/2020	6/23/2020		467,396			100	345	345	7.7	2 - 1590 kcmil ACSR Falcon	Steel Lattice Towers	160	7.7	na	na	25.101(c)(5)(B)	
OPT41067	Benbrook South Tap Rebuild	City of Benbrook, Tarrant County	Upgrade the conductor on the 0.2 mile Benbrook South Tap 138 kV Line.	2/4/2020	3/15/2020	3/15/2020		550,000			100	138	na	0.2	795 ACSR	Concrete/Steel Poles	75	na	na	na	25.101(c)(5)(B)	
OPT39277 (M3213)	Royse Switch - Oates (TMFA) 138 kV Line: Fats Sub Cut-in	City of Fate, Rockwall County	Separate and terminate the Royse Switch - Oates (TMFA) 138 kV Line to establish the new Fate Substation.	3/23/2020	5/4/2020	5/4/2020		1,147,948			100	138	138	0.2	BUNDLED (2X) 959.6 kcmil ACSS/TW	Steel Poles	Varies	0.2	Varies	na	25.101(c)(5)(A)	
18T64093 (OPT37433 (R8061))	Jewett Switch - Crockett 138 kV Line: Rebuild Centerville Sub to Pleasant Springs	Leon County	Rebuild the 7.6 mile section from Centerville to Pleasant Springs of the Jewett - Crockett 138 kV Line using double-circuit monopole construction with only one circuit installed.	1/6/2020	5/5/2020	5/5/2020		6,945,795			100	138	138	7.6	959.6 kcmil ACSS/TW	Steel Poles	100	7.6	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT40497 (OPT41190 (M3211))	Vineyard Switch - Flower Mound 138kV Line: Disconnect and Rebuild Vineyard Switch to McKamy Tap	City of Grapevine, Tarrant County	Extend the McKamy Tap line section into the new Vineyard Switch	2/8/2021	4/30/2021			3,815,919			0	138	138	1.5	1926.9 ACSS/TW	Steel Poles	Varies	0.5	Varies	1.0	25.101(c)(5)(A)	Costs updated to include associated ROW estimates.
OPT40105 (M3211)	Vineyard Switch - Coppell 138kV Line: Disconnect and Rebuild Vineyard Switch to McKamy Tap	City of Grapevine, Tarrant County	Disconnect the Grapevine Junction - Coppell line section and extend to the new Vineyard Switch	2/8/2021	4/30/2021			6,648,486			0	138	138	1.5	1926.9 ACSS/TW	Steel Poles	Varies	0.5	Varies	1.0	25.101(c)(5)(A)	
OPT40103 (M3211)	Rancho to Coppell (BEC) 138 kV Line: Cut-In at Vineyard Switch (East)	City of Grapevine, Tarrant County	Disconnect the Grapevine Junction - Coppell line section and extend to the new Vineyard Switch	2/8/2021	4/30/2021			1,395,620			0	138	138	1.5	1926.9 ACSS/TW	Steel Poles	Varies	0.5	Varies	1.0	25.101(c)(5)(A)	
OPT40370 (OPT40913 (R8489))	Vealmoor - Brown 138 kV Line: Vealmoor Retermination	Borden County	The scope of this project is to reterminate the Vealmoor - Brown 138 kV Line at its new terminal location at Vealmoor. This retermination will be 275 feet, utilizing one (1) new single circuit monopole dead-end. Existing dead-end structure 1/1 will be reused to route the line north.	2/23/2020	3/1/2020	3/1/2020		303,000			100	138	138	0.1	959.6 kcmil ACSS/TW	Steel Poles	Varies	0.1	Varies	na	25.101(c)(5)(A)	
OPT40690 (OPT40914 (R8489))	Luther - Vealmoor 138 kV Line: Vealmoor Retermination	Borden County	The scope of this project is to reterminate the Vealmoor - Luther 138 kV Line at its new terminal location at Vealmoor. This retermination will be 300 feet, utilizing only new conductor and shield wire. No new structures will be installed as a part of this project.	2/24/2020	3/1/2020	3/1/2020		58,000			100	138	138	0.1	795 MCM ACSR Drake	Steel Poles	Varies	0.1	Varies	0.0	25.101(c)(5)(A)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT40691 OPT40915 (R8489)	Longdraw - Vealmoor 345 kV Line: Vealmoor Reroute	Borden County	The scope of this project is to reroute the Longdraw - Vealmoor 345 kV Line at its new terminal location at Vealmoor.	1/26/2020	3/1/2020	3/1/2020		355,700			100	138	138	0.1	2 - 795 MCM ACSR Drake	Steel Poles	Varies	0.1	Varies	0.0	25.101(c)(5)(A)	
OPT40102	TxDOT Relocation 130 Crossing Forney-Mesquite 138kV Line	City of Mesquite, Dallas County	Relocation with new double circuit, steel monopole dead end and tangent structures.	2/5/2020	4/28/2020	4/28/2020		909,704			100	138	na	0.6	795 ACSR Drake	Steel Monopole Structures	100	0.3	na	na	25.101(c)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT40112	TxDOT Relocation 1635 Crossing Forney-Mesquite 138kV Line	City of Mesquite, Dallas County	Relocation with new double circuit, steel monopole dead end and tangent structures.	2/6/2020	4/28/2020	4/28/2020		1,164,170			100	138	na	1.3	795 ACSR Drake	Steel Monopole Structures	100	0.7	na	na	25.101(c)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
14T61006	Relocation for Skyline Landfill, Waxahachie-Ferris-Trinity Hts. 69kV Line	City of Ferris, Dallas County	Relocation with new single circuit, steel monopole dead end structures.	3/9/2020	5/15/2020	5/15/2020		2,053,620			100	69	na	1.2	959 ACSS/TW Suwannee	Steel Monopole Structures	100	1.2	100	0.7	25.101(c)(5)(D)	Structure relocation is at the request of Waste Management of Texas Inc. and is 100% reimbursable by Waste Management of Texas Inc.
OPT39936	Relocation for Bremond Mine, Lake Creek-Jewett-Twin Oak 345kV Line	City of Bremond, Robertson County	Relocation with new double circuit, steel lattice tower dead end and tangent structures.	8/22/2020	11/7/2020	11/7/2020		1,050,259			100	345	na	0.8	1590 ACSR Falcon (Bundled)	Steel Lattice Structures	230	0.8	230	0.4	25.101(c)(5)(D)	Structure relocation is at the request of Luminant and is 100% reimbursable by Luminant.
OPT40495	TxDOT Relocation US 59 Lufkin-Diboll East Loop 138kV Line	City of Diboll, Angellina County	Relocation with new single circuit, concrete H-frame tangent structures.	3/23/2020	4/28/2020	4/28/2020		747,185			100	138	na	0.5	336 ACSR Linnet (Non-Bundled)	Concrete H-frame Structures	100	0.5	na	na	25.101(c)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT40403 OPT40911 (R4101)	Commerce - Bonham 138 kV Line: Loring POI to Rayburn Lower Bois d'Arc Water Treatment Plant on the Commerce - Bonham 138 kV transmission line.	Fannin County	Establish the point of interconnection to Rayburn Electric Cooperative's Vinson substation for the Lower Bois d'Arc Creek Water Treatment Plant on the Commerce - Bonham 138 kV transmission line.	4/1/2020	6/22/2020	6/22/2020		1,147,132			100	138	na	0.3	795 ACSR	Steel Poles/ H-frame Switch	100	0.3	120	na	25.101(c)(5)(A)	Costs updated to include associated ROW estimates.
OPT40196	Greenville Ave SW - Matilda Sub 138 kV Line - Pumping Plant Replacement	City of Dallas, Dallas County	Replace the two existing 1000 gallon pumping plants at Greenville Ave SW with newer refurbished Schroeder 4500 gallon pumping plant.	2/28/2020	6/23/2020	6/23/2020		663,176			100	138	na	na	600 CU HPFF	Underground Transmission Line	na	na	na	na	25.101(c)(5)(B)	
OPT40216	Polk St. Sub - Polk Terminal 138 kV Line - Replace Terminations	City of Dallas, Dallas County	Replace the 138 kV Underground Transmission Terminations at Polk ST. SUB and Polk Terminal SUB	10/12/2020	11/6/2020	11/6/2020		715,000			100	138	na	na	600 CU HPFF	Underground Transmission Line	na	na	na	na	25.101(c)(5)(B)	
OPT40602	Canton Switch - Canton Sub 138 kV Line - Replace STR's 1/1 - 1/3	Van Zandt County	This is a CMPC project to replace STR's 1/1, 1/2, and 1/3 with (1) one steel dead-end pole and (1) one steel or concrete tangent pole.	4/20/2020	6/1/2020	6/1/2020		325,000			100	138	na	0.3	336 kcmil ACSR	Steel Poles	100	na	na	na	25.101(c)(5)(B)	
OPT40610	Edgemere Sub - Bandera Sub 138 kV Line - Terminations Replacement	City of Dallas, Dallas County	Replace existing terminations at Edgemere Terminal and Bandera Sub.	10/23/2020	11/7/2020	11/7/2020		736,000			100	138	na	na	900 kcmil Alu Okonite Cable	Underground Transmission Line	na	na	na	na	25.101(c)(5)(B)	
OPT39279 (R8242)	Jack Rabbit 138 kV Station: Cut-in	City of Odessa, Ector County	Line work and structure relocations to cut-in the Odessa - Midessa South Switch 138 kV Line to the new Jack Rabbit 138 kV Substation.	3/23/2020	5/12/2020	5/12/2020		2,000,000			100	138	na	0.1	1926.9 kcmil ACSS/TW	Steel Poles	50	0.1	na	na	25.101(c)(5)(A)	
OPT39796 (M5294)	Everman - Cedar Hill 345 kV line	City of Kennedale, Tarrant County	The 0.8 mile re-route will remove 6 steel tower structures. The new build will utilize six (7) dead-end steel monopole structures and three (2) double circuit tangent monopole structures. The existing 2-795 ACSR "Drake" conductor and shield wires will remain.	2/10/2020	5/11/2020	5/11/2020		3,557,262			100	345	na	0.8	795 kcmil ACSR	Steel Poles	100	0.8	na	na	25.101(c)(5)(B)	
OPT39783 (M5294)	Everman - Mansfield 138 kV line	City of Kennedale, Tarrant County	To build the 0.8 mile 138 kV line extension in the Everman Switch - Mansfield 138 kV line from existing structure 2/7 to the new Kennedale 138 kV terminals. This line will utilize steel monopole construction, seven (7) dead-end structures and four (4) tangent structures with anchor bolted foundations.	5/7/2019	6/19/2020	06/19/20		2,368,186			100	138	na	0.8	1926.9 kcmil ACSS/TW	Steel Poles	100	0.8	na	na	25.101(c)(5)(A)	
OPT40082	Bulldog - Coyote 138 kV Line: CMPC Pole Raise/Replace	City of Big Spring, Howard County	Replace 2 poles to meet clearance on Bulldog-Coyote 138kV Line	3/16/2020	4/9/2020	4/9/2020		350,000			100	138	na	0.1	795 ACSR	Concrete Monopole	70	0.1	na	na	25.101(c)(5)(B)	Legacy Sharyland Project
OPT39270 (R8497)	China Lake Sub - Sandstone SW (TNMP) 138 kV Line: Establishing China Lake Sub	Ward County	Line work associated with establish China Lake Substation	4/8/2020	6/23/2020	6/23/2020		1,200,000			100	138	na	0.3	959.6 kcmil ACSS/TW Suwannee	Steel Monopoles	na	na	100	0.3	25.101(c)(5)(A)	
OPT40957	Norwood - E Levee 138 kV Line: Harry Hines Sub Cut In	City of Dallas, Dallas County	This project is associated with establishing Harry Hines Substation by connecting the Norwood - East Levee 138 kV Line.	9/28/2020	12/28/2020	12/28/2020		1,329,601			100	138	na	0.3	1926.9 kcmil ACSS/TW Cumberland	Steel Poles	50	0.3	100	0.2	25.101(c)(5)(A)	
OPT39986 (R8486)	Spraberry Switch - Odessa EHV Switch 138 kV Line: Camp Pasture (Concho Parks) POD	Ector County	The scope of this project is to build a POD to COG Operating LLC's Concho Parks Substation on the Spraberry Switch - Odessa EHV Switch 138 kV Line.	2/17/2020	3/1/2020	3/1/2020		1,280,536			100	138	na	0.2	1926.9 kcmil ACSS/TW Cumberland	Steel Poles	50	0.2	na	na	25.101(c)(5)(B)	
OPT40413 (M4232)	Carrollton East - Renner/Norhaven 138kV Line: Rebuild Carrollton East - Farmers Branch Gillis	City of Farmers Branch, Dallas County	Rebuild the 2.9 mile section of the Carrollton East - Renner Sw/Norhaven Sw 138 kV Line from Carrollton East - Farmers Branch Gillis using conductor greater than 1926A.	3/29/2020	3/1/2021			11,739,544			61	138	na	2.9	1926.9 kcmil ACSS/TW Cumberland	Steel Poles	100	2.9	na	na	25.101(c)(5)(B)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT40246	Eagle Mountain Switch - Weatherford Switch 138 kV Line. Reconfigure Azle Sub Termination Point	City of Fort Worth, Tarrant County	Reconfigure the Eagle Mountain - Weatherford Switch 138 kV line at its new terminal location at Azle sub	4/9/2020	6/20/2020	06/20/20		805,441			100	138	na	0.1	1926.9 kcmil ACSS/TW Cumberland	Steel Poles	150	0.2	na	na	25.101(c)(5)(A)	
OPT39965	Corsicana Sub - Hillsboro Sub 69 kV Line - CMPC Line Hardening (Str. 3/13 & 3/14)	City of Hillsboro, Hill County	Relocate and replace 2 structures across I-35 for CMPC System Hardening	5/18/2020	6/1/2020	6/1/2020		450,000			100	69	na	0.1	3/0 ACSR Pigeon	Steel Poles	50	0.2	na	na	25.101(c)(5)(B)	
OPT40209 (M4295)	Sherry Switch - Fish Creek Switch 138 kV Line - Lakecrest Sub Cut-In	City of Grand Prairie, Dallas County	Line work associated to connecting the Lakecrest 138 kV Substation adjacent to the Fish Creek 138/69 kV Switch	4/6/2020	10/6/2020	10/6/2020		650,000			100	138	na	0.2	2 - 959.6 kcmil ACSS/TW/HS Suwannee	Steel Poles	150	0.2	na	na	25.101(c)(5)(A)	
17782174 (M5276)	Hilltop-White Settlement 69 kV Line - Sylvan 69 kV POI (BEC)	City of Weatherford, Parker County	Install a 69 kV POI for the Sylvan (BEC) Substation located in the Hilltop - White Settlement 69 kV Line	4/20/2020	6/1/2020	6/1/2020		1,200,000			100	69	na	1.3	2 - 4/0 ACSR Penguin	Steel and Concrete Poles	175	1.3	na	na	25.101(c)(5)(A)	
OPT39822 OPT39909 OPT39910 OPT39910 (M5295)	Chisholm Grid - Hicks Switch 138 kV Line. Provide a 138 kV POI for Chisholm Grid LLC Merchant Plant (MP)	City of Fort Worth, Tarrant County	Provide a 138 kV interconnection for Chisholm Grid LLC Merchant Plant (MP)	2/18/2020	12/15/2020	12/15/2020		910,100			100	138	na	0.2	959.6 kcmil ACSS/TW/HS Suwannee	Steel Poles	na	na	70	0.2	25.101(c)(5)(A)	
OPT41139 OPT42208 OPT42644	Crown Rd - Las Colinas 138 kV Line - CMPC Erosion Control	City of Dallas, Dallas County	This is an erosion control project that will mitigate the damage caused to Las Colinas Sub and structure 2/3 by a catastrophic slope failure. The project will entail installing a seacant pile wall to prevent future movement of the soil and re-grading to control the surface erosion	7/24/2020	12/1/2020	12/1/2020		2,093,742			100	138	na	na	na	na	na	na	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
18764121 (R6073)	Athens Switch - Tyler West 69 kV Line - Retermination at Tyler Switch	City of Tyler, Smith County	Reconfigure the Athens Switch - Tyler West 69 kV Line into Tyler Switch utilizing one new single circuit three pole structure. Also construct a bypass around Tyler Switch in order to construct the new Tyler Switch	2/21/2020	12/18/2020	12/18/2020		652,000			100	69	na	0.1	4/0 ACSR and 2/0 ACSR Penguin	Steel Monopoles	100	0.1	na	na	25.101(c)(5)(B)	
OPT40117 (R8356)	Odessa EHV Switch - Wolf Switch 138 kV Line - Rebuild Section	City of Monahans, Ward County	Rebuild a 2.3 mile section of the Odessa EHV - Monahans - Wolf Switch 138 kV Line to accommodate the Odessa EHV/Moss-Wolf section of the Odessa EHV/Moss - Riverfront 345 kV Line	3/9/2020	7/23/2020	7/23/2020		2,000,000			100	138	na	2.3	2 - 1926.9 kcmil ACSS/TW/HS Cumberland	Steel Poles	75	2.3	na	na	25.101(c)(5)(B)	
OPT39784	W. Plano Sub - Allen Switch 138 kV Line - Line Relocation	City of Plano, Collin County	Reroute a 0.55 mile portion of the W. Plano Sub - Allen Switch 138 kV Line	3/16/2020	6/30/2021			1,857,561			19	138	na	0.6	1926.9 kcmil ACSS/TW/HS Cumberland	Steel Monopoles	100	0.6	na	na	25.101(c)(5)(D)	Being updated to proposed cancel
18764118 OPT40570 OPT40711	Tyler - Swan #1 69 kV Line. Upgrade Black Fork Switch - Tyler Sub Section to 138 kV	City of Tyler, Smith County	Convert the Black Fork Switch - Tyler Sub Section from 69 kV to 138 kV by utilizing four single circuit steel monopole structures	3/14/2020	5/21/2020	5/21/2020		1,407,316			100	69	138	0.3	2 - 795 kcmil ACSR Drake	Steel Monopoles	100	0.3	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT39398	Leon Switch - Dublin Switch 69 kV Line - Magellan Pod	Comanche County	Line work to establish Magellan POD	4/10/2020	5/18/2020	5/18/2020		210,000			100	69	na	0.1	1/0 ACSR Raven	Steel Poles/ H-frame Switch	50	0.1	na	na	25.101(c)(5)(A)	
OPT40534	Morgan Creek Switch - Cosden Sub 138 kV Line - Line Work To Establish Brelyn Sub	City of Cahoma, Howard County	Cut-in to existing Morgan Creek - Cosden 138kV Line in order to establish new Brelyn Substation	3/18/2020	4/16/2020	4/16/2020		481,000			100	138	na	0.1	959 kcmil ACSS Suwannee	Concrete H-Frame	100	na	na	na	25.101(c)(5)(A)	
OPT40552	Taylor Sub - Hutto Switch 138 kV Line - Relocation At Request Of City Of Hutto	City of Hutto, Williamson County	Relocate structures to accommodate future land development for the City of Hutto	3/29/2021	5/15/2021			2,020,834			0	138	na	0.8	1926.9 kcmil ACSS Cumberland	Steel Monopole	100	na	80	na	25.101(c)(5)(F)	
OPT40715 (M3092)	Austin Ranch Sub - Josey Sub (BEP): Construct Line	City of The Colony, Denton County	Construct a 138 kV line from Austin Ranch Substation to establish Josey Substation	9/15/2021	11/15/2021						0	138	na	0.1	959.6 kcmil ACSS/TW/HS Suwannee	Steel Dead ends	na	na	100	0.1	25.101(c)(5)(A)	
OPT40707	Yuca Drive Switch - Wink Sub 69 kV Line - Dooley Sub Cut-in	City of Monahans, Ward County	Cut-in the Yuca Drive Switch - Wink Sub 69 kV Line to establish the new Dooley Substation	4/20/2020	6/30/2020	6/30/2020		191,378			100	69	na	0.4	BUNDLED (2X) 4/0 Penguin	Wood H-Frames	50	0.4	50	0.4	25.101(c)(5)(A)	
OPT41116 OPT404037 OPT41115 OPT41143 OPT41149 (M5066)	Hood - DeCordova 138 kV Line	City of Granbury, Hood County	Reconfigure the existing Hood - DeCordova, Benbrook - DeCordova, Everman - DeCordova, Cleburne - DeCordova, Comanche Peak - DeCordova from the existing DeCordova Sw. Sta. to the new Carmichael Bend Sw. Sta.	3/22/2020	12/28/2020	12/28/2020		5,184,792			100	138/345	na	2.5	959.6 kcmil ACSS/TW Suwannee & 1926.9 kcmil ACSS/TW Cumberland	Steel Towers and Poles	600	3.5	na	na	25.101(c)(5)(A)	
OPT41144 OPT41151 OPT41155 (M5066)	Carmichael - DeCordova 138 kV Line	City of Granbury, Hood County	Connect the new Carmichael Bend Sw. Sta. to the DeCordova Sw. Station and reconfigure the Mitchell Bend - DeCordova line from the existing DeCordova Sw. Sta. to the new Carmichael Bend Sw. Sta.	9/3/2020	3/31/2021			3,515,606			93	345	138	2.5	1590 kcmil ACSR 54/19 Falcon 959.6 kcmil ACSS/TW Suwannee	Steel Towers and Poles	600	2.5	na	na	25.101(c)(5)(A)	
OPT41215 (R8465)	Screwbean Tap - Screwbean Sub 138 kV Line. Rebuild 1/1 to 1/5	Culberson County	Rebuild a portion of the Screwbean Tap - Screwbean Sub 138 kV line	10/14/2020	12/28/2020	12/28/2020		1,234,000			100	138	na	0.8	1926.9 kcmil ACSS/TW/HS Cumberland	Steel Poles	na	na	150/ 100	0.8	25.101(c)(5)(B)	
OPT41240 (R6126)	Whinstone Sub - Sandow Switch 138 kV Line. Install Whinstone POD	City of Rockdale, Milam County	This project is associated with establishing new POD from Sandow Switch to Whinstone US, Inc.	2/18/2020	4/6/2020	4/6/2020		460,000			100	138	na	0.1	(2) 959 ACSS/TW Suwannee	Steel Poles	100.00	0.1	na	na	25.101(c)(5)(A)	
OPT39419 (M5293)	Valley Switch - Commerce Switch 138 kV Line. Connect Gobar 138 kV Switch	Wolfe City, Fannin County	Connect the Gobar 138 kV Switch to the Bonham - Wolfe City 138 kV line section of the Valley Switch - Commerce Switch 138 kV Line approximately 3.5 circuit miles from Wolfe City to establish a 138 kV point-of-interconnection (POI) for Coniglio Solar Generator.	10/5/2020	12/9/2020	12/9/2020		1,162,315			100	138	na	0.1	795 MCM ACSR	Steel poles	100	0.1	na	na	25.101(c)(5)(A)	
OPT39806	Stone Creek Switch - Denison Tap 138 kV Line. CMPC Line Hardening (Str 11/11 & 11/12)	City of Denison, Grayson County	Replace Structures 11/11 and 11/12 adjacent to US-75 in Denison, TX with concrete monopole structures	4/16/2020	5/4/2020	5/4/2020		504,900			100	138	na	0.1	795 kcmil ACSR Drake	Concrete Monopole	100	0.1	na	na	25.101(c)(5)(B)	

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
January 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (if Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT38007 OPT40875	Stone Creek Switch - Denison Tap 138 kV Line: CMPC Line Hardening (Str 17/4 & 17/5)	City of Denison, Grayson County	Replace Structures 17/4 and 17/5 adjacent to US-75 in Denison, TX with steel H-Frame structures	4/7/2020	5/4/2020	5/4/2020		642,677			100	138	na	0.1	795 kcmil ACSR Drake	Steel H-Frame	70	0.1	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT41178	Barber Lake Switch - Morgan Creek Switch 138 kV Line: CMPC Line Hardening Str. 5/1 & 5/2 (West Circuit)	Mitchell County	Replace wood H Frame structures 5/1 and 5/2 on the West circuit of the Barber Lake Switch - Morgan Creek Switch 138 kV Line crossing the Union Pacific Railroad west of Colorado City, TX with concrete H Frame structures.	4/27/2020	5/8/2020	5/8/2020		307,607			100	138	na	0.1	636 ACSR Grosbeak	Concrete H-Frame	50	0.1	na	na	25.101(c)(5)(B)	
OPT41180	Barber Lake Switch - Morgan Creek Switch 138 kV Line: CMPC Line Hardening Str. 5/1 & 5/2 (East Circuit)	Mitchell County	Replace wood H Frame structures 5/1 and 5/2 on the East circuit of the Barber Lake Switch - Morgan Creek Switch 138 kV Line crossing the Union Pacific Railroad west of Colorado City, TX with concrete H Frame structures.	4/24/2020	5/4/2020	5/4/2020		304,905			100	138	na	0.1	636 ACSR Grosbeak	Concrete H-Frame	50	0.1	na	na	25.101(c)(5)(B)	
OPT41198 (R8496)	Stanton East Switch - Big Spring Switch 138 kV Line: Cut in Beals Creek Sub	Howard County	Cut in the Stanton East - Big Spring 138 kV line to establish the new Beals Creek Sub	4/19/2020	5/4/2020	5/4/2020		214,764			100	138	na	0.2	959.6 kcmil ACSR/TW/HS Suwannee	Steel Monopole	50	0.2	na	na	25.101(c)(5)(A)	
OPT38203 OPT40990 (R8462)	Shipwreck Sub - Midkiff Sw 138 kV Rebuild	Reagan County, Upton County	Rebuild the 69 kV transmission line from Shipwreck Sub to Midkiff SW as a double circuit 138 kV transmission line on steel structures.	5/29/2020	11/10/2020	11/10/2020		13,695,453			100	69	138	20.6	959.6 kcmil ACSR Suwannee	Steel Monopoles	50	10.3	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT03963 (R6073)	Canton Switch - Elktion Switch 138 kV: Retermination at Tyler Switch	City of Tyler, Smith County	Connect the new Tyler Switch station to the 138 kV Elktion Switch and Canton Switch stations.	10/26/2020	12/9/2020	12/9/2020		242,113			100	138	na	0.1	795 kcmil 26/7 ACSR Drake	Steel Poles	100	na	na	na	25.101(c)(5)(A)	
OPT41322 (R6071)	Tyler - Tyler West 138 kV: Retermination at Substations	City of Tyler, Smith County	Connect the new Tyler 138 kV substation to the Tyler West Substation.	5/25/2020	10/23/2020	10/23/2020		980,278			100	69	138	0.3	795 kcmil 26/7 ACSR Drake	Steel Poles	varies	na	na	na	25.101(c)(5)(A)	
OPT38802	Denison Dam Tap - Valley Switch 138 kV Line: CMPC Line Hardening	City of Denison, Grayson County	Relocate and replace 3 structures across US-75 for CMPC System Hardening	3/5/2020	4/20/2020	4/20/2020		576,138			100	138	na	0.1	795 kcmil ACSR Drake	Concrete & Wood H-Frames	100	0.1	na	na	25.101(c)(5)(B)	
OPT38805	Stone Creek Switch - Denison Tap 138 kV Line: CMPC Line Hardening	City of Sherman, Grayson County	Relocate and replace 2 structures across US-75 for CMPC System Hardening	3/26/2020	4/20/2020	4/20/2020		616,768			100	138	na	0.1	795 kcmil ACSR Drake	Concrete H-Frames	100	0.1	na	na	25.101(c)(5)(B)	
OPT41092	Corn Trail Switch - Brown Switch 345 kV Line: CMPC Insulator Replacement	Comanche/Comanche County	Replace insulators on the Corn Trail - Brown 345 kV Line.	3/25/2020	4/15/2021			2,635,498			76	345	345	45.1	2 - 1590 kcmil ACSR Falcon	Steel Lattice Towers	160	45.1	na	na	25.101(c)(5)(B)	
OPT41134	DART Cotton Belt Relocation Northaven Sw. Sta. - Renner Sw. Sta. 138kV Line	City of Addison, Dallas County	Relocation with new double circuit, steel monopole dead end and tangent structures.	2/15/2021	3/31/2021			1,629,745			0	138	na	1.1	1926 ACSS/TW Cumberland (Non-Bundled)	Steel Monopole Structures	varies	0.5	na	na	25.101(c)(5)(F)	Relocation is at the request of the Dallas Area Rapid Transit (DART) and is 100% reimbursable by the Dallas Area Rapid Transit (DART).
OPT41225	TxDOT NTE 3C Relocation I-35 Crossing Eagle Mtn-Roanoke 345kV (Alliance Substation Tap) Line	City of Keller, Tarrant County	Relocation with new double circuit, steel lattice tangent structures.	3/23/2020	4/28/2020	4/28/2020		516,263			100	345	na	1.0	1590 ACSR Falcon (Bundled)	Steel Lattice Structures	150	0.5	na	na	25.101(c)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41470	TxDOT US 59 Nacogdoches Relocation Nacogdoches-Loop South Section 138kV Line	City of Nacogdoches, Nacogdoches County	Relocation with new single circuit, concrete H-frame tangent structures.	3/9/2020	4/28/2020	4/28/2020		856,236			100	138	na	0.3	336 ACSR Linnet (Bundled)	Concrete H-frame Structures	100	0.3	na	na	25.101(c)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT40515	Gainesville North Switch - Spring 138 kV Line - System Hardening (str. 41/9 & 42/1)	City of Gainesville, Cooke County	Replace Structures 41/9 & 42/1 adjacent to I-35 in Gainesville, TX consisting of existing single-circuit wooden H-frames with concrete H-frames.	9/15/2021	12/31/2021						0	138	na	0.1	795 ACSR	Concrete H-Frame	100	0.1	na	na	25.101(c)(5)(B)	
OPT38167 (M4178)	Plano West Sub-Richardson East Sub 138 kV Line: Retermination line at Plano Switch	City of Richardson, Collin County	Retermination Line work on the Plano West Sub - Richardson East Sub 138 kV line.	3/26/2020	12/1/2020	12/1/2020		455,000			100	138	na	0.3	2-959.6 kcmil ACSR/TW	Steel Pole	100	0.3	na	na	25.101(c)(5)(A)	This is a 100% reimbursable project by Texas Instruments
OPT41602 (M4178)	Allen Switch- Plano West Switch 138 kV Line: Establish POD	City of Richardson, Collin County	Retermination Line work on the Allen Switch - Plano West Switch 138 kV line.	3/26/2020	12/1/2020	12/1/2020		556,000			100	138	na	0.3	2-959.6 kcmil ACSR/TW	Steel Pole	100	0.3	na	na	25.101(c)(5)(A)	This is a 100% reimbursable project by Texas Instruments
OPT40559	Wink Switch - Culberson Switch 138 kV Line: Cut in Willow Wells Substation	City of Odessa, Winkler County	Establish the new Willow Wells Substation as a Point of Delivery for Oasis petroleum out of the Willow Wells substation.	4/20/2020	5/15/2020	5/15/2020		1,150,000			100	138	na	0.1	1926 ACSS/TW Cumberland (Non-Bundled)	Steel Monopole Structures	50	0.1	na	na	25.101(c)(5)(A)	The new transmission line is going to reside on Oncor fee owned property.
OPT40577 OPT41514	Stone Creek Switch - Gainesville Sub 69 kV Line - Camp Howee Tap: MCPC Line Hardening (str. 4/6 & 4/7)	City of Gainesville, Cooke County	Replace Structures 4/6 & 4/7 adjacent to I-35 in Gainesville, TX consisting of existing single-circuit wooden H-frames with concrete H-frames.	10/1/2021	12/31/2021						0	69	na	0.3	1/0 ACSR	Concrete H-Frame	147	0.3	na	na	25.101(c)(5)(B)	
OPT40814 OPT40883 OPT41439	Saint Lawrence - East Stiles 138 kV Line: Blissard Retermination	Glasscock County	Reterminate the Saint Lawrence - East Stiles 138 kV line at a new terminal location in Blissard Sub. The new Blissard Sub will be located immediately east of the existing Saint Lawrence Sub.	4/6/2020	5/15/2020	5/15/2020		393,766			100	138	138	0.1	1926.9 ACSS/TW	Steel Poles	90	0.1	90	0.1	25.101(c)(5)(A)	Costs updated to include associated ROW estimates.
OPT41233 (M3211)	Roanoke Switch - Euless 138 kV Line: OPGW Replacement	City of Grapevine, Tarrant County	Replace the existing shield wire on the 7/8 - Grapevine Ball Street section (1.8 miles) of the Roanoke Switch - Euless 138 kV Line with 0.546" OD 48 count OPGW. Additionally, Grapevine Junction will be reconfigured by re-terminating the conductor from structure 15/10W to 15/10E.	2/14/2021	2/28/2021			495,463			0	138	138	1.8	1926.9 ACSS/TW	Steel Poles	Varies	1.8	na	na	25.101(c)(5)(A)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT41264	Canton Switch - Elton Switch 138 kV Line - Replace Str's 36/8 & 36/8a	Van Zandt County	Replace existing wood 4-Poles with new wood 3-Poles for structures 36/8A and 36/8. Replace Floating Deadends and Jumpers to Wave Trap.	4/22/2020	5/1/2020	5/1/2020		155,000			100	138	138	0.1	636 ACSR	Wood Poles	100	0.1	na	na	25.101(c)(5)(B)	
17765200	West Levee - Norwood 345 kV: Install OPGW	City of Dallas, Dallas County	Replace 3/8" shield wire with OPGW to the West Levee - Norwood 345 kV 0.1 miles 2 spans	5/2/2020	12/15/2020	12/15/2020		105,489			100	345	345	0.1	OPGW	Steel Poles	150	0.1	na	na	25.101(c)(5)(B)	
OPT41453 (R6126)	Sandow SES (Tie #3) - Sandow Switch 138kV Line: Relocate Sandow Sw Terminal	City of Rockdale, Milam County	Relocation of Sandow Switching Station - Alcoa Switching Station 138 kV Line #3 to the position in Sandow Switching Station served by 138 kV breakers No. 9300 and 9305 to establish POD.	3/19/2020	4/8/2020	4/8/2020		360,000			100	138	na	0.1	2-959 ACSR/TW Suwannee	Steel Poles	100	0.1	100	0.1	25.101(c)(5)(A)	
OPT37449 (M4131)	Cedar Hill Sw - Sorcery Road Sub-Cedar Hill Sub 138kV Line Rebuild (Phase 1)	City of Cedar Hill, Dallas County	Upgrade the 2.6-mile Sorcery Road Sub to Cedar Hill Sw 138 kV line.	12/3/2020	5/15/2021			9,690,000			11	138	na	2.6	1926 9 kcmil ACSS/TW Cumberland	Steel Poles	250	2.6	na	na	25.101(c)(5)(B)	
OPT03990 (M4131)	Cedar Hill Sw - Sorcery Road Sub-Cedar Hill Sub 138kV Line Rebuild (Phase 2)	City of Cedar Hill, Dallas County	Upgrade the 1.7-mile Cedar Hill Sub to Sorcery Road Sub 138 kV line.	9/16/2021	12/15/2021						0	138	na	1.7	1926 9 kcmil ACSS/TW Cumberland	Steel Poles	250	1.7	na	na	25.101(c)(5)(B)	
OPT03996 (M4131)	Cedar Hill Sw - Sorcery Road Sub-Cedar Hill Sub 138kV Line Rebuild (Phase 3)	City of Cedar Hill, Dallas County	Upgrade the 0.8-mile Duncanville South Loop 138 kV line.	9/13/2021	12/15/2021						0	138	na	0.8	1926 9 kcmil ACSS/TW Cumberland	Steel Poles	75	0.8	na	na	25.101(c)(5)(B)	
OPT41582 (M5313)	Krum West Switch - Anna Switch 345 kV Line: Connect Cedar Elm 345 kV Switch	City of Era, Cook County	Line work associated with connecting the 345 kV Cedar Elm Switch	10/14/2020	12/14/2020	12/14/2020		1,940,000			100	345	na	0.2	2-1926 9 kcmil ACSS/TW Cumberland	Steel Poles	100	0.1	100	0.1	25.101(c)(5)(A)	
OPT39030	Temple Elm Creek Sub - Belton Sub 138 kV Line - Relocation for BNSF	City of Tyler, Bell County	Relocation of structure 33/16 on the North Temple - Belton 138 kV Line for BNSF Railway to accommodate railroad modifications. The existing structure is a 150' DCSP tangent.	7/30/2020	10/12/2020	10/12/2020		600,000			100	138	na	0.0	2- 1590 ACSR Falcon	Steel Monopoles	100	0.0	na	na	25.101(c)(5)(E)	
OPT41445	Eagle Mountain Switch - Weatherford Switch 138 kV Line: Raise Structure 61/8	Azle, Parker County	Raise and replace structure 61/8 with a taller wood H-Frame to accommodate BEPC's new distribution bay.	3/30/2020	4/1/2020	4/1/2020		36,323			100	138	138	1.2	636 ACSR	Wood H-Frame	50	1.2	na	na	25.101(c)(5)(B)	
OPT40459 OPT42382 (R6524)	Riverton Switch - Tunstall POD 138 kV Line: Install Roadrunner POD for BP's Aspen	Reeves County	Establish the point of delivery to BPX Energy's Aspen substation on the Riverton Switch - Tunstall POD 138 kV transmission line.	8/17/2020	12/2/2020	12/2/2020		1,932,614			100	138	na	0.2	959 6 kcmil ACSS/TWHS Suwannee	Steel Poles & H-Frame Switch	70	na	70	0.2	25.101(c)(5)(A)	Costs updated to include associated ROW estimates.
OPT39453 (R6521)	Midessa South Switch - Midland Airport Sub 138 kV Line: Install Nobles POD for Diamondback's Spanish Trails Sub	Midland County	Establish the point of delivery to Diamondback's Spanish Trails substation on the Midessa South Switch - Midland Airport 138 kV transmission line.	8/7/2020	12/2/2020	12/2/2020		505,000			100	138	na	na	1590 kcmil ACSR Falcon	Steel Poles & H-Frame Switch	75	na	na	na	25.101(c)(5)(A)	
OPT39979 OPT41108 (R6533)	SL Brown - Grady 138 kV Line: Oceanic POD for Endeavor's Olympus Sub	Martin County	Establish the point of delivery to Endeavor Energy's Olympus substation on the Brown - Grady 138 kV transmission line.	8/14/2020	12/9/2020	12/9/2020		2,053,000			100	138	na	0.2	1926 9 kcmil ACSS/TW Cumberland	Steel Poles & H-Frame Switch	70	na	100	0.2	25.101(c)(5)(A)	
OPT40386 OPT41330 (R6537)	SL Brown - Grady 138 kV Line: Install Red Salt POD For Diamondback Cobra	Martin County	Establish the point of delivery to Diamondback's Cobra substation on the Brown - Grady 138 kV transmission line.	8/16/2020	10/7/2020	10/7/2020		2,545,000			100	138	na	0.4	1926 9 kcmil ACSS/TW Cumberland	Steel Poles & H-Frame Switch	70	na	100	0.4	25.101(c)(5)(A)	
OPT39402 (R6536)	Spraberry Switch - Midland East Sub 138 kV Line: Fairgrounds POD for Centurion's Midland Tank Farm	Midland County	Establish a point of delivery to Centurion Pipeline, LLC on the Spraberry - Midland East 138 kV line.	9/22/2020	12/9/2020	12/9/2020		1,733,385			100	138	na	0.2	1926 9 kcmil ACSS/TW Cumberland	Steel Poles & H-Frame Switch	50	na	100	0.2	25.101(c)(5)(A)	
OPT39833 (R6540)	LCRA Crane - Crane East 138 kV Line - Manning (Hazel) POD for Concho Chickadee Neal via LCRA Motorman Switch	Upton County	Establish the point of delivery from LCRA's Motorman Switch to Concho's Chickadee Neal on the Crane - Crane East 138 kV (LCRA) transmission line.	11/1/2021	12/30/2021						0	138	na	0.1	1926 9 kcmil ACSS/TW Cumberland	Steel Poles & H-Frame Switch	na	na	100	0.1	25.101(c)(5)(A)	
18164017	Salado - Round Rock 138 kV Line: cut-in to establish Salado South Substation	Bell County	This project will cover the cost to cut-in the Salado - Round Rock 138 kV line to establish the new Salado South Substation.	7/31/2020	12/1/2020	12/1/2020		949,746			100	69/138	138	0.2	1926 9 kcmil ACSS/TW Cumberland	Steel Poles	100	0.2	na	na	25.101(c)(5)(A)	
18164084 OPT37434 (R6061)	Jewett Switch - Crockett 138 kV Line: Rebuild Jewett Switch to Centerville Sub	City of Jewett, Jewett County	Rebuild the 7.2 mile section from Jewett Switch to Centerville Substation of the Jewett - Crockett 138 kV Line, using double-circuit structures with one circuit in place.	9/8/2019	12/14/2020	12/14/2020		15,454,717			100	138	138	7.2	959 6 kcmil ACSS/TW	Steel Poles	100	7.2	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT39859	Hillsboro Sub - Elm Mott Sub 69 kV Line - Tower Replacement	Hill County	Replace damaged tower 107 on the Hillsboro - Elm Mott 69 kV line.	4/28/2020	6/1/2020	6/1/2020		119,314			100	69	69	0.10	1/0 MCM Cu	Steel Lattice Tower	70	0.10	na	na	25.101(c)(5)(B)	
OPT42028	Stryker Creek Switch - Tyler Grande Switch 138 kV Line: Structure 4/6 to 4/6 Insulator Failure	City of Tyler, Cherokee County	Replaced damaged insulators due to storm damage	3/4/2020	3/8/2020	3/8/2020		430,000			100	138	138	0.2	1233 6 kcmil ACSS/TW Yukon	Concrete Poles	100	0.2	na	na	25.101(c)(3)	Emergency Storm Restoration
OPT41539 (R6526)	Owl Hills Sub - Tunstall POD 138 kV Line: Install Second Circuit	Culberson and Reeves Counties	Install second circuit to the Owl Hills - Tunstall POD 138 kV Line.	3/1/2021	5/15/2021						0	138	na	18.5	1826 9 kcmil ACSS/TW	Steel Poles	70	18.5	na	na	25.101(c)(5)(C)	Second circuit to the 48582 Owl Hills - Tunstall POD 138 kV Line CCN.
OPT41577	Saginaw Switch - Roanoke Switch 138 kV Line - Tower Replacement	Haltom City, Tarrant County	Damaged leg extension on structure 03/04 on the Saginaw Switch - Roanoke Switch 138 kV line. The scope entails replacing the existing structure with a double circuit concrete tangent pole.	9/22/2020	12/1/2020	12/1/2020		273,254			100	138	na	0.1	1926 9 kcmil ACSS/TW	Concrete Pole	125	0.1	na	na	25.101(c)(5)(B)	
OPT38110 (M5278)	Everman Switch - Venus Switch 345 kV Line - Reterminate at Timberview Switch	City of Everman, Tarrant County	Reterminate the Everman Switch - Venus Switch 345 kV Line from Everman Switch to new Timberview Switch.	8/16/2021	12/15/2021						0	345	na	0.3	2-959 6 kcmil ACSS/TW Suwannee	Steel Tower	150	0.1	150	0.2	25.101(c)(5)(A)	
OPT38112 (M5278)	Benbrook Switch - Everman Switch 345 kV Line - Retermination at Timberview Switch	City of Everman, Tarrant County	Reterminate the Benbrook Switch - Everman Switch 345 kV Line from the Everman Switch to new Timberview Switch.	8/16/2021	12/15/2021						0	345	na	0.3	2-959 6 kcmil ACSS/TW Suwannee	Steel Tower	150	0.1	150	0.2	25.101(c)(5)(A)	
OPT38113 (M5278)	Everman Switch - Cedar Hill Switch 345 kV Line - Retermination at Timberview Switch	City of Everman, Tarrant County	Reterminate the Everman Switch - Cedar Hill Switch 345 kV Line from the Everman Switch to new Timberview Switch.	8/16/2021	12/15/2021						0	345	na	0.3	2-959 6 kcmil ACSS/TW Suwannee	Steel Tower	150	0.1	150	0.2	25.101(c)(5)(A)	

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT38114 (M5278)	Everman Switch - DeCordova Switch 345 kV Line - Retermination at Timberview Switch	City of Everman, Tarrant County	Retermination the Everman Switch - DeCordova Switch 345 kV Line from Everman Switch to new Timberview Switch	8/16/2021	12/15/2021						0	345	na	0.3	2-959.6 kmil ACS/TW Suwannee	Steel Tower	150	0.1	150	0.2	25.101(c)(5)(A)	
OPT41781 (R6127)	Navarro Switch - Watermill Switch 345 kV Line - Line modification to connect Elrod Switch	City of Corsicana, Navarro County	Line work associated with connecting the 345 kV Elrod Switch	3/1/2021	4/21/2021						0	345	na	0.1	2-1590 kmil ACSR Falcon	Steel Tower	160	0.1	na	na	25.101(c)(5)(A)	
OPT41810 (R984)	Allen Sw - Monticello Sw 345kV Line - Stouts Creek Cut In	City of Sulphur Springs, Hopkins County	Line work associated with connecting the 345 kV Stouts Creek Switch	9/21/2021	11/1/2021							345	na	35.0	2-795 kmil ACSR Drake	Steel Tower	170	35.0	na	na	25.101(c)(5)(A)	
OPT42027	Jewett Switch - Big Brown Switch 345 kV Line - Structure 28/4 Insulator Failure	City of Palestine, Freestone County	This Work Authorization is for the material and labor associated with replacing damaged insulator at Structure 28/4 due to storm damage on the Jewett Switch - Big Brown Switch 345 kV Line.	3/4/2020	3/13/2020	3/13/2020		459,000			100	345	345	32.91	795 ACSR "Drake"	Steel Lattice	160	32.91	na	na	25.101(c)(3)	Emergency Storm Restoration
17765237 (M4216)	Simpson Stuart - Camp Wisdom 138 kV Line - Rebuild	City of Dallas, Dallas County	Upgrade the 3.7 mile Simpson Stuart - Camp Wisdom Road 138 kV Line section of the Cedar Hill - Watermill 138 kV Line.	10/21/2020	5/15/2021			5,734,334			42	138	138	3.70	959.6 kmil ACS/TW	Steel Poles	Varies	3.70	Varies	na	25.101(c)(5)(B)	
19763004 OPT41332 OPT43620 (R9025)	Ennis Creek Sw Sta. - Bec Salt Creek Sw Sta. 69 kV - Rebuild To 138 kV (eng)	City of Snyder, Scurry County	Rebuild the existing 9.0 mile single circuit wood pole Ennis Creek - Cogdell 69 kV line as the Ennis Creek - Rough Creek 138 kV Line utilizing 138 kV double circuit steel poles with one circuit in place.	8/10/2020	12/31/2020			11,482,371			99	69	138	9.00	959.6 kmil ACS/TW	Steel Poles	50	9	70	0.8	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT42274 OPT42275 (R8546)	Wolf - Aroya 138kV Line - Reterminate Aroya End at Yucca to establish Wolf - Yucca #2 Circuit 138 kV Line Wink - Yucca 138kV Line - Reterminate Yucca End at Aroya Switch to establish Wink - Aroya 138 kV Line	City of Monahans, Ward County	Disconnect the existing Yucca Drive Switch - Wink Switch 138 kV Line and Aroya Switch - Wolf Switch 138 kV Lines where the two lines intersect. Connect the lines in the new configuration to create the new Yucca Drive Switch - Wolf Switch 138 kV Line. Connect the lines in the new configuration to create the new Aroya Switch - Wink Switch 138 kV Line.	4/23/2020	5/15/2021			730,000			85	138	na	0.20	959 kmil ACS/TW Suwannee & 2-959 kmil ACS/TW Suwannee	Steel Poles & Wood Poles	75	0.2	na	na	25.101(c)(5)(B)	This project is planned to reconfigure two existing circuits to reduce operational constraints in the area due to continued load growth. In order to complete this reconfiguration prior to the summer clearance moratorium, Oncor is unable to list this project in compliance with 16 Tex. Admin Code § 25.83(c)(1), but is instead providing 20 days' pre-construction notice with today's filing.
OPT37565 (R8456)	Horseshoe Springs Switch - Owl Hills Sub 138 kV Line - Chimney Well POD	Culberson County	Build a Point of Delivery (POD) to Chevron USA Inc.'s Chimney Well POD on the new Horseshoe Springs Switch - Owl Hills Sub 138 kV Line.	6/1/2019	12/31/2019	12/31/2019		952,291			100	na	138	0.10	959.6 kmil ACS/TW	Steel Poles	na	na	90	0.10	25.101(c)(5)(A)	
OPT04031 (R9026)	Dermott Switch - Golden Switch 138 kV Line - Ennis Creek Switch Station Retermination	City of Snyder, Scurry County	This project is to reterminate the Dermott Switch - Snyder Switch 138 kV Line at its new terminal following the rebuild of the Ennis Creek Switch Station.	9/16/2020	12/23/2020	12/23/2020		841,896			100	138	na	0.10	1926.9 kmil ACS/TW	Steel Poles	50	0.10	na	na	25.101(c)(5)(B)	
OPT42070 OPT42842 (R8346)	Odessa North - Odessa Basin Switch - Odessa Basin 69 kV Line - Retermination	Odessa County	Reterminate the Odessa North - Odessa Basin Switch - Odessa Basin 69 kV Line to aid in the demolition of Odessa Basin Switch station by installing one single-circuit steel pole.	9/8/2020	11/9/2020	11/9/2020		453,225			100	69	69	0.10	959.6 kmil ACS/TW	Steel Pole	50	0.10	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT41677 (M364)	Texas Instruments Sub - Beltline Sub 138 kV Line - Structure replacement	City of Richardson, Dallas County	Replace existing tower T-448 on the Texas Instruments Sub- Beltline Sub 138kV and install a new double circuit span into the rebuilt Richardson Spring Valley Sub.	10/24/2020	12/15/2020	12/15/2020		1,344,098			100	138	138	0.10	1926.9 kmil ACS/TW	Steel Pole	100	0.10	na	na	25.101(c)(5)(B)	
OPT41191	TxDOT I-20 at CR 1250 Relocation Midessa 138kV tap line	City of Midland, Midland County	Relocation of structure on Midessa 138 kV tap line.	9/8/2020	11/7/2020	11/7/2020		1,087,902			100	138	na	1.04	1926 ACSB Cumberland	Steel Monopole Structures	75	0.52	na	na	25.101(c)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41129	2020 CMPC Big Spring District, Morgan Creek Switch-Falcon Seaboard Sub. 345 kV Line Str. 18/5	City of Big Spring, Howard County	Rebuild the section of the Morgan Creek-Midland East 345 kV Line that crosses South Farm to Market (FM) 821 in Howard County	9/27/2020	11/1/2020	11/1/2020		489,358			100	345	na	0.33	2-795 ACSR Drake	Lattice Tower Structure	150	0.33	na	na	25.101(c)(5)(B)	
OPT41131	2020 CMPC Odessa District, Falcon Seaboard Sub-Midland East Sub. 345 kV Line Str. 68/2	City of Midland, Midland County	Rebuild the section of the Morgan Creek-Midland East 345 kV Line that crosses N. County Rd. 1135 in Midland County	9/23/2020	10/17/2020	10/17/2020		675,424			100	345	na	0.38	2-95 ACSR Drake	Lattice Tower Structure	150	0.38	na	na	25.101(c)(5)(B)	
OPT41118	2020 CMPC Sweetwater District, Morgan Creek Switch-Falcon Seaboard Sub. 345 kV Line, Str. 12/5	City of Colorado City, Mitchell County	Rebuild the section of the Morgan Creek-Midland East 345 kV Line that crosses N. County Rd. 1135 in Midland County.	10/5/2020	11/1/2020	11/1/2020		489,358			100	345	na	0.35	2-795 ACSR Drake	Lattice Tower Structure	150	0.35	na	na	25.101(c)(5)(B)	
OPT39676	Carrollton East Switch - Northaven Switch 138 kV Line - Farmers Branch Retermination	City of Addison, Dallas County	Reterminate the existing Carrollton East Switch - Northaven Switch 138 kV Line at Farmers Branch Substation to a new structure.	9/21/2020	12/2/2020	12/2/2020		369,671			100	138	na	0.10	795 ACSR Drake	Steel Poles	70	0.10	na	na	25.101(c)(5)(A)	
OPT41977	Sweetwater No.2 Sub - Colorado City Sub 69 kV Line - Line work associated with Loraine Sub Decommission	City of Loraine, Mitchell County	Line work associated with the decommission of Loraine Sub.	2/25/2021	5/31/2021			119,570			0	69	na	0.10	4/0 ACSR Penguin	Wood Poles	50	0.10	na	na	25.101(c)(5)(A)	
OPT41189 OPT40230 (R8506)	SL Clearfork Switch - Telephone Road Switch 345 kV Line - Line work to establish Gardendale 345 kV Switch NTUSU Clearfork Switch - Telephone Road Switch 345 kV Line - Reterminations and Modifications Only	City of Andrews, Andrews County	Line work to cut into Clearfork Switch - Telephone Road Switch 345 kV Line to establish Gardendale 345 kV Switch.	9/19/2020	10/26/2020	10/26/2020		1,462,757			100	345	na	0.10	2-1926.9 kmil ACS/TW Cumberland	Steel Towers	135	0.10	na	na	25.101(c)(5)(A)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (if Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT41505 (R8380)	Yucca Drive Switch - Sand Lake Switch 138 kV Line - Modify for Sand Lake - Solstice 345 kV Line	Ward County	Modifying the existing Yucca Drive Switch - Sand Lake Switch 138 kV Line by lowering it from Structure 35/3 to Structure 35/5 for new the Sand Lake - Solstice 345 kV Line to fly over the existing 138 kV line.	9/11/2020	10/8/2020	10/8/2020		950,000			100	138	138	0.40	1926.9 MCM ACSS/TW/HS Cumberland	Steel Poles	70	0.20	na	na	25.101(c)(5)(B)	
OPT41108	Eagle Mountain Ses - Wichita Falls 138 kV Line - Hb 4150 Lake Arrowhead Crossing	City of Henrietta, Clay County	Rebuild 0.1 mile section of the Eagle Mountain SES - Wichita Falls 138 kV line which crosses Lake Arrowhead	9/11/2020	12/1/2020	12/1/2020		212,670			100	138	na	0.20	636 km ASCR	Steel Poles	50.00	0.20	na	na	25.101(c)(5)(B)	
OPT41701	Escola Switch - Morgan Creek Switch 138 kV Line - Erosion Control	City of Colorado, Mitchell County	Build a erosion control guards around tower 131/18 on the Escola - Morgan Creek 138 kV line. A series of culverts will be installed on both sides of the tower to divert the water around the tower and protect the structure from future erosion. A retaining wall will also be installed and filled with selective backfill in the eroded area to ensure structural integrity in the soil.	12/1/2020	12/4/2020	12/4/2020		611,682			100	138	na	na	636 ACSS Grosbeak & 795 ACSS Drake	Steel Lattice Tower	50.00	0.10	na	na	25.101(c)(5)(B)	
OPT41738	Forest Grove Switch - Eustace SE Switch 138 kV Line - Retirement Only	Henderson County	This project is to retire 3.8 miles of the old Forest Grove Switch - Eustace SE 138 kV Line.	7/28/2020	8/21/2020	8/21/2020		230,000			100	138	0	3.80	1033 ACSS Curlew	Wood H-Frames	160.00	3.80	na	na	25.101(c)(5)(B)	
OPT41912	Sulphur Springs Switch - Carlton Switch 138 kV Line - Hb 4150 Lake Tawakoni Crossing	City of Willis Point, Hunt County	This is to rebuild a 0.1 mile section of the Sulphur Springs - Carlton Switch 138 kV Line.	9/16/2020	12/1/2020	12/1/2020		512,793			100	138	na	0.15	795 ACSS Drake	Steel Poles	100.00	0.15	na	na	25.101(c)(5)(B)	
17762074 17780098 (R4103)	Paris Switch-Rivercrest/Tenaska 138 kV Line (Lamar-Jct-Reno Tap Section) Rebuild	City of Paris, Lamar County	Rebuild the Lamar Tap - Reno Tap line section of the Paris Switch - Rivercrest - Tenaska 138 kV Line.	8/11/2020	12/9/2020	12/9/2020		14,175,844			100	138	na	5.30	2-959.6 MCM ACSS/TW/HS	Steel Poles	100.00	5.30	100.00	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT42509 (M4268)	Oakland Avenue Tap - Oakland Avenue Sub 138 kV Line - Install OPGW	City of Dallas, Dallas County	Reconductor the Oakland Avenue Tap - Oakland Avenue Substation 138 kV line section	10/2/2020	11/30/2020	11/30/2020		1,940,000			100	138	na	0.6	927.2 MCM ACAR	Steel Towers	100	0.6	na	na	25.101(c)(5)(B)	
OPT39227 (M5288)	Valley Switch - Commerce Switch 138 kV Line - Establish Copperhead Switch (Phoenix/GSE 1)	City of Bonham, Fannin County	Build 0.6 mile double-circuit tap to establish Copperhead Switch to pick-up merchant plant station, Phoenix (GSE 1).	10/28/2020	3/1/2021			3,086,380			99	na	138	0.6	959.6 ACSS/TW	Steel Poles	na	na	100	0.6	25.101(c)(5)(A)	
OPT42391 (R9025)	Dennett Switch - Scurry South Switch 345 kV Line - Replace Str. 7/1	City of Snyder, Scurry County	Replace structure 7/1 on the Dennett - Scurry South 345 kV line to provide additional clearance for the Ennis Creek - Rough Creek 138 kV Line Rebuild utilizing a new 345 kV tower.	11/8/2020	12/23/2020	12/23/2020		300,000			100	345	na	0.10	2-1926.9 kcmil ACSS/TW	Steel Tower	160	0.1	na	na	25.101(c)(5)(B)	
OPT38084 (M4245)	Norwood Switch - Denton Drive Switch 138 kV Line - Reconductor	City of Dallas, Dallas County	Reconductor the Norwood Switch - Denton Drive Switch 138 kV Line.	10/6/2020	5/15/2021			8,800,954			44	138	na	3.90	959.6 kcmil ACSS/TW (Bundled)	Steel Poles	100	3.9	na	na	25.101(c)(5)(B)	
OPT41981	Yucca Drive Switch - Northern Natural Gas 69 kV Line - Coyanosa Substation Retermination	City of Coyanosa, Pecos County	Reterminate the Coyanosa Station in the Yucca Drive Switch - Northern Natural Gas 69 kV Line.	3/1/2021	5/15/2021						0	69	na	0.50	4/0 ACSS Penguin	Steel Poles	50-75	0.50	65-80	0.3	25.101(c)(5)(A)	
OPT41002 (R8546)	McDonald Road Sw - Spraberry Sw. 138 kV Line - Thirty-six Draw POD for CrownQuest Operating Wraige Sub	City of Midland, Glasscock County	Establish the point of delivery to CrownQuest Operating's Wraige on the McDonald Road Sw - Spraberry Sw. 138 kV transmission line.	11/9/2020	3/30/2021			1,203,000			34	138	na	0.22	959 ACSS/TW	Steel Poles/ H-frame Switch	50	0.22	90.00	na	25.101(c)(5)(A)	
OPT38834 (R8544)	Andrews North - McKenzie Draw Switch 138 kV Line - Install Dillon POD for Diamondback's Cats POD	City of Andrews, Martin County	Establish the point of delivery to Diamondback's Cats substation on the Andrews North - McKenzie Draw 138 kV transmission line.	12/3/2020	3/26/2021			1,881,000			94	138	na	0.17	1926 ACSS/TW	Steel Poles/ H-frame Switch	70	na	100	0.17	25.101(c)(5)(A)	
OPT42244 OPT43238 (M5318)	Stone Creek Switch - Anna Switch 138 kV Line - Sprint POI for Rayburn's East Fork Sub	City of Anna, Collin County	Establish the point of delivery to Rayburn Country Electric Cooperative's East Fork substation on the Stone Creek Switch - Anna Switch 138 kV transmission line.	1/31/2021	5/10/2021			1,973,000			0	138	na	0.19	2-959 ACSS/TW	Steel Poles/ H-frame Switch	70	0.19	100	na	25.101(c)(5)(A)	
18765208 (M3047)	Renner Switch - Allen Switch/Plano Tennyson Switch 138 kV Line - Rebuild STR 11/4D - Plano Tennyson	City of Plano, Collin County	Rebuild the existing Renner - Allen/Plano Tennyson 138 kV line with double circuit, bundled conductor	9/20/2021	12/15/2021						0	138	na	1.70	2-959.6 ACSS/TW/HS Suwannee	Steel Poles	100	1.70	na	100	25.101(c)(5)(B)	
OPT42436 (R6071)	Tyler Northwest Switch - Tyler Northeast Sub 138 kV - Reterminate to Tyler Northwest Switch	City of Tyler, Smith County	Reterminate the existing 138 kV line from Shamburger - Black fork into the Tyler Northwest Station	4/26/2021	5/15/2021						0	138	na	0.10	959.6 ACSS/TW/HS Suwannee	Steel Poles	100	0.1	na	na	25.101(c)(5)(A)	
OPT40854 OPT42533 (R6079)	Tyler Switch - Elton Switch 138kV Line Rebuild	City of Tyler, Smith County	Rebuild the 5.3 mile Tyler Switch - Elton Switch 138kV Line, using 138kV double-circuit structures with one circuit in place using a conductor rated 2071 A or greater.	1/18/2021	5/15/2021			11,272,304			0	138	na	5.30	1926.9 kcmil ACSS/TW	Steel Poles	100	5.3	na	na	25.101(c)(5)(B)	
OPT41578 OPT41235 (R3003)	SL AEE - White River 345kV - Retermination at Blackwater Draw	City of Lubbock, Lubbock County	Reterminate the two circuits currently coming into Abernathy station into their newly constructed terminal locations at Blackwater Draw which is located on same property roughly 800' north.	1/4/2021	4/20/2021			2,292,400			24	345	na	1.40	2-959.6 ACSS/TW	Steel Poles	100	0.45	100	0.95	25.101(c)(5)(A)	
OPT42077	Edgewood Switch - Terrell Switch 69 kV Line - Hb 4150 Lake Tawakoni Crossing	City of Willis Point, Hunt County	Rebuild section of the Edgewood - Iron Bridge-Terrell Switch 69kV line which crosses Lake Tawakoni.	10/2/2020	12/1/2020	12/1/2020		82,581			100	69	na	0.15	4/0 ACSS Penguin	Steel Poles	100	0.15	na	na	25.101(c)(5)(B)	
OPT39373 (M4314)	Anna Switch to Anna Tap 138 kV Line - Rebuild	City of Melissa, Collin County	Rebuild the Anna Switch - Anna Tap 138-kV Line.	1/13/2021	5/15/2021			17,197,276			1	138	na	16.4	2-959.6 kcmil ACSS/TW	Steel Poles	Varies	8.2	na	na	25.101(c)(5)(B)	
OPT40827 (M5274)	Eagle Mountain Switch - Deen Switch 138 kV Line - Rebuild Eagle Mountain Switch - Rosen Heights Tap	City of Saginaw, Tarrant County	Rebuild the Eagle Mountain Switch to Rosen Heights Tap section of the Eagle Mountain Switch - Deen Switch 138 kV line.	11/3/2020	5/15/2021			24,819,800			3	138	na	20	2-959.6 kcmil ACSS/TW	Steel Poles	Varies	10	na	na	25.101(c)(5)(B)	

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT38119 (R6069)	Lufkin Sw - Herty Sw 138 kV Line	City of Angelina, Lufkin County	Rebuild of Herty North Switch (Renamed Redland Switch) will require the retermination of the single circuit Herty North Sw. - Lufkin Sw 138 kV line.	3/22/2021	5/15/2021						0	138	na	0.3	1926 ACSS/TW Cumberland	Steel Poles	100	0.3	na	na	25.101(c)(5)(B)	
OPT41976 (R6069)	Nacogdoches Southeast Switch - Herty North Switch 138 kV Line	City of Angelina, Lufkin County	Retetermination of the single circuit Nacogdoches Southeast Sw. - Herty North Sw 138 kV line.	10/13/2020	5/15/2021			821,203			93	138	na	0.3	1926 ACSS/TW Cumberland	Steel Poles	100	0.3	na	na	25.101(c)(5)(A)	
OPT41975 (R6069)	Herty North Sw - Huntington Sw 138 kV Line	Angelina/ Lufkin	Retetermination of the double circuit Herty North Sw. - Huntington/Lufkin East 138 kV line.	4/20/2021	5/15/2021						0	138	na	0.3	1926 ACSS/TW Cumberland	Steel Poles	100	0.3	na	na	25.101(c)(5)(A)	
OPT38602	Morgan Creek Switch - Falcon Seaboard 345kV Line 345kV Lattice Hardening (R5)	Mitchell County	Rebuild a section of the Morgan Creek switch - Falcon Seaboard Switch 345 kV Line in Mitchell County.	10/9/2020	11/2/2020	11/2/2020		438,478			100	345	na	0.1	2-795 ACSR Drake	Steel Tower	100	1	na	na	25.101(c)(5)(B)	
OPT42248 (R6131)	Brown Switch - Killeen Switch 345 kV Line: Establish Buckhorn Switch	Mills County	Build a cut in the Brown Switch - Killeen Switch 345 kV Line to establish the new Buckhorn Switching Station.	11/14/2020	5/14/2021			1,490,000			64	345	na	0.4	2-1926.9 MCM ACSS/TW/HS Cumberland	Steel Pole, Steel Tower	160	0.2	na	0.2	25.101(c)(5)(A)	
OPT42088 OPT42233 (R8322)	SL South Midland Switch- Pronghorn Switch 138 kV Line: Loop in and out the Cottonfield 138 Substation	City of Midland/Midland County	Loop in and out the SL South Midland Switch - Pronghorn Switch 138 kV Line to establish the new Cottonfield 138 kV substation.	10/15/2020	12/3/2020	12/3/2020		710,000			100	138	na	0.1	795 ACSR/959 ACSS	Steel Poles	70	0.1	na	na	25.101(c)(5)(A)	
OPT39788 (M5294)	Everman Switch-Cleburne Switch 138 kV Line: Terminate the line at the new Burleson Switch	City of Burleson/Tarrant County	Retermine the Everman Switch-Cleburne Switch 138 kV line at Burleson Switch	11/10/2020	5/15/2021			820,000			9	138	na	0.3	1926 ACSS/TW	Steel Poles	200	0.3	na	na	25.101(c)(5)(A)	
OPT39797 (M5294)	Marrs Switch-Bourland Sub 138 kV Line: Terminate line at the Burleson Switch	City of Burleson/Tarrant County	Retermine the Marrs Switch-Bourland Sub 138 kV Line at Burleson Switch	3/1/2021	5/15/2021			401,000			0	138	na	0.3	1926 ACSS/TW	Steel Poles	90	0.3	na	na	25.101(c)(5)(A)	
OPT41854 OPT42038	Martin Lake Switch - Stryker Creek Switch 345 kV Line: HB 4150 Martin Lake Crossing	Rusk County	Rebuild a section of the Martin Lake Switch - Stryker Creek Switch 345 kV Line that crosses Lake Martin.	4/25/2021	5/31/2021						0	345	na	0.2	2-1590 ACSR Falcon	Steel Lattice Tower	300	0.1	na	na	25.101(c)(5)(B)	
OPT39517	Forney Switch - Tri-Corner Switch 345 kV Line: CMPC Erosion Control - STR #25/1	Seagoville City, Dallas County	Scope entails replacing tower with a double circuit steel pole and relocating structure away from the river.	11/9/2020	12/1/2020	12/1/2020		442,508			100	345	na	0.1	2-795 ACSR	Steel Pole	150	0.1	na	na	25.101(c)(5)(B)	
OPT42284	Trinidad Switch - Hillsboro Switch 138 kV Line: HB 4150 Richland Chambers Lake Crossing	Navarro County	Rebuild a section of the Trinidad Switch - Hillsboro Switch 138 kV Line that crosses Richland Chambers Reservoir.	10/13/2020	12/15/2020	12/15/2020		474,673			100	138	na	0.2	959.6 ACSS/TW	Concrete H-Frame	175	0.1	na	na	25.101(c)(5)(B)	
OPT41920	Long Lake Tap - Big Brown Sub 138 kV Line: HB 4150 Lake Fairfield Crossing	City of Fairfield, Freestone County	Rebuild a section of the Long Lake Tap - Big Brown Sub 138 kV Line.	11/9/2020	12/22/2020	12/22/2020		591,104			100	138	na	0.3	795 ACSR Drake	Steel Poles	100	0.3	na	na	25.101(c)(5)(B)	
OPT42574	China Grove Switch - Radium - Paint Creek 138 kV Line: HB 4150 Lake Stamford Crossings	City of Haskell, Haskell County	Rebuild a section of the China Grove - Radium - Paint Creek 138 kV Line.	4/1/2021	5/31/2021						0	138	na	1	636 ACSR Grosbeak	Steel Poles	50	1	na	na	25.101(c)(5)(B)	
OPT40858	Jacksboro Switch - Krum West Switch 345 kV Line: Failed Dead End Replacements	City of Decatur, Wise County	Replace line dead-end terminals and insulator assemblies on the Jacksboro - Krum West 345 kV line.	12/4/2020	5/31/2021			590,000			11	345	na	0.1	1590 kcmil ACSR	Steel Towers	100	0.1	na	na	25.101(c)(5)(B)	
17765032	Royce City - Commerce 69kV Line Scatter Branch Sub Line Work	City of Neylandville, County of Hunt	Line work associated with establishing the new Scatter Branch Substation	11/9/2020	12/28/2020	12/28/2020		1,863,737			100	69	na	0.75	1926.9 kcmil ACSS/TW	Steel Poles	75	0.75	na	na	25.101(c)(5)(A)	
17765244 (M3047)	Renner TPL - Allen / Plano Tennyson 138 kV Line: Rebuild Renner TPL - STR 11/4D	City of Plano, Collin County	Rebuild Renner - Structure 11/4D section of the Renner TPL - Allen / Plano Tennyson 138 kV Line.	11/12/2020	5/15/2021			10,295,534			9	138	na	3.6	2-959.6 kcmil Suwannee ACSS/TW	Steel Poles	varies	3.6	na	na	25.101(c)(5)(B)	
OPT42555	NTUSU AJ Swope Sub - Alibates Sub 345 kV Line - Galloping Device Installation	City of Amarillo, Potter County	Install galloping devices on several spans of the AJ Swope - Alibates 345 kV Line.	12/7/2020	12/17/2020	12/17/2020		324,240			100	345	na	0.19	2-1926 ACSS/TW	Steel Towers	175	0.19	na	na	25.83(a)(3)	
OPT42557	NTUSU Ogallala - Tule Canyon 345 kV Line: Galloping Device Installation	City of Tulia, Swisher & Carson County	Install galloping devices on several spans of the Ogallala - Tule Canyon 345 kV Line.	12/12/2020	12/17/2020	12/17/2020		136,586			100	345	na	1.57	2-1926 ACSS/TW	Steel Towers	175	1.57	na	na	25.83(a)(3)	
OPT41579	Argyle Sub - Krum Tap Switch 138 kV Line: Structure Replacement	City of Denton, Denton County	Relocate 3 H-frame structures to avoid future impact of nearby river.	10/5/2020	11/1/2020	11/1/2020		281,063			100	138	na	0.1	795 ACSR	Concrete and Wood H-Frames	100	0.1	na	na	25.101(c)(5)(B)	
OPT42686 (M3056)	Royce Switch-Tarrell Switch: Establish Quinlan Tap 138/69 kV Autotransformer	Royce City/Rockwall County	Rebuild a section on the Royce Switching Station - Tarrell Substation 69 kV Line for the installation of the Quinlan Tap 138/69 kV Autotransformer.	2/15/2021	5/15/2021			1,862,000			0	69/138	138	0.15	1590 ACSR Falcon	Steel Poles, H-frame Switch	100	0.15	na	na	25.101(c)(5)(A)	
OPT42236 (M4311)	Waxahachie Sub - Ennis South Sub 138 kV Line: Retermine section from Ennis West Switch to Sterrett Switch into Ennis West Switch	City of Ennis, Ellis County	Retermine the Waxahachie Sub - Ennis South Sub 138 kV Line section from Ennis West Switch - Sterrett Switch into its new bay position at Ennis West Switching Station.	2/8/2021	5/15/2021			901,230			0	138	na	0.2	1926.9 ACSS/TW	Steel Monopoles	100	0.2	na	na	25.101(c)(5)(A)	
OPT42526 (M4311)	Waxahachie Sub - Ennis South Sub 138 kV Line: Retermine section from Ennis West Switch to Ennis South Sub into its new bay position at Ennis West Switching Station	City of Ennis, Ellis County	Retermine the Waxahachie Sub - Ennis South Sub 138 kV Line section from Ennis West Switch - Ennis South Sub into its new bay position at Ennis West Switching Station.	3/1/2021	5/15/2021						0	138	na	0.1	1926.9 ACSS/TW	Steel Monopoles	100	0.1	na	na	25.101(c)(5)(A)	
OPT42531 OPT43472	Sweetwater Downtown Tap - Sweetwater Downtown Substation 138 kV Line: Replace Structures 101/1 & 1/1	City of Sweetwater, Nolan County	Replace tap structure (101/1) with a new Heavy Duty H-Frame Switch structure and replace two line sectionalizing switches and install an additional switch and replace existing structure (1/1) with a SC wood pole.	11/17/2020	12/21/2020	12/21/2020		1,001,927			100	138	na	0.1	336 ACSR Linnett	Steel H-Frame Switch & Wood monopole	25	0.1	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.

OSCAR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February - 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT42618 OPT43240	Escola Switch - Morgan Creek Switch 138 kV Line - Replace Structures 100/10 & 101/2	City of Sweetwater, Nolan County	Replace structures (100/10) & (101/2) with wood H-Frames with steel crossarms and double insulators. A temporary bypass will be utilized for this project.	11/8/2020	12/21/2020	12/21/2020		575,912			100	138	na	0.1	795 ACSR Drake	Wood H-Frames	50	0.1	na	na	25.101(c)(5)(B)	Costs updated to include associated ROW estimates.
OPT38743	Oran Sub - Mineral Wells Sub 138 kV Line - Erosion Control	City of Mineral Wells/Palo Pinto County	Install erosion control guards around structures 02/08 on the Oran Sub - Mineral Wells Sub 138 kV line.	11/5/2020	12/1/2020	12/1/2020		156,557			100	138	na	0.1	1590 ACSR	Wood H-frame	100	0.1	na	na	25.101(c)(5)(B)	
OPT41580	Tyler Grande Sub - Overton Sub 138 kV Line - Structure Replacement	City of Arp, Smith County	Relocate structure 6102 on the Tyler Grande Sub - Overton Sub 138 kV line	12/8/2020	12/21/2020	12/21/2020		200,981			100	138	na	0.3	4/0 CU	Wood H-frame	100	0.3	na	na	25.101(c)(5)(B)	
OPT43075 (M5274)	Rosen Heights Tap No 1 (West) - Rebuild Tap Point	City of Fort Worth, Tarrant County	Reconfigure the existing Rosen Heights Tap (west circuit) from a hard tap to 3-way switch configuration.	2/13/2021	5/15/2021			618,456			0	138	na	0.1	2-959.6 kmil ACSR/TW	Steel Poles	75	0.1	na	na	25.101(c)(5)(B)	
OPT43076 (M5274)	Rosen Heights Tap No 2 (East) - Rebuild Tap Point	City of Fort Worth, Tarrant County	Reconfigure the existing Rosen Heights Tap (east circuit) from a hard tap to 3-way switch configuration.	2/13/2021	5/15/2021			617,512			0	138	na	0.1	2-959.6 kmil ACSR/TW	Steel Poles	75	0.1	na	na	25.101(c)(5)(B)	
17762191 OPT39212 (M5155)	Handley SES - Sherry 138 kV Line - Rebuild Handley SES - Pantego Sub Section (Phase 1)	City of Arlington, Tarrant County	Rebuild the Handley SES - Pantego Sub Section (Phase 1) of the Handley SES Sherry 138 kV Line	9/16/2021	12/15/2021						0	138	na	3.8	1926.9 kmil ACSR/TW	Steel Poles	Varies	3.8	na	na	25.101(c)(5)(B)	
OPT41855	Jewett Switch - Rattlesnake Road Switch 345 kV Line - HB 4150 Lake Limestone Crossing	City of Groesbeck, Limestone County	Rebuilding a section of the Jewett Switch - Rattlesnake Road Switch 345 kV Line	2/8/2021	5/15/2021						0	345	na	1.4	795 ACSR & 1590 ACSR Falcon	Steel Lattice Tower	125	0.7	na	na	25.101(c)(5)(B)	Project is being cancelled. Project will be remove in next month's report.
OPT42279	Lake Creek Switch - Jewett Switch 138 kV Line - HB 4150 Lake Limestone Crossing	City of Groesbeck, Limestone County	Rebuild a section of the Lake Creek Switch - Jewett Switch 138 kV Line that crosses Lake Limestone in Limestone County in order to increase vertical clearance over the flood plain area.	2/3/2021	5/15/2021						0	138	na	0.2	795 ACSR	Wood H-Frame	100	0.2	na	na	25.101(c)(5)(B)	Project is being cancelled. Project will be remove in next month's report.
OPT43066	Liggett Switch - Euless 138kV Line - Reterminate at Irving Valley View Sub	City of Irving, Dallas County	Re-terminate Liggett Switch - Euless 138kV Line at Irving Valley View Substation.	3/23/2021	5/15/2021			164,012			0	138	na	0.1	2-1033.5 ACSR Curlew	Steel Poles	140	0.1	na	na	25.101(c)(5)(A)	
OPT40191 OPT42105 (R1721)	Elm Mott - Bosque (BEC) 138kV Line - Rebuild Elm Mott Switch - Rogers Hill Sub (BEC)	City of Elm Mott, McLennan County	Rebuild the Elm Mott Switch - Rogers Hill Sub (BEC) section of the Elm Mott Switch to Bosque Switch (BEC) 138 kV Line	1/13/2021	5/15/2021			7,325,451			6	138	na	5.6	2 - 959.6 MCM ACSR/TW/HIS "Savannah"	Steel Poles	100	5.6	na	na	25.101(c)(5)(B)	
OPT42346	Hutto - Round Rock - Gabriel 138 kV Line - Midnight Sub Cut - In	City of Round Rock, Williamson County	Line work associated with establishing Midnight Substation. This work is occurring on the Hutto Switch - Round Rock - Gabriel 138kV line.	9/20/2021	10/15/2021						0	138	na	0.4	795 ACSR	Wood H-Frames	100	0.4	na	na	25.101(c)(5)(A)	
OPT41461 (M5315)	Farmersville Switch - Monticello Switch 345 kV Line - Delilah Solar Generator Interconnect	Franklin County	Establish a 345 kV point-of-interconnection (POI) for Delilah Solar Generator at Thorn Tree 345 kV Switch.	3/8/2021	5/31/2021						0	345	na	0.2	2-1926.9 ACSR/TW Cumberland	Steel Poles and Towers	170	0.2	na	na	25.101(c)(5)(A)	
18765207 (M4089)	Northaven Switch - Morrison Lane Switch 138 kV Double Circuit Line Section - Rebuild Northaven - Welch Road - Marsh Lane	City of Dallas, Dallas County	Rebuild 2.9 mile section of Northaven Switch - Morrison Lane Switch 138 kV Double Circuit Line from Northaven to Marsh Lane Sub.	7/15/2021	12/15/2021						0	138	na	5.8	1926.9 ACSR/TW	Steel Poles	100	2.9	na	na	25.101(c)(5)(B)	
OPT38695 (R463)	Waco West Switch - Waco East Switch 138kV Line - Rebuild Waco West Switch - Structure 1/8 Line Section	City of Waco, McLennan County	Rebuild the 10.6-mile Waco West Switch - Structure 1/8 138 kV line section of the Waco West Switch - Waco East Switch 138 kV Line.	2/12/2021	12/15/2021			20,528,867			0	138	na	10.6	1926.9 kmil ACSR/TW	Steel Poles	100	10.6	na	na	25.101(c)(5)(B)	
OPT41773 (R6128)	Navarro Switch - Watermill Switch 345 kV Line - Establish Big Onion Switch	City of Ennis, Ellis County	Establish a point of interconnection to the Solar Strategic Energy generating facility by establishing Big Onion Switch on the Navarro - Watermill 345 kV transmission line.	2/15/2021	4/21/2021			1,550,000			0	345	na	0.1	2-1926.9 kmil ACSR/TW	Steel Towers	160	0.1	na	na	25.101(c)(5)(A)	
OPT43220	Navy Kickapoo Switch - Holiday 69 kV Line - Storm Damage (TSP20017)	City of Archer, Archer County	Replace 8 wood pole structures, including 24 insulators, and 3 cross arms Holiday Sub - Navy Kickapoo Sub 69 kV Line.	8/17/2020	8/22/2020	8/22/2020		185,007			100	69	NA	0.57	4/0 ACSR	Wood Monopoles	50	0.57	na	na	25.101(c)(3)	Storm Damage Restoration
OPT43218	Holiday - Seymour 69 kV Line - Storm Damage (TSP20017)	City of Wichita Falls, Wichita County	Replace 4 wood pole structures and 21 insulator assemblies Holiday Sub - Seymour Sub 69 kV Line.	8/17/2020	8/22/2020	8/22/2020		89,072			100	69	NA	0.8	4/0 ACSR	Wood Monopoles	50	0.8	na	na	25.101(c)(3)	Storm Damage Restoration
OPT43219	Holiday - Electra 69 kV Line - Storm Damage (TSP20017)	City of Electra, Wichita County	Replace 1 cross arms on the Holiday - Electra 69 kV Line.	8/17/2020	8/21/2020	8/21/2020		16,610			100	69	NA	0.01	4/0 ACSR	Wood H-frames	50	0.01	na	na	25.101(c)(3)	Storm Damage Restoration
OPT43229	NTUSU Driver - Hadacol Corner 138 kV Line - Damage	City of Midland, Midland County	Replace 4 spans of conductor, OPGW, and 5 structures worth of insulators as the result of fire damage.	8/18/2020	9/1/2020	9/1/2020		290,784			100	138	NA	0.63	959 ACSR/TW	Steel Deadends, Concrete Tangents	75	0.63	na	na	25.101(c)(3)	Emergency Project
OPT43288	NTUSU Driver - SkyWest 138 kV Line - OPGW Damage	City of Midland, Midland County	Replace 3 spans of OPGW as the result of fire damage.	8/20/2020	9/1/2020	9/1/2020		57,042			100	138	NA	0.36	959 ACSR/TW	Steel Deadends, Concrete Tangents	75	0.36	na	na	25.101(c)(3)	Emergency Project
OPT43237	Sherry Switch - Fish Creek Switch 138 kV Line (South Circuit) - Damage Restoration	City of Grand Prairie, Dallas County	Replace 2 lattice towers with 2 steel monopoles and replace conductor and shield wire on the Sherry Sw - Fish Creek Sw 138 kV Line.	8/19/2020	10/6/2020	10/6/2020		520,049			100	138	na	0.97	795 ACSR, Drake, Single	Steel Monopoles	Variable	5150	na	na	25.101(c)(3)	Emergency Project

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (if Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT43249	Sherry Switch - Fish Creek Switch 138 kV Line (North Circuit) : Damage Restoration	City of Grand Prairie, Dallas County	Replace conductor and install 2 steel monopoles on the Sherry Sw - Fish Creek Sw 138 kV Line.	8/19/2020	10/6/2020	10/6/2020		520,049			100	138	na	0.97	795 ACSR, Drake, Single	Steel Monopoles	Variable	5150	na	na	25.101(c)(3)	Emergency Project
OPT42445	Willow Creek Switch - Hicks Switch 345 kV	Wise County	The scope of this project involves relocating an existing TE 69190 Tower (24/05) on the Willow Creek Switch - Hicks Switch 345 kV Line.	11/11/2020	12/1/2020	12/1/2020		160,819			100	345	na	24.0	1926 ACSS/TW	Lattice Tower	160	24.0	na	na	25.101(c)(5)(B)	
OPT42438	Commerce Switch - Sulphur Springs Switch 138 kV Line : Erosion Control	Commerce City	Structure 06/01 concrete H-frame on the edge of the creek bed experiencing high levels of exposure. This project entails relocating the structure experiencing the erosion issues.	11/30/2020	12/21/2020	12/21/2020		548,677			100	138	na	35.0	795 ACSR	H-Frame	100	35.0	na	na	25.101(c)(5)(B)	
OPT41581	Valley Switch - Commerce Switch 138 kV Line : Erosion Control	Fannin County	Installing erosion control guards around structures 01/06 - 01/07 on the Valley Switch - Commerce Switch 138 kV line.	12/2/2020	12/28/2020	12/28/2020		376,000			100	138	na	25.9	795 ACSR	Lattice Tower	100	25.9	na	na	25.101(c)(5)(B)	
OPT41709	Shamburger Switch - Martin Lake Switch 345 kV Line : Erosion Control	Overton City	Large degrees of erosion around structure 24/05 on the Shamburger - Martin Lake 345kV line. Scope entails installing erosion control guards.	11/24/2020	12/1/2020	12/1/2020		368,593			100	345	na	43.4	1590 ACSR	Lattice Tower	160	43.4	na	na	25.101(c)(5)(B)	
OPT42378	Handley-Liggett 138 kV SE Connector Relocation For TxDOT	City of Fort Worth, Tarrant County	Relocation with new double circuit, steel monopole, tangent & dead end structures.	4/12/2021	5/15/2021						0	138	na	2.00	959 ACSS "Suwannee" (Non-Bundled)	Steel Pole	varies	1.00	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of
OPT42380	Handley-Saginaw 138 kV SE Connector Relocation For TxDOT	City of Fort Worth, Tarrant County	Relocation with new double circuit, steel monopole, tangent & dead end structures.	4/12/2021	5/15/2021						0	138	na	2.00	1926 ACSS "Cumberland" (Non-Bundled) & 1233 ACSS "Yukon" (Non-Bundled)	Steel Pole	varies	1.00	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT42381	Handley-Richland Hills 69 kV SE Connector Relocation For TxDOT	City of Fort Worth, Tarrant County	Relocation with new single circuit, steel monopole, tangent & dead end structures.	4/26/2021	7/15/2021						0	69	na	0.99	300 ACSR "Ostrich" (Non-Bundled) & 959 ACSS "Suwannee" (Non-Bundled)	Steel Pole	varies	0.99	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT43252	Hutto Switch Station - Round Rock 138 kV Line. Relocate Str. 11/2	City of Hutto, Williamson County	Relocate structure 11/2 on the Hutto Switch - Round Rock 138 kV Line	11/23/2020	11/24/2020	11/24/2020		105,339			100	138	na	0.02	1590 ACSR	DC Steel Monopole	100	0.02	na	na	25.101(c)(5)(E)	
OPT38651 (R3038)	Means Sub - North Andrews Switch 138 kV Line. North Andrews Switch Retermination	Andrews County	Rebuild a 0.1 mile section of the Means - Fullerton 69 kV Line to reterminate from the 69 kV terminal into the new 138 kV terminal at North Andrews Substation	1/25/2021	5/15/2021			746,780			0	69	138	0.1	959 ACSS	Steel Monopoles	Varies	0.1	na	na	25.101(c)(5)(B)	
OPT40925 OPT42534 (R6097)	Eustace SE Tap - Eustace Sub 138 kV Line - Rebuild	City of Mabank, Henderson County	Rebuild the 2.1-mile Eustace Southeast Tap - Eustace 138 kV Line Section of the Eustace Southeast Switch (RCEC) - Mabank 138 kV Line using a conductor rated for 2071A or greater. New 138 kV double-circuit structures with one circuit in place will be installed.	2/1/2021	5/15/2021			3,827,444			0	138	na	2.1	2- 1926.9 MCM ACSS/TW/HS "Cumberland"	Steel Pole	100	2.1	na	na	25.101(c)(5)(B)	
OPT42091 OPT42650 (R6097)	Pauline Sub - Mabank Sub 138 kV Line - Rebuild	City of Mabank, Henderson County	Rebuild the 3.4-mile Pauline Sub - Mabank Sub 138 kV Line Section of the 9.3-mile Eustace Southeast Switch (RCEC) - Mabank 138 kV Line Section using a conductor rated for 2071A or greater. New 138 kV double-circuit structures with one circuit in place will be installed.	9/20/2021	12/15/2021						0	138	na	3.4	2- 1926.9 MCM ACSS/TW/HS "Cumberland"	Steel Pole & H-Frame	50	3.4	na	na	25.101(c)(5)(B)	
OPT39174	Grandview 138 kV Tap Line. SI 338 Relocation For TxDOT	City of Odessa, Ector County	Relocation with new double circuit, steel monopole, tangent structures.	2/1/2021	5/15/2021			694,284			0	138	na	1.10	795 ACSR "Drake" (Non-Bundled)	Steel Pole	75.00	0.55	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of
OPT39793	Cedar Hill-Tri Corner 345 kV. Loop 9 Relocation For TxDOT	City of Ferris, Dallas County	Relocation with new double circuit, steel lattice tower, tangent structures.	2/15/2021	5/15/2021			1,798,843			0	345	na	2.22	959 ACSS "Suwannee" (Bundled)	Steel Tower	250, shared	1.11	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41780 OPT43427 (R8541)	Dog House Switch - Prospero Solar II Poi 345 kV Line. Construct Line Section To Connect Prospero Solar II To Dog house	Andrews County	Install one full tension deadend and one span of wire from Dog House Switch. New deadend will serve as demarcation point for interconnection with Prospero Solar II.	1/11/2021	3/31/2021			457,505			0	na	345	0.03	959 ACSS/TW	Steel Pole	na	na	160	0.03	25.101(c)(5)(A)	
OPT42090 (R6097)	Eustace Sub - Pauline Sub 138 kV Line - Rebuild	City of Mabank, Henderson County	Rebuild the 3.8-mile Eustace Sub - Pauline Sub 138 kV Line Section of the 9.3-mile Eustace Southeast Switch (RCEC) - Mabank 138 kV Line Section using a conductor rated for 2071A or greater. New 138 kV double-circuit structures with one circuit in place will be installed.	3/10/2021	5/15/2021						0	138	na	3.8	2- 1926.9 MCM ACSS/TW/HS "Cumberland"	Steel Pole	100	3.8	na	na	25.101(c)(5)(B)	
OPT41843 OPT41275 (R8308)	Big Spring Switch - Stanton East Switch 138 kV Line. Line work associated with Natural Dam Station Retermination NTUSU Big Spring Switch- Stanton East Switch 138 kV Line. Natural Dam Retirements and Modifications Only	Howard County	Retermine the Big Spring Switch - Stanton East Switch 138 kV Line at Natural Dam Station	3/8/2021	5/15/2021						0	138	na	0.23	959 ACSS/TW	Steel Pole	70	0.23	na	na	25.101(c)(5)(A)	
OPT43279 (R8308)	Big Spring West Tap - Stanton East Switch 138 kV Line. Raise line for Natural Dam	Howard County	Structure modification to accommodate the retermination into Natural Dam Station	2/8/2021	5/15/2021			436,548			0	138	na	0.2	4/0 ACSR	Steel Pole	Varies	0.2	na	na	25.101(c)(5)(A)	
OPT43162	Wink Sub - Wink Basin Sub 69 kV Line. Shifting Sands Sub Line Cut-In	City of Kermit, Winkler County	Line work in aid of establishing Shifting Sands Sub.	5/10/2021	7/1/2021						0	69	na	0.3	336 kcmil ACSR Linnet & 4/0 AWG ACSR Penguin	Steel Pole	50	0.3	na	na	25.101(c)(5)(A)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT42341 OPT43006	Riverton - Kyle Ranch 138 kV Line Cut-in to Establish Alcatraz Sub	City of Orla, Loving County	Build 0.6-mile double-circuit tap to establish Alcatraz Sub.	4/5/2021	5/15/2021						0	na	138	0.8	1926 9 kmil ACS5/TW/HS Cumberland	Steel Poles	na	na	70	0.8	25.101(c)(5)(A)	
OPT42065 (M5316)	Riley Switch (AEP) - Bowman Switch 345 kV Line. Byrd Road Switch Cut-In for Ajax Wind	Near City of Wichita Falls, Wichita County	Establish a point of interconnection to the Western Trail Wind generating facility by establishing Byrd Road Switch on the Riley - Bowman 345 kV transmission line.	3/1/2021	5/15/2021						0	345	na	0.2	2-1926 9 kmil ACS5/TW	Steel Tower, Steel Pole	160	na	400	0.2	25.101(c)(5)(A)	
OPT41736 OPT42802 (M4315)	Ennis Switch - Desoto Switch 138 kV Line. Cut in Pebble Creek Switch	City of Red Oak, Ellis County	Separate and terminate the Ennis Switch - Desoto Switch 138 kV Line to establish the new Pebble Creek Switch.	3/1/2021	11/15/2021						0	138	138	0.5	2 - 959.6 MCM ACS5/TW/HS "Suwannee"	Steel Pole	100	na	75	0.5	25.101(c)(5)(A)	
OPT39818 (M5279)	Bryan Ave Sub - Forest Hill Switch 69 kV Line - Forest Hill Switch Station Relamination	City of Fort Worth, Tarrant County	Re-terminate the Bryan Ave - Forest Hill Switch 69-kV Line into Marrs Switch.	3/15/2021	12/15/2021						0	69	69	0.1	795 MCM ACSR Drake	Steel Pole	50	0.1	na	na	25.101(c)(5)(A)	
OPT41822 OPT42106 (R1721)	Elm Mott - Bosque (BEC) 138 kV Line. Rebuild Rogers Hill Sub (BEC) - Bosque Switch (BEC) 138 kV Line.	City of Elm Mott, McLennan County	Rebuild the Rogers Hill Sub (BEC) - Bosque Switch (BEC) section of the Elm Mott Switch to Bosque Switch (BEC) 138 kV Line.	3/27/2021	12/15/2021						0	138	na	13.7	959.6 MCM ACS5/TW/HS "Suwannee"	Steel Pole	100	13.7	na	na	25.101(c)(5)(B)	
OPT41113	TxDOT Loop 9 Relocation Waxahachie-Ferris-Trinity Hts. 69 kV Line	City of Ferris, Dallas County	Relocation with new single circuit, steel monopole, dead end structures.	2/15/2021	5/15/2021		911,688				0	69	na	0.04	959 ACS5 "Suwannee" (Non-Bundled)	Steel Pole	Varies	0.04	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41119	TxDOT SH 5 Relocation Anna Sw. Valley Jct. 345 kV Line	City of Anna, Collin County	Relocation with new double circuit, steel monopole, tangent structures.	2/22/2021	3/31/2021		370,435				0	345	na	0.38	1590 ACSR "Falcon" (Bundled)	Steel Pole	230, shared	0.19	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41124	TxDOT SH 5 Relocation Anna Sw. Anna 138 kV Tap Line	City of Anna, Collin County	Relocation with new double circuit, steel monopole, tangent structures.	2/22/2021	3/31/2021		267,067				0	138	na	0.38	959 ACS5 "Suwannee" (Non-Bundled)	Steel Pole	230, shared	0.19	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41123	TxDOT Loop 9 Relocation Wilmer-Watermill 138 kV Line	City of Ferris, Dallas County	Relocation with new single circuit, steel monopole, tangent & dead end structures.	2/15/2021	5/15/2021		3,238,124				0	138	na	1.52	795 ACSR "Drake" (Non-Bundled) & 959 ACS5 "Suwannee" (Non-Bundled)	Steel Pole	varies	1.52	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41130	TxDOT Loop 9 Relocation Trinidad Liggett 138 kV Line	City of Ferris, Dallas County	Relocation with new single circuit, concrete H-frame, tangent structures.	4/5/2021	5/15/2021						0	138	na	0.55	336 ACSR "Linnet" (Bundled)	Concrete H-Frame	100.00	0.55	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT41127	TxDOT Loop 9 Relocation Limestone-Watermill 345 kV Line	City of Ferris, Dallas County	Relocation with new double circuit, steel lattice tower, tangent structure.	4/19/2021	5/15/2021						0	345	na	0.84	1590 ACSR "Falcon" (Bundled)	Steel Tower	160.00	0.42	na	na	25.101(C)(5)(F)	Relocation is at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation.
OPT43430 (M4108)	Northaven Switch - Renner Switch 138 kV Line. Upgrade Line Switches (302, 4418, 4487, 4558) to 3200 Amp	Dallas County	Upgrade Line Switches 302, 4418, 4487, and 4558 on structures T110, T110A, T11S, and T111N to 3200 Amp Switches.	3/1/2021	3/31/2021						0	138	na	0.10	1-1926.9 kmil ACS5/TW	Steel Pole	100.00	0.10	na	na	25.101(c)(5)(B)	
OPT42990 (M4095)	Mountain Creek Switch - Norwood Switch 138 kV Line - Install Sectionalizing Switch At TRA Tap	City of Dallas, Dallas County	Install Manually Operated, Sectionalizing Switch at TRA Tap	3/8/2021	5/15/2021						0	138	na	0.10	1926 9 ACS5/TW Cumberland	Steel Pole	100.00	0.10	na	na	25.101(c)(5)(B)	
OPT42820	Audelia Termination-lake Highlands 138 kV Line. Pumping Plant Replacement	City of Dallas, Dallas County	Replacing the two existing UG Transmission HPFF Pressurization Plants at lake Highland Sub with a new HPFF Pressurization Plant.	9/20/2021	12/31/2021						0	138	na	0.00	600 CU HPFF	na	na	na	na	na	25.101(c)(5)(B)	
OPT42412	Tradinghouse Switch - Elm Mott 345 kV Line. HB4150 Tradinghouse Creek Reservoir Lake Crossing	McLennan County	Modify a section of the Tradinghouse Switch - Elm Mott 345 kV Line	3/8/2021	5/15/2021						0	345	na	0.9	2-795 ACS5/E3/XMA5	Steel Tower	160	0.9	na	na	25.101(c)(5)(A)	Lake Remediation project for HB-4150
OPT42409	Lake Creek Switch - Elm Mott 138 kV Line. HB4150 Tradinghouse Creek Reservoir Lake Crossing	McLennan County	Provide a clearance upgrade from structure 1/11 thru structure 1/5 section of the Lake Creek Switch - Elm Mott 138 kV Line.	3/8/2021	5/15/2021						0	69	138	6.80	795 kmil ACSR Drake	Steel Pole	100	5.20	50.00	0.06	25.101(c)(5)(A)	Lake Remediation project for HB-4150
OPT40674 OPT43239 (M5222)	Forest Hill Switch - Handley Switch 69 kV Line. Convert Duval To Bryan Ave To 138 kV	City of Fort Worth, Tarrant County	Rebuild a portion of the Forest Hill Switch - Handley Switch 69 kV Line at its new terminal location at the Duval Switch Station and at the Bryan Ave Switch Station for the 138 kV line conversion.	2/15/2021	12/15/2021		11,673,738				0	69	138	6.70	959.6 ACS5/TW "Suwannee"	Steel Poles	50.00	4.97	na	na	25.101(c)(5)(B)	
OPT40622 (M5222)	Forest Hill Switch - Handley Switch 69 kV Line - Line Conversion To 138 kV (Handley Switch-Duval Section)	City of Fort Worth, Tarrant County	Re-terminate the Forest Hill Switch - Handley Switch 69 kV Line at its new terminal location at the Handley Switch Station and at the Duval Switch Station for the 138 kV line conversion.	7/15/2021	12/15/2021						0	69	138	0.30	959.6 ACS5/TW Suwannee	Steel Poles	50.00	0.30	na	na	25.101(c)(5)(B)	Upgrade to 138 kV and extend alignment to Handley 138 kV Station
OPT39817	Stanton East Switch - Spraberry Switch 69 kV Line. CMPC Line Hardening (str. 13/6 & 13/7)	City of Stanton, Martin County	Rebuild the section of the Stanton East Switch - Spraberry Switch 69 kV Line that crosses Interstate 20 in Martin County.	3/8/2021	6/30/2021						0	69	na	0.22	4/0 ACSR, 959 ACS5	Wood and Steel Pole	50.00	0.22	na	na	25.101(c)(5)(B)	
OPT39814	Stanton East Switch - Spraberry Switch 69 kV Line. CMPC Line Hardening (str. 24/12 & 24/13)	City of Stanton, Martin County	Rebuild the section of the Stanton East Switch - Spraberry Switch 69 kV Line that crosses Interstate 20 in Martin County.	4/19/2021	6/30/2021						0	69	na	0.13	4/0 ACSR	Wood and Steel Pole	50.00	0.13	na	na	25.101(c)(5)(B)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT38813	Morgan Creek Sw - Big Spring Sw. 69 kV Line: Iatan Howard Tap CMPC Line Hardening	City of Coahoma, Howard County	Replace structures adjacent to the highway on Iatan Howard Tap section of the Morgan Creek Switch to Big Spring Switch line	3/22/2021	6/30/2021						0	69	na	0.10	1/0 ACSR	Concrete and Wood Pole	50.00	0.10	na	na	25.101(c)(5)(B)	
OPT38650 (R9038)	Means Sub - North Andrews Switch 138 kV Line: Means Sub Rebuild	Andrews County	Re-terminate the Means - North Andrews Sw 69 kV Line at its new terminal location at Means Substation, which is being converted from 69 kV to 138 kV.	3/1/2021	5/15/2021						0	69	138	0.10	959 ACSS	na	75.00	0.10	na	na	25.101(c)(5)(B)	
OPT38235 (R9039)	Fullerton Switch - North Andrews Switch 138 kV Line: Fullerton Switch Re-termination	Andrews County	Rebuild a section of the Fullerton Switch - North Andrews Switch 138 kV Line to re-terminate from the 69 kV terminal into the new 138 kV terminal at Fullerton Switch Station.	2/8/2021	5/15/2021			1,060,655			0	69	138	0.20	959 ACSS	Steel Pole	75.00	0.20	na	na	25.101(c)(5)(B)	
OPT38098	Means Sub - Fullerton Switch 69 kV Line: Fullerton Switch Re-termination	Andrews County	Re-terminate the Means - Fullerton Switch 69 kV Line at its new 138 kV terminal location at Fullerton 138 kV Switching Station.	3/10/2021	5/15/2021						0	69	138	0.10	959 ACSS	Steel Pole	85.00	0.10	na	na	25.101(c)(5)(B)	
OPT43606 (R8503)	Wink Switch - Wink Sub 138 kV line: Re-conductor from POI to Wink Switch for TMMP Wink Sub	Winkler County	Re-establish the point of delivery for Texas-New Mexico Power's Wink substation on the Wink Sw. - Wink Sub 138 kV transmission line.	4/26/2021	5/15/2021						0	138	na	0.15	1926 ACSS/TW	Steel Pole	Varies	0.15	na	na	25.101(c)(5)(B)	Re-conductor ONLY
OPT43635 (R8503)	Wink Switch - Wink Sub 69 kV line: Re-termination from POI to Wink Switch for TMMP Wink Sub	Winkler County	Re-establish the point of delivery for Texas-New Mexico Power's Wink substation on the Wink Sw. - Wink Sub 69 kV transmission line.	4/12/2021	5/15/2021						0	69	na	0.17	1926 ACSS/TW	Steel Pole	Varies	0.17	na	na	25.101(c)(5)(B)	
OPT43687 OPT42347	Brown - Grady 138 kV Line: Flat Land Substation Cut In	City of Lenoir, Martin County	Cut in the Brown - Grady 138 kV Line to establish the new Flat Land substation.	4/12/2021	5/15/2021						0	138	na	0.1	1926.9 ACSS/TW & 959.6 ACSS/TW	Steel Pole	70	0.1	70	0.1	25.101(c)(5)(A)	Sharyland project
OPT42008 (M4317)	Waxahachie Sub - Ennis South Sub 138 kV Line: Re-terminate section from Ennis West Switch to Sterrett Switch into Ennis West Switch	Palmer, Ellis County	Loop the Ennis Switch - Desoto Switch 138 kV Line into Palmer substation and convert the Palmer 69 kV substation to 138 kV operation.	4/19/2021	12/15/2021						0	69	138	1.0	1926.9 ACSS/TW	Steel Pole	80	1.0	na	na	25.101(c)(5)(B)	
OPT42991 (M4095)	Mountain Creek Switch - Norwood Switch 138 kV Line: Install Sectionalizing Switch At Tra Tap	City of Dallas, Dallas County	Install Manually Operated, Sectionalizing Switch at TRA Tap.	3/8/2021	5/15/2021						0	138	na	0.10	795 ACSR Drake	Steel Pole	na	na	100	0.1	25.101(c)(5)(B)	
OPT42830	Polk St. Sub-Davis St. Sub 138 kV Line: Replace U.G. Terminations	City of Dallas, Dallas County	Replace the 138 kV Underground Transmission Terminations at Polk St and Davis St. Sub	3/15/2021	6/30/2021						0	138	na	na	600 CU HPFF	na	na	na	na	na	25.101(c)(5)(B)	
OPT42833	Audelia Termination-Lake Highlands 138 kV Line: Replace U.G. Terminations	City of Dallas, Dallas County	Replace the 138 kV Underground Transmission Terminations at Audelia and Lake Highlands Sub	4/5/2021	6/30/2021						0	138	na	na	600 CU HPFF	na	na	na	na	na	25.101(c)(5)(B)	
19T62004 (R1735)	Everman Switch-Venus Switch 345 kV Line: High Temperature Upgrade (WEST Line)	City of Everman, Tarrant County	Replace 33 Towers to maintain NESC Clearances, while operating under high temperature	4/12/2021	12/31/2021						0	345	na	17.3	795 ACSR	Steel Tower	150	17.3	na	na	25.101(c)(5)(A)	
OPT04039 (R1735)	Everman Switch-Venus Switch 345 kV Line: High Temperature Upgrade (East Line)	City of Everman, Tarrant County	Rebuild East Circuit of the Everman Switch - Venus Switch 345kV Line for high temperature upgrade	4/12/2021	12/15/2021						0	345	na	17.3	795 ACSR	Steel Tower	150	17.3	na	na	25.101(c)(5)(B)	
OPT43330	Graham Switch - Tonkawa Switch 345 kV Line: Replace Structure 10/3	City of Graham, Young County	Replace structure 10/3 on the Graham Switch - Tonkawa Switch 345 kV Line.	4/5/2021	12/31/2021							345	na	0.2	795 ACSR Drake	Steel Tower	140	0.2	na	na	25.101(c)(5)(B)	
OPT38645 (R9039)	Fullerton Switch - North Andrews Switch 138 kV Line: North Andrews Switch Re-termination	Andrews County	Re-terminate the Fullerton Switch - North Andrews Switch 69 kV Line at its new 138 kV terminal location at North Andrews Switch.	4/5/2021	5/15/2021							69	138	0.1	959 ACSS/TW Sweeney	Steel Pole	50	0.1	na	na	25.101(c)(5)(B)	
OPT38643 (R9039)	Fullerton Switch - North Andrews Switch 138 kV Line: Rebuild	Andrews County	Rebuild a 0.1 mile section of the Fullerton Switch - North Andrews Switch 69 kV Line to permanently bypass the Andrews Switch 69 kV terminals.	4/5/2021	5/15/2021							69	138	0.1	959 ACSS/TW Sweeney	Steel Pole	50	0.1	na	na	25.101(c)(5)(B)	
OPT04146 (R9054)	Yucca Drive Switch - Lotebush Switch 138 kV Line: Riverview Substation	City of Pryor, Ward County	Cut in the Yucca Drive Switch - Lotebush Switch 138 kV Line to establish the new Riverview substation.	4/12/2021	5/15/2021							138	na	na	2-959 ACSS/TW Sweeney	Steel Pole	75	na	na	na	25.101(c)(5)(A)	Establishing existing in line station.
OPT43605 OPT43796 (R8579)	Yosemite - Triangle 138 kV Line: Germania POD for Bob White Electric's (DE3) Javard West Sub	Midland County	Establish the point of delivery to Bobwhite Electric's (DE3) Operating Javard West substation on the Yosemite - Triangle 138 kV transmission line.	3/22/2021	5/15/2021							138	na	0.06	959 ACSS/TW Sweeney	Concrete Poles/ H-frame Switch	70	na	70	0.06	25.101(c)(5)(A)	
OPT42410	Lake Creek Switch - Tradinghouse Switch 345 kV Line: HB4150 Tradinghouse Creek Reservoir Lake Crossing	McLennan County	Reconductor a section of the Lake Creek Switch - Tradinghouse Switch 345 kV Line.	4/12/2021	5/15/2021							345	na	3.6	2-795 ACSS/E3X/M45 Drake	Steel Tower	160	3.6	na	na	25.101(c)(5)(B)	Lake Remediation project for HB-4150
OPT40627 (R8523)	Andrews County South Switch - Fullerton Switch 138 kV Line: POI for Rodeo Solar Generator	Andrews County	Install one span of wire to connect the customer owned transmission line to Rodeo Solar to existing Nelson Switch.	3/22/2021	4/30/2021							138	na	0.03	1590 ACSR Falcon	Steel Pole	na	na	60	0.03	25.101(c)(5)(A)	
OPT38904 (M4275)	Payne Switch - Royce City 138 kV Line: Rebuild Anna Tap - Greenbrier Switch	City of Melissa, Collin County	Rebuild Anna Tap - Greenbrier Switch section of the Payne Switch - Royce City 138 kV Line.	5/17/2021	12/15/2021							138	na	9.6	1926.9 ACSS/TW Cumberland	Steel and Concrete Poles	Varies	9.6	na	na	25.101(c)(5)(B)	
OPT40829 (M5274)	Eagle Mountain Switch - Deen Switch 138 kV Line: Rebuild Rosen Heights Tap - Deen Switch	City of Saginaw, Tarrant County	Rebuild the Rosen Heights Tap - Deen Switch section of the Eagle Mountain Switch - Deen Switch 138 kV line.	9/20/2021	12/15/2021							138	na	8	2-959.8 ACSS/TW Sweeney	Steel Poles	Varies	8	na	na	25.101(c)(5)(B)	
OPT43686	Ferris Switch - Waxahachie OCF 69kV Line: Rebuild Ferris - Str 28/253	City of Waxahachie, Ellis County	Rebuild the structure 17/458 to structure 28/353 section of the Ferris Switch to Waxahachie OCF 69kV Line.	6/7/2021	12/31/2021							69	na	11.5	959.6 MCM ACSS/TW/HS Sweeney	Steel Pole	Varies	11.5	na	na	25.101(c)(5)(B)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT43332	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 27/5	City of Throckmorton, Throckmorton County	Replace structure 27/5 with a 47506 window tower deadend.	4/8/2021	12/31/2021							345	na	0.1	2-795 ACSR Drake	Lattice Tower	140	0.1	na	na	25.101(c)(5)(B)	
OPT43333	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 44/4	City of Throckmorton, Throckmorton County	Replace structure 44/4 with a 47506 window tower deadend.	4/12/2021	12/31/2021							345	na	0.1	2-795 ACSR Drake	Lattice Tower	140	0.1	na	na	25.101(c)(5)(B)	
OPT42854	Monticello Switch - Paris Switch 345 kV Line - HB 4150 Monticello Lake Crossing	Mt Pleasant/Titus County	This project includes reconductoring and an installation of a structure on Monticello SW - Woodard Sw 345 kV	3/8/2021	5/31/2021							345	na	2.5	2-795 ACSS Drake	Lattice Tower	Varies	2.5	na	na	25.101(c)(5)(B)	
OPT40263	Wichita Falls North - Pleasant Valley Switch 69 kV Line - CMPC Line Hardening (Str. 3/17 & 4/1)	City of Wichita Falls, Wichita County	Rebuild the section of the Wichita Falls North - Pleasant Valley 69 kV	7/5/2021	12/31/2021							69	na	0.3	336 ACSR Linnet	Steel H-Frame & Wood H-Frame	50	0.3	na	na	25.101(c)(5)(B)	
OPT43952 (M4271)	Parkdale Switch - Sargent Road Switch 138 kV Line - High temp upgrade	City of Dallas, Dallas County	Upgrade the Parkdale Switch - Sargent Road Switch 138 kV Line for high temperature operation.	4/20/2021	5/15/2021							138	na	5.0	1233 6 ACSS/TW Yukon	Steel Tower	200	5.0	na	na	25.101(c)(5)(A)	
OPT43334	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 54/2	Haskell County	Replace structure 54/2 with a 47506 window tower deadend.	4/15/2021	12/31/2021							345	na	0.2	2-795 ACSR	Steel Tower	150	0.2	na	na	25.101(c)(5)(B)	
OPT43338	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 35/2	Throckmorton County	Replace structure 35/2 with a 47506 window tower deadend.	4/12/2021	12/31/2021							345	na	0.2	2-795 ACSR	Steel Tower	140	0.2	na	na	25.101(c)(5)(B)	
OPT42413	Sam Switch - Tradinghouse Switch 345 kV Line - HB4150 Tradinghouse Creek Reservoir Lake Crossing	McLennan County	Modify a section of the Sam Switch - Tradinghouse Switch 345 kV Line.	3/8/2021	5/15/2021							345	na	0.8	2-795 ACSS/E3XMA5 Drake	Steel Tower	160	0.8	na	na	25.101(c)(5)(B)	Lake Remediation project for HB-4150
OPT42411	Temple Pecan Creek/Lake Creek - Tradinghouse Switch 345 kV Line - HB4150 Tradinghouse Creek Reservoir Lake Crossing	McLennan County	Modify a section of the Temple Pecan Creek/Lake Creek - Tradinghouse Switch 345 kV Line.	3/8/2021	5/15/2021							345	na	0.6	2-795 ACSS/E3XMA5 Drake	Steel Tower	160	0.6	na	na	25.101(c)(5)(B)	Lake Remediation project for HB-4150
OPT43339	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 63/2	Haskell County	Replace structure 63/2 with a 47506 window tower deadend.	4/19/2021	12/31/2021							345	na	0.2	2-795 ACSR Drake	Steel Tower	140	0.2	na	na	25.101 c (5)(b)	
OPT42340 (R762)	Killeen Switch - Belton Station/Killeen Switch - Killeen Fort Hood Station 138 kV line - Cut in Killeen Stagecoach Sub	Bell County	Line Work Associated with establishing Stagecoach Sub approximately located near structure 1/7.	4/26/2021	12/15/2021							138	na	0.8	1926 9 ACSS Cumberland	Steel Poles	100	0.4	na	na	25.101 c (5)(a)	
OPT42497	Mountain Creek Switch - West Dallas Sub 138 kV Line - Replace Failed Structures	City of Dallas, Dallas County	Replace failed str 244 on the Mountain Creek Switch - West Dallas Sub 138 kV line.	4/12/2021	4/18/2021						0	138	na	0.1	336.4 MCM ACSR Linnet	Concrete Pole	40	0.1	na	na	25.101 c (3)	Emergency Project
OPT42803 (R9037)	Means Sub - Fullerton Switch 138 kV Line - Monument Draw 138 kV Cut-in (69kV)	Andrews County	Re-terminate the Means - Fullerton Switch 69 kV Line at its new 138 kV terminal location at Fullerton 138 kV Switching Station.	5/3/2021	5/15/2021							69	138	0.1	959 ACSS Suwannee	Steel Pole	80	0.1	na	na	25.101(c)(5)(B)	
OPT42890	NW Carrollton-Renner 138 kV 1-35 E Phase 2 Relocation for TxDOT	City of Carrollton, Dallas County	Relocation with new double circuit, steel monopole, tangent structure.	4/1/2021	5/15/2021							138	na	0.3	927.2 ACAR	Steel Tower	100	0.3	na	na	25.101(C)(5)(F)	Relocation is a request and 100% reimbursable by the Texas Department of Transportation.
OPT43331	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 19/2	City of Graham, Young County	Replace structure 19/2 with a 47506 window tower deadend.	4/5/2021	12/31/2021							345	na	0.2	795 ACSR Drake	Steel Tower	140	0.2	na	na	25.101(c)(5)(B)	
OPT42889	Northlake-Northaven 138 kV 1-35 E Phase 2 Relocation for TxDOT	City of Carrollton, Dallas County	Relocation of structure T-334 on NW Carrollton-Renner 138 kV line.	4/1/2021	5/15/2021							138	na	0.3	2-795 ACSR Drake	Steel Tower	100	0.3	na	na	25.101(C)(5)(F)	
OPT39810	Snyder Sub - Ennis Creek Switch 69 kV Line - CMPC Line Hardening (Str. 2/20 & 2/21)	City of Snyder, Scurry County	Rebuild the section of Snyder Sub - Ennis Creek Switch 69 kV line that crosses US-84 in Snyder, TX.	7/19/2021	12/31/2021							69	na	0.2	40 ACSR Penguin	Concrete Pole & Wood Pole	50	0.2	na	na	25.101(c)(5)(B)	
OPT43342	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 105/2	City of Sweetwater, Fisher County	Replace structure 105/2 on the Graham Switch - Tonkawa Switch 345 kV line that crosses FM1085 in Fisher county with window tower deadend.	4/21/2021	11/5/2021							345	na	0.2	2-795 ACSR Drake	Steel Tower	140	0.2	na	na	25.101(c)(5)(B)	
OPT43343	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 114/3	City of Sweetwater, Fisher County	Replace structure 114/3 on the Graham Sw. - Tonkawa Sw. 345 kV line with a window tower deadend.	4/28/2021	11/12/2021							345	na	0.2	2-795 ACSR Drake	Steel Tower	140	0.2	na	na	25.101(c)(5)(B)	
OPT39811	Morgan Creek Switch - Big Spring Switch 69 kV Line - CMPC Line Hardening (Str. 46/9 - 46/11)	Westbrook City, Mitchell County	Rebuild the section of structures 46/ 6- 46/14 of the Morgan Switch - Big Spring Switch 69 kV line.	4/12/2021	6/30/2021							69	na	0.5	336 ACSR Linnet	Wood Pole	50	0.5	na	na	25.101(c)(5)(B)	
OPT43221	Northaven Switch-Renner Switch 138 kV DART Relocation for Cotton Belt Knoll Trail	City of Addison, Dallas County	Relocation of structures on the Northaven Switch-Renner Switch 138 kV line to accommodate the Cotton Belt Rail Crossing at Knoll Trail in Addison, TX.	9/15/2021	10/31/2021							138	na	0.07	1926 ACSS/TW Cumberland	Steel Pole	varies	0.07	na	na	25.101(c)(5)(F)	Relocation is at the request of the Dallas Area Rapid Transit (DART) and is 100% reimbursable by the Dallas Area Rapid Transit (DART)
OPT42680	NW Carrollton-Hackberry Junction 345 kV DART Relocation for Cotton Belt Cypress Waters Station	City of Coppell, Dallas County	Addition of structure T-704A on NW Carrollton-Hackberry Junction 345 kV line.	9/15/2021	10/31/2021							345	na	0.23	2-1590 ACSR Falcon	Steel Tower	varies	0.23	na	na	25.101(c)(5)(F)	Relocation is at the request of the Dallas Area Rapid Transit (DART) and is 100% reimbursable by the Dallas Area Rapid Transit (DART)

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT43341	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 98/2	Jones County	Replace structure 98/2 on the Graham Switch - Tonkawa Switch 345 kV Line that crosses US highway 180 W	4/15/2021	12/31/2021							345	0	0.2	2 795 ACSR Drake	Steel Tower	140	0.2	na	na	25 101(c)(5)(B)	
OPT42004	Fernis Switch - Corsicana Switch 69 kV Line - Rebuild Str 3/2 to Rice Sub to 138 kV	Ennis Texas Ellis County and Rice Texas Navarro County	Rebuild the Fernis Switch - Corsicana Switch 69 kV Line from structure 3/2 to Rice Substation and convert to 138 kV operation. Disconnect the Fernis Switch - Corsicana Switch 69 kV Line at Fernis 69 kV Switch and Structure 3/2 near Ennis Southeast. Establish the Ennis Southeast - Rice 138 kV Line Section by converting and upgrading the 6.7 mile of Fernis Switch - Corsicana Switch 69 kV Line from Structure 3/2 to Rice Substation.	6/1/2021	12/15/2021							69	138	6.7	1076 9 ACSS/TW Cumberland	Steel Pole	Varies	6.7	na	na	25 101(c)(5)(B)	
OPT43666	Holiday Sub - Baylor Switch 69 kV Line - Rebuild 23 Miles	Cities of Holiday Dundee Baylor Counties of Baylor Archer	Rebuild the existing 23 mile single circuit wood pole Holiday - Baylor 69 kV line utilizing 138 kV double circuit steel poles with one circuit in place	5/17/2021	12/24/2021							69	na	23	959 6 ACSS Suwannee	Steel Pole	50	23	na	na	25 101(c)(5)(B)	
OPT40386	Sam Switch - Tradinghouse Switch 345 kV Line - Four Brothers Switch Cut In for Sun Valley Solar	Hill county	Establish the Four Brothers Switching Station on the Sam Switch - Tradinghouse Switch 345 kV line	9/1/2021	12/16/2021							345	na	0.11	2 959 6 ACSS/TW Suwannee	Steel pole & Steel Towers	170	na	na	na	25 101(c)(5)(A)	
OPT43644	Collin Switch - Stone Creek Switch 138 kV Line - Prosper Substation Cut In	City of Prosper Collin County	Cut in Prosper Substation on the Collin Switch - Stone Creek Switch 138 kV Line	4/19/2021	5/15/2021							138	na	0.2	1926 9 ACSS/TW/HS Cumberland	Steel Pole	100	0.2	na	na	25 101(c)(5)(A)	
16T64146	Temple Substation - Little River Substation 69 kV Line - CMPC Rebuild	Bell County	Rebuild the Temple Substation - Little River Substation 69 kV Line section	6/15/2021	12/15/2021							69	na	7.5	959 6 ACSS/TW/HS Suwannee	Steel Pole	50	7.4	na	na	25 101(c)(5)(B)	
OPT43492 OPT44173	North Andrews Switch - Means 138 kV Line - Install Landfill POD to Re-terminate Exxon Means POD	City of Andrews Andrews County	Establish the Landfill Point of Delivery (POD) by disconnecting the existing Exxon Means Tap from the Andrews North Sw - McKenzie Draw Sw 138 kV line and connecting to the Andrews North Sw - Fullerton Sw 138 kV line	5/1/2021	11/15/2021							138	na	0.40	959 6 ACSS/TW Suwannee	Steel Poles	50	0.2	75	0.4	25 101(c)(5)(A)	
OPT43305	Waco West Switch - Temple Elm Creek Switch 138 kV Line - Moores Hill Station Cut In	City of Temple Bell County	Cut in the Moores Hill Substation on the Waco West Temple Elm Creek 138 kV Line	6/15/2021	11/15/2021							138	na	0.5	959 6 ACSS/TW Suwannee	Steel Pole	50	0.2	100	0.3	75 101(c)(5)(A)	
OPT38116 OPT39387 (M5279)	Everman Switch - Marrs Switch 138 kV Lines #3 & #4 Rebuild	City of Fort Worth Tarrant County	Rebuild the 4.2-mile Everman Switch - Forest Hill Switch - Marrs Switch 138 kV Lines #3 & 4	6/1/2021	12/15/2021							138	na	4.2	1926 9 MCM ACSS/TW/HS Cumberland	Steel Pole	50	4.2	na	na	25 101(c)(5)(B)	
OPT42829	Trinidad Switch - Corsicana Sub 138 kV Line - HB 4150 Richland Chambers Crossing	City of Corsicana Navarro County	Reconductoring the north circuit of the Trinidad Switch - Corsicana Sub 138 kV Line as well as installing new davit arms and raising structures in order to meet clearance	4/15/2021	5/15/2021							138	na	1.2	795 ACSS/TW E3X Drake	Steel Pole	100	1.2	na	na	25 101(c)(5)(B)	
OPT43597	Dermott Switch - Endurance Park Storage POI 138 kV Line - Install line for Endurance Park Storage POI	City of Dermott Scurry County	Install a 138 kV Point of Interconnection (POI) for Endurance Park Storage	8/1/2021	12/15/2021							345	na	0.2	1926 ACSS Cumberland	Steel Pole	800	0.2	na	na	25 101(c)(5)(A)	
OPT43340	Graham Switch - Tonkawa Switch 345 kV Line - Replace Structure 88/3	Jones County	Replace structure 88/3 on the Graham Switch - Tonkawa Switch 345 kV Line that crosses US highway 180 W	4/22/2021	12/31/2021							345	0	0.2	2 795 ACSR Drake	Steel Tower	150	0.2	na	na	25 101(c)(5)(B)	
OPT44509 (R8584)	Culberson Switch - Horseshoe Springs Switch 138 kV Line - Re-terminate at new Culberson Switch terminal	Culberson County	Re-terminate east Culberson Switch - Horseshoe Springs Switch 138kV circuit line at existing north Culberson Switch - Sand Lake Switch 138 kV circuit line termination	4/1/2021	6/1/2021							138	na	0.14	1926 9 ACSS/TW/HS Cumberland	Steel Poles	50	0.1	na	na	25 101(c)(5)(A)	
OPT44510 (R8585)	Culberson Switch - Sand Lake Switch 138 kV Line - Re-terminate at new Culberson Switch terminal	Culberson County	Re-terminate north Culberson Switch - Sand Lake Switch 138 kV circuit line at existing east Culberson Switch - Horseshoe Springs Switch 138kV circuit line termination	4/1/2021	6/1/2021							138	na	0.05	1926 9 ACSS/TW/HS Cumberland	Steel 3-Pole	70	0.1	na	na	25 101(c)(5)(A)	
STATIONS																						
OPT03998 (M3047)	Plano Tennyson Switch - Upgrade line terminal and associated equipment to meet or exceed 3200 A	City of Plano Denton County	Upgrade line terminal and associated equipment to meet or exceed 3200 A as a part of upgrading the Renner TPL - Plano Tennyson 138 kV Line	11/1/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25 83(a)(3)	
OPT03989 (M3047)	Renner Switch - Upgrade line terminal and associated equipment to meet or exceed 3200 A	City of Plano Denton County	Upgrade line terminal and associated equipment to meet or exceed 3200 A as a part of upgrading the Renner Switch - Allen Switch/Plano Tennyson Switch 138 kV	1/19/2021	12/15/2021		997,861				2	138	na	na	na	na	na	na	na	na	25 83(a)(3)	
OPT03981 (M5155)	Sherry Switch - Two Line Terminal Upgrade	City of Arlington Tarrant County	Upgrade line terminal and associated equipment to meet as a part of upgrading the Handley Sherry 138 kV Double-circuit Line	1-4/2022	5/15/2022						0	138	na	na	na	na	na	na	na	na	25 83(a)(3)	
OPT40632 (R3050)	Ogallala Switch - Install Terminal for Nazareth Solar	City of Nazareth, Castro County	Install one 345 kV, 3200 A circuit breaker at Install a 345 kV (POI) for customer's generator (TX Nazareth Solar, LLC)	7/16/2021	12/15/2022						0	345	na	na	na	na	na	na	na	na	25 83(a)(3)	
16T65069 (M4216)	Camp Wisdom Sub - Upgrade all line terminal and associated equipment to meet or exceed 2000 A	City of Dallas, Dallas County	Install three 138 kV sectionalizing switches and upgrade all line terminal and associated equipment to meet or exceed 2000 A as a part of upgrading the 11.5-mile Watermill Sw Sta - Camp Wisdom Road 138 kV line	10/1/2020	12/7/2020	12/7/2020		995,262			100	138	na	na	na	na	na	na	na	na	25 83(a)(3)	

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT41211	Elm Fork Pump Sub: Install one transformer and a feeder breaker	City of Carrollton, Denton County	Install one transformer and a feeder breaker	5/20/2020	12/4/2020	12/4/2020		2,294,139			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40492	Parkdale Switch: Replace circuit breakers	City of Dallas, Dallas County	Replace three circuit breakers	11/9/2020	12/11/2020	12/11/2020		579,525			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41077	Richardson Spring Valley Sub: Rebuild Substation by relocating both transformers inside the station	City of Richardson, Dallas County	Rebuild Substation by relocating both transformers inside the station	6/6/2020	1/31/2021			4,610,004			94	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40485	Snyder Switch: Replace two circuit breakers	City of Snyder, Scurry County	Replace one 69 kV circuit breaker and one 138 kV circuit breaker	2/22/2021	4/30/2021			246,340			0	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41498	Willow Wells Sub: Install 2nd transformer and two feeder breakers	City of Odessa, Winkler County	Install second transformer and two feeder breakers	2/2/2020	12/21/2020	12/21/2020		2,109,618			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41490	Witt Rd Sub: Install second transformer with three feeder breakers	City of Lancaster, Dallas County	Install second transformer with three feeder breakers	3/30/2020	10/15/2020	10/15/2020		2,021,287			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39073 OPT41172 (R4102)	Allens Creek POI: Establish 138 kV Point of Interconnection	Fannin County	Allens Creek POI: Establish 138 kV Point of Interconnection for Rayburn Interconnect, located in the Valley-Paris Sw. line.	12/10/2019	6/24/2020	6/24/2020		656,533			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT37562	Alligator Draw Sub: Establish station with two transformers and two feeder breakers	City of Orta, Culberson County	Alligator Draw Sub: Establish station with two transformers and two feeder breakers on the new Horseshoe Springs Sw. Sta. Owl Hills 138 kV Line	9/17/2019	2/17/2020	2/17/2020		5,725,089			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40140 (R5495)	Andrews County South Switch: Install Auto #2 and establish the new Wink Switch terminal. Upgrade No Trees Switch line terminal for the existing Wink circuit.	City of Andrews, Andrews County	Install Auto #2. Install and establish the new Wink Switch terminal. Upgrade all line terminal and associated equipment for the existing No Trees - Wink line as a part of rebuilding the 8.8-mile No Trees Sw. Sta. - Andrews County South Sw. Sta. 138 kV Line.	9/3/2019	3/27/2020	3/27/2020		4,699,579			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01033 13780021	Azie Sub: Install the third transformer with one feeder breaker	City of Azie, Tarrant County	Azie Sub: Install the third transformer with one feeder breaker	2/26/2020	6/26/2020	6/26/2020		4,285,845			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT38971	Benbrook Sub: Create a loop in loop out, install FID's and install new protection for transformer #1 and #2	City of Fort Worth, Tarrant County	Create a loop in loop out, install FID's and install new protection for transformer #1 and #2	9/16/2019	12/31/2019	12/31/2019		2,399,796			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38719 OPT38477 (R6089)	Blackburn Switch: Establish station for a 138 kV point of interconnection	City of Jacksonville, Cherokee County	Establish a switching station in a 3-breaker 138 kV ring bus arrangement located in the Elktion Switch - Palestine South Switch 138 kV Line, approximately 17.2 miles south of Elktion Switch.	7/22/2019	12/22/2019	12/22/2019		3,694,763			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
18T65108 17780064 18T80009 (M4264)	Blackland Switch: Establish 138 kV station	City of Fate, Rockwall County	Install a 138 kV point of interconnection with a 3-breaker 138 kV ring bus arrangement on the Royse Sw. Sta. - Terrell Sw. Sta. 138 kV Line.	10/11/2018	12/20/2019	12/20/2019		5,864,791			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT04155 OPT38702	Blagg Sub: Establish Substation with one Transf. and Two Feeder Breakers	City of Denton, Denton County	Establish Substation with one Transf. and Two Feeder Breakers	7/28/2020	12/31/2020	12/31/2020		4,832,694			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT38284 OPT39470 (R8441)	Boulder POD: 138 kV Point of Delivery	City of Odessa	Establish Boulder a 138kV point of delivery for customer owned station on the south circuit of the Wink - Culberson 138 kV Double-circuit Line.	11/26/2019	6/10/2020	6/10/2020		1,352,806			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT40126 OPT39324	Brilyn Sub: (Coahoma West Sub) Establish substation	City of Coahoma, Howard County	Establish Substation with a one transformer with two Feeder Breakers	2/13/2020	6/16/2020	6/16/2020		4,221,840			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT03966 (R6073)	Canton Tap Switch: Modify Tyler Switch Line Relaying	City of Forney, Kaufman County	Modify relaying for ring bus terminal at Tyler Switch	8/3/2020	12/14/2020	12/14/2020		86,174			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39750	Carrollton Frankford Rd Sub: Convert Station One and Two to 125 VDC and Replace Breakers	City of Carrollton, Denton County	Update protection, convert station one and two to 125 VDC and replace breakers	10/31/2019	6/24/2020	6/24/2020		597,449			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65033 (M4110)	Carrollton NW Sub: Upgrade 138 kV Norwood & Lakepoint Lines	City of Carrollton, Denton County	Upgrade all terminal and associated equipment as a part of upgrading the NW Carrollton - Norwood Sw. Sta. 138 kV Double-circuit line.	11/15/2018	6/23/2020	6/23/2020		436,226			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65018 (P109)	Centerville Switch: Upgrade line, auto and bus relaying	City of Dallas, Dallas County	Upgrade line, auto and bus relaying at Centerville Switch	9/9/2019	6/26/2020	6/26/2020		1,678,074			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37566 (R8456)	Chimney Well POD: Provide a 138 kV point-of-delivery (POD)	City of Odessa, Ector County	Establish Chimney Well POD for customer owned station, a 138 kV on the Horseshoe Springs Sw. Owl Hills 138kV line.	10/21/2019	5/1/2020	5/1/2020		921,245			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04158	China Springs Substation: Install one Transf. #2 and 1-25 kV Feeder and install Distribution Automation on Feeders 2401 and 2403.	City of China Spring, McLennan County	Install Bank #2 with one Transformer and One Feeder Breaker. Includes installation of Distribution Automation on Feeders 2401 and 2403.	7/12/2019	12/1/2019	12/1/2019		1,243,074			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT04000 (R960)	Collin Sw. Station 345/138 kV autotransformer #2 series reactor	City of Frisco, Collin County	Install a series reactor in series with the 345/138 kV autotransformer #2.	1/30/2020	6/16/2020	6/16/2020		1,135,738			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39490 (R1739C)	Comanche Peak 345 kV Switch: Upgrade Mitchell Bend to Double Breaker Double Bus	Glen Rose County	Upgrade Mitchell Bend line terminal to Double Breaker Double Bus	1/31/2020	5/21/2020	5/21/2020		1,212,265			100	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04066 OPT42590 OPT38128 (M5277)	Deen Switch: Establish Station to Replace Saginaw 138 kV Switch	City of Fort Worth, Tarrant County	Establish Deen Switch station by installing sixteen 138 kV circuit breakers in a breaker-and-a-half arrangement.	10/7/2019	12/24/2020	12/24/2020		20,360,176			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39812 OPT40079 (R5407)	Dollarhide Sub: Modify bus to loop 138kV line in and out of station	City of Odessa, Winkler County	Modify bus to loop line in and out of station as a part of rebuilding the No Trees Switch - Andrews County South Switch 138 kV line.	3/2/2020	4/29/2020	4/29/2020		1,204,386			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT37263	Du Puy (Waco West) Sub: Replace Transformer by Rebuilding the Existing Substation	City of Waco, McLennan County	Establish Du Puy Substation with three transformers and ten feeder breakers.	9/16/2019	4/1/2020	4/1/2020		5,906,786			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04035 (R8026)	Ennis Creek Switch: 138 kV Station Rebuild	City of Snyder, Scurry County	Rebuild the 138 kV Ennis Creek Switch with a 3-breaker 138 kV ring bus arrangement.	5/20/2020	12/16/2020	12/16/2020		4,204,788			100	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39276 OPT38614	Fate Sub: Establish Substation with one transformer and two feeder breakers	City of Fate, Rockwall County	Establish Substation with one transformer and two feeder breakers	4/6/2020	6/26/2020	6/26/2020		5,825,991			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39341 (M5161)	Heritage Sub: Convert transformer #1 to 138 kV and upgrade protection on CB	City of Fort Worth, Tarrant County	Convert Transformer #1 to 138 kV and upgrade line protection on circuit breaker.	4/6/2020	12/28/2020	12/28/2020		187,469			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38386 (M5295)	Hicks Switch: Modification for interconnect and convert line communication for line to fiber	City of Fort Worth, Tarrant County	Modifications for interconnect and convert the line communication for line to fiber.	4/1/2019	3/17/2021			1,857,917			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38362 (R6101)	Holly Ervin POD: Establish a 138 kV Point of Interconnection	City of Palestine, Anderson County	Establish Holly Ervin POD for customer owned station, 138kV point of delivery on the Big Brown Tap Long Lake 138kV line.	7/22/2019	12/20/2019	12/20/2019		1,477,516			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
19T62005	International Airport Sub: Replace 12.5 kV Substation	City of Fort Worth, Tarrant County	Rebuild the existing 138/12.5 kV Substation by replacing the existing 12.5 kV distribution switchgear with outdoor air insulated distribution circuit breakers at Stations 1 and 2.	6/5/2019	12/30/2019	12/30/2019		5,421,782			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Legacy Sharyland Project
OPT37311 (M4286)	Kemp Ranch Switch (Venus Switch): Install two 138 kV point of interconnections by constructing a 138 kV switching station in a breaker-and-a-half bus arrangement.	City of Midlothian, Ellis County	Install two 138 kV POD for customer owned stations by constructing a 138 kV Kemp Ranch Switching station in a breaker-and-a-half bus arrangement.	3/4/2019	12/2/2019	12/2/2019		11,506,348			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38411 (R712)	Killeen Park Street Sub: Install three sectionalizing switches to loop line	City of Killeen, Tarrant County	Install three sectionalizing switches and loop line info station to as a part of establishing a 138 kV point of interconnection (POI).	1/1/2021	1/31/2021			191,851			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Proposed Cancel
OPT38360 OPT38011 (R6103)	Lake Hall Switch: Establish 345 kV Switching Station to Provide POI	City of Waco, McLennan County	Establish 345 kV switching station by installing two 345 kV transmission line exits and provide one interconnection point from a 345 kV three breaker ring bus arrangement.	9/16/2019	8/17/2020	8/17/2020		7,224,562			100	345	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT38367 (M5286)	Latigo (McPherson (BEC)) POI: Install a new 138 kV point of interconnection for the McPherson (BEC) 138 kV Substation	City of Fort Worth, Tarrant County	Establish a new 138 kV point of interconnection for the McPherson (BEC) 138 kV Substation located in the Roanoke Sw. Eulesw Sw. 138 kV Line.	7/22/2019	2/28/2021			660,751			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
17T65009 (M5041)	Liggett Switch: 138 kV Cedar Hill Terminal upgrade, 345 kV protective relay upgrades and replace the Norwood switch transfer trip panel	City of Irving, Dallas County	Upgrade all terminal and associated equipment as a part of upgrading the Cedar Hill Sw. Sta. Liggett 138 kV line.	1/10/2018	3/11/2020	3/11/2020		1,630,734			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38220	Monfort Switch: Replace 138 kV circuit breaker	City of Corsicana, Navarro County	Replace three 138 kV circuit breakers	9/16/2019	2/26/2020	2/26/2020		699,414			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
16T62037 (M5161)	North Main Switch: Install two 138 kV, 2000 A circuit breakers with provisions for an additional 138 kV circuit.	City of Fort Worth, Tarrant County	Install two 138 kV, 2000 A circuit breakers with provisions for an additional 138 kV circuit.	12/22/2019	12/23/2020	12/23/2020		3,730,993			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01786 (M4110)	Norwood Substation: Upgrade 138 kV NW Carrollton Line Terminals	City of Irving, Dallas County	Upgrade all terminal and associated equipment as a part of upgrading the NW Carrollton Norwood Sw. Sta. 138 kV double-circuit line	3/23/2019	6/10/2020	6/10/2020		286,343			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
16T65027 (P100)	Norwood Substation: 345 kV Bus Auto #1 & 138 kV yard relay upgrade	City of Irving, Dallas County	Upgrade protective relaying within the 345 kV and 138 kV switchyards at Norwood Substation	2/25/2019	6/11/2020	6/11/2020		2,500,000			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT37340	Odessa EHV Switch: Install security measures	City of Odessa, Midland County	Install security measures at switching station.	2/3/2020	12/29/2020	12/29/2020		2,102,168			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04005 (R9028)	Odessa North Switch: Remove 69 kV terminal and re-terminate the new Cowden North - Odessa North 138 kV Line	City of Odessa, Ector County	Remove 69 kV terminal and re-terminate the new Cowden North - Odessa North 138 kV Line	8/5/2019	4/1/2020	4/1/2020		518,029			100	69	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38370 (R6089)	Palestine Sub: Modify relaying for the new Blackburn Switch terminal	City of Palestine, Anderson County	Modify relaying for the new Blackburn Switch terminal by adding a transfer trip receiver	9/15/2019	2/28/2020	2/28/2020		116,126			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18162052 141750047	Panther Island Sub	City of Fort Worth, Tarrant County	Remove and rebuild the North Main Substation to the south of Heritage Sub and North Main Switch as Panther Island Sub consisting of two transformers and eight feeder breakers	12/2/2019	6/29/2020	6/29/2020		6,150,086			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
18165175 (M4251)	Proline (Redbud) 138 kV POI	City of Prosper, Collin County	Install three motor operated SCADA control 138 kV line sectionalizing switches.	9/18/2019	6/1/2020	6/1/2020		1,226,518			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38608 OPT39359 (R8473)	Railside Switch: Establish POD by installing four 138 kV circuit breakers in a ring-bus arrangement	City of Odessa, Wink County	Provide two 138 kV PODs for customer owned stations on the Wink Switch. No Trees Switch 138 kV Line by establishing four 138 kV circuit breakers in a ring-bus arrangement.	9/3/2019	12/30/2019	12/30/2019		4,564,269			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39224	Richardson Spring Creek-Install 4th Transformer and Two Feeder Breakers	City of Dallas, Dallas County	Install 4th Transformer and Two Feeder Breakers	10/25/2019	6/17/2020	6/17/2020		2,073,664			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37647 (R8454)	Rondo STATCOM	Odessa County	Install one +250/-250 Mvar Dynamic Reactive Device and one 138 kV circuit breaker at Quarry Field 138 kV Sw. Station	9/15/2019	12/19/2019	12/19/2019		33,058,594			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04026 OPT39368	Rough Creek Sub: Establish 138-12.5 kV Station	Scurry County	Convert the station to operate at 138 kV by replace the existing substation with a two transformer station.	2/15/2020	6/15/2020	6/15/2020		4,978,865			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT38654 (R8474)	Shin Oak 138 kV POD: Establish Point of Delivery	City of Wink, Winkler County	Establish a 138 kV POD for customer owned station on the Yuca Switch Moss Switch 138 kV Line.	11/4/2019	12/27/2019	12/27/2019		614,379			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04142 OPT38155	Shipwreck Sub: Establish Substation with two Transformers and five Feeder Breakers	City of Odessa, Ector County	Establish Substation with two Transformers and five Feeder Breakers. Connect the Shipwreck 138 kV Substation to the McDonald Road Switch - Shipwreck Substation 138 kV Line, approximately 14 miles southwest of Garden City 69 kV Substation, and install three 138 kV sectionalizing switches	5/6/2019	12/31/2019	12/31/2019		4,994,843			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
18162062 (M5245)	Springdale Sub - Upgrade bus and switches to 2000 A	City of Fort Worth, Tarrant County	Upgrade all line terminal and associated equipment.	1/7/2019	6/24/2020	6/24/2020		412,200			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37764 (M4202)	Ti Dallas Sub: Terminal upgrade for Kirtland park line, (East Circuit)	City of Dallas, Dallas County	Upgrade all terminal and associated equipment as a part of upgrading the Ti Dallas - Schroeder Road 138 kV double-circuit underground line section by adding two additional HPFF underground conductors.	1/30/2020	4/28/2020	4/28/2020		605,480			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04051 (M4226)	Tri Corner Switch: 345 kV rung 4 addition	City of Seagoville, Dallas County	Install three 345 kV, 3200 A circuit breakers to create the Watermill Sw. Sta. to Trinidad 345 kV Line Terminal as a part of the reconductor of Tri Corner Switching Station, Watermill Switching Station, 345 kV line	1/30/2019	2/19/2020	2/19/2020		2,186,398			100	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38928 OPT40520 (R8477)	Turnbaugh Corner Switch: Establish 138 kV switching station	Odessa County	Establish a switching station with a 3-breaker 138 kV ring bus arrangement for a 138 kV POI for customers generator.	10/14/2019	5/16/2020	5/16/2020		4,470,574			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT03971	Tyler Substation: Rebuild to 138 kV	City of Tyler, Smith County	Convert Tyler Sub to 138kV by replacing two transformers with two transformers and install one feeder breaker.	1/9/2020	6/26/2020	6/26/2020		7,116,396			100	69	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04099 17780061 (M3211)	Vineyard (formerly Grapevine) Switch: Establish 138 kV Station	City of Grapevine, Tarrant County	Establish the Vineyard 138 kV Switch approximately 0.2 miles south of McKamy Tap by installing twelve 3200 A, 138 kV circuit breakers in a breaker-and-a-half arrangement	8/29/2019	12/20/2019	12/20/2019		16,812,197			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39201	West Network Sub-Rebuild station adjacent to existing station	City of Dallas, Dallas County	Rebuilding of West Network Substation includes replacing switchgear containing twelve feeder breakers and three transformers.	5/20/2020	5/15/2021			16,333,958			52	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04289 OPT37802	Weston Substation: Establish one substation transformer and two feeder breakers	City of McKinney, Dallas County	Establish one substation transformer and two feeder breakers	2/20/2020	5/1/2021			5,832,085			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39591 OPT39613	Willow Wells Sub: Install one transformer and two feeder breakers	Odessa County	Install one transformer and two feeder breakers	2/19/2020	6/16/2020	6/16/2020		4,272,325			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT38773 (R8289)	Wolf Switch: Establish 345 kV three rung breaker and a half	City of Monahans, Ward County	Establish switching station by installing nine 345 kV circuit breakers in a three rung breaker and a half arrangement with two autotransformers and three 138 kV circuit breakers.	11/21/2019	7/2/2020	7/2/2020		20,150,000			100	138	138/345	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38646 (M5289)	Ray Roberts Switch: Establish Station for POI	City of Gainesville, Cooke County	Install a 138 kV (POI) Connect the Ray Roberts 138 kV Switch to the Gainesville Switch - Spring Switch (BEC) and install three circuit breakers	6/12/2020	12/17/2020	12/17/2020		4,222,333			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	

ONION ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT39579 OPT41234	Hill Crest: Rebuild station to replace existing station with one transformer & three feeder breakers	City of Big Springs, Howard County	Rebuild station to replace the existing station with one transformer and three feeder breakers	1/15/2020	6/16/2020	6/16/2020		2,848,043			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT38704 (P121)	Handley Switch : Bus Protection Upgrade	City of Fort Worth, Tarrant County	Replace 138 kV bus protection and install new 138 kV breaker and associated switches/CCVT's	8/18/2020	12/15/2020	12/15/2020		1,597,389			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39269 OPT38405	China Lake Sub : Establish Substation with one transformer and two feeder breakers	City of Pyote, Ward County	Establish substation with one transformer and two feeder breakers	2/26/2020	6/26/2020	6/26/2020		4,473,465			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39746	Allen Switch : Security Updates	City of Plano, Denton County	Security Updates	10/28/2020	12/23/2020	12/23/2020		1,856,896			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39900 (R8486)	Camp Pasture POD	City of Odessa, Ector County	Provide a 138 kV (POD) on the south circuit of the Spraberry Switch - Midessa South Switch/Odessa BHV Switch 138 kV Double-Circuit Line. Install motor operated SCADA control on three 138 kV 3200 A line sectionalizing switches, provide customer revenue metering.	4/4/2020	6/26/2020	6/26/2020		580,615			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39273	Cedar Hill Sub: Install one transformer	City of Cedar Hill, Dallas County	Add second transformer, transformer #4, convert the distribution load and move away from transformer #1 and #2	2/3/2020	6/29/2020	6/29/2020		2,161,780			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04046 (R8061)	Centerville I45 Sub: 138 kV Line Terminal Upgrade	City of Buffalo, Leon County	Upgrade all line terminal and associated equipment to meet or exceed 2000 A as a part of the rebuild of the Crockett Switching Station - Jewett Switching Station 138 kV Line.	1/31/2020	5/28/2020	5/28/2020		334,820			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39416 (R8478)	Cloverdale POD: Provide a (POD)	City of Midland, Midland County	Provide a 138 kV POD on the Midland East Spraberry Switch 138 kV Line. Install motor operated SCADA control on three 138 kV 2000 A line sectionalizing switches, and provide customer revenue metering.	5/7/2020	6/1/2020	6/1/2020		800,000			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
17T65011 (M5041)	Dalworth Substation 138 kV line terminal upgrade	City of Arlington, Tarrant County	Upgrade all terminal and as a part of upgrading the Cedar Hill Sw. Sta. Upgrade 138 kV line. Includes replacing high side switches on both transformers and adding FIDs to both transformers.	7/18/2020	12/18/2020	12/18/2020		1,850,000			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39275 OPT38451	Dooley Sub: Replace one transformer	City of Monahans, Ward County	Rebuild existing Northwest Sub with one transformer and establish new Dooley Sub with one transformer	4/5/2020	6/30/2020	6/30/2020		3,514,683			100	69	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39272	Edgecliff Sub : Install Second Transformer #4 with Two Feeder Breakers	City of Fort Worth, Tarrant County	Install Transformer #4 with two feeder breakers, rebuild the bus, upgrade station #3 bus to standard and relaying to Suburban IV	9/17/2020	12/30/2020	12/30/2020		3,949,536			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39911 OPT40872	Elbow Sub: Replace Transformer #1 with one transformer	City of Big Springs, Howard County	Replace Transformer #1 with one transformer	5/12/2020	6/29/2020	6/29/2020		1,462,792			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Legacy Sharyland Project
OPT39466 (M5293)	Gober Switch: Establish a switching station for a 138 kV POI	City of Gober, Fannin County	Install three 138 kV, 3200 A circuit breakers in a ring bus arrangement to establish a 138 kV (POI). Connect this switching station to the Bonham Wolf City 138 kV line section of the Valley Switch.	7/9/2020	12/9/2020	12/9/2020		4,029,773			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39759 (R750)	Hutto Switch : 345/138kV autotransformer #2	City of Hutto, Williamson County	Install a new autotransformer, one 345 kV, 3200 A circuit breaker and two 138 kV, 3200 A circuit breakers at Hutto Switch. Install two 37.5 MVAR reactors on the tertiary of the new autotransformer.	1/16/2020	6/19/2020	6/19/2020		4,716,132			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39278 15T80011	Jack Rabbit Sub : Establish Substation with one Transformer, and three feeder Breakers	City of Odessa, Ector County	Establish Substation with one Transformer, and three feeder Breakers	12/12/2019	6/18/2020	6/18/2020		4,244,804			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39695 (R8485)	Kelton Windmill POD: Establish POD	City of Odessa, Ector County	Provide a 138 kV (POD) on the east circuit of the McKenzie Draw Switch - Midland County Northwest/Midland East Switch 138 kV Double-Circuit Line. Install motor operated SCADA control on three 138 kV 3200 A line sectionalizing switches, provide customer revenue metering.	3/30/2020	6/26/2020	6/26/2020		535,662			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39748	Kennedale Sub: Establish substation with two transformers	City of Kennedale, Tarrant County	Establish substation by installing Bank #3 and Bank #4 with two transformers and four feeder breakers. This will be done by looping the Everman - Cleburne 138 kV Line into station.	4/8/2020	6/29/2020	6/29/2020		4,194,465			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39486	Lakecrest Sub (Fish Creek) : Establish Substation with one Transformer and Three Feeder Breaker	City of Grand Prairie, Dallas County	Establish Substation with one transformer and three feeder breakers	5/6/2020	12/30/2020	12/30/2020		4,390,668			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40696	Lakewood Sub : Replace transformer #1 and #2	City of Fort Worth, Tarrant County	Replace transformer #1 and #2 with Delta-Wye transformers due to transformer #2 failing and requiring replacement.	10/7/2019	4/14/2020	4/14/2020		1,393,478			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39742 OPT39698 (R8480)	Long Pasture POD	Not in City Limits, Ward County	Install motor operate Scada control on three 138 kV 3200A line sectionalizing switches, a 138kV circuit breaker for UVLS, and provide customer revenue metering as a part of installing a as a part of installing a 138 kV (POD) on the north circuit of the Wink Switch - Riverton Switch 138 kV Double-Circuit Line.	3/16/2020	4/20/2020	4/20/2020		1,099,760			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT40652 OPT40908 (R4101)	Loring POI : Establish 138 kV POI	Clay County, TX	Install motor operated Scada control on three 138 kV 2000 A line sectionalizing switches as a part of installing a 138 kV POI located in the Commerce Sw. - Bonham Sw. 138kV line.	4/5/2020	5/14/2021			547,155			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT04282	Pauline Substation: Install one Transf. #2 and one 25kV Feeder	City of Matamoras, Henderson County	Install one transformer #2 and One Feeder Breaker	8/24/2020	12/28/2020	12/28/2020		1,968,298			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01087 14T80005	Salado South Substation: Establish Salado South Substation with one transformer and two feeder breakers	City of Salado, Bell County	Establish Salado South Substation with one transformer and two feeder breakers	4/27/2020	12/18/2020	12/18/2020		2,850,570			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT01906 14T80017	Scatter Branch Substation: Establish New Substation with One Transformer and Two 25 kV Feeder Breakers	City of Greenville, Hunt County	Establish New Substation with one transformer and Two 25 kV Feeder Breakers	6/12/2020	12/22/2020	12/22/2020		5,322,690			100	69	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT40274 (R5511)	Slager Lake POD: Provide a 138 kV (POD)	Reagan County	Install motor operate Scada control on three 138 kV 2000 A line sectionalizing switches as a part of installing a 138 kV POD on the Penkiff-Ringo 138 kV Line.	4/13/2020	6/29/2020	6/29/2020		588,514			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT36884 (R8489)	Vesimoor Switching Station: Install second autotransformer	City of Big Springs, Howard County	Upgrade the switch by installing a second auto transformer and re-configuring the switching station. Install a 4-breaker ring bus arrangement with four 345 kV, 3200 A circuit breakers.	10/1/2019	6/15/2020	6/15/2020		25,000,000			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	NTSU project
OPT40162 (R8493)	Wink Switch: Install 138 kV circuit breaker	City of Wink, Winkler County	Install one 3200 A, 138 kV circuit breaker and reterminate the Wink Switch - Yucca Drive Switch 138 kV Line onto the fifth rung and terminate the new Wink Switch - Andrews County South Switch 138 kV Line on the fourth rung.	1/29/2020	6/16/2020	6/16/2020		620,365			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38701 (M5291)	Woodard Switch: Establish Station for (POI)	City of Deport, Lamar County	Install a 345 kV (POI) at Woodard 345 kV Switch. Connect the Woodard 345 kV Switch to the Monticello Switch Paris Switch 345 kV line section. Install three 345 kV, 3200 A circuit breakers at Woodard 345 kV Switch.	2/12/2020	6/1/2020	6/1/2020		7,029,097			100	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40476	Adobe Meadows Sub: Replace oil circuit breaker (BZO) with FID	City of Midland, Midland County	Replace oil circuit breaker (BZO) with FID and install retrofit transformer protection panels.	10/18/2020	12/7/2020	12/7/2020		413,082			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40036 16T80064 (M5066)	Carmichael Bend Switch: Rebuild the existing Decordova Switching Station in a breaker-and-a-half bus arrangement.	City of Granbury, Hood County	Rebuild the existing Decordova 345/138 kV Sw. Sta. with a 12-breaker, 138 kV breaker-and-a-half bus arrangement, and a 5-breaker 345 kV breaker-and-a-half bus arrangement.	6/5/2020	12/28/2020	12/28/2020		23,776,545			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT40694 (M5066)	Comanche Peak Switch 138 kV: Replace relaying on Decordova terminal to Carmichael Bend	City of Glen Rose, Somervell County	Replace Relaying in the 138 kV Comanche Peak Control house for the Decordova bay to work with the new Carmichael Bend Switchyard.	10/7/2020	12/18/2020	12/18/2020		318,031			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40227 OPT43641 (R8506)	Gardendale Switch: Install a 345 kV point-of-interconnection (POI)	City of Andrews, Andrews County	Establish a three 345 kV, 3200 A circuit breakers ring bus to install a 345 kV(POI). The POI will be located on the Clearfork Switch Telephone Road Switch 345 kV Line.	4/23/2020	10/26/2020	10/26/2020		6,166,160			100	345	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT40659 (R8525)	Lenorah POD: Establish 138 kV POD	City of Lenorah, Martin County	Install Scada control on three 138 kV 2000 A line switches, two 138 kV 2000A isolation switches and one set of 138 kV revenue metering with associated structures and equipment as a part of establishing a 138 kV (POD) on the Grady Switch Brown Switch 138 kV Line.	4/7/2020	7/15/2020	7/15/2020		1,292,715			100	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38668 16T80023	Monument Draw Sub: Establish substation with one transformer, two feeder breakers	City of Andrews, Andrews County	Establish substation with one transformer, two feeder breakers	3/27/2020	12/8/2020	12/8/2020		4,241,336			100	na	138	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT04287	Morris Dido Substation: Install one Transformer #2 and two Feeder Breakers	City of Fort Worth, Tarrant County	Install one transformer #2 with two Feeder Breakers	7/8/2020	12/28/2020	12/28/2020		1,786,931			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40871 OPT39915	Blissard Sub: Establish one substation next to the existing Saint Lawrence Sub	City of Garden City, Glascock County	Blissard Sub: Establish one substation next to the existing Saint Lawrence Sub	3/19/2020	6/23/2020	6/23/2020		3,257,919			100	na	138	na	na	na	na	na	na	na	25.83(a)(3)	Legacy Sharyland Project
OPT40918	Odessa EHV CREZ Switch: Security system installed	City of Odessa, Midland County	Security system installed	10/1/2020	12/29/2020	12/29/2020		1,044,061			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40703 (M3037)	Royce Switch: Replace the existing 138 kV fuseless capacitor banks with 110.4 Mvar	City of Royce, Rockwell County	Remove capacitor Bank #1 that's connected to the North 138 kV Bus. Replace the existing 138 kV fuseless capacitor banks with 110.4 Mvar, 138 kV supervisory-controlled transmission capacitor banks on 138 kV south bus. Install three new FIDG for switching capacitors.	2/27/2020	6/1/2020	6/1/2020		958,638			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40357 (R6112)	Sandow Switch: Install one bank of three 36.8 MVAR stages	City of Rockdale, Milam County	Install 110.4 Mvar of 138 kV capacitors consisting of three 36.8 MVAR stages that are voltage and supervisory controlled emergency.	3/3/2020	6/1/2020	6/1/2020		1,825,926			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT40874	Grady Sub: Install one Transformer #2 with two Feeder Breakers	City of Lenorah, Martin County	Install one Transformer #2 with two Feeder Breakers	2/19/2020	6/10/2020	6/10/2020		1,885,509			100	na	138	na	na	na	na	na	na	na	25.83(x)3	Legacy Sharyland Project
OPT40876 OPT39914	Triangle Sub: Install one Transformer on #2	City of Stanton, Martin County	Install a second transformer and remove transformers #1 and #2 at Stanton Substation. Complete installation of fiber for line protection, modify 138 kV bus protection to provide redundancy.	3/16/2022	5/15/2022						0	na	138	na	na	na	na	na	na	na	25.83(x)3	
OPT40943	Stryker Creek Switch: Replace tertiary reactor on 345/138 kV Auto #1	City of Lufkin, Angelina County	Replace tertiary reactor on 345/138 kV Auto #1	1/15/2020	6/22/2020	6/22/2020		702,508			100	138/345	na	na	na	na	na	na	na	na	25.83(x)3	
OPT39281 OPT41845	Sulphur Springs East Sub: Install Second Transformer and Two Feeder Breakers	City of Sulphur Springs, Hopkins County	Install Second transformer with Two Feeder Breakers	8/7/2020	12/28/2020	12/28/2020		2,708,194			100	na	138	na	na	na	na	na	na	na	25.83(x)3	Costs updated to include associated ROW estimates.
OPT40418 (R8428)	Tunstall POD: Install SCADA controlled motor operators on existing switches	Reeves County	Install SCADA controlled motor operators on existing 138 kV line switches for Tunstall POD.	3/10/2020	5/14/2020	5/14/2020		782,247			100	138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT37353 (R6073)	Tyler Northwest Sub: Remove the 138-69 kV Auto and demo the 138 kV bus at Tyler NW	City of Tyler, Smith County	Remove the 138/69kV Auto, remove the 69 kV Circuit Breaker, remove the associated relay panels and demo the 138kV bus at Tyler NW. Relocate the 138/69 kV auto to Tyler Switch.	8/5/2020	12/15/2020	12/15/2020		210,000			100	69/138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT39292	Tyler Southwest Sub: Install 2nd Transformer and two Feeder Breakers	City of Tyler, Smith County	Install second Transformer and two Feeder Breakers	7/31/2020	5/15/2021			1,238,958			40	na	138	na	na	na	na	na	na	na	25.83(x)3	
OPT03968 (R6073)	Tyler Switch: Rebuild to a four(4) breaker 138 kV ring bus	City of Tyler, Smith County	Upgrade the existing station by installing four 2000 A or greater, 138 kV circuit breakers and associated equipment in a 4-breaker ring bus arrangement. Install one autotransformer and associated equipment.	6/1/2020	12/23/2020	12/23/2020		5,592,300			100	138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT03969 (R6071)	Tyler West Sub: Retire 69 kV	City of Tyler, Smith County	After the completion of R6071 (Black Fork Sw. Sta. Tyler West Tyler Sw. Sta. 69 kV Line Conversion to 138 kV) and R6073 (Tyler Sw. Sta.) projects remove station.	8/20/2020	12/22/2020	12/22/2020		1,017,891			100	69	138	na	na	na	na	na	na	na	25.83(x)3	
OPT39289	Waxahachie Sub: Replace two Transformers with one upgraded Transformer and add 2 Feeder Breakers	City Azle, Tarrant County	Replace two Transformers with one upgraded Transformer and add 2 Feeder Breakers	5/21/2021	12/1/2021						0	138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40344 OPT39327	Beals Creek (formerly Andrews Highway) Sub: Establish two transformers and three feeder breakers	City of Big Spring, Howard County	Establish substation with two transformers and three feeder breakers.	2/18/2019	6/29/2020	6/29/2020		6,104,599			100	na	138	na	na	na	na	na	na	na	25.83(x)3	Costs updated to include associated ROW estimates.
OPT39744	Celeste Sub: Install FID and new control center for separation of the PCI from TMLPA	City of Sulphur Springs, Hopkins County	Install a FID and new control center complete with relaying protection for all Oncor owned equipment to establish plant separation at Celeste substation	3/24/2020	12/16/2020	12/16/2020		897,899			100	na	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40489	Comanche Switch: Replace 138 kV circuit breakers	City of Comanche, Comanche County	Replace two 138 kV circuit breakers	3/10/2020	6/12/2020	6/12/2020		518,143			100	138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40497	Graham 69 Switch: Replace 69 kV circuit breakers	City of Graham, Young County	Replace two 69 kV circuit breakers	3/25/2020	5/12/2020	5/12/2020		267,228			100	69	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40615 OPT39676 (R8523)	Nelson Switch: Establish a 138 kV POI for Rodeo Solar Generator	City of Odessa, Ector County	Establish a 138 kV (POI) for Rodeo Solar Generator by installing one 138 kV, 3200 A circuit breaker in existing ring-bus	9/18/2020	4/29/2021			1,263,067			84	na	138	na	na	na	na	na	na	na	25.83(x)3	Costs updated to include associated ROW estimates.
16765011	Lake Hubbard Switch: Protective relay upgrade	City of Garland, Dallas County	Upgrade East and West 138 kV bus protection to provide redundancy for three phase faults.	11/30/2020	3/19/2021			460,709			75	138	na	na	na	na	na	na	na	na	25.83(x)3	Project re-added to report. Line item was inadvertently removed from the September and October reports.
OPT40488	Palestine South Switch: Replace 138 kV circuit breaker	City of Palestine, Anderson County	Replace 138 kV circuit breaker.	8/22/2020	11/16/2020	11/16/2020		253,406			100	138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40647 (R8537)	Red Salt POD: Establish 138 kV POD	City of Big Spring, Howard County	Install three motor operated 138 kV 2000 A line sectionalizing switches as part of installing a 138 kV (POD) substation on the Brown - Grady 138 kV transmission line.	8/5/2020	12/18/2020	12/18/2020		752,369			100	138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40493	Richardson East Sub: Replace 138 kV circuit breaker	City of Richardson, Dallas County	Replace two 138 kV circuit breaker .	10/12/2020	1/31/2021			392,583			99	138	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40926 (M486)	Sargent Road Switch: Install second transformer	City of Dallas, Dallas County	Install second autotransformer, one 3200 A circuit breakers.	3/13/2020	5/14/2020	5/14/2020		2,035,196			100	138/345	na	na	na	na	na	na	na	na	25.83(x)3	
OPT40484	Temple Switch: Replace 69 kV and 138 kV circuit breakers	City of Temple, Bell County	Replace 69 kV and 138 kV circuit breakers.	9/18/2020	10/26/2020	10/26/2020		619,777			100	69/138	na	na	na	na	na	na	na	na	25.83(x)3	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT39045 (M5290)	Arbala 138 kV Switch: Establish station for 138 kV POI for Solemio Solar Generator	City of Sulphur Springs, Hopkins County	Install a 138 kV POI for Solemio Solar Generator at Arbala 138 kV switch. Connect the Arbala 138 kV switch to the Sulphur Springs Switch- Commerce Switch 138 kV line section.	10/18/2021	11/18/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40335 OPT43083 (M5313)	Cedar Elm Switch: Establish a 345 kV switching station for Era Wind Generator	City of Sanger, Fresno County	Establish switching station by installing three 345 kV, 5000 A circuit breakers in a ring bus arrangement for a 345 kV (POI) for the Era wind Wildcat Creek Wind Farm facility.	6/15/2020	12/30/2020	12/30/2020		7,478,769			100	na	345	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT38349 OPT42924 (M5288)	Copperhead Switch: Establish Station for (POI) for Phoenix Solar	City of Bonham, Fannin County	Install a 138 kV (POI) for Phoenix Solar Generator at Copperhead 138 kV Switch. Connect the Copperhead 138 kV Switch to the Bonham-Wolf City 138 kV line section of the Valley Switch-Commerce Switch 138 kV line.	7/1/2020	3/1/2021			4,221,247			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT41008 OPT43058 (R8536)	Fairgrounds POD: Establish 138 B567 kV POD	City of Midland, Midland County	Install three motor operated Scada controlled 138 kV 3200 A line sectionalizing switches as part of installing two 138 kV (POD)	10/3/2020	12/14/2020	12/14/2020		822,820			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40938	Harry Hines Sub: Establish Substation with one transformer and a switchgear building with twelve circuit breakers for eight feeders	City of Dallas, Dallas County	Establish Substation with one transformer and a switchgear building with twelve circuit breakers for eight feeders.	8/17/2020	12/24/2020	12/24/2020		5,583,889			100	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41001 OPT43058 (R8533)	Oceanic POD: Establish 138 kV POD	City of Big Springs, Howard County	Install three motor operated 138 kV 2000 A line sectionalizing switches as part of installing a 138 kV (POD) substation on the Brown - Grady 138 kV transmission line.	8/18/2020	11/12/2020	11/12/2020		766,820			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT40655 OPT42395 (R8524)	Roadrunner (formerly Aspen) POD: Establish 138 kV Point of Interconnection	City of Odessa, Ector County	Install motor operate Scada control on three 138 kV 3200 A line sectionalizing switches, a 138 kV circuit breaker, and provide customer revenue metering as a part of installing a as a part of installing a 138 kV (POD).	9/28/2020	2/15/2021			1,385,854			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT41462	Alkali Lake Sub: Replace transformers #1 & #2	City of Stanton, Martin County	Replace transformers #1 & #2	10/21/2020	12/14/2020	12/14/2020		2,443,568			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40614 (R8431)	Culberson Switch: Install a new 3200 A, 138 kV circuit breaker in an existing ring bus for a POI for LCRA	City of Odessa, Ector County	Install a new 3200 A, 138 kV circuit breaker in an existing ring bus for a POI for LCRA.	8/28/2020	11/24/2020	11/24/2020		671,330			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04152	Farmers Branch Substation: Install bank #4 with one transformer and one circuit breaker	City of Dallas, Dallas County	Install bank #4 with one transformer and one circuit breaker.	2/22/2020	12/9/2020	12/9/2020		3,326,427			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41196	Las Colinas Sub: Installation of piers for the stabilization of the station	City of Irving, Dallas County	Installation of piers for the stabilization of the station.	7/24/2020	6/30/2021			750,105			99	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40650 (R8540)	Manning POD: Establish a 138 kV POD	City of Odessa, Ector County	Establish a 138 kV POD on the LCRA Crane East - Crane 138 kV line.	12/11/2020	3/8/2021			922,339			10	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40412 (R8521)	Nobles POD: Provide a 138 kV POD	City of Midland, Midland County	Establish Nobles POD for customer owned station, a 138 kV POD on the Midessa South - Midland Airport 138 kV line.	8/15/2020	3/1/2021			857,254			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41600 (M4178)	Plano Texas Instrument Switch: Establish POD	City of Richardson, Dallas County	Install two 138 kV circuit breakers to establish a 138 kV POD on the Plano West Switch - Allen Switch and Plano West Switch - Richardson East Switch 138 kV lines.	4/5/2020	12/15/2020	12/15/2020		6,129,808			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41239 (R8126)	Sandow Switch: Establish POD	City of Rockdale, Milam County	Disconnect circuit #3 from two breakers and reroute circuit #3 to two future breakers at Sandow 138 kV Switch. Terminate the Whinstone 138 kV point of interconnection.	2/25/2020	6/1/2020	6/1/2020		480,698			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
19763018 (R8444)	Sourty County South Switch: Add 138 kV line terminal for Canyon Wind	City of Snyder, Scurry County	Install a new 138 kV bay with two 138 kV, 3200 A circuit breakers and associated equipment to install a 138 kV POI for customer's generator.	11/2/2021	12/16/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41232 (M4286)	Venus Switch: Dismantle and remove all out-of-service 138 kV switch-yard facilities due to establishment of Kamp Ranch Switch	City of Dallas, Dallas County	Dismantle and remove all out-of-service 138 kV switch-yard facilities due to establishment of Kamp Ranch Switch.	6/11/2020	10/6/2020	10/6/2020		692,000			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39790 (M5294)	Burleson Sub: Establish substation with a 4-breaker ring bus arrangement	City of Burleson, Tarrant County	Establish substation with a 4-breaker ring bus arrangement and remove the existing 138 kV capacitor bank from Burleson Substation.	10/17/2020	5/15/2021			5,026,314			10	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41069 (M5086)	Decordova Switch: Reconfigure the station to connect new 138 kV lines from Carmichael Bend Switch	Hood County	Reconfigure the station to connect new 138 kV lines from Carmichael Bend Switch to two circuit breakers. Auto will be stored in place and remove all other 138 kV breakers in the yard.	11/20/2020	12/21/2020	12/21/2020		1,850,528			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38516 (R9037)	Fullerton Switch: Construct the third breaker-and-a-half rung of 138 kV circuit breakers	City of Andrews, Andrews County	Construct the third breaker-and-a-half rung of 138 kV circuit breakers. Terminal equipment minimum capability of 2000 A or greater. Remove the Fullerton 69 kV Substation.	12/19/2020	5/15/2021			2,400,000			15	69	138	na	na	na	na	na	na	na	25.83(a)(3)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT41110	Horsehead Draw Sub: Add second transformer with two feeder breakers	City of Odessa, Ector County	Add second transformer with two feeder breakers	7/6/2020	12/17/2020	12/17/2020		2,096,238			100	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41497	Jack Rabbit Sub: Install 2nd transformer with two feeder breakers	City of Odessa, Ector County	Install second transformer with two feeder breakers.	1/6/2020	5/15/2021			2,079,653			99	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41542 (R6462)	Midkiff Switch: Remove Midkiff 69 kV switch	City of Odessa, Upton County	Remove Midkiff 69 kV Switch	5/4/2020	10/8/2020	10/8/2020		505,820			100	69	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38205 (R6462)	Midkiff Switch: Install 138 kV circuit breaker	City of Odessa, Ector County	Install one 3200 A, 138 kV circuit breaker and close the normally open switch at Shipwreck Substation.	8/21/2020	12/15/2020	12/15/2020		1,269,711			100	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41509 (M4312)	Renner Switch: Replace SVC 1 and SVC 2 Controls	City of Plano, Collin County	Upgrading control system.	3/16/2020	5/15/2021			7,963,373			40	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41551	Stanton Sub: Install a fourth transformer at Stanton Substation with a one transformer, remove transformers #1 and #2 at Stanton Substation and demo 69 kV wood structure	City of Stanton, Martin County	Install a fourth transformer at Stanton Substation with a one transformer, remove transformers #1 and #2 at Stanton Substation and demo 69 kV wood structure.	8/28/2020	12/10/2020	12/10/2020		2,143,550			100	69	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41988 (R6462)	Shipwreck Sub: Terminate line from Midkiff	Reagan County	Terminate line from Midkiff	8/23/2020	12/1/2020	12/1/2020		318,217			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39282 OPT39322	Pooville Sub: Establish Substation with one transformer and two feeder breakers	City of Weatherford, Parker County	Establish Substation with one transformer and two feeder breakers.	2/15/2021	5/15/2021			4,307,847			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT39502 (R6127)	Eliot 345 kV Switch: Establish station with a 345 kV, 3 breaker ring bus station for POI.	City of Corsicana, Navarro County	Establish station with a 345 kV, 3 breaker ring bus station for POI.	11/17/2020	4/21/2021			7,045,688			42	na	345	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41313 (M3058)	Quinlan Tap: Establish a radial line terminal by installing a one autotransformer with a 69 kV breaker	City of Royce, Rockwall County	Establish a radial line terminal by installing a one autotransformer with a 69 kV breaker.	8/14/2020	5/15/2021			2,308,995			28	na	69/138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40390 (R6128)	Big Onion Switch: Establish station with 3-breaker, 345 kV ring-bus arrangement for POI	City of Ennis, Ellis County	Establish station with 3-breaker, 345 kV ring-bus arrangement for POI.	10/14/2020	4/21/2021			7,067,651			44	na	345	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41798 (R3016)	Double Mountain Switch: Install one 75 MVAR reactor	Lubbock County	Install one 75 MVAR reactor	9/5/2020	6/15/2021			2,818,273			29	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41685 15T80045	Cottonfield Sub: Establish substation with transformer and two 25 kV feeder breakers	City of Stanton, Martin County	Establish substation with transformer and two 25 kV feeder breakers.	6/12/2020	12/22/2020	12/22/2020		4,641,381			100	345	na	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT41537	Valley 345 kV Switch: Replace 345 kV DFR	City of Savoy, Fannin County	Replace 345 kV DFR	12/4/2020	12/10/2020	12/10/2020		202,906			100	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41799 (R3017)	Fiddlewood Switch: Install one 75 MVAR reactor on the 345 kV south bus	Lubbock County	Install one 75 MVAR reactor on the 345 kV south bus	6/16/2020	6/15/2021			2,848,009			81	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41309	Wall Street Sub: Remove station #4 transformer and switchgear and install UG distribution bays for Station #3, and reconfigure 138 kV bus	City of Dallas, Dallas County	Remove station #4 transformer and switchgear and install UG distribution bays for Station #3, and reconfigure 138 kV bus.	1/26/2021	5/15/2021			2,000,000			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40937	Coyanosa Sub: Replace transformer #1	City of Pecos, Reeves County	Replace transformer #1	2/9/2021	5/15/2021			3,281,351			0	na	69/138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41528	TI Dallas Sub: Replace CB #012	City of Dallas, Dallas County	Replace CB #012	11/16/2020	12/17/2020	12/17/2020		367,788			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40479	Armstrong Sub: Replace flash bus	City of Dallas, Dallas County	Replacing flash bus by installing three FIDS and retrofit transformer protection panels on three transformers.	10/27/2020	12/11/2020	12/11/2020		970,000			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41831	China Grove Switch: Upgrade 138 kV bus protection and 138 kV/69 kV auto protection relaying	Mitchell County	China Grove Switch: Upgrade 138 kV bus protection and 138 kV/69 kV auto protection relaying	9/29/2020	5/31/2021			2,017,975			87	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40648 (R6544)	Dillon POD: Establish 138 kV POD	Martin County	Provide a 138 kV (POD) on the Andrews North McKenzie Draw 138 kV line by installing three 138 kV 3200 A motor operated sectionalizing switches and low-voltage metering.	1/12/2021	3/1/2021			764,363			10	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41776 (R6541)	Dog House Switch: Install two 345 kV, 3200 A circuit breakers, POI	City of Andrews, Andrews County	Install two 345 kV, 3200 A circuit breakers POI, ensure all terminal and associated equipment meets or exceeds 3200 A.	1/21/2021	3/31/2021			2,754,580			0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40611	Graham 345 kV Switch: Auto protection upgrade	Young County	Upgrade 138 kV/345 kV auto protection panels (2 panels total) and (1) Tertiary reactor panel. Modify 345 kV DC system to allow fully redundant DC sources. Add 345 kV bus CCVT's C & D buses. Replace 345 kV C&D house battery chargers with 35A.	10/19/2020	5/15/2022			1,180,134			79	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	

**OSCAR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021**

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT40543	Graham Plant Switch : Bus protection upgrade scope	Young County	Modify relaying to include installing two gen interconnection/separation schemes, and upgrade 138 kV Bus A&B protection. Add 138 kV bus CCVT's on A & B buses to provide backup for single-breaker line protection.	10/22/2020	12/15/2021			1,438,785			79	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39271	LTV Sub: Install breaker to relieve overloaded Grand Prairie feeders	City of Dallas, Dallas County	Install breaker to relieve overloaded Grand Prairie feeders.	6/29/2020	1/31/2021			2,536,056			99	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40475	North Breckenridge Sub: Replace FID	City of Breckenridge, Stephens County	Replace FID with new 1200A, 40kA S&C circuit switcher	10/2/2020	12/30/2020	12/30/2020		263,417			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41312	Renner Sub: Replace one 138 kV cap bank relay panel	City of Plano, Denton County	Replace one 138 kV cap bank relay panel.	9/26/2020	12/16/2020	12/16/2020		336,767			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41311	Renner Switch: Replace two 138 kV cap bank relay panels	City of Plano, Denton County	Replace two 138 kV cap bank relay panels on two circuit breakers.	10/5/2020	12/7/2020	12/7/2020		573,201			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41627 (R964)	Stouts Creek Switch : Establish Station for (POI)	Hopkins County	Establish station by installing three 345 kV, 3200 A circuit breakers in a 3-breaker ring bus arrangement for a (POI). Station will connect to the Allen Switch-Monticello Switch 345 kV line.	5/17/2021	11/1/2021						0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41535	Temple Pecan Creek Switch : Replace the 138 kV and 345 kV DFR	City of Temple, Bell County	Replace the 138 kV and 345 kV DFR	8/17/2020	11/13/2020	11/13/2020		210,749			100	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41908 (R8546)	Thirtysix Draw POD: Establish 138 kV POD	Glasscock County	Provide a 138 kV (POD) on the Spraberry Switch - McDonald Road Switch 138 kV line by installing three 138 kV 2000 A motor operated sectionalizing switches and low-voltage metering.	11/11/2020	3/30/2021			706,759			37	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42420	Tyler Grande Switch : Replace one failed circuit breaker	City of Tyler, Smith County	Replace one failed circuit breaker	5/4/2020	6/29/2020	6/29/2020		479,573			100	na	na	na	na	na	na	na	na	na	25.83(d)	Emergency Project
OPT39848	Waco West Sub: Demo and retire station	City of Waco, McLennan County	Demo and retire station as part of rebuilding station at new location called Du Puy Substation	6/15/2020	11/3/2020	11/3/2020		391,310			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41084 OPT43619 (R6131)	Buckhorn Switch: Establish a 345 kV switching station for POI	City of Goldthwaite, Mills County	Establish switching station with a 3-Breaker ring bus. The POI will be located within Oncor's Brown Switch - Killean Switch 345 kV double-circuit line.	11/14/2020	6/1/2021			7,346,402			5	na	345	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT41795 OPT43016 (M5316)	Byrd Road 345 kV Switch: Establish 345 kV switch station in a 3-Breaker ring bus switchyard for POI	City of Electra, Wichita County	Establish a 345 kV switching station POI by installing three 345 kV, 3200 A circuit breakers in a ring bus.	10/9/2020	5/21/2021			7,321,208			59	na	345	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT41218 (M4311)	Ennis West Switch: Install 138 kV circuit breakers	City of Ennis, Ellis County	Install 138 kV circuit breakers and re-terminate Oncor line terminals	1/12/2021	5/15/2021			2,281,324			7	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40478	Fairmont Sub: Replace flash bus by installing four FIDS and retrofit transformer protection panels	City of Dallas, Dallas County	Replace flash bus by installing four FIDS and retrofit transformer protection panels on all transformers	10/2/2020	12/15/2020	12/15/2020		1,049,666			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40687	Loraine Sub: Decommission Substation	City of Sweetwater, Nolan County	Decommission substation	2/25/2021	5/31/2021			313,505			0	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40995 (R8481)	Quarry Field Switch: Establish 345 kV switching station	Loving County	Establish switching station with a 345 kV four rung breaker-and-a-half configuration with 5000 A two 345/138 kV autotransformers, four 138 kV circuit breakers and four 13.8 kV reactors.	9/21/2020	5/15/2021			20,740,520			62	na	138/345	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38759 (R6069)	Redland Switch: Rebuild Herty North Switch with a 6-breaker 138 kV breaker-and-a-half bus arrangement	City of Lufkin, Angelina County	Rebuild Herty North Switch with a 6-breaker 138 kV breaker-and-a-half bus arrangement.	8/25/2020	5/15/2021			6,859,445			12	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03989 (M4088)	Welch Road Sub: Upgrade all line terminal and associated equipment to meet or exceed 3000 A	City of Dallas, Dallas County	Welch Road Sub: Upgrade all line terminal and associated equipment to meet or exceed 3000 A	9/16/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39691 (R9038)	Andrews North Sub: Establish a new 138 kV line terminal at Andrews North Substation	Andrews County	Establish a new 138 kV line terminal at Andrews North Substation as apart of converting the Fullerton Switch - Andrews North Line (East) to operate at 138 kV.	11/10/2020	5/15/2021			2,081,466			62	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42568	Burnett Switch: Replace failed autotransformer #2 with a 138-69 kV autotransformer	City of Wichita Falls, Sedgewick County	Replace failed autotransformer #2 with a 138-69 kV autotransformer.	2/6/2021	5/14/2021			464,360			0	na	69/138	na	na	na	na	na	na	na	25.83(d)	Emergency project
OPT42130	Irving Valley View Sub: Install transformer #4 with one transformer and two feeder breakers	City of Irving, Dallas County	Install transformer #4 with one 138/25 kV transformer and two feeder breakers.	12/3/2020	5/15/2021			3,726,946			4	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42611	Italy Sub: Replace the single-phase transformer with one three phase transformer and install 1 additional feeder breaker	City of Italy, Ellis County	Replace the single-phase transformer with one three phase transformer and install 1 additional feeder breaker.	10/13/2020	12/15/2020	12/15/2020		1,212,415			100	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42127	John Day Sub: Install transformer #2 with a 138-25 kV	City of Fort Worth, Tarrant County	Install transformer #2 with a 138-12 kV.	10/11/2020	5/15/2021			2,059,940			71	na	138	na	na	na	na	na	na	na	25.83(a)(3)	

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT41597 (M5223)	Keller Wall Price 138 kV Sub: Replace the two existing capacitor banks	City of Keller, Tarrant County	Replace the two existing capacitor banks with two supervisory-controlled transmission capacitor banks	1/25/2021	5/15/2021			1,686,860			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38749 (M4245)	Norwood Switch: Upgrade two 138 kV circuit breakers	City of Irving, Dallas County	Upgrade two 138 kV circuit breakers	1/13/2021	5/15/2021			290,612			61	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42333 (M5277)	Saginaw Switch: Dismantle and retire station	City of Fort Worth, Tarrant County	Dismantle and retire station as a part of establishing Deen Switch station	8/31/2020	5/15/2021			844,750			60	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42621	Southlake Sub: Replace failed transformer #1	City of Fort Worth, Tarrant County	Replace failed transformer #1, with spare transformer removed from Round Rock South	8/6/2020	8/4/2020	8/4/2020		1,375,866			100	138	na	na	na	na	na	na	na	na	25.83(d)	Emergency project
OPT41249 (M5315)	Thorn Tree Switch: Establish switching station to install a 345 kV for POI	City of Mount Vernon, Franklin County	Establish switch station in a 9-breaker 345 kV breaker and-a-half arrangement	12/15/2020	5/31/2021			14,415,064			19	na	138	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT42530	Sweetwater Tap: Install motor operate Scada control on three 138 kV line sectionalizing switches	City of Sweetwater, Nolan County	Install motor operate Scada control on three 138 kV line sectionalizing switches and install trans-closure to replace the existing control house	10/27/2020	6/30/2021			724,445			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39690 (R9039)	Means Sub: Convert the station from 69 kV to 138 kV	City of Andrews, Winkler County	Convert the station from 69 kV to 138 kV and connect to the Fullerton Switch - North Andrews 138 kV line (East)	11/23/2020	5/15/2021			1,007,308			9	69	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42368 (M4131)	Keystone Sub: Establish station by installing a one transformer with two feeder breakers	City of Odessa, Winkler County	Establish station by installing one transformer with two feeder breakers	12/7/2020	7/1/2021			749,724			1	na	69/138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03991 (M4131)	Sorcery Road Sub: Upgrade line terminal and associated equipment	City of Dallas, Dallas County	Upgrade line terminal and associated equipment as a part of upgrading the Cedar Hill Sw. Sta. - Sorcery Road - Cedar Hill 138 kV line	3/29/2021	5/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03992 (M4131)	Cedar Hill Switch Sub: Upgrade line terminal and associated equipment	City of Cedar Hill, Dallas County	Upgrade line terminal and associated equipment as a part of upgrading the Cedar Hill Sw. Sta. - Sorcery Road - Cedar Hill 138 kV	9/16/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42207 (M4131)	Alcatraz Sub: Establish substation with two transformers and four feeder breakers	Loving County	Establish substation with two transformers and four OH feeder breakers	1/25/2021	5/15/2021			5,923,526			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41719 (R6079)	Elkton Switch: Upgrade all line terminal and associated equipment	City of Tyler, Smith County	Upgrade all line terminal and associated equipment as a part of rebuilding the 5.3-mile Tyler Switch - Elkton Switch 138 kV line	1/7/2021	5/15/2021			385,477			30	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42121	Midland West Sub: Install transformer #4 by adding one transformer and one feeder breaker with UG exit	City of Odessa, Midland County	Install transformer #4 by adding one transformer and one feeder breaker with UG exit	2/8/2021	6/30/2021			1,813,969			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42838 (M4046)	Watermill Switch: Replace one overdutied 345 kV CB	City of Lancaster, Dallas County	Replace one overdutied 345 kV CB	4/5/2021	5/15/2021						0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41624 (M4315)	Pebble Creek Switch: Establish 138 kV switching station	City of Red Oak, Ellis County	Establish 138 kV switching station for (POD)	2/15/2021	11/15/2021			5,600,194			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42129 (16T80062)	Midnight Sub (Round Rock North): Establish two transformers and three 25 kV UG feeder breakers	City of Temple, Bell County	Establish two transformers and three feeder breakers	2/8/2021	6/15/2021			8,006,154			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	Costs updated to include associated ROW estimates.
OPT42134	Loving Sub: Replace transformer #1 & #2 with two transformers and four feeder breakers with UG feeder exits	Loving County	Replace transformer #1 & #2 with two transformers and four feeder breakers with UG feeder exits	2/3/2021	6/30/2021			2,118,306			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39692 (16T80017 (R9039))	Frankel City Sub: Convert station from 69 kV to 138 kV	City of Andrews, Andrews County	Convert station from 69 kV to 138 kV	4/2/2021	5/15/2021						0	69	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42965 (M3092)	Austin Ranch Sub: Establish a POI 138 kV for Brazos	City of The Colony, Denton County	Establish a 138 kV POI at Austin Ranch. Install two LS switches	4/5/2021	6/1/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42794	Plano Shiloh Road Sub: Install a third transformer at Plano Shiloh Rd and three breakers	City of Plano, Collin County	Install a third transformer at Plano Shiloh Rd and three breakers	2/15/2021	5/15/2021			6,182,250			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42143	Driver Sub: Install transformer #4 with one transformer and two feeders	City of Odessa, Midland County	Install transformer #2 with one transformer and two UG feeder breakers	1/11/2021	6/15/2021			2,840,072			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04147 (OPT37291)	Riverview Sub: Establish one transformer and two feeder breakers	Ward County	Establish one transformer and two feeder breakers	1/22/2021	5/15/2021			4,336,570			0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03997 (M3047)	Plano Coll Road Sub: Upgrade line terminal and associated equipment	City of Plano, Collin County	Upgrade line terminal and associated equipment as a part of upgrading the Renner Switch - Allen Switch/Plano Tennyson Switch 138 kV	2/15/2021	5/15/2021			519,104			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT03066 (M4086)	Marsh Lane Switch: Upgrade all line terminal and associated equipment	City of Dallas, Dallas County	Upgrade all line terminal and associated equipment as a part of the rebuilding the Northaven Sw. Station - Morrison Lane Sw. Station 138 kV double-circuit line	10/15/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42155	Buildog Sub: Install transformer #2 with one transformer and three feeder breakers	City of Big Springs, Howard County	Install transformer #2 with one transformer and three feeder breakers	1/21/2021	5/15/2021		2,460,007				0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41447 (M5317)	Teco Switch: Add a single line terminal to establish POI	City of Toco, Lamar County	Add a single line terminal to the existing ring-bus for the POI.	9/20/2021	11/4/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42145	Canal Road Sub: Install transformer #2 with one transformer and two feeder breakers	City of Odessa, Winkler County	Install transformer #2 with one transformer and two feeder breakers	2/15/2021	5/15/2021		2,605,207				0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42133	Screwbean Sub: Replace transformer #1 with one transformer and two feeder breakers with UG feeder exits	City of Salt Flat, Hudspeth County	Replace transformer #1 with one transformer and two feeder breakers with UG feeder exits	3/29/2021	5/15/2021		2,490,653				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42240	Thornhillville Sub: Install transformer #2 with one transformer with two feeder breakers	City of Monahans, Ward County	Install transformer #2 with one transformer with two feeder breakers	2/15/2021	5/15/2021		1,913,069				0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT36291	Frisco West Sub: Install transformer #2 with one transformer and two feeder breakers	City of Frisco, Collin County	Install transformer #2 with one transformer and two feeder breakers	1/22/2021	5/15/2021		1,930,958				0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41783 (R9038)	Andrews Switch: Remove & retire station as a part of Fullerton Switch - North Andrews Switch 138 kV Conversion East	Andrews County	Remove & retire station as a part of Fullerton Switch - North Andrews Switch 138 kV Conversion East	4/5/2021	5/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42139	Celina Southeast Sub: Install transformer #2 with one transformer and two UG feeder breakers	City of Celina, Collin County	Install transformer #2 with one transformer and two 25 kV feeder breakers	4/5/2021	5/15/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39495 (M4314)	Anna Switch: Add 138 kV line terminal and upgrade one CB line terminal and replace MDAR relaying panels	City of Melissa, Collin County	Add 138 kV line terminal and upgrade one CB line terminal and replace MDAR relaying panels	1/16/2021	5/15/2021		1,244,973				0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42516	Britton Road Sub: Install one 25 kV feeder on transformer #1 and energize transformer #3	City of Mansfield, Tarrant County	Install one 25 kV feeder on transformer #1 and energize transformer #3	2/16/2021	6/15/2021		2,167,007				0	na	345	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42176	Brookhollow Sub: Install transformer #3 with one transformer and two feeder breakers	City of Arlington, Tarrant County	Install transformer #3 with one transformer and two feeder breakers	2/15/2021	5/15/2021		2,900,455				0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41016 (M5222)	Duval Sub: Remove 69 kV station and establish 138-12.5 kV station	City of Fort Worth, Tarrant County	69 kV station and establish 138-12.5 kV station	7/5/2021	12/15/2021						0	69	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40560 (R6132)	Four Brothers Switch: Establish 345 kV switch bus with a 3-breaker arrangement	City of Waco, Hill County	Establish 345 kV switch bus with a 3-breaker arrangement	5/17/2021	12/16/2021						0	na	345	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03978 (M5155)	Handley Switch: Upgrade line terminal and associated equipment	City of Fort Worth, Tarrant County	Upgrade line terminal and associated equipment as a part of upgrading the Handley - Sherry 138 kV double circuit line	9/16/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03979 (M5155)	Lakewood Sub: 138 kV terminal upgrade	City of Fort Worth, Tarrant County	Upgrade line terminal and associated equipment as a part of upgrading the Handley - Sherry 138 kV double circuit line	9/10/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41222 (R6308)	Natural Dam Sub: Station Expansion	City of Big Springs, Howard County	Upgrade the 138 kV switch by installing one 3200 A, 138 kV circuit breaker in a 5-breaker ring bus arrangement.	2/15/2021	5/15/2021		1,095,864				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42227	Owl Hills Sub: Install transformer #3 and two feeder breakers	Culberson County	Install transformer #3 and two feeder breakers.	1/17/2021	5/15/2021		2,836,453				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03980 (M5155)	Panego Sub: 138 kV terminal upgrade	City of Arlington, Tarrant County	Upgrade line terminal and associated equipment as a part of upgrading the Handley - Sherry 138 kV double circuit line.	4/5/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41451 OPT42232 (M4302)	Shenle Switch: Establish 138 kV breaker and a half station (formerly Ennis Switch)	City of Ennis, Ellis County	Establish station by installing eight 138 kV, 3200 A circuit breakers in a breaker-and-a-half bus arrangement.	3/29/2021	12/15/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42652	Shipwreck Sub: Install the 3rd transformer with two feeder breakers	City of Odessa, Reagan County	Install the 3rd transformer with two feeder breakers.	5/3/2021	8/1/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41031 18180022 (M5278)	Timberview Switch: Establish 345 kV Switch	City of Eyreman, Tarrant County	Establish 345 kV switch bus with a 15-breaker and-a-half bus arrangement.	2/4/2021	12/15/2021		20,561,331				0	na	345	na	na	na	na	na	na	na	25.83(a)(3)	

ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT FOR
February 2021

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT40993 (M4314)	Anna Southeast Sub: Upgrade 138 kV terminal equipment and re-configure station arrangement	City of Melissa, Collin County	Upgrade the 138 kV terminal equipment to 3200A and reconfigure station arrangement for new double circuit line connection.	3/8/2021	5/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38750 (M4245)	Denton Drive Switch: Upgrade East bus and terminal 138 kV circuit breaker(s) to 3200A, convert circuit breaker line relaying to fiber	City of Dallas, Dallas County	Upgrade terminal circuit breaker to 3200A as a part of upgrading the 3.9-mile Norwood Switch – Denton Drive Switch 138 kV double-circuit line.	2/15/2021	5/15/2021			892,375				138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03995 (M4131)	Eagle Ford Sub: 138 kV Cedar Hill Switch - Sorcey Road line terminal upgrade	City of Dallas, Dallas County	Upgrade line terminal and associated equipment as a part of upgrading the Cedar Hill Switch – Sorcey Road – Cedar Hill 138 kV line.	2/22/2021	5/15/2021			277,040			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42128 OPT42305	Flat Land (Red Lake) Sub: Establish Flat Land Sub with two transformers and two feeder breakers.	City of Stanton, Martin County	Establish Flat Land Sub with two transformers and two feeder breakers.	2/10/2021	5/15/2021			5,071,351				na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42713 (R8526)	Horseshoe Springs Switch: Establish line terminal by installing one 3200A, 138 kV circuit breaker(s)	City of Orla, Culberson County	Establish line terminal by installing one 3200A, 138 kV circuit breaker(s).	3/29/2021	5/15/2021							na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42835 (R8559)	Moss Switch: Replace two overvoltage 138 kV circuit breaker(s)	City of Odessa, Ector County	Replace overvoltage 138 kV circuit breaker(s)	3/15/2021	5/15/2021							138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43129 (R867)	Piano West Switch: 138 kV bus configuration modification	City of Richardson, Dallas County	Remove the bus link between transformer #1 & #2 and between two switches. Install motor operated sectionalizing switches between transformer #1- transformer #3.	2/8/2021	5/15/2021			544,024			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42712 (R8526)	Riverton Switch: Establish line terminal by installing one 3200A, 138 kV circuit breaker(s)	City of Orla, Culberson County	Establish line terminal by installing one 3200A, 138 kV circuit breaker(s).	2/15/2021	5/15/2021			1,165,807				na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT02809 M4250	South Hampton Sub: Upgrade all line terminal and associated equipment	City of Duncannon, Dallas County	Upgrade all line terminal and associated equipment as part of upgrading the 9.1-mile Cedar Hill Switch - Camp Wisdom Road Switch 138 kV line	9/15/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43044 (R6071)	Tyler Northwest Sub: Terminate Shambarger Switch line	City of Tyler, Smith County	Terminate Shambarger Switch line into Tyler NW Substation. Remove the 138 kV circuit breaker(s) and associated relaying.	3/15/2021	6/30/2021			871,191			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41700 (R6097)	Eustace Sub: Upgrade terminal equipment	City of Eustace, Henderson County	Upgrade terminal equipment as a part of rebuilding the Eustace Southeast Switch (RECEC) - Mabank 138 kV line section.	3/10/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42672	Brownwood Switch: Upgrade cap bank protection to current standards	City of Brownwood, Brown County	Upgrade cap bank protection to current standards.	2/16/2021	5/15/2021			990,421			0	na	na	na	na	na	na	na	na	na	25.83(d)	
OPT42797 (R4023)	Tecumseh Creek Switch: Establish 345 kV station for POI	City of Graham, Young County	Establish 345 kV, three breaker ring bus with circuit breakers to provide a POI.	3/22/2021	11/18/2021							na	345	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41994	Bowman Switch: Bus and auto relay upgrades and auto equipment	City of Wichita Falls, Wichita County	Bus and auto relay upgrades.	3/15/2021	12/15/2021			2,487,508				na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43601 OPT43465	Lonesome Draw Sub: Install transformer #3 and two breakers	City of Midkiff, Upton County	Install one transformer with two feeder breakers and transfer feeder exit from bank #1 to the new transformer.	2/1/2021	6/15/2021			3,047,168				na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03987 (M4088)	Morrison Lane Switch: Upgrade all line terminal and associated equipment	City of Dallas, Dallas County	Upgrade all line terminal and associated equipment as a part of the rebuilding the Northaven Switch Station - Morrison Lane Switch Station 138 kV double circuit line.	3/1/2022	5/15/2022						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43602 OPT43314	Prosper Sub: Establish substation with one transformer and two feeder breakers	City of Prosper, Collin County	Establish substation with one transformer and two feeder breakers.	2/15/2021	5/31/2021			8,512,765				na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41963 OPT42300	Gamma (formerly Palmer) Substation: Establish a new substation adjacent to Palmer substation with one transformer and two feeder breakers	City of Palmer, Ellis County	Establish a new substation adjacent to Palmer substation with one transformer and two feeder breakers.	3/1/2021	12/15/2021							na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41217 (R8503)	Wink Switch: 138 kV breaker addition	City of Wink, Winkler County	Install one 138 kV 3200A breaker to terminate the new 138 kV Wink line being converted from 69 kV.	3/1/2021	5/15/2021							69	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42179	Campion (formerly Bluebonnet Lakes) Sub: Establish station with one transformer and two feeder breakers	City of Grand Prairie, Dallas County	Establish station with one transformer and two feeder breakers.	6/14/2021	12/15/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42634	Rocky Creek Switch: Replace MDAR relaying panel for one circuit breaker and replace DFR	City of Crowley, Tarrant County	Replace MDAR relaying panel for circuit breaker.	5/3/2021	5/15/2021						0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42377 (M4247)	Carrollton Northwest Switch: Replace the existing autotransformer	City of Carrollton, Denton County	Replace the existing autotransformer and install one 345 kV, 3200A circuit breaker on the 345 kV bus.	7/12/2021	12/1/2021							138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	

Utility Project Number	Project Name	Location (City/Country)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
OPT42637	Comanche Switch - Replace MDAR relaying panel for one circuit breaker	City of Comanche, Comanche County	Replace MDAR relaying panel for one circuit breaker	3/29/2021	5/15/2021						0	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38196 (M4232)	Carrollton East Sub - Upgrade terminals	City of Carrollton, Denton County	Upgrade terminals as a part of re-conducting the Carrollton East Switch - Renner Switch/Northaven Switch 138 kV double-circuit line section.	2/1/2021	2/20/2021			256,892				138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43714 (R8579)	Germania POD - Establish 138 kV POD	City of Odessa, Midland County	Establish a 138 kV POD substation on the Yosemite - Triangle 138 kV transmission line.	3/2/2021	5/15/2021							na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41323 (M5134)	Calmont Switch - Install one capacitor bank consisting of three 18.4 MVAR stages	City of Fort Worth, Tarrant County	Install one capacitor bank consisting of three 18.4 MVAR stages of voltage and supervisory controlled 138 kV transmission capacitors at Calmont 138 kV Switch.	8/23/2021	12/15/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43683	Courtland Sub - Replace failed 345-25 kV Transformer #1	City of Arlington, Tarrant County	Replace failed 345-25 kV transformer #1 with Britton Rd Spare	11/17/2020	1/30/2021						99	345	na	na	na	na	na	na	na	na	25.83(d)	Emergency project
OPT03994 (M4131)	Duncanville South Sub - Upgrade line terminal and associated equipment	City of Duncanville, Dallas County	Upgrade line terminal and associated equipment as a part of upgrading the Cedar Hill Switch Station - Sorcery Road - Cedar Hill 138 kV line	9/13/2021	12/15/2021						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42261 (R0609)	Herty North Switch - Dismantling and retire the existing station.	City of Lufkin, Angelina County	Dismantling and retire the existing station as a part of rebuilding Herty North Switch with a 6-breaker 138 kV breaker-and-a-half bus arrangement to establish Redland Switch.	7/22/2021	12/1/2021							138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41599 (M4095)	Mountain Creek Switch - Install two 138 kV, 3200 A circuit breakers	City of Dallas, Dallas County	Install two 138 kV, 3200 A circuit breakers for Mountain Creek Switch- Cedar Crest Switch 138 kV double-circuit line.	6/1/2021	12/15/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41754 OPT40063	Oil Mill Lake Sub - Rebuild Marlin sub on new site	City of Marlin, Wallis County	Establish station to replace Marlin with two transformers. Connect the station to the Marlin Switch - Groesbeck Switch 69 kV line and install three 138 kV line sectionalizing switches.	7/5/2021	12/15/2021							69	69, 138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT44112	Reagan Street Sub - Replace failed transformer #2	City of Dallas, Dallas County	Replace failed transformer #2	12/22/2020	2/1/2021			464,201			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43555 (R8492)	Reval Switch - Replace two 138 kV circuit breakers with auto sectionalizing switches	City of Odessa, Midland County	Replace two 138 kV circuit breakers with auto sectionalizing switches	4/5/2021	5/15/2021							138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT41964 (M4317)	Rice Sub - Convert to 138 kV as a part establishing the Ennis Southeast - Rice 138 kV line section	Navarro County	Convert to 138 kV as a part establishing the Ennis Southeast - Rice 138 kV line section by converting and upgrading the 6.7-mile of Ferris Switch - Corsicana Switch 69 kV line from structure 3/2 to substation.	7/5/2021	12/15/2021							69	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43060	Valley South Switch - Install Security Measures	City of Savoy, Fannin	Install security measures at switching station.	6/1/2021	12/31/2021							345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42512	Venus Switch - Establish a new transformer with two feeder breakers	City of Venus, Ellis County	Establish a new transformer with two feeder breakers	5/1/2021	12/1/2021						0	na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT42153 14780018 17780007	Stagecoach Sub - Establish station with one transformer and two feeder breakers	City of Killeen, Bell County	Establish station with one transformer and two feeder breakers	4/12/2021	12/1/2021							na	138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43812	SL Windmill Switch - Replace RTU	Carson County	Replace RTU	5/2/2021	12/31/2021							na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT43811	SL Albates Switch - Replace RTU	City of Hereford, Deaf Smith County	Replace RTU	4/2/2021	12/31/2021							na	na	na	na	na	na	na	na	na	25.83(a)(3)	
CCN APPLICATIONS - APPROVED																						
13780013 16780061	New Bethel 345 kV Loop Line	Anderson, Freestone, Navarro and Henderson Counties	This project is to construct the new double-circuit New Bethel 345 kV Line connecting the proposed New Bethel Switching station to a connection along one of four existing 345 kV transmission line segments in the region.	12/31/2021	12/31/2022		26,499,000 (0-line) 7,232,000 (stations)				0	na	345	27.0	1926.9 kcmil ACSS/TW	Lattice Steel Towers	na	na	160	13.5	44672	Application Filed 7/10/2015. Administrative Approval received on 09/25/2015.
16780079 OPT36865 OPT04007 OPT04008 OPT01964 OPT37343 (R8341) (R8340)	Riverton - Sand Lake 345 kV Line (Operating at 138 kV)	Reeves, Ward and Loving Counties	Construct the new double-circuit capable Riverton - Sand Lake 345 kV Line connecting the proposed Riverton Switching Station to the proposed Sand Lake Switching Station. Initially, one circuit will be installed and operated at 138 kV.	1/17/2019	12/30/2019	12/30/2019	47,483,000 (0-line) 8,750,000 (stations)	64,718,425 (0-line) 10,584,293 (stations)			100	na	138	39.7	1926.9 kcmil ACSS/TW	Lattice Steel Towers	na	na	160	39.7	47368	Application Filed 7/21/2017. Final Order issued on 5/11/2018.

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
17780077 OPT38181 OPT38182 OPT38179 OPT38178 OPT38426 19T63008 OPT38517 OPT38518 OPT38372 OPT38836 (R8356) (R8429) (R8351)	Odessa EHV - Riverton and Moss Riverton 345 kV Line	Crane, Ector, Loving, Reeves, Ward, and Winkler Counties	This project is to construct the new double-circuit 345 kV line connecting the Odessa EHV Switching Station and the Moss Switching Station to the Riverton Switching Station.	3/6/2019	12/20/2020	12/20/2020	199,729,000 (t-line) 23,832,000 (stations)	248,571,042 (t-line) 18,840,070 (stations)			100	345	345	216.7	1926.9 kcmil ACSS/TW	Lattice Steel Towers	150	15.9	160	100.4	48095	Application Filed 3/16/2018. Final Order issued on 9/17/2018.
18T80036 OPT04001 OPT38840 OPT04013 OPT38886 18T80020 (Portion) OPT04138 (50%) (R8383) (R8408)	Horseshoe Springs - Owl Hills 138 kV Line	Culberson County	Construct the new single-circuit 138 kV line connecting the Horseshoe Springs Switching Station to Owl Hills Substation.	10/1/2019	2/11/2020	2/11/2020	34,033,000 (t-line) 2,868,000 (stations)	40,312,661 (t-line) 5,063,031 (stations)			100	na	138	29.9	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	29.9	48544	Application Filed 8/31/2018. Administrative Approval received on 11/20/2018.
OPT37302 OPT38601 OPT38858 OPT04138 (50%) (R8428)	Owl Hills - Tunstill POD 138 kV Line	Culberson and Reeves Counties	Construct the new single-circuit 138 kV line connecting the proposed Owl Hills Substation to the Tunstill POD.	5/4/2019	12/10/2020	12/10/2020	20,628,000 (t-line) 1,847,000 (stations)	27,244,438 (t-line) 3,100,331 (stations)			100	na	138	18.7	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	18.7	48582	Application Filed 8/31/2018. Administrative Approval received on 11/20/2018.
17780032 OPT04024 OPT38884 (R8027)	Cogdell - Clairemont 138 kV Line	Kent and Scurry Counties	This project is to construct the new double-circuit 138 kV line connecting the Oncor existing Cogdell Substation to the Brazos Electric existing Clairemont Substation. One circuit will be installed initially.	4/17/2019	12/30/2020	12/30/2020	10,197,500 (t-line) na (stations) (Oncor Portion)	18,589,374 (t-line) na (station) (Oncor Portion)			100	na	138	11.9 (Oncor Portion)	959.6 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	11.9 (Oncor Portion)	47808	Application Filed 12/11/2017. Final Order issued on 1/18/2019.
OPT39679 OPT38619 OPT38948 (R8482) (R8284)	Clearfork - Dog House 345 kV Line	Andrews County	Construct the new 345 kV transmission line connecting the existing Clearfork Switchyard to the proposed Dog House Switchyard.	10/23/2019	6/1/2020	6/1/2020	14,304,695 (t-line) 6,995,400 (stations)	14,104,673 (t-line) 6,282,514 (stations)			100	na	345	10.3	959.6 kcmil ACSS/TW	Steel Poles	na	na	175	10.3	48861	Application Filed 11/28/2018. Administrative Approval received 2/6/2019.
NA	Stiles - Coates 138 kV Line	Reagan County	Construct the new 138 kV transmission line connecting the existing Stiles station to the proposed Coates station.	12/31/2021	12/31/2023		9,662,000				0	na	138	8.0	959.6 kcmil ACSS/TW	Steel or Concrete Poles	na	na	100	8.0	46726	Application Filed 1/17/2017. Final Order issued on 9/29/2017.
OPT37182 OPT40453 OPT38505 OPT38427 (R8380) (R8420)	Sand Lake - Solstice 345 kV Line	Pecos, Reeves, and Ward Counties	This project is to construct the new double-circuit 345 kV line connecting the Oncor Sand Lake Switch to the AEP Texas Solstice Switch.	6/21/2019	12/28/2020	12/28/2020	49,110,000 (t-line) 17,600,000 (stations) (Oncor Portion)	68,922,778 (t-line) 22,523,721 (stations) (Oncor Portion)			100	na	345	89	1926.9 kcmil ACSS/TW	Lattice Steel Towers	na	na	160	44.5	48785	Application Filed 11/7/2018. Final Order issued on 6/26/2019.
OPT38174 OPT40267 OPT04144 (50%) OPT40870 OPT40867 (50%) (R8427)	Riverton - Kyle Ranch 138 kV Line	Loving and Reeves Counties	Construct the new single-circuit 138 kV line connecting the Riverton Switch station to the Kyle Ranch Substation.	6/6/2020	12/10/2020	12/10/2020	19,207,000 (t-line) 3,040,000 (stations)	21,226,008 (t-line) 3,301,428 (stations)			100	na	138	15.2	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	15.2	49304	Application Filed 3/28/2019. Administrative Approval received on 7/17/2019.
OPT38573 OPT38506 OPT38427 OPT38426 (R843)	Riverton - Sand Lake 345 kV Line Circuit Addition (Phase 2)	Reeves and Ward Counties	Add the second circuit on the vacant circuit position of the Riverton - Sand Lake 345 kV Line that will be operated at 345 kV.	6/21/2019	12/18/2020	12/18/2020	29,200,000 (t-line) 1,185,000 (station)	24,561,647 (t-line) 1,454,167 (station)			100	138	345	39.9	1926.9 kcmil ACSS/TW	Lattice Steel Towers	160	39.9	na	na	49723	Application Filed 7/19/2019. Administrative Approval received on 10/7/2019.
OPT38176 OPT04088 OPT04087 OPT04144 (50%) OPT42631 OPT37531 OPT40867 (50%) (R8384) (R8412)	Kyle Ranch - Quarry Field 138 kV Line	Loving County	Construct the new single-circuit 138 kV line connecting the Kyle Ranch Substation to the Quarry Field Switch station.	3/18/2019	5/15/2021		16,832,000 (t-line) 15,855,000 (stations)	Line Cost not available, line construction has not begun 18,959,901 (stations)			99	na	138	12.4	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	12.4	49302	Application Filed 3/28/2019. Final Order issued on 3/2/2020.
18T65183 OPT38448 OPT04020 OPT04021 (M4268)	Sargent Road - Oakland Ave. Tap 138 kV Line	Dallas County	Construct the new single-circuit 138 kV line connecting Sargent Road Switch to Oakland Avenue Tap installed completely within Oncor fee-owned property.	7/10/2019	12/11/2020	12/11/2020	4,940,000 (t-line) 1,375,000 (stations)	4,460,100 (t-line) 1,424,358 (stations)			100	na	138	2.5	959.6 kcmil ACSS/TW	Steel Poles	100	2.5	na	2.5	50217	Application Filed 11/21/2019. Notice of approval issued on 3/4/2020.
OPT41156 OPT42396 OPT40679 OPT41331 OPT41511 OPT42120 (R8534)	Johnson Draw POD - Salt Flat Road 138 kV Line	Midland County	Construct the new single-circuit 138 kV line connecting the Salt Flat Road Switch to the proposed Johnson Draw POD.	11/11/2020	5/15/2021		5,257,000 (t-line) 1,461,000 (stations)	5,257,000 (t-line) 1,502,572 (stations)			47	na	138	2.8	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	2.8	50560	Application Filed 3/5/2020. Notice of approval issued on 5/26/2020.

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
CCN APPLICATIONS - PENDING																						
OPT39531 (R9057)	Bearkat - Longshore 345 kV Line	Glasscock and Howard Counties	Construct the new single-circuit 345 kV line connecting the WETT Bearkat Switch to the Oncor Longshore Switch.	6/30/2021	3/31/2022		29,339,500 (t-line) 1,700,000 (station) (Oncor Portion)				0	na	345	30.8	1926.9 kcmil ACSS/TW	Steel Poles or Lattice Steel Towers	na	na	160	30.8	50410	Application Filed 1/14/2020.
OPT44498 (R8384)	Kyle Ranch - Quarry Field 138 kV Line (Modification of route approved in Docket No. 49302)	Loving County	Construct the new single-circuit 138 kV line connecting the relocated Kyle Ranch Substation to the Quarry Field Switch station	10/31/2021	3/31/2022						0	na	138	11.3	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	11.3	51737	Application Filed 2/4/2021.
CCN APPLICATIONS - Oncor / LP&L: The following projects are being reported on behalf of Oncor and the City of Lubbock, by and through Lubbock Power & Light																						
OPT39835 OPT39844 OPT39823 OPT39631 OPT39632 (56.2%) (R3005) (R3002) (R3003)	Ogallala - Abernathy 345 kV Line	Castro, Hale and Swisher Counties	Construct the new single-circuit 345 kV line connecting the existing Ogallala station to the existing Abernathy station. This project is part of the LP&L integration into the ERCOT system.	1/15/2020	6/15/2021		87,876,048 (t-line) 8,304,600 (stations)	88,807,431 (t-line) 9,122,137 (stations)			94	na	345	57.90	959.6 kcmil ACSS/TW	Steel Poles or Lattice Steel Towers	na	na	175	57.90	48625	Application Filed 9/6/2018. Final Order issued on 9/26/2019.
OPT39896 OPT40341 OPT39625 OPT41983 OPT39632 (25.7%) OPT39633 (55.3%) OPT40608 (R3008) (R3003) (R3001)	Abernathy - Wadsworth 345 kV Line	Hale and Lubbock Counties	Construct the new single-circuit 345 kV line connecting the existing Abernathy station to the existing Wadsworth station. This project is part of the LP&L integration into the ERCOT system.	1/15/2020	6/15/2021		56,736,759 (t-line) 9,403,700 (stations)	56,702,358 (t-line) 9,635,298 (stations)			85	na	345	32.90	959.6 kcmil ACSS/TW	Steel Poles or Lattice Steel Towers	na	na	175	32.90	48668	Application Filed 9/20/2018. Final Order issued on 10/14/19. This is a Sharyland acquired project for the LP&L ERCOT integration. Originally filed under the NTU predecessor report.
OPT39845 OPT41440 OPT41442 OPT39634 OPT39635 OPT39628 OPT39626 OPT41832 OPT39633 (44.7%) OPT41847 (R3006) (R3004) (R3010) (R3009) (R3001)	Wadsworth - New Oliver - Farmland 345 kV Line (WNF)	Lubbock and Lynn Counties	Construct the new single-circuit 345 kV line connecting the existing Wadsworth station to the existing Farmland station, routed through one of two options for the proposed New Oliver station. This project is part of the LP&L integration into the ERCOT system.	3/24/2020	6/15/2021		67,769,000 (t-line) 20,638,000 (stations)	77,538,361 (t-line) 24,168,146 (stations)			45	na	345	41.90	959.6 kcmil ACSS/TW	Steel Poles or Lattice Steel Towers	na	na	175	41.90	48909	Application Filed 12/19/2018. Originally filed under the NTU predecessor report. Final Order issued on 1/23/20. This is a Sharyland acquired project for the LP&L ERCOT integration. Originally filed under the NTU predecessor report.
OPT39845 OPT41452 OPT39732 OPT39967 OPT39629 OPT39630 (R3006) (R3001) (R3014) (R3013)	Southeast - New Oliver - Oliver 115 kV Line (SNO)	Lubbock County	Construct the new single-circuit 115 kV line connecting the existing Southeast station to the existing Oliver station, routed through one of two options for the proposed New Oliver station. This project is part of the LP&L integration into the ERCOT system.	5/27/2020	6/15/2021		20,688,000 (t-line) 31,248,000 (stations)	21,452,317 (t-line) 27,949,110 (stations)			31	na	115	17.80	959.6 kcmil ACSS/TW	Steel Poles	na	na	60	17.80		Application Filed 12/19/2018. Originally filed under the NTU predecessor report. Final Order issued on 1/23/20. This is a Sharyland acquired project for the LP&L ERCOT integration. Originally filed under the NTU predecessor report.
OPT39846 OPT41891 OPT39637 OPT39968 OPT39636 OPT41986 OPT39632 (18.1%) (R3007) (R3011) (R3003)	Abernathy - North - North Loop 345/115 kV Line	Hale and Lubbock Counties	Construct the new transmission line connecting the existing Abernathy station to the northern portion of LP&L's planned 115 kV loop line, routed through one of three options for the proposed North station. Depending on which North station is used, this line will be either a single-circuit 345 kV line or a combination of single-circuit 345 kV and double-circuit 115 kV line. This project is part of the LP&L integration into the ERCOT system.	1/15/2020	6/15/2021		39,782,000 (t-line) 33,367,000 (stations)	44,361,677 (t-line) 20,274,578 (stations)			60	na	115/345	34.30	959.6 kcmil ACSS/TW	Steel Poles or Lattice Steel Towers (345 kV) Steel Poles (115 kV)	na	na	175 (345 kV) 60 (115 kV)	24.60	49151	Application Filed 2/19/2019. Final Order issued on 3/12/2020. Originally filed under the NTU predecessor report.