



Control Number: 49066



Item Number: 294

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**ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT for
October - 2019**

Public Utility Commission of Texas
Project No. 49066

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
16T65211 CL/MP	Watermill - Trinidad 345 kV Line Tricorner Line Work	City of Seagoville Dallas County	In support of the Tricorner Substation rebuild: two double-circuit tower structures must be raised on the Watermill - Trinidad 345 kV line. Once the Tricorner Substation rebuild is complete, this line will be reterminated in the substation.	9/17/2018	11/19/2018	11/19/2018	438,394	438,460			100	345	na	0.25	2 959 6 kcmil ACSS/TW	Steel Towers	150	0.25	na	na	25 101(c)(5)(B)	
16T65210 CL/MP	Elkton - Tricorner 345 kV Line Tricorner Line Work	City of Seagoville Dallas County	In support of the Tricorner Substation rebuild: one double-circuit tower structure must be raised on the Elkton - Tricorner 345 kV line. Once the Tricorner Substation rebuild is complete, this line will be reterminated in the substation.	9/17/2018	12/12/2018	12/12/2018	329,451	329,517			100	345	na	0.25	2 795 ACSR	Steel Towers	150	0.25	na	na	25 101(c)(5)(B)	
16T65209 CL/MP	Seagoville - Tricorner 345 kV Line Tricorner Line Work	City of Seagoville Dallas County	In support of the Tricorner Substation rebuild: one steel tower and one two-pole steel deadend must be raised on the Seagoville - Tricorner 345 kV line. Once the Tricorner Substation rebuild is complete, this line will be reterminated in the substation.	9/17/2018	10/31/2018	10/31/2018	927,713	979,628			100	345	na	0.35	2-795 ACSR & 2 959 6 ACSS/TW	Steel Towers and Steel Poles	250	0.35	na	na	25 101(c)(5)(B)	
17T63124 JM/JD	Wink to Culberson 138 kV West of Pecca Point of Interconnection	City of Orla	Establish a point of interconnection to the West of the Pecca Solar LLC generating facility from the Riverton Switching Station on the Wink - Riverton - Culberson 138 kV transmission line.	7/25/2019	9/30/2019	9/30/2019	650,000	650,000			100	na	138	0.90	795 ACSR	Steel Poles	na	na	70	0.71	25 101(c)(5)(A)	
17T62095 BC	Bryan Ave - Forest Hill Sw 69 kV Line CMPC System Hardening	Fort Worth, Tarrant County	Relocate and replace 3 structures across I-35W for CMPC System Hardening	4/30/2018	10/15/2018	10/15/2018	442,204	338,447			100	69	na	0.05	556 5 kcmil ACSR	Steel Poles	Varies	0.05	na	na	25 101(c)(5)(B)	
17T62096 BC	Handley - Everman 138 kV Line CMPC System Hardening	Fort Worth, Tarrant County	Relocate and replace 3 structures across I 30 for CMPC System Hardening	5/6/2018	11/29/2018	11/29/2018	493,522	171,599			100	138	na	0.10	336 4 kcmil ACSR	Concrete Poles	Varies	0.10	na	na	25 101(c)(5)(B)	
18T62048 BC	Forest Hill Sw - Bourland 138 kV Line Marris Sw Line Work	Fort Worth, Tarrant County	Relocate structures to cut in Marris Switching Station	8/15/2018	10/1/2018	10/1/2018	321,674	365,119			100	138	na	0.16	959 6 ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(A)	
18T62049 BC	Marris Sw - Forest Hill Sw 138 kV Line Marris Sw Line Work	Fort Worth, Tarrant County	Relocate structures to cut in Marris Switching Station	8/15/2018	10/20/2018	10/20/2018	239,482	210,447			100	138	na	0.15	959 6 ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(A)	
18T62050 BC	Forest Hill Sw - Rolling Hills 138 kV Line Marris Sw Line Work	Fort Worth, Tarrant County	Relocate structures to cut in Marris Switching Station	8/15/2018	10/13/2018	10/13/2018	348,803	519,242			100	138	na	0.16	959 6 ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(A)	
18T62051 18T62052 BC	Forest Hill Sw - Everman NO 3 & NO 4 138 kV Line Marris Sw Line Work	Fort Worth, Tarrant County	Relocate structures to cut in Marris Switching Station	8/15/2018	10/20/2018	10/20/2018	483,837	775,575			100	138	na	0.14	959 6 ACSS/TW	Steel poles	na	na	na	na	25 101(c)(5)(A)	
16T65097 MK/MP	Cedar Hill - Uppgett 138 kV Line Upgrade Venus Tap - Uppgett Section	City of Grand Prairie, Dallas County	Upgrade the 5.5 mile section of Cedar Hill Switch - Uppgett Switch 138 kV Line of double circuit steel lattice towers and single-circuit wood h frame structures	1/14/2019	12/31/2019		10,342,023	8,063,582			90	138	na	7.20	1998 8 ACSS/TW	Steel Poles	100	7.20	na	na	25 101(c)(5)(B)	
16T65168 MK/MP	Cedar Hill - Uppgett 138 kV Line Shady Grove 138 kV Line Loop	City of Grand Prairie, Dallas County	Rebuild the Shady Grove 138 kV Line Loop as part of upgrading the Cedar Hill Switch Station - Uppgett 138 kV Line. The existing 5 mile line loop structures will be upgraded to steel poles	8/3/2018	11/30/2018	11/30/2018	1,079,973	1,621,146			100	138	na	0.50	1998 8 ACSS/TW	Steel Poles	60	0.50	na	na	25 101(c)(5)(B)	
16T62098 PO/EA	Wedgewood Sw Sta - Forest Hill 138 kV Line Upgrade	Fort Worth, Tarrant County	Rebuild and upgrade the Wedgewood Sw Sta - Forest Hill Sw Sta 138 kV Transmission Line. This upgrade will be 7 miles of new double circuit 959 6 kcmil ACSS/TW/HS operated at a maximum temperature of 180°C and 1649 amps.	4/22/2018	11/30/2018	11/31/2018	1,079,973	6,083,475			100	138	138	14.00	959 6 kcmil ACSS/TW	Steel and Concrete Poles	Varies	7.00	na	na	25 101(c)(5)(B)	
16T62147 PO/EA	Everman Sw Sta - Forest Hill 138 kV Line Reconnector	Fort Worth, Tarrant County	Reconnector the north circuit only on the Everman Sw Sta - Forest Hill Sw Sta 138 kV Transmission Line. The south circuit will be tied into the relocated Forest Hill Sw Sta and relocated termination at Everman Sw Sta which will require new structures	2/15/2018	10/6/2018	10/6/2018	1,785,666	1,785,666			100	138	138	2.00	959 6 kcmil ACSS/TW	Steel Poles	Varies	2.00	na	na	25 101(c)(5)(B)	
16T62114 JS/BC	Crowley - Bourland (Cresson) 69 kV Line Rebuild	City of Crowley, Tarrant County	Rebuild the 9.54 mile Crowley - Cresson section of the Forest Hill - Cresson 69 kV line as the Crowley - Bourland 138 kV line	8/1/2018	10/1/2018	10/1/2018	8,069,282	8,602,917			100	69	138	9.50	959 6 kcmil ACSS/TW	Steel Poles	Varies	9.54	Varies	na	25 101(c)(5)(B)	
17T65141 CB/DN	Watermill Sw Sta - Simpson Stuart 138 kV Line - Upgrade 8.4 Miles	City of Dallas, Dallas County	Upgrade the Watermill Switch Station - Simpson Stuart 138 kV Line section of the Cedar Hill - Watermill 138 kV Line	10/1/2018	12/7/2018	12/8/2018	3,017,807	3,861,938			100	138	138	8.40	959 6 kcmil ACSS/TW	Steel Poles and Existing Lattice Towers	Varies	8.40	Varies	na	25 101(c)(5)(B)	
15T62065 SE/WMK	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 3677 & 3678)	3/9/2020	3/21/2020		266,076	253,850			0	69	na	0.39	4/0 ACSS	Concrete H frames	100	0.39	na	na	25 101(c)(5)(B)	
15T65114 LT/AB	Cedar Hill - South Hampton OPGW	City of Dallas, Dallas County	This project is to install OPGW on the Cedar Hill - South Hampton 138 kV Line. The existing line is six and six tenths (6.6) miles of single and double-circuit lattice towers and steel monopoles with 38" EHS Shield Wire. The final build will replace the existing 38" & 71/16" EHS Shield Wire with 0.545" OPGW 48 count fiber. No changes to the existing conductor and structures is required	3/6/2017	11/27/2018	11/27/2018	924,349	924,349			100	138	138	6.60	OPGW	Steel towers and steel poles	Varies	6.60	na	na	25 101(c)(5)(B)	Replacing shield wire with optical ground wire (OPGW)
17T64042 RJ 0PT38881	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	01/14/2019	11/1/2019		2,151,752	2,141,137			50	138	na	37.00	1033 5 ACSR	Wood H Frames	70	37.00	na	na	25 101(c)(5)(B)	
16T64077 1A	Elm Mott - Waco/Waco East 138 kV Line	Waco/McLennan County	Upgrade the existing 11.5 mile Elm Mott - Waco Northeast Tap 138 kV line section	11/6/2017	11/15/2018	11/15/2018	6,000,000	7,515,225			100	138	138	11.50	1233 6 kcmil ACSS/TW	Steel Monopoles	Varies	11.50	na	na	25 101(c)(5)(B)	
16T65110 JCR/S	Amelia St Sw Sta - E Levee Sta 138 kV Line	Dallas County	Rebuild the Amelia St Sw Sta - E Levee Sta 138 kV Line. The existing line is three miles of single/double-circuit steel monopoles	3/1/2018	12/31/2018	12/31/2018	6,349,699	6,349,699			100	138	138	3.00	1926 9 kcmil ACSS/TW	Steel Poles	100	3.00	na	na	25 101(c)(5)(B)	
17T64073 BC/DN	Hutto Sw - Taylor 138 kV Line Upgrade 10.1 mi	Williamson County	Upgrade the Hutto Sw Sta - Taylor 138 kV Line. The existing line is a single-circuit on double-circuit steel and concrete monopoles	8/10/2018	12/31/2018	12/31/2018	6,373,852	5,277,550			100	138	138	10.10	1926 9 kcmil ACSS/TW	Steel & Concrete Poles	70	10.10	na	na	25 101(c)(5)(B)	
17T61030 0PT37516 SE/WMK	TxDOT US 175 Relocation, Athens-Jacksonville 69 kV	City of Jacksonville, Cherokee County	Relocate a portion of the Athens - Jacksonville 69 kV Transmission Line. Removal and installation of four (4) new single-circuit steel structures at the request of TxDOT	11/25/2018	12/2/2018	12/2/2018	400,373	356,183			100	69	na	0.40	4/0 ACSR	Concrete Poles	centerline	0.40	na	na	25 101(c)(5)(F)	Relocation at the request of the Texas Department of Transportation and is 100% reimbursable by the Texas Department of Transportation
17T64027 JMDN	Groesbeck - Mexia Phase II 138 kV Line Rebuild from Groesbeck Main to Mexia	City of Groesbeck and Mexia, Limestone County and Falls County	Rebuild and upgrade approximately 12 miles of the 138 kV transmission line from Groesbeck Main to Mexia	3/26/2018	12/31/2018	12/31/2018	8,407,697	10,200,000			100	138	na	12.00	959 6 kcmil ACSS/TW	Steel Poles	50	12.00	na	na	25 101(c)(5)(B)	

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17785164 SM	Nonwood Denton Drive 138 kV Install OPGW	Dallas/Dallas	Replace 3/8" shield wire with OPGW on the Nonwood Denton Drive 138 kV Transmission Line	1/14/2019	3/15/2020		318,270	318,270			15	138	138	3.90	OPGW	Steel Poles	100	3.90	na	na	25 101(c)(5)(B)	
17783126 JD/EA	Yucca Drive Sw Sta - AEP Barilla Junction 138 kV Line Rebuild STR #5 - AEP Barilla Junction 181	Moneahans / Ward County	Upgrade the Oncor-owned portion of the Yucca Drive Sw Sta - AEP Barilla Junction 138 kV Line with a conductor rated at 3200 A or greater. The construction will split into two phases, the WA covers the cost associated with the second construction phase which starts from Structure #5 through structure 181	7/3/2018	10/20/2018	10/20/2018	10,381,431	10,381,431			100	138	138	9.80	958.6 kcmil ACSS/H9/TW	Steel Poles	75/0	6.20	na	na	25 101(c)(5)(B)	
17782153 DN	Mitchell Bend Rocky Creek HT Upgrade	City of Cresson & Grandbury Hood & Somervell County	Upgrade the Mitchell Bend Benbrook Junction portion of the Comanche Peak Benbrook 345 kV Line for High Temperature operation	3/1/2018	4/30/2018	4/30/2018	7,894,812	7,267,845			100	345	345	25.17 #	(2) 785 kcmil ACSR & (2) 1580 kcmil ACSR	Steel Lattice	150	25.17 #	na	na	25 101(c)(5)(B)	
OP137883 DN/WB	Comanche Peak - Wolf Hollow 345kV Line Reconnector	City of Grandbury Somervell County	Reconnector south circuits of the Comanche Peak Benbrook 345 kV Line into Wolf Hollow 3 W	5/15/2018	12/22/2018	12/22/2018	3,871,145	3,871,145			100	345	345	7.80	(2) 1580 kcmil ACSR	Steel Lattice	150	7.80	na	na	25 101(c)(5)(B)	
17785143 CB/EH OPT38735	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 1845 A or greater. Upgrade all 138 kV line terminal and associated equipment to meet or exceed 2002 A.	4/2/2018	12/31/2019		3,164,089	3,105,152			75	138	138	3.50	959.6 kcmil ACSS/TW	Steel or Concrete Poles	Varnes	3.50	Varnes	na	25 101(c)(5)(B)	
17785216 CB/EH OPT38736	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.	4/2/2018	12/31/2019		2,843,096	2,324,328			75	69	69	3.50	959.6 kcmil ACSS/TW	Steel or Concrete Poles	Varnes	3.50	Varnes	na	25 101(c)(5)(B)	
18785089 KD/RS	Carrollton NW - Crown Road 138 kV Line Rebuild	City of Dallas Dallas County	Upgrade the 7.1 mile Carrollton NW - Crown Road double-circuit line. Upgrade the 138 kV terminal equipment to meet or exceed 2002 A.	2/19/2018	1/7/2019	1/7/2019	13,126,555	13,126,555			100	138	138	14.20	1826.9 kcmil ACSS/TW	Steel or Concrete Poles	na	7.10	Varnes	na	25 101(c)(5)(B)	
18785013 JC/AB	Denton Dr Sw Sta - Maple Ave Sta 138 kV Line	City of Dallas Dallas County	Rebuild the Denton Drive Station to Maple Avenue Station. The distribution underbuild will be transferred to the new steel monopoles.	2/12/2018	12/31/2018	12/31/2018	8,082,746	8,127,335			100	69	138	3.00	785 kcmil ACSR	Steel Poles	Varnes	2.00	na	na	25 101(c)(5)(B)	
18784006 BM/DCL	Fial Branch (LaTexo) 138 kV POI	Houston County	Install a new 138 kV point of interconnection for Houston County Electric (HCEC) to their existing Lufkin 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.	4/1/2018	10/15/2020		800,000	726,000			80	138	na	0.06	785 kcmil ACSR	Steel Poles	100	na	100	0.06	25 101(c)(5)(A)	
18784007 BM/DCL	Jim English (Beras) 138 kV POI	Houston County	Install a new 138 kV point of interconnection for Houston County Electric (HCEC) to their existing Beras 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.	4/1/2018	10/15/2020		800,000	800,000			80	138	na	0.06	785 kcmil ACSR	Steel Poles	100	na	100	0.06	25 101(c)(5)(A)	
18781024 SM/DN	Crane - N Odessa 69 kV Relocation	City of Odessa Ector County	This project covers removing the existing wood H-frames and installing new concrete poles on the Crane - North Odessa 69 kV Line due to modifications being made to widen University Blvd Odessa TX.	12/10/2018	1/30/2019	1/30/2019	210,727	210,727			100	69	na	0.20	40 ACSR	Concrete Poles	50	0.15	na	na	25 101(c)(5)(F)	Relocation is at the request of the City of Odessa and is 50% reimbursable
18785055 CL/AC	Panda Sherman Interconnect - 138 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Panda Sherman Payne 138 kV Line at the newly constructed Stone Creek Switch utilizing 2 steel monopoles.	3/22/2018	10/21/2018	10/23/2018	967,000	967,000			100	138	138	0.20	2-1826.9 kcmil ACSS/TW	Steel Poles	70.0	0.20	na	na	25 101(c)(5)(B)	
18785056 CL/AC	Collin Payne 138 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Collin Payne 138 kV Line at the newly constructed Stone Creek Switch.	3/22/2018	10/22/2018	10/22/2018	574,300	574,300			100	138	138	0.20	1826.9 kcmil ACSS/TW	Steel Poles	70.0	0.20	na	na	25 101(c)(5)(B)	
18785080 CL/AC	Valley (Sherman NW) Payne 138 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Valley (Sherman NW) Payne 138 kV Line at the newly constructed Stone Creek Switch.	9/1/2018	10/21/2018	10/21/2018	484,990	583,000			100	138	138	0.20	1826.9 kcmil ACSS/TW	Steel Poles	70.0	0.20	na	na	25 101(c)(5)(B)	
18785082 CL/AC	Gainesville Dixon St - Payne 69 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Gainesville Dixon St - Payne 69 kV Line at the newly constructed Stone Creek Switch.	9/10/2018	2/14/2019	2/14/2019	353,400	390,000			100	69	69	0.15	959.6 kcmil ACSS/TW	Steel Poles	70.0	0.20	na	na	25 101(c)(5)(B)	
18785061 CL/AC	Jordan Whitesboro - Payne 138 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Jordan Whitesboro Payne 138 kV Line at the newly constructed Stone Creek Switch.	9/24/2018	10/21/2018	10/21/2018	672,300	672,300			100	138	138	0.10	1826.9 kcmil ACSS/TW	Steel Poles	70.0	0.10	na	na	25 101(c)(5)(B)	
18785063 CL/AC	Stone Creek - Payne 138 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Create a new line that connects existing Payne Substation to the newly constructed Stone Creek Switch.	9/17/2018	11/18/2018	11/20/2018	450,000	580,000			100	138	138	0.20	1826.9 kcmil ACSS/TW	Steel Poles	70.0	0.20	na	na	25 101(c)(5)(B)	
18785058 CL/AC	Valley (Sherman E) - Payne 138 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Valley (Sherman E) - Payne 138 kV Line at the newly constructed Stone Creek Switch.	9/17/2018	11/11/2018	11/11/2018	653,300	701,000			100	138	138	0.40	1826.9 kcmil ACSS/TW	Steel Poles	70.0	0.40	na	na	25 101(c)(5)(B)	
18785058 CL/AC	Boham Payne 69 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Boham Payne 69 kV Line at the newly constructed Stone Creek Switch.	9/17/2018	11/30/2018	12/8/2018	351,500	535,000			100	69	69	0.20	959.6 kcmil ACSS/TW	Steel Poles	70.0	0.20	na	na	25 101(c)(5)(B)	
18785084 CL/AC	Anna Sw - Payne 138 kV Line Stone Creek Switch Line Work	City of Sherman Grayson County	Re termine the Anna Sw - Payne 138 kV Line at the newly constructed Stone Creek Switch.	9/17/2018	10/27/2018	10/27/2018	380,700	380,700			100	138	138	0.20	Bundled 959.6 kcmil ACSS/TW	Steel Poles	70.0	0.20	na	na	25 101(c)(5)(B)	
17785205 CC	Royce Switch - Garland Oates Line Work To Establish Creekside Substation	City of Rowlett Dallas/Rowlett & Counties	Line Loop to tap into the existing Royce Sw - Garland Oates 138 kV line	4/16/2018	12/1/2018	12/1/2018	784,385	1,248,447			100	138	138	0.22	(2) 959 ACSS/TW	Steel Poles	50	0.22	na	na	25 101(c)(5)(A)	
17783157 RJ/RS	Morgan Creek Switch - Barber Lake Switch (East) 138 kV Line CMPC System Hardening	Colorado City Mitchell County	Replace two (2) single-circuit wood H frames with two (2) single-circuit concrete H frames	10/1/2018	12/12/2018	12/12/2018	298,772	299,386			100	138	138	0.10	1-436 ACSR	Concrete H Frame	50	0.10	na	na	25 101(c)(5)(B)	

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18T64039 JL	Trinidad Sw - Long Lake 138 kV Line CMPC Line Hardening US-287	Anderson County	Rebuild two (2) single-circuit wood H frames with two (2) single-circuit concrete H frames at US 287 crossing	10/20/2018	10/22/2018	10/22/2018	324,391	324,391			100	138	138	0.10	336 kcmil ACSR	Concrete H Frame	50	0.10	na	na	25 101(c)(5)(B)	
18T61034 SEIM/K OPT37805	TxDOT Relocation, Luggatt 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.	11/1/2019	12/31/2019		1,193,328	1,193,328			0	138	na	1.12	1033.5 kcmil ACSR	Steel Poles	140	0.56	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.
18T61033 SEIM/K OPT37604	TxDOT Relocation, Luggatt 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.	10/16/2019	12/31/2019		1,193,328	1,193,328			0	138	na	1.12	1033.5 kcmil ACSR	Steel Poles	140	0.56	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.
18T64043 OR	Shambarger Sw - Hideaway Lake 138 kV Line. Cut In to East Greys Lake	City of Tyler, Smith County	This project is to construct a 1.25 double-circuit tap loop line off of the existing Shambarger Sw to Hideaway Lake 138 kV Line.	8/6/2018	10/8/2018	10/9/2018	2,737,770	2,837,941			100	138	na	1.30	958.8 ACSR/TWHS	Steel Poles	na	0.50	110	0.86	25 101(c)(5)(A)	
17T64136 JL	Lake Creek Switch - Waco West 138 kV Line CMPC Major Highway Crossing Hardening	McLennan County	Rebuild two (2) single-circuit wood H frames with two (2) single-circuit concrete H frames at I-35 crossing	11/12/2018	11/15/2018	11/15/2018	312,090	312,090			100	138	138	0.10	2-636 kcmil ACSR	Concrete H frame	100	0.10	na	na	25 101(c)(5)(B)	
17T63413 CBAB	Morgan Creek-McDonald Rd 138 kV Line Modification	Mitchell County	The scope of work consists of replacing one (1) wood H frame tangent with taller concrete H frame tangent and replacing one (1) wood tangent H-frame with two (2) steel three-pole tangent deadends. The structure replacement locations are indicated on the attached map. The conductor will remain 636 ACSR with (1) one conductor per phase and two (2) 3/8 EHS shield wires.	10/10/2018	11/2/2018	11/2/2018	585,110	675,000			100	138	na	0.25	636 ACSR	Concrete H-frame and self supporting steel three-pole	50	0.25	na	na	25 101(c)(5)(B)	
18T63122 BCJJO	Riverton Sw - Tunstall POD Arroyo Bluff POD 138 kV Line	City of Orta, Reeves County	Install 0.75 miles of single-circuit capable steel and concrete structures utilizing 1826.9 kcmil ACSR/TW	8/1/2018	12/10/2018	12/10/2018	1,026,240	1,026,240			100	na	138	0.08	1826.9 kcmil ACSR/TW	Concrete & Steel Poles	na	na	75	0.80	25 101(c)(5)(A)	
18T63101 JMKCW	Barstow NW - Cuberson 138 kV Line. Pecora POI	Reeves County	Establish a point of interconnection to DRYX Delaware Oil Transport & Pecos Station on the southern circuit of the Barstow NW - Cuberson 138 kV transmission line by way of TNMP. The point of interconnection will be located in the Barstow NW - Mavanch Draw line section between structures 4/1 and 4/3.	9/24/2018	10/17/2018	10/17/2018	1,245,820	1,251,389			100	138	138	0.24	1876.9 ACSR/TWHS	Steel Poles	70	na	100	0.24	25 101(c)(5)(A)	
18T64126 JCR/S	Harty North - Nacogdoches 138 kV Line. Re-termination	Nacogdoches County	Re-terminate the Harty N - Nacogdoches SE Sta. 138 kV line into the relocated Nacogdoches SE Sw Station.	11/1/2018	12/14/2018	12/14/2018	552,429	552,429			100	138	138	0.25	958.8 kcmil ACSR/TW	Steel Monopoles	Station	na	na	na	25 101(c)(5)(A)	
18T64140 JCR/S	Lufkin - Nacogdoches 138 kV Line. Nacogdoches SE Sw Line Work	Nacogdoches County	Re-terminate the Lufkin - Nacogdoches 138 kV line into the relocated Nacogdoches SE Sw Station.	11/1/2018	3/17/2019	3/17/2019	798,501	798,501			100	138	138	0.30	1826.9 kcmil ACSR/TW	Steel Monopoles	Station	na	na	na	25 101(c)(5)(A)	
18T64125 JCR/S	Chirano - Nacogdoches 138 kV Line. Re-termination	Nacogdoches County	Re-terminate the Chirano - Nacogdoches SE Sta. 138 kV line into the relocated Nacogdoches SE Sw Station.	11/1/2018	12/15/2018	12/15/2018	782,088	782,088			100	138	138	0.35	958.8 kcmil ACSR/TW	Steel Monopoles	Station	na	na	na	25 101(c)(5)(A)	
18T64124 JCR/S	Nacogdoches N - Nacogdoches SE 138 kV Line. Re-termination	Nacogdoches County	Re-terminate the Nacogdoches N - Nacogdoches SE Sta. 138 kV line into the relocated Nacogdoches SE Sw Station.	11/2/2018	12/18/2018	12/18/2018	658,649	658,649			100	138	138	0.35	1826.9 kcmil ACSR/TW	Steel Monopoles	Station	na	na	na	25 101(c)(5)(A)	
18T64088 JCR/S	Nacogdoches N - Nacogdoches SE 138 kV Rebuild	Nacogdoches County	Rebuild the existing 6.8 mile Nacogdoches N - Nacogdoches SE Sta. 138 kV line on new double-circuit steel monopoles.	7/5/2018	12/18/2018	12/18/2018	8,857,335	8,857,335			100	138	138	13.40	1826.9 kcmil ACSR/TW	Steel Monopoles	100	6.80	na	na	25 101(c)(5)(B)	
17T65228 MKM/P	Cedar Hill - Luggatt 138 kV Line. Rebuild Cedar Hill - Venus Tap	City of Grand Prairie, Dallas County	Rebuild the Cedar Hill - Venus Tap 138 kV line section of the Cedar Hill - Luggatt 138 kV line. The existing line is 5.5 miles of double-circuit steel lattice towers and single-circuit wood h-frame structures. The final build will utilize 11 single-circuit steel monopoles and 42 double-circuit steel monopoles.	2/15/2018	11/28/2018	11/28/2018	3,167,589	3,285,401			100	138	na	5.50	1826.9 ACSR/TW	Steel Poles	100	5.50	na	na	25 101(c)(5)(B)	
18T63110 SP/JJO	Wink - Notrees Sw 138 kV Line. Winkler POD	City of Kermit, Winkler County	Install a 138 kV point-of-delivery (POD) for Atlas Sand's North Substation on the Wink - Notrees 138 kV Line.	3/1/2019	4/3/2019	4/3/2019	978,582	978,582			100	138	na	0.30	336.4 kcmil ACSR	Concrete/Wood Poles	50	na	75	0.01	25 101(c)(5)(A)	
18T63100 SP/JJO	Moss - Yucca Drive Sw 138 kV Line. Perryell POD	City of Monahans, Ward County	Install a 138 kV point-of-delivery (POD) for Atlas Sand's South Substation on the Moss - Yucca Drive 138 kV Line.	9/4/2018	10/18/2018	10/18/2018	987,064	987,064			100	138	na	0.10	795 kcmil ACSR	Concrete/Wood Poles	75	na	102.5	0.01	25 101(c)(5)(A)	
18T62058 CH	Hicks SW - Elizabeth Creek 138 kV Line. Blue Dove Sub POI to Wellington (BEC)	Tarrant County	This project is to cut-in the Hicks Switching Station, Elizabeth Creek 138 kV Line to the new Blue Dove 138 kV Substation.	10/10/2018	11/21/2018	11/21/2018	503,302	503,302			100	na	138	5.50	958.8 kcmil ACSR/TW	Steel or Concrete Poles	50	5.50	50	na	25 101(c)(5)(A)	
18T63020 CH	Phillips Andrews - Fullerton Sw 138 kV Line	Andrews County	This project is to rebuild and upgrade the existing Fullerton to Phillips Andrews 69 kV line to 138 kV with double-circuit capable structures.	8/25/2018	12/15/2018	12/15/2018	6,022,480	6,022,480			100	na	138	5.50	958.8 kcmil ACSR/TW	Steel or Concrete Poles	50	5.50	50	na	25 101(c)(5)(B)	
18T61038 SEIM/K	TxDOT Relocation, Judd Court 138 kV Tap Line	City of Garland, Dallas County	Install new single-circuit, steel dead end and tangent structures. Remove four (4) existing single-circuit steel tangent structures.	1/14/2019	4/22/2019	4/22/2019	875,226	875,226			100	138	na	0.47	338.4 kcmil ACSR and 958.8 kcmil ACSR/TW	Steel Monopole Structures	na	na	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.
18T61039 SEIM/K	TxDOT Relocation, Kirkland Park Centerline Sw 138 kV Line	City of Garland, Dallas County	Install new double-circuit, steel tangent structures. Remove nine (9) existing double-circuit steel tangent structures.	12/17/2018	12/31/2019		1,755,048	3,445,119			25	138	na	2.10	1033.5 kcmil ACSR	Steel Monopole Structures	Varies	1.05	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.
17T61078 SEIM/K	AEP Lotobush - Blake Draw 138 kV Line	City of Coahoma, Pecos County	Install new single-circuit steel dead end structures. Remove existing single-circuit temporary wood pole structures.	1/29/2019	4/22/2019	4/22/2019	400,000	400,000			100	138	na	0.12	958.8 kcmil ACSR/TW	Steel Monopole Structures	Varies	0.12	na	na	25 101(c)(5)(B)	
18T64035 EHC/M	Montfort - Corsicana 138 kV Line. Corsicana Sw Station line Work	Navarro County	This project is to re-route the existing 138 kV Montfort line to the new terminal at the Corsicana Station.	11/12/2018	11/20/2018	11/20/2018	119,019	119,019			100	138	138	0.50	1033 kcmil ACSR	Steel Poles	Station	na	na	na	25 101(c)(5)(A)	
15T64031 EHC/M	Corsicana - Midred 69 kV Line. Rebuild to 138 kV Line	Navarro County	This project is to rebuild the Corsicana - Midred 69 kV line to a 138 kV line.	1/3/2018	6/26/2019	6/26/2019	11,854,409	14,063,244			100	69	138	8.50	958.8 kcmil ACSR/TW	Steel Poles	50	9.50	na	na	25 101(c)(5)(B)	
18T65209 EHC/M	Navarro - Midred 69 kV Line. Rebuild to 138 kV Line	Navarro County	This project is to rebuild the Navarro - Midred 69 kV line to a 138 kV line.	8/1/2018	12/18/2018	12/18/2018	3,076,090	3,223,280			100	69	138	2.00	958.8 kcmil ACSR/TW	Steel Poles	50	2.00	na	na	25 101(c)(5)(B)	
18T62080 EHC/M	Trinidad - Hillsboro 138 kV Line. Navarro Substation line Work	Navarro County	This project is to re-route the existing 138 kV Trinidad-Hillsboro line into the Navarro Substation to accommodate the upgrade to Navarro-Midred from 69 kV to 138 kV.	8/1/2018	11/12/2018	11/12/2018	492,863	506,500			100	138	138	0.20	958.8 kcmil ACSR/TW	Steel Poles	100	0.20	na	na	25 101(c)(5)(B)	
18T65183 CM/EH	Blackland Tap 138 kV	City of Fate, Rockwall County	This project is to re-route the existing 138 kV Royce Sw Sta-Terrill SW Sta 138 kV line at the new Blackland Substation.	1/8/2019	2/28/2019	2/28/2019	302,016	302,016			100	138	138	0.10	958.8 kcmil ACSR/TW	Steel Poles	100	0.10	na	na	25 101(c)(5)(A)	
18T64014 BM/DC/L	Lufkin Switch - Crockett 138 kV Line. Re-termination	City of Crockett, Houston County	Modification of the existing Lufkin Switch - Crockett 138 kV line into the new line terminal being built as a part of the Crockett Switch upgrade and expansion project. This line termination will be 0.24 miles of single-circuit construction with one circuit of 1580 kcmil ACSR conductor installed.	9/4/2018	11/1/2018	11/1/2018	380,000	355,000			100	138	na	0.24	1580 kcmil ACSR	Steel/Concrete Poles	100	0.24	na	na	25 101(c)(5)(A)	

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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
18T64015 BMCD/CL	Jewett Switch - Crockett 138 kV Line Re-Termination	City of Crockett, Houston County	Modification of the existing Jewett Switch - Crockett 138 kV Line into the new line terminal being built as a part of the Crockett Switch upgrade and expansion project	10/22/2018	12/19/2018	12/19/2018	350,000	330,000			100	138	na	0 10	959 6 kmil ACSS/TW	Steel Pole	100	0 10	na	na	25 101(c)(5)(A)	
18T65224 CUAC	Valley - Anna Sw 345 kV Line Raise Towers	City of Anna, Collin County	Raise two (2) steel tangent towers to provide electrical clearance to the proposed rebuild of the Van Alstyne - Anna Sw 138 kV line	11/27/2018	1/25/2019	1/25/2019	693,160	830,000			100	345	345	0 20	Bundled 959 ACSS/TW	Steel Towers	170	na	na	na	25 101(c)(5)(B)	
18T65005 CUAC	Payne Anna Sw 138 kV Line Rebuild Van Alstyne to Anna Switch	Cities of Van Alstyne, Anna, Grayson and Collin Counties	Rebuild and upgrade a portion of the Payne Anna Sw 138 kV Transmission Line	1/21/2019	5/4/2019	5/4/2019	11,415,500	13,175,000			100	138	138	7 50	Bundled 959 ACSS/TW	Steel Poles	Varies	7 50	na	na	25 101(c)(5)(B)	
18T65057 CLAC	Valley Sherman S Tie - 138 kV Line Tie	City of Sherman, Grayson County	Connect the Valley 138 kV Line and the Sherman South 138 kV Line to create one new line that goes from Valley to Sherman South. This new connection is due to the construction of the new Stone Creek Switch	10/29/2018	11/1/2018	11/1/2018	479,400	500,000			100	138	138	0 30	1926 9 kmil ACSS/TW	Steel Poles	Varies	0 25	na	na	25 101(c)(5)(A)	
18T62047 JHLUJO	White Settlement - Hittop SW STA (BEPIC) 69 kV Line Rebuild	Tarrant County	Converting the 1.3 mile 69 kV line to 138 kV from White Settlement to the intersection of the White Settlement - Hittop 69 kV and Eagle Mountain - Calmont 138 kV Lines. Connect the 138 kV line to Eagle Mountain - Calmont 138 kV Line	7/15/2018	11/27/2018	11/27/2018	1,287,147	1,287,147			100	69	138	1 30	959 6 ACSS/TW	Steel Monopoles	100	1 30	na	na	25 101(c)(5)(B)	
0PT04371 DN	Wink Sw Sta - Yukon Sw Sta 138 kV adding 2nd Circuit	Winkler County/Odessa County	The scope of the work entails adding the second circuit of the newly constructed Yukon Sw Sta to Wink Sw Sta	4/15/2018	6/30/2018	6/30/2018	6,500,000	10,421,193			100	138	138	36 00	1926 9 ACSS/TW	Steel Monopoles	50	36 00	na	na	25 101(c)(5)(C)	
17T65218 WWUJO	Northaven - Morrison Lane 138 kV Line Northaven Line Work	City of Dallas, Dallas County	Re-terminate the Northaven Morrison Lane 138 kV Transmission Line at the Northaven Switch Station	8/23/2018	12/22/2018	12/22/2018	431,711	473,293			100	138	138	0 10	959 ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Projects exists entirely within Northaven Substation
17T65218 WWUJO	Northaven - Kirkland Park 138 kV Line Northaven Line Work	City of Dallas, Dallas County	Re-terminate the Northaven Kirkland Park 138 kV Transmission Line at the Northaven Switch Station	11/10/2018	3/23/2019	3/23/2019	832,746	759,107			100	138	138	0 10	959 ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Projects exists entirely within Northaven Substation
05T64082 JSIAB	Temple - Belton 138 kV Line - Rebuild Sections	Bell County	Upgrade the Temple - Belton 138 kV line is a hardening project for Oncor. Three (3) different priority areas will be reviewed as part of this project. The upgraded areas will be rebuilt utilizing 138 kV single-circuit concrete H Frames predominantly	9/15/2018	10/26/2018	10/26/2018	1,252,937	1,487,312			100	138	138	0 87	795 kmil ACSS	Concrete H-Frames	Centerline	0 87	na	na	25 101(c)(5)(B)	
18T62137 BPAA	Hicks Sw Sta - Saginaw 138 kV Double Circuit Tap	City of Saginaw, Tarrant County	Reconductor both circuits of the Hicks Sw Sta - Saginaw 138 kV line including the Fossil Creek Tap	10/1/2018	12/15/2018	12/15/2018	5,492,151	5,282,592			100	138	na	19 80	959 6 kmil ACSS/TW/E3X	Lattice Towers and Steel Poles	75	9 80	na	na	25 101(c)(5)(B)	
18T64091 CL/BMCD	Jewett Switch - Crockett 138 kV Line Rebuild Grapeland Magnolia Tap to Crockett	Crockett and Houston Counties	Rebuild the 8.2 mile section from Grapeland Magnolia Tap to Crockett of the Jewett - Crockett 138 kV Line using double-circuit monopole construction with only one circuit installed	10/1/2018	5/14/2019	5/14/2019	9,845,000	9,931,000			100	138	138	9 20	959 6 kmil ACSS/TW	Steel Poles	100	9 20	na	na	25 101(c)(5)(B)	
0PT37338 JM/DN	Wichita Falls - Burk Burnett 69 kV Rebuild from Wichita Falls North to 25	Wichita Falls, Wichita County	Rebuild and upgrade the Wichita Falls - Burk Burnett 69 kV line	1/15/2019	3/18/2019	3/18/2019	2,844,756	2,850,000			100	69	na	1 58	959 6 MCM ACSS/TW	Steel Poles	50	1 58	na	na	25 101(c)(5)(B)	
18T65070 CMEH	Rockwall South - Forney Switch 138 kV Line Rebuild	Rockwall and Kaufman Counties	Rebuild the Rockwall South - Forney Switch 138 kV line	8/30/2018	12/31/2018	12/31/2018	8,819,216	8,819,216			100	138	138	7 90	1926 9 kmil ACSS/TW	Steel Poles	100	7 90	na	na	25 101(c)(5)(B)	WA split from Royse Switch Forney, WA 17T65012
18T62153 JMJO	Leon Sw Sta - Ranger Gulf 69 kV Line Lake Leon POI	Eastland County, TX	To establish a point of interconnection to Brazos Electric Power Cooperative (BEC) on the Leon Sw Sta - Ranger Gulf 69 kV Line	2/29/2019	5/16/2019	5/16/2019	827,278	1,020,000			100	69	na	0 10	959 6 ACSS/TW	Concrete poles and Steel H Frame Switch	50	0 10	na	na	25 101(c)(5)(A)	
17T62069 KF/DN 0PT38781	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	9/15/2018	5/16/2019	5/16/2019	4,455,604	4,800,000			100	345	na	20 66	795 kmil ACSR	Steel Lattice	150	11 30	na	na	25 101(c)(5)(B)	WA split from Courtland - Cedar Hill WA 17T62069
18T63165 KF/DN	Permian Basin - Odessa EHV 138 kV Line, Yarbrough Substation Cut In	Crane County	Relocate structures to cut in Yarbrough Substation	9/25/2018	12/5/2018	12/5/2018	1,542,308	1,542,308			100	138	na	0 05	795 kmil ACSR	Steel Poles	na	na	na	na	25 101(c)(5)(A)	
0PT37192 SP	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	10/14/2019	10/18/2019		681,893	681,893			1	138	na	0 10	336 4 kmil ACSR	Steel H Frames	100	na	na	na	25 101(c)(5)(B)	
0PT37181 AF/AB	Scyene Road Sub - Parkdale Switch 138 kV Line	City of Dallas, Dallas County	Replace existing 7/16" shield wire with OPGW 0.546 diameter	11/27/2018	12/31/2018	12/31/2018	718,445	708,810			100	138	na	3 25	na	Steel Tower	125	3 25	na	na	25 101(c)(5)(B)	Replacing shield wire with optical ground wire (OPGW). This project is tied to WAP0PT37183. The project was originally 6 02 miles long and went from Parkdale Sw - Pranis Creek Switch. The project has been broken into two (2) separate projects
0PT37183 AF/AB	Scyene Road Sub - Prane Creek Switch 138 kV Line	City of Dallas, Dallas County	Replace existing 7/16" shield wire with OPGW 0 546 diameter	11/27/2018	12/31/2018	12/31/2018	634,765	595,623			100	138	na	2 77	na	Steel Tower	125	2 77	na	na	25 101(c)(5)(B)	Replacing shield wire with optical ground wire (OPGW). This project is tied to WAP0PT37181. The project was originally 6 02 miles long and went from Parkdale Sw - Prane Creek Switch. The project has been broken into two (2) separate projects
17T63206 AF/SEI	Esleta 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	4/1/2020	4/30/2020		568,653	706,000			0	69	na	0 10	ACSR 4/0	Steel Monopole, Wood Monopole	50	0 10	na	na	25 101(c)(5)(B)	
0PT37196 AF/SEI	Esleta 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	6/1/2020	6/30/2020		708,376				0	69	na	0 10	ACSR 4/0	Concrete Monopole, Wood Monopole	50	0 10	na	na	25 101(c)(5)(B)	
17T63211 GD/SEI	Sweetwater Downtown Tap 138 kV Line CMPC System Hardening	City of Sweetwater, County of Nolan	Rebuild a section of the Esleta 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	10/30/2019	11/30/2019		483,277	300,000			0	138	na	0 24	336 4 kmil ACSR	Concrete Monopole	50	0 24	na	na	25 101(c)(5)(B)	
17T63207 BB SEI	Colorado City - China Grove Sw 69 kV Line CMPC System Hardening	City of Colorado City, Mitchell County	Relocate and replace 3 structures across I-20 for CMPC System Hardening	8/29/2019	9/19/2019	9/19/2019	524,709	524,709			100	69	na	0 30	4/0 ACSR	Concrete Poles	50	0 30	na	na	25 101(c)(5)(B)	
0PT37296 DD	Forest Grove Switch - Canton Switch 138 kV Line CMPC System Hardening	City of Canton, Van Zandt County	Relocate and replace 3 structures across I 20 for CMPC Hardening	5/6/2019	5/11/2019	5/11/2019	629,033	629,033			100	138	na	0 10	336 4 kmil ACSR	Concrete H Frames	100	0 10	na	na	25 101(c)(5)(B)	
17T64134 DD	Canton Tap Switch - Tyler Switch 138 kV Line CMPC System Hardening	City of Van, Van Zandt County	Relocate and replace 2 structures across I-20 for CMPC Hardening	4/29/2019	5/5/2019	5/5/2019	526,577	526,577			100	138	na	0 10	636 kmil ACSR	Concrete H Frames	100	0 10	na	na	25 101(c)(5)(B)	

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17783209 SF	Esquite SW - Flintkote U.S. Gypsum #9 KV Line CMPC Line Hardening	City of Sweetwater Nolan County	This Work Authorization (WAZ) covers the cost to rebuild a section of the Esquite SW Flintkote U.S. Gypsum #9 KV line in Nolan County.	7/8/2019	8/2/2019	8/5/2019	1,040,085	1,040,085			100	69	69	0.60	110 ACSR	Steel Poles & Concrete Poles	50	na	Varies	na	25 101(c)(5)(B)	Replacing wood structures with Steel & Concrete as part of CMPC hardening project
18T65015 SMDN	NW Carrollton Switch Lakepointe Switch (TNMP) 138 KV Line Rebuild	City of Carrollton, Denton County	This project covers the rebuild of the 2.3 mile Oncor portion of the 2.4 mile NW Carrollton Lakepointe (TNMP) 138 KV Line using a conductor 3200 A or greater.	8/19/2018	3/23/2019	3/23/2019	\$154,872	\$154,872			100	138	138	2.30	959 6 kcmil ACSS/TW	Steel Poles	70	2.30	70	na	25 101(c)(5)(B)	
OPT37441 JMDN	Burkumatt - Sheppard AFB #9 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	7/19/2019	7/19/2019	500,000	500,000			100	69	na	0.32	410 ACSR	Wood Poles	na	na	na	na	25 101(c)(5)(D)	Relocation is at the request of Sheppard Air Force Base and is 100% reimbursable by the United States Air Force
18T63125 JOMM	Wink Cuberson 138 KV Line Rustler Hills POD for Chevron Hayhurst	Cuberson County	Establish a point of delivery to Chevron's Hayhurst on the northern circuit of the Wink Cuberson 138 KV transmission line. The point of delivery will be located in the Screvenbap Tap - Black River line section.	11/10/2018	12/9/2018	12/9/2018	1,100,000	1,100,000			100	138	138	0.10	785 ACSR	Steel Poles/ H-Frame Switch	50	na	70	0.10	25 101(c)(5)(A)	
18T62080	Burleson-Mansfield 138 KV Line	City of Burleson, Tarrant County	Rebuild the ten miles of single-circuit line currently utilizing wood H Frames with 785 ACSR conductor.	8/25/2018	12/31/2018	12/31/2018	15,083,326	16,200,000			100	138	138	10.00	1826 9 kcmil ACSS/TW	Steel Poles	50	10.00	na	na	25 101(c)(5)(B)	
OPT37335 CMEH	Blackland SW - REEC Blackland Sub 138 KV Line	City of Falls, Rockwall County	Connect the new Blackland Switch to the new REEC Blackland Substation	1/9/2019	6/26/2019	6/26/2019	411,416	411,416			100	138	138	0.10	959 6 kcmil ACSS/TW	Steel Poles	100	0.10	na	na	25 101(c)(5)(A)	Waiting on REC to complete their work in order for Oncor to complete station T-Line connection
18T63007 SMDN	Fisher Rd. SW Sta - Wichita Falls 138 KV Re-termination	City of Wichita Falls, Wichita County	Rebuild the 138 KV switchyard in a ring bus arrangement and relocating the load-serving transformers #3 and #4 to the Burnett Switch - Fisher Road 138 KV Line at Burnett Switch.	10/1/2018	11/8/2018	11/8/2018	808,963	715,000			100	138	138	0.30	959 6 kcmil ACSS/TW	Steel Poles	50	0.20	na	na	25 101(c)(5)(B)	On Oncor Substation Property
18T62161 SMDN	South Wichita - Wichita Falls 138 KV Re-termination	City of Wichita Falls, Wichita County	Re-terminate the South Wichita Falls Switch - Wichita Falls Switch 138 KV Line at Burnett Switch 138 KV (Formerly Wichita Falls Switch). This re-termination will be 0.3 miles of single-circuit construction utilizing standard two monopoles construction.	10/1/2018	11/8/2018	11/8/2018	880,543	880,543			100	138	138	0.20	959 6 kcmil ACSS/TW	Steel Poles	50	0.20	na	na	25 101(c)(5)(B)	On Oncor Substation Property
18T63150 SBDO	Arco - Crane 138 KV Line POD	Crane County	Establish a point of delivery to Dryx Midstream Services Crane Substation on the Arco - Crane 138 KV Transmission line. The point of delivery will be located between structures #75 and #77 and will include a 0.96 mile extension to the new substation location.	8/17/2018	11/1/2018	11/1/2018	1,551,081	2,200,000			100	138	138	0.96	785 kcmil ACSR	Steel and Concrete Poles	75	na	100	0.96	25 101(c)(5)(A)	Installation of interconnection is at the request of Dryx Midstream Services
OPT37350 GBAMK	Lufkin Switch - Nacogdoches Switch 138 KV Line	City of Nacogdoches, Nacogdoches County	Remove two (2) wood H Frame structures 177A & 178 and relocate one (1) wood H Frame structure 178 in the City of Nacogdoches.	11/1/2018	12/28/2018	12/28/2018	150,000	127,000			100	138	na	0.20	636 kcmil ACSR	Wood H-Frame	100	na	na	na	25 101 (c)(5)(E)	
OPT37267 CWF/KF	Benbrook Switch - Wagwood Switch 138 KV Line North Tap Rebuild	City of Fort Worth, Tarrant County	Upgrade the conductor on the 0.2 mile Benbrook North Tap 138 KV Line, in order to relieve heavy winter loads.	10/1/2018	12/1/2018	12/1/2018	544,042	522,548			100	138	na	0.20	785 kcmil ACSR	Steel Monopoles	100	na	100	na	25 101(c)(5)(B)	
OPT37473 SFIA	Calmont Sub - Hilltop Switch #9 KV Line Pole Replacement	City of White Settlement, Tarrant County	Rebuild the 0.1 mile section of the Calmont Sub - Hilltop SW line by replacing one (1) single circuit wood guyed deadend structure with one (1) single circuit concrete monopole structure.	11/1/2018	11/21/2018	11/21/2018	128,250	222,000			100	69	na	0.10	556 kcmil ACSR	Concrete Pole	25	na	25	na	25 101(c)(5)(B)	
OPT37357 JL	Morgan Creek Switch - Sun Switch 138 KV Line CMPC Major Highway Crossing Hardening	Mitchell County	Rebuild two (2) single-circuit wood H frames with two (2) single-circuit concrete H frames at I-20 crossing.	3/8/2019	3/15/2019	3/15/2019	254,525	258,532			100	138	na	0.10	636 kcmil ACSR	Concrete H frame	75	0.10	na	na	25 101(c)(5)(B)	
OPT37317 JMUJO	Wink Switch - Cuberson Switch 138 KV Line Cut In Castle Hills Sub	Cuberson County	This cut in will be located in the Screvenbap Tap - Black River line section. This work will support the establishment of the new Castle Hills substation.	11/15/2018	12/20/2018	12/20/2018	1,400,000	1,400,000			100	138	na	0.33	1826 9 ACSS/TWHS	Steel Poles	50	na	na	0.33	25 101(c)(5)(A)	
OPT40414 JMUJO	Wink Switch - Cuberson Switch 138 KV Line Cut In Horseshoe Springs Switch	Cuberson County	This cut in will be located in the Screvenbap Tap - Black River line section. This work will support the establishment of the new Horseshoe Springs Switch.	2/25/2019	3/22/2019	3/22/2019	1,700,000	1,950,000			100	138	na	0.40	1826 9 ACSS/TWHS	Steel Poles	50	na	na	0.40	25 101(c)(5)(A)	
OPT37714 JMUJO	Build Horseshoe Springs Switch - Horseshoe Draw STATCOM 138 KV Line	Cuberson County	Build the Horseshoe Springs Switch - Horseshoe Draw STATCOM 138 KV Line.	3/13/2019	4/1/2019	4/1/2019	340,000	450,000			100	138	na	0.13	1826 9 ACSS/TWHS	Steel Poles	50	na	na	na	25 101(c)(5)(A)	
OPT37567 JMUJO	Wink Switch - Cuberson Switch 138 KV Line - Anderson Ranch POI Switch Upgrades	Loving County	Upgrade the switches on H frame switch structure 212 located in the Loving - Elmar line section from 2000 A to 3200 A.	8/19/2018	10/1/2018	10/1/2018	300,000	300,000			100	138	na	na	1826 9 ACSS/TWHS	Steel Poles	80	na	na	na	25 101(c)(5)(A)	
OPT37649 JC/AB	Denton Dr. SW Sta - Lakemont Sta 138 KV Tie In	City of Dallas, Dallas County	Tie in the Lakemont 138 KV Line into the Denton Dr. Switch Station.	2/27/2018	4/30/2018	4/30/2018	178,411	178,411			100	69	138	0.10	785 kcmil ACSR	na	na	na	na	na	25 101(c)(5)(A)	
OPT37650 JC/AB	Denton Dr. SW Sta - Empira Central Sta 138 KV Tie In	City of Dallas, Dallas County	Tie in the Empira Central 138 KV Line into the Denton Dr. Switch Station.	10/1/2018	12/30/2018	12/30/2018	178,411	178,411			100	69	138	0.10	785 kcmil ACSR	Steel Monopoles	na	na	na	na	25 101(c)(5)(A)	
17T65243 JC/RS	Nonwood SW Sta - Amelia St 138 KV Line Rebuild Record Cross Cut In	Dallas County	Cut in the Record Crossing Station into the Nonwood SW Sta - Amelia St 138 KV Line on new steel monopoles.	1/4/2019	1/31/2019	1/31/2019	1,038,520	1,038,520			100	138	138	0.80	1826 9 kcmil ACSS/TW	Steel Poles	100	0.80	na	na	25 101(c)(5)(B)	
OPT37389 OER/AFDO	DFW D West - DFW E East UG Fiber Installation	Tarrant County	Install 1.4 miles of UG fiber from DFW D West to DFW E East on the Lyggett - Euless 138 KV Line.	11/15/2018	4/15/2019	4/15/2019	565,552	565,552			100	0	0	1.40	ADSS Fiber	UG	na	1.10	30	0.31	25 101(c)(5)(B)	
18T64063 RJ	Cathay Creek Sub (formerly Holland) Emergency Capacitors	City of Holland, Bell County	Rebuild a section of the Temple Sub - Holland Sub #9 KV line to establish the new Cathay Creek capacitor bank.	10/17/2018	12/21/2018	12/21/2018	404,284	450,000			100	89	na	0.30	959 6 kcmil ACSS/TW	Steel and Concrete Poles	50	0.30	na	na	25 101(c)(5)(B)	
17T62061 KFEH	Paris - Rivercrest/Tenaska 138 KV Line (Paris - Rivercrest Section) Rebuild	City of Paris, Lamar County	Rebuild a 6 mile section of the Paris-Rivercrest/Tenaska 138 KV Line from single-circuit to double-circuit.	1/1/2019	4/20/2019	4/20/2019	6,900,000	7,000,000			100	138	na	6.00	959 6 kcmil ACSS/TW	Steel Monopoles	100	6.00	na	na	25 101(c)(5)(B)	
14T62120 JM/AB	Handley - Everman (Bowen W. Tap)	City of Fort Worth, Tarrant County	Rebuild one span and improve the clearance on the Bowen West Tap Line 138 KV Line.	1/14/2019	1/31/2019	1/31/2019	358,776	425,000			100	138	na	0.50	Bundled 336 4 ACSR	Steel monopoles and concrete H-frame	100	0.50	na	na	25 101(c)(5)(B)	
15T63127 JM/AB	Big Spring W - Stanton East	City of Big Spring/Howard Martin and Midland Counties	Rebuild seven spans and improve the clearance on the Big Spring - Stanton 138 KV Line.	11/27/2018	12/19/2018	12/19/2018	487,000	675,000			100	138	na	1.00	410 ACSR and 959 6 ACSS/TW	Steel monopoles and concrete H frame	100	1.00	na	na	25 101(c)(5)(B)	
19T64005 SB	Round Rock - Round Rock South 138 KV Line Round Rock SW Station Line Work	City of Round Rock, Williamson County	Reconfigure line work associated with Round Rock Switch Station.	3/18/2019	5/30/2019	6/10/2019	350,000	455,000			100	138	138	0.02	959 6 kcmil ACSS/TW Bundled 785 ACSR Bundled 1500 KCMIL ACSR	Steel Pole	400	0.08	na	na	25 101(c)(5)(B)	
OPT04139 SB	Lonesome Draw 138 KV Tap	Upton County	Build approximately 0.9 miles of greenfield to establish Lonesome Draw 138 KV Substation.	2/1/2019	3/22/2019	3/22/2019	1,200,000	2,008,502			100	138	138	0.90	959 6 kcmil ACSS/TW	Steel Pole	na	na	100	0.90	25 101(c)(5)(A)	

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**Public Utility Commission of Texas
Project No. 49066**

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
OPT04123 SB	Forney - Tri Corner Switch 345 kV Line Double Circuit Reconnector	City of Forney, City of Seagoville Dallas County Kaufman County	Upgrade Forney Station to Tri Corner Station as well as the spans into Seagoville Station	12/1/2019	12/31/2020		232 000				0	345	345	15 00	959 6 kcmil ACSS/TW	Steel Towers	180	15 00	na	na	25 101(c)(5)(A)	
OPT37763 KF/DN	Handley Switch - Uggott Sw 138 kV Line Sub Angle Replacement	City of North Richland Hills Tarrant County	Replace leg extension members and one sub angle on the Handley Switch - Uggott Switch 138 kV Line due to public vehicle impact damage on Tuesday 9/7/2018 at approximately 1 00am	8/7/2018	10/6/2018	10/9/2018	450 000	350 000			100	138	na	na	959 6 kcmil ACSS/TW	Steel Lattice Towers	100	na	na	na	25 101(c)(3)	Emergency maintenance work
OPT37637 JMDN	Wichita Falls Pleasant Valley 138 kV Line Raise Structure	City of Wichita Falls, Wichita County	Raise and move structure 773 on the Wichita Falls Pleasant Valley 138 kV Line	1/3/2019	1/22/2019	1/22/2019	182 984	195 000			100	69	na	0 10	795 ACSR	Steel Tower	na	0 10	na	na	25 101(c)(5)(B)	
OPT38246 AF/UO	Midessa South Sw - Midland East 138 kV Line Trail Junction Point of Delivery (POD) for Chevron USA	City of Midland County of Midland	Establish a point of delivery to Chevron's substation on the southern circuit of the Midessa South Sw - Midland East 138 kV transmission line The point of delivery will be located approximately 6 4 miles northeast of the Midessa South Switch	4/15/2019	5/14/2019	05/14/19	1 018 539	1 100 000			100	138	na	0 10	ACSR 795	Steel Monopole	70	0 10	na	na	25 101(c)(5)(A)	
OPT04156 AF/BC	Hutto Sw Giffeland Creek Sw 138 kV Line Bird Nest Sub Line Work	City of Phleguville, County of Travis	Modify Hutto Switch Giffeland Creek 138 kV line to accommodate construction of the new Bird Nest Substation	9/3/2019	11/23/2019		883 029	1 200 000			7	138	na	0 40	1926 9 ACSS/TWHS	Steel Monopole	70	0 40	na	na	25 101(c)(5)(A)	This line work is to support the establishment of Bird Nest substation in Phleguville, TX.
16T65165 OTP39860 KD/RS	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	12/10/2018	6/30/2020		12 229 402	16 300 813			45	138	138	18 20	1926 9 kcmil ACSS/TW	Steel or Concrete Poles	Varies	9 10	Varies	na	25 101(c)(5)(B)	
16T65060 KD/UO 16T65186	Norhaven Switching Station - Preston Road North 138 kV Line Rebuild	City of Dallas Dallas County	Upgrade the 6 1 mile Norhaven Switching Station - Preston Road North 138 kV line Upgrade the 138 kV terminal equipment to meet or exceed 2000 A	1/21/2019	5/15/2019	5/15/2019	11 705 282	13 705 282			100	138	138	12 20	1826 9 kcmil ACSS/TW	Steel or Concrete Poles	Varies	6 10	Varies	na	25 101(c)(5)(B)	The original project was Northaven Renner (16T65060) and it was split so that we now have Northaven Preston Road North (16T65188) and Preston Road North Renner (16T65060) The WA that should now be associated with this project on the PUC Report is 16T65188
OPT38376 SP/CCL	McDonald Road Switch Spraberry Switch 138 kV Line Reconnection	City of Big Springs & City of Garden City Glasscock County	Convert the McDonald Road Switch - Spraberry Switch 69 kV Line to 138 kV and reterminate the line into McDonald Road Switch	7/31/2019	9/30/2019	9/30/2019	1 808 351	1 440 116			100	69	138	0 30	959 6 kcmil ACSS/TW	Steel Monopoles	50	0 30	na	na	25 101(c)(5)(B)	
OPT37659 SP/CCL	Garden City Sub Midcut Switch 69 kV Line Rebuild	City of Garden City Glasscock County & Pecos 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	4/15/2019	8/31/2019	8/31/2019	20 611 032	20 064 430			100	69	138	16 00	959 6 kcmil ACSS/TW	Steel Monopoles	50	15 00	na	na	25 101(c)(5)(A)	This line work supports the establishment of Shipwreck Sub 138 kV in Big Springs TX
OPT38345 C7	Leon - Ranger Gulf 69 kV Line Adjust Line for Gap Bank Installation	City of Ranger Eastland County	Replacing existing H-frame with a 3 pole as a request of the new capacitor bank at Ranger Substation	2/20/2019	3/7/2019	3/1/2019	253 983	250 000			100	69	na	0 10	410 ACSR	Steel Poles	275	0 10	na	na	25 101(c)(5)(B)	
OPT04278 C7	Anna Switch McKinney Sub 138 kV Line Cut In to Weston Sub	City of McKinney, Collin County	Relocating Structure associated with establishing Weston Substation	3/15/2020	5/1/2020		146 533				0	138	na	0 10	1233 6 ACSS/TW	Steel Pole	100	0 10	na	na	25 101(c)(5)(B)	
OPT37271 BR	Big Spring Switch - Buzzard Draw Switch 69 kV Line Knott Sub Line Work	Howard County	This cut in will be located in the Big Spring Sw - Buzzard Draw line section This work will support the establishment of the new Knott substation	2/18/2019	6/28/2019	6/30/2019	550 000	550 000			100	69	na	0 40	410 ACSR and 959 6 ACSS/TW	Steel Monopole	50	0 40	na	na	25 101(c)(5)(A)	
OPT04280 BR	Grandview Tap 138 kV Line Parks Bell Ranch Sub Line Work	Ector County	This cut in will be located in the Grandview Tap line section of the Moss Switch - Midland County Northwest 138 kV Line This work will support the establishment of the new Parks Bell Ranch substation	4/15/2019	5/15/2019	5/15/2019	1 400 000	1 400 000			100	138	na	0 50	1926 9 ACSS/TW	Steel Monopole	175	0 40	na	na	25 101(c)(5)(A)	
OPT37439 BR	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	10/15/2019	11/16/2019		350 000	450 000			0	138	na	0 01	1926 9 ACSS/TW	Steel Poles	100	0 10	na	na	25 101(c)(5)(A)	
OPT37666 CL	Andrews County South Littleman 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	8/26/2019	11/22/2020		1 602 400	1 602 400			20	138	na	70 00	959 6 kcmil ACSS/TW	Steel Poles	200	na	0 4	0 40	25 101(c)(5)(A)	
OPT37652 CL	Moss Switch - Odessa EHV 345 kV Line Moss Switch Line Work	City of Odessa, Ector County	Retermine the existing Odessa EHV line coming into Moss as well as establish a new terminal connection for the future Riverton line The work is required to accommodate the installation of a second autotransformer	2/16/2019	5/15/2019	5/15/2019	2 577 400	3 077 644			100	345	na	0 25	Bundled 1926 9 kcmil ACSS/TW	Steel Poles	150	0 25	na	na	25 101(c)(5)(A)	
OPT04048 BMcDCL	Grapeland Magnolia 138 kV Tap	Houston County	Install a new 138 kV tap point for the existing Grapeland Magnolia 138 kV Substation on the Jewett Switch Crockett Switch 138 kV Line Install three line sectionalizing switches	4/10/2019	5/14/2019	5/14/2019	440 000	760 000			100	138	na	1 40	859 6 kcmil ACSS/TW	Steel Poles	100	1 40	na	na	25 101(c)(5)(A)	
16T62099 BMcDIA	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	2/11/2019	11/30/2019		3 840 000	3 840 000			42	69/138	138	2 10	959 6 kcmil ACSS/TW	Steel Poles	Varies	2 10	na	na	25 101(c)(5)(B)	
16T62003 BMcDIA	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	2/11/2019	3/13/2020		1 040 000	1 040 000			63	69/138	138	2 10	959 6 kcmil ACSS/TW	Steel Poles	Varies	2 10	na	na	25 101(c)(5)(B)	
OPT37349 SE/MK	IH 635 Lake Hubbard Centerville 345 kV Line Relocation Lake Hubbard-Centerville 345kV Line	City of Dallas Dallas County	Relocation with new single circuit steel monopole dead end structure and remove existing single-circuit, steel monopole tangent structure	1/14/2019	3/31/2019	3/31/2019	415 945	611 482			100	345	na	0 22	959 ACSS/TW "Suwannee" (Bundled)	Steel Monopole Structures	Varies	0 22	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
OPT37467 SE/MK	IH 635 Lake Hubbard-Centerville 345kV LA Prada Relocation Lake Hubbard Centerville 345kV Line	City of Dallas Dallas County	Relocation with new single-circuit, steel monopole dead end and tangent structures and remove existing single circuit, steel monopole dead end and tangent structures	1/14/2019	3/31/2019	3/31/2019	1 042 688	1 286 451			100	345	na	0 46	959 ACSS/TW "Suwannee" (Bundled)	Steel Monopole Structures	Varies	0 46	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

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OPT37508 SEVMK	IH 635 Lake Hubbard Centerline 138 kV Relocation, Lake Hubbard Centerline 138 kV Line	City of Dallas, Dallas County	Relocation with new single-circuit steel monopole dead end and tangent structures and remove existing single-circuit, steel lattice tower dead end and tangent structures	12/11/2018	5/21/2019	5/21/2019	858,655	1,186,735			100	138	na	1.18	1926 ACSS/TW "Cumberland" (Non Bundled) & 1431 ACSR "Plover" (Non Bundled)	Steel Monopole Structures	Varies	0.59	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
OPT37509 SEVMK	IH 635 Perdido Lake Hubbard 138 kV Relocation, Parkdale Lake Hubbard 138 kV Line	City of Dallas, Dallas County	Relocation with new single-circuit steel monopole dead end and tangent structures and remove existing single circuit, steel lattice tower dead end and tangent structures	1/14/2019	5/30/2019	5/30/2019	853,205	1,267,433			100	138	na	1.20	1926 ACSS/TW "Cumberland" (Non Bundled) & 1431 ACSR "Plover" (Non Bundled)	Steel Monopole Structures	Varies	0.60	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
OPT37510 SEVMK	IH 635 Royal Relocation Hackberry/Northlake Grapevine Ball St. 138 kV Line	City of Dallas, Dallas County	Relocation with new double-circuit steel monopole dead end and tangent structures and remove existing double circuit, steel monopole dead end and tangent structures	11/28/2019	5/1/2019	5/1/2019	1,974,592	1,565,355			100	138	na	0.56	1926 ACSS/TW "Cumberland" (Non Bundled)	Steel Monopole Structures	Varies	0.56	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
OPT37514 SEVMK	SH 121 Collin County Outer Loop 138 kV Relocation, Payne-Royce 138 kV Line	City of Anna, Collin County	Relocation with new double-circuit, concrete H-frame tangent structures and remove existing single-circuit, wood H-frame tangent structures	3/15/2019	4/4/2019	4/4/2019	305,413	252,413			100	138	na	0.30	795 ACSR "Drake" (Non Bundled)	Concrete H frame Structures	70	0.30	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
OPT37513 SEVMK	SH 121 Collin County Outer Loop 345 kV Relocation, Anna Switch-Valley Jct. 34 kV Line	City of Anna, Collin County	Relocation with new double-circuit, steel monopole tangent structure and remove existing double-circuit, steel monopole tangent structure	3/24/2019	4/1/2019	4/1/2019	432,295	379,511			100	345	na	0.65	1590 ACSR Falcon (Bundled)	Steel Monopole Structures	110	0.33	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
OPT37570 SEVMK	SH 6 Daleon 69 kV Relocation Leon Dublin 69 kV Line	City of DeLeon, Comanche County	Relocation with new single circuit steel and wood dead end and tangent structures and remove existing single circuit, wood dead end and tangent structures	3/15/2019	6/24/2019	6/24/2019	2,273,845	1,537,760			100	69	na	1.38	Number 2-3 Stand CU (Non Bundled) & 336 ACSR "Linnat" (Non Bundled)	Steel Monopole & Wood Structures	na	na	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
OPT04279 SEVBC	Rental Car Substation Tap Luggett Hackberry 138 kV	City of Irving, Dallas County	Relocation with new double-circuit steel dead end structures and remove existing double circuit, steel dead end structures. Relocation will loop into and out of new Rental Car Substation	4/8/2019	5/30/2019	6/5/2019	1,478,016	1,625,063			100	138	na	0.38	1033 ACSR "Curlew" (Bundled) & 959 ACSS/TW "Savannah" (Bundled)	Steel Monopole	100	0.19	na	na	25 101(c)(5)(A)	
OPT38446 SEVBC	Rental Car Substation Relocation, Luggett Saginaw 138 kV	City of Irving, Dallas County	Relocation with new double-circuit, steel dead end and small angles structures and remove existing double circuit, steel dead end and tangent structures	3/15/2019	5/1/2019	5/1/2019	1,440,278	1,687,773			100	138	na	0.92	1033 ACSR "Curlew" (Bundled)	Steel Monopole	100	0.46	na	na	25 101(c)(5)(B)	
OPT04374 OPT38704 OER/ON	Work Nobles Sw 138 kV Line Rebuild	City of Wink, Winkler County	Rebuild the 2.78-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	2/5/2019 7/15/2019	10/19/2019 12/13/2019		36,645,152	37,500,000			5% 15	138	na	27.80	1926 ACSS/TW/HSS	Steel Poles	50	27.80	na	na	25 101(c)(5)(B)	
17764062 BCIA	138 kV Tap to Round Rock SE Reconnector 3.4 mi	City of Pflugerville, Williamson County & Travis County	Upgrade the 138 kV Tap to Round Rock SE. The existing line is a double circuit on steel and concrete monopoles that are to be replaced	1/2/2019	3/13/2019	3/13/2019	3,777,758	3,200,000			100	138	138	8.8	1233 6 kcmil ACSS/TW	Steel & Concrete Poles	70	3.40	na	na	25 101(c)(5)(B)	
19765004 SMEDH	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	2/15/2020		10,189,806	10,189,806			40	345	na	11.50	(2) 859 6 kcmil ACSS/TW Bundle "Savannah"	Steel Towers	165	11.50	na	na	25 101(c)(5)(B)	
OPT38079 BBKF	China Grove - Radium 138 kV Line, Sunoco POD	Colorado City, Mitchell County	Build a 0.6 mile line extension in the China Grove Switch Radium 138 kV Line to serve the Sunoco Pipeline facilities	6/24/2019	8/12/2019	8/12/2019	2,600,000	2,600,000			100	138	na	0.60	959 8 ACSS/TW	Steel Poles	na	na	75	0.60	25 101(c)(5)(A)	
OPT37645 DD/CCL	Moss Switch - Wolf Switch 138 kV Line Moss Switch Line Work	City of Odessa, Ector County	Reconnect the Moss Switch - Wolf Switch 138 kV line at Moss Switch Station to accommodate a second 345 kV autotransformer	2/15/2019	3/20/2019	3/20/2019	731,386	1,315,454			100	138	na	0.10	959 6 kcmil ACSS/TW	Steel Poles	na	0.10	na	na	25 101(c)(5)(A)	
OPT04409 DD/O	Pecos Trail POD (Edwards Ranch 138 kV Point of Delivery) Establish POD for Wisconsin Propanes	City of Monahans, Ward County	Re route the Wolf Switch - Odessa EHV 138 kV line into the Pecos Trail POD	2/25/2019	4/5/2019	4/5/2019	1,701,828	1,896,053			100	138	na	0.20	1826 9 kcmil ACSS/TW	Steel and Concrete Poles	75	0.10	75	0.10	25 101(c)(5)(A)	
18762138 MKPO	General Motors - International Airport Sub 138 kV Line Reconnector	City of Arlington, Tarrant County	Reconnector the west circuit of the General Motors - International Airport Substation 138 kV Line	2/1/2019	4/26/2019	4/26/2019	3,112,889	4,486,635			100	138	138	5.65	1926 9 kcmil ACSS/TW	Steel Poles	Varies	5.65	na	na	25 101(c)(5)(B)	
18762002 MKPO	Sherry Switch Station - General Motors Substation 138 kV Reconnector	City of Arlington, Tarrant County	Reconnector the west circuit of the Sherry Switch Station General Motors Substation 138 kV Line	9/18/2019	11/27/2019		2,353,682	3,809,556			17	138	138	2.35	1826 9 kcmil ACSS/TW	Steel Poles	Varies	2.35	na	na	25 101(c)(5)(B)	
OPT37243 MKPO	Sherry Switch - International Switch 138 kV Line Replace 3/8" Shield Wire with OPGW Brookholow 138 kV Line Tap	City of Arlington, Tarrant County	The existing 3/8" EHS Steel Shield Wire will be replaced with 0.545" OD 48 count OPGW on the Brookholow 138 kV Line Tap section of the Sherry Switch Station - International Airport Sub 138 kV Line	4/15/2019	4/29/2019	4/29/2019	156,081	202,113			100	138	138	0.30	OPGW	na	Varies	0.30	na	na	25 101(c)(5)(B)	
OPT37248 DMEH	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	6/30/2019	2/26/2020		13,662,232	13,662,232			10	345	345	8.00	(2) 1590 kcmil ACSS	Steel Poles	100	8.00	na	na	25 101(c)(5)(B)	
OPT37557 SP/CCL	Spraberry Switch - Garden City Sub 69 kV Line Rebuild	City of Garden City, Glasscock County	Rebuild the 0.2 mile existing Spraberry Switch to Garden City Sub 69 kV Line in order to convert the 69 kV circuit to 138 kV and reterminate into McDonald Road Switch	9/9/2019	9/24/2019		799,233	775,165			100	69	138	0.20	959 8 kcmil ACSS/TW	Steel Monopoles	50	0.20	na	na	25 101(c)(5)(A)	This line work supports the establishment of Shiprock Sub 138 kV in Big Springs, TX and the retermination into McDonald Road Switch. Project to be energized 10/15/19
OPT38124 - DMOR	Sards Sw (BEP) - Sterrett Sw 138 kV Line Raise Structures	Elis County	Raise and replace structures 302 and 303 with wood H-Frames	2/25/2019	3/2/2019	3/2/2019	206,498	272,451			100	138	138	0.10	795 ACSR "Drake"	Wood H Frame	na		107	na	25 101(c)(5)(B)	
OPT04149 CER	Texaco Mabae - Texaco Mabae Tap 138 kV DCL Line Cut In Mansfield	City of Andrews, Andrews County	Cut In the Texaco Mabae - Texaco Mabae Tap 138 kV Line in order to establish the proposed Mansfield Substation	1/14/2019	2/11/2019	2/11/2019	1,000,000	404,789			100	138	na	0.30	959 8 ACSS/TW/HSS	Steel Poles	50	0.25	75	0.50	25 101(c)(5)(A)	
OPT37318 CLMP	Venus Switch - Sands Switch 138 kV Line Establish New Kamp Ranch Switch Station	City of Venus, Ellis County	Reconnect the two circuits of the Venus Switch - Sands Switch 138 kV Line to the newly constructed Kamp Ranch Switch Station. This line will no longer connect at Venus Switch Station	6/10/2019	12/31/2019		2,340,759	2,340,792			20	138	na	0.40	(2) 359 6 kcmil ACSS/TW/E3X	Lattice Towers and Steel Poles	100	0.10	100	0.40	25 101(c)(5)(A)	
OPT38090 CLMP	Kamp Ranch Switch - Venus #1 138 kV Line	City of Venus, Ellis County	Build a new line connecting the newly constructed Kamp Ranch Switch Station and the newly constructed Venus Substation	6/10/2019	12/31/2019		839,798	839,788			95	138	na	0.20	959 6 kcmil ACSS/TW/E3X	Steel Poles	na	na	100	0.20	25 101(c)(5)(A)	

**ONCOR ELECTRIC DELIVERY MONTHLY
CONSTRUCTION PROGRESS REPORT for
October - 2019**

**Public Utility Commission of Texas
Project No. 49066**

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
OPT38091 CLMP	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	6/10/2019	12/31/2019		754,553	754,553			95	138	na	0.30	959 6 kcmil ACSS/TWEX3	Steel Poles	na	na	100	0.30	25 101(c)(5)(A)	
OPT38077 CLMP	Venus Switch - Kemp Ranch Switch 138 kV Line - Establish 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	6/10/2019	12/31/2019		1,643,551	1,643,551			20	138	na	0.50	(2) 959 6 kcmil ACSS/TWEX3	Steel Poles	na	na	75	0.50	25 101(c)(5)(A)	
OPT38076 CLMP	Alvarado - Venus - Kemp Ranch Switch Station 138 kV Line - Establish 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	6/10/2019	12/31/2019		1,634,409	1,634,409			20	138	na	0.40	(2) 959 6 kcmil ACSS/TWEX3	Steel Poles	na	na	75	0.40	25 101(c)(5)(B)	
OPT37241 MKPO	Handley Switch - Liggett Switch 138 kV Line - Retermination at International Airport Substation	City of Euless, Tarrant County	Reterminate the existing double circuit Handley - Liggett line and the circuits coming from Sherry Switch Station into the International Airport Substation	2/4/2019	3/24/2019	3/24/2019	1,630,149	1,624,239			100	138	138	0.38	1926 9 kcmil ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Project is within International Airport Substation
OPT38703 GD	Yucca drive - Crane switch 69 kV Line	Odessa and Crane County	Replace a pole required to accommodate a new auto transformer at Barnsley Substation	4/15/2019	9/27/2019	9/27/2019	300,000	300,000			100	69	69	0.10	959 6 kcmil ACSS	Steel Pole	na	na		0.10	25 101(c)(5)(A)	
OPT38369 GD	Roanoke Switch - Euless Switch 138 kV Line	Forth Worth and Tarrant County	Install a single-circuit steel monopole on the Roanoke Switch - Euless Switch 138 kV double-circuit line	10/16/2019	12/1/2019		175,852	180,000			0	138	138	0.10	1033 5 ACSS	Steel Pole	na	na		0.10	25 101(c)(5)(B)	
OPT38572 GD	Graham Switch - Morgan Creek Switch 345 kV Line - 345 kV Lattice Hardening	Sweetwater City and Jones County	Harden a section of the Graham - Morgan Creek Switch 345 kV Line in Jones County	12/31/2019	1/31/2020		708,609				0	345	345	0.20	1926 9 kcmil ACSS/TW	Lattice Steel Towers	140	0.20	140	0.20	25 101(c)(5)(B)	
OPT38584 GD	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	11/1/2019	1/31/2020		733,491	920,000			0	345	345	0.20	1926 9 kcmil ACSS/TW	Lattice Steel Towers	140	0.20	140	0.20	25 101(c)(5)(B)	
16T62004 BMC/DIA	Structure 4/5 - Springdale (North) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the structure 4/5 - Springdale (North CK) 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	2.60	959 6 kcmil ACSS/TW	Steel Poles	Varies	2.60	na	na	25 101(c)(5)(B)	
16T62005 BMC/DIA	Structure 4/5 - Springdale (South) 138 kV Line	City of Fort Worth, Tarrant County	Rebuild the structure 4/5 - Springdale (South CK) 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	6/30/2019	6/30/2019	690,000	690,000			100	69/138	138	2.60	859 6 kcmil ACSS/TW	Steel Poles	Varies	2.60	na	na	25 101(c)(5)(B)	
OPT38583 OPT39653 C7	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 10/21/2019	4/15/2019 10/25/2019	4/15/2019	538,549	538,549			100 0	69/138	na	0.02	959 6 kcmil ACSS/TW	Steel Poles	400	0.10	na	na	25 101(c)(5)(A)	South Circuit is 69 kV and North Circuit is 138 kV
16T63112 SER/MK	ACP Loblough Coyanosa NW 138 kV Installation - Loblough 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.	7/2/2019	11/15/2019		2,902,452	2,500,000			75	na	138	1.82	959 kcmil ACSS/TW "Suwannee" (Non-Bundled)	Steel and Concrete Monopole Structures	na	0.00	80	0.91	25 101(c)(5)(A)	
OPT37554 CC	Nowwood - E Levee 138 kV Line - Establish Knights Branch POD for UT Southwestern Medical Center	City of Dallas, Dallas County	Establish a point of delivery to Knights Branch sub on Nowwood - E Levee 138 kV transmission line. The point of delivery will be located approximately 360 feet east of existing UTSWMC POD	4/1/2019	9/30/2019	9/30/2019	1,527,554	1,527,554			100	138	138	0.50	1926 kcmil ACSS/TW	Steel Poles	100	0.50	na	na	25 101(c)(5)(A)	
OPT37679 DM/KF	Trinidad Switch - Long Lake 138 kV Line - Holly Evrin 138 kV POD	City of Palestine, Anderson County	Build a point of interconnection for Atmos Pipeline	9/9/2019	10/4/2019	10/4/2019	852,139	1,200,662			100	138	na	0.60	795 kcmil ACS/Drake	Steel H Frame Switch/H Frame Tangents	100	na	na	na	25 101(c)(5)(A)	
16T62072 IA	Saginaw - North Main 138 kV Line - Cut In to new North Main Substation	City of Fort Worth, Tarrant County	Build a cut in to Oncor North Main Sub Station on the Saginaw - North Main 138 kV Line. The interconnect will be between the existing heritage station and the new North Main Sub Station	3/2/2019	2/14/2020		697,037	697,037			56	138	na	0.10	959 6 kcmil ACSS/TW	Steel Poles	50	0.10	na	na	25 101(c)(5)(A)	
16T62077 IA	Connect North Main Sub To North Main Switch	City of Fort Worth, Tarrant County	Connect the North Main Substation to North Main Switch on the Randal Mill - North Main 138 kV Line. The initial line will be between the existing North Main Switch and the new North Main Sub Station	3/2/2019	2/21/2020		659,044	1,057,827			62	138	na	0.30	959 6 kcmil ACSS/TW	Steel Poles	50	0.30	na	na	25 101(c)(5)(A)	
OPT37277 OER/DN	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	7/18/2019	12/31/2019		931,000	1,141,647			50	69	na	0.60	959 6 kcmil ACSS/TW	Steel/Concrete Poles	100	0.75	100	0.60	25 101(c)(5)(D)	
OPT37364 OER/EH	Liggett Sw - Nowwood Sw 138 kV Line - Nowwood Retermination	City of Dallas, Dallas County	Reterminate the Liggett - Nowwood Sw (North Circuit) and install one (1) SCSP inline deadend between Str 272 and the proposed H Frame station deadend on the North Circuit	4/15/2019	12/31/2019		351,000	351,000			15	138	na	0.10	959 6 kcmil ACSS/TW	Steel Poles	Varies	na	na	na	25 101(c)(5)(B)	
OPT38413 JM/JO	Battalion POD 138 kV Loop Line	City of Killeen, TX / Bell County	Construct a 138 kV loop line off the Killeen Park St 138 kV Line to aide in establishing the Battalion POD	6/3/2019	12/15/2019		2,500,000	2,700,000			100	na	138 kV	0.80	1 959 6 ACSS/TW/H/S	Steel Poles	na	na	70	0.80	25 101(c)(5)(A)	
OPT38341 JM/JO	Killeen Park Street 138 kV Line - Modifications to Serve Battalion POD	City of Killeen, TX / Bell County	Add a second circuit to the existing Killeen Park St 138 kV Tap Line to aide in establishing the Battalion POD	6/3/2019	7/18/2019	7/18/2019	1,800,000	1,850,000			100	138	138 kV	1.20	1 959 6 ACSS/TW/H/S	Steel Poles	30	1.20	50	na	25 101(c)(5)(C)	
OPT38070 AB/JM	Wink - Cuberson 138 kV Line - Modify for Riverston - Sand Lake 345 kV Line	Reeves County	Modify the Wink - Cuberson 138 kV transmission line due to the new construction of the Riverston - Sand Lake 345 kV line	10/21/2019	11/1/2020		1,300,000	1,600,000			0	138	na	0.25	1926 9 ACSS/TW/H/S	Steel Poles	50	na	160	0.26	25 101(c)(5)(D)	
OPT37287 JM/IA	Valley Switch - Paris Switch 345 kV Line - Relocate for the Lower Bos 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 Bos d'Arc Creek Reservoir	7/15/2019	5/14/2020		18,300,000	20,500,000			15	345	na	12.80	(2) 1926 9 ACSS/TW/H/S Bundled	Steel Poles	150	6.40	na	na	25 101(c)(5)(E)	
OPT37288 JM/IA	Valley Switch - Paris Switch 138 kV Line - Relocate for the Lower Bos 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 Bos d'Arc Creek Reservoir	7/15/2019	5/14/2020		7,200,000	8,750,000			15	138	na	6.62	1926 9 ACSS/TW/H/S	Steel Poles	100	6.62	na	na	25 101(c)(5)(E)	
OPT40488 JM/JO	Wink Switch - Cuberson Switch 138 kV Line - Cut In Quarry Field Switch	Cuberson County	The cut in will be located in the Elmer - Mason line section. This work will support the establishment of the new Quarry Field Switch	9/4/2019	10/25/2019		2,650,000	2,900,000			50	138	na	0.96	1926 9 ACSS/TW/H/S	Steel Poles	50	na	70	0.96	25 101(c)(5)(A)	
OPT37680 JM/JO	Build Quarry Field Switch - Rondol STATCOM 138 kV Line	Cuberson County	Build the Quarry Field Switch - Rondol STATCOM 138 kV Line	8/29/2019	11/1/2019		420,000	500,000			50	138	na	0.18	1926 9 ACSS/TW/H/S	Steel Poles	50	na	70	0.18	25 101(c)(5)(A)	
OPT38473 JOUM	Rebuild Screwbean Tap - Screwbean Sub 138 kV Line	Cuberson 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"	11/4/2019	11/22/2019		740,000	900,000			0	138	na	0.23	1926 9 ACSS/TW/H/S	Steel Poles	na	na	150' / 100'	0.23	25 101(c)(5)(B)	

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Public Utility Commission of Texas
Project No. 49066

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Final 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
OPT37752 JOU/M	Wink - Cubersson 138 kV Line Boulder POD for Anadarko Holey	Loving County	Install three motor operated 138 kV 3200 A line sectionalizing switches as a part of installing a 138 kV point of interconnection (POI) for Anadarko's Petroleum Corporation on the north circuit of the Wink - Cubersson 138 kV Double-circuit Line. The POD will be located 1.4 miles west of the Loving Substation.	10/21/2019	11/16/2019		1,700,000	1,850,000			0	138	na	0.25	1926 9 ACSS/TW/HS	Steel Poles/ H frame Switch	50	na	70	0.25	25 101(c)(5)(A)	
OPT37216 SF	Corsicana Switch - Trinidad	City of Trinidad, Henderson County	Reconfigure the Corsicana SW - Trinidad SW 138 kV Line at Trinidad in Henderson County.	4/1/2019	5/24/2019	5/24/2019	1,500,000	1,500,000			100	69	138	0.30	795 ACSR	Wood Steel & Concrete Poles	100	0.30	na	na	25 101(c)(5)(B)	
OPT04154 SP/KF	Arco (DME) Switch - Colin Switch 138 kV Line Establish Blagg Sub	City of Denton, Denton County	Cut in approximately 0.7 miles of the Arco (DME) Switch - Colin Switch 138 kV line to establish Blagg Sub.	2/15/2020	2/22/2020		2,117,860				0	138	138	0.20	1926 9 ACSS/TW	Steel Monopoles	70	0.10	na	na	25 101(c)(5)(A)	
OPT38108 JM/AB	Trinidad Switch Station Kaufman Northwest 138 kV Line Terminate into Martin Switch	City of Trinidad, Henderson County	Terminate the Martin Switch on the Trinidad Switch Station - Kaufman Northwest 138 kV Line to accommodate the Martin Switch point of delivery.	4/8/2019	5/14/2019	5/14/2019	650,000	800,000			100	138	138	0.20	1926 9 ACSS/TW/HS	Steel Poles	70	0.20	70	0.20	25 101(c)(5)(A)	
OPT38669 SEV/MK	Relocate Martin Marietta, Chico-Jacksboro 69 kV Line	City of Chico, Waco County	Relocate structures 132/2 through 14/1 on Chico-Jacksboro 69 kV Line at the request of Martin Marietta.	8/5/2019	10/25/2019		1,686,385	1,546,139			75	69	na	1.30	795 ACSR	Steel Monopole Structures	100	1.08	100	1.30	25 101(c)(5)(D)	This project is 100% reimbursable by Martin Marietta. Relocation results in existing line being .2 miles longer in length.
OPT38670 SEV/MK	Relocate Martin Marietta Bridgeport-Chico 138 kV Line	City of Chico, Wise County	Relocate structures 49 through 65 on Bridgeport - Chico 138 kV Line at the request of Martin Marietta.	8/23/2019	11/7/2019		1,686,385	1,546,159			50	138	na	1.30	795 ACSR	Steel Monopole Structures	100	1.08	100	1.30	25 101(c)(5)(D)	This project is 100% reimbursable by Martin Marietta. Relocation results in existing line being .2 miles longer in length.
18TB4092 SM/BM/AC	Jewett Switch - Crockett 138 kV Line Rebuild Pleasant Springs to Grapeland Magnolia Tap	Crockett and Houston, Crockett 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.	5/16/2019	12/31/2019		13,000,000	17,500,000			40	138	138	14.00	959 6 kmil ACSS/TW	Steel Poles	100	14.00	na	na	25 101(c)(5)(B)	
OPT38731CZ	Falcon Seaboard Switch - Midland East Sub 345 kV Line Hardening 445 & 446	City of Midland, 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.	3/15/2020	3/20/2020		813,755				0	345	na	0.20	(2) 795 ACSR	Steel Towers	150	0.20	na	na	25 101(c)(5)(B)	
OPT38350 JL	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.	9/17/2019	11/15/2019		720,654	735,488			25	138	138	0.60	959 6 ACSS/TW/HS	Steel Poles	100	0.60	na	na	25 101(c)(5)(B)	
OPT37464 JL	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.	10/16/2019	10/31/2019		845,310	863,514			0	138	138	0.60	959 6 ACSS/TW/HS	Steel Poles	100	0.60	na	na	25 101(c)(5)(B)	
OPT37395 DM/JD	Rivercrest Switch - Sulphur Springs 138 kV Line Monticello Sw Tap (CMPC)	City of Vernon, Franklin County	Relocate and replace structures 40 and 44 on the Rivercrest - Sulphur Springs 138 kV line. Monticello Sw Tap.	8/12/2019	8/16/2019	8/16/2019	394,205	394,205			100	138	na	0.30	959 ACSR	Wood H Frame	90	na	na	na	25 101(c)(5)(B)	
17TB4107 JM/AB	Marlin Switch Station - TRWD Station 138 kV Line	City of Marlin, Henderson County	Build the Marlin Switch Station - Tarrant Regional Water District (TRWD) Station 138 kV line section to the TRWD point of delivery.	4/15/2019	8/17/2019		900,000	1,100,000			100	na	138	0.60	959 6 ACSS/TW/HS	Steel Poles	na	na	70	0.60	25 101(c)(5)(A)	
OPT38605 AF/BC	Forest Grove Sw - Canton Sw 138 kV Line 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.	5/16/2019	12/1/2019		4,605,058	6,400,000			40	138	na	4.50	1926 9 kmil ACSS/TW	Steel Poles	160	4.47	na	na	25 101(c)(5)(B)	
19TB3003 CH	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.	5/20/2019	9/16/2019	9/16/2019	8,891,636	8,891,636			100	69	138	12.30	959 6 kmil ACSS/TW	Steel Poles	50	12.30	na	na	25 101(c)(5)(B)	
OPT37331 RJ	Sweetwater no. 2 Sub Colorado City Sub 69 kV Line Rebuild	City of Lovato, Mitchell County	Replace four (4) single-circuit wood monopoles with four (4) single-circuit steel & concrete poles.	5/20/2019	5/27/2019	5/27/2019	562,307	562,307			100	69	na	0.10	4/0 kmil ACSR	Steel Poles	Vanes	0.10	na	na	25 101(c)(5)(B)	
OPT38590 CW	Paint Creek Switch - China Grove Switch 138 kV Line Relocation	City of Stamford, Jones County	Relocate the Paint Creek Switch - China Grove Switch 138 kV Line at the request of AEP, due to a new line being constructed under our existing infrastructure. Poles 835, 836, and 837 will be relocated and utilize a taller single circuit H frame structure.	4/15/2019	4/20/2019	4/20/2019	222,222	250,000			100	138	138	0.30	636 MCM ACSR "Grosbeak"	Wood H Frames	50	0.30	na	na	25 101(c)(5)(D)	
OPT38389 CW	Fisher Road Switch - Oklahoma Tie 345 kV Line Hardening 14/6 & 15/1	City of Wichita Falls, Wichita County	Rebuild a section of the Fisher Road Switch - Oklahoma Tie 345 kV Line in Wichita County. Replace two (2) H-frame lattice structures (14/6 & 15/1).	10/21/2019	12/4/2019		782,557	968,532			0	345	345	0.20	2 - 795 MCM ACSR "Drake"	Lattice Towers	150	0.20	na	na	25 101(c)(5)(B)	
OPT38654 CW	Fisher Road Switch - Oklahoma Tie 345 kV Line Hardening 22/2 & 22/3	City of Wichita Falls, Wichita County	Rebuild a section of the Fisher Road Switch - Oklahoma Tie 345 kV Line in Wichita County. Replace two (2) H-frame lattice structures (22/2 & 22/3).	10/21/2019	11/18/2019		792,887	945,824			0	345	345	0.20	2 - 795 MCM ACSR "Drake"	Lattice Towers	150	0.20	na	na	25 101(c)(5)(B)	
OPT38698 CW	Fisher Road Switch - Oklahoma Tie 345 kV Line Hardening 1/1	City of Wichita Falls, Wichita County	Rebuild a section of the Fisher Road Switch - Oklahoma Tie 345 kV Line in Wichita County. Replace one (1) H-frame lattice structure (1/1).	10/21/2019	11/18/2019		359,954	509,118			0	345	345	0.20	2 - 795 MCM ACSR "Drake"	Lattice Towers	150	0.20	na	na	25 101(c)(5)(B)	
OPT38726 CW	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.	8/1/2019	11/23/2019		7,000,000	8,788,629			75	138	138	6.00	1926 9 MCM ACSS/TW/HS "Cumberland"	Steel Pole Steel 3 - Pole	100	6.00	na	na	25 101(c)(5)(B)	
OPT38720 CW	Elkton Switch - Palestine South Switch 138 kV Line Blackburn Switch (Apollo) 138 kV POI	City of Currey, 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.	9/00/2019	11/22/2019		953,860	971,502			50	138	138	0.40	2 - 795 MCM ACSR "Drake" and 959 MCM ACSS/TW "Sawtooth"	Steel and Concrete Monopole	100	0.40	na	na	25 101(c)(5)(A)	
OPT38060 DM/JQ	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.	7/29/2019	11/19/2019		2,636,927	2,636,927			15	na	138	1.00	959 6 kmil ACSS/TW	Steel Poles	na	na	70	1.00	25 101(c)(5)(A)	
OPT38393 MF/CW	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.	5/11/2020	5/28/2020		488,000				0	345	345	0.40	2 - 795 MCM ACSR "Drake"	Lattice Towers	150	0.40	na	na	25 101(c)(5)(B)	
OPT38728 CW/AF	Palestine Switch - Palestine South Switch 138 kV Line Reconnector	City of Palestine, Anderson County	Reconnector the 1.4 mile Palestine South Switch - Palestine 138 kV Line.	9/16/2019	10/31/2019		597,363	722,000			5	138	na	1.40	795 ACSR "Drake"	Steel monopoles	70	1.40	na	na	25 101(c)(5)(B)	
OPT38672 AF/KF	Minerva Sub - Robertson Switch 138 kV Line Structure Relocation	City of Milano, Milam County	This is a CMPC project to relocate structure 32/2 due to erosion by the Little River on the Minerva Sub - Robertson Switch 138 kV Line.	10/18/2019	10/31/2019		665,094	222,000			0	138	na	0.40	795 ACSR "Drake"	Steel monopoles	70	0.40	na	na	25 101(c)(5)(B)	

**ONCOR ELECTRIC DELIVERY MONTHLY
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October - 2019**

**Public Utility Commission of Texas
Project No. 49066**

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
OPT38582 AF/CW	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 120 with deadend towers	3/1/2020	6/30/2020		800,177				0	345	na	0.20	2 ACSR 795 "Drake"	Lattice Steel Towers	150	0.20	na	na	25 101(c)(5)(B)	
OPT38587 AF/CW	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	3/15/2020	3/20/2020		776,453				0	345	na	0.20	2 795 ACSR "Drake"	Lattice Steel Towers	150	0.20	na	na	25 101(c)(5)(B)	
OPT04019 PO/BC	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	7/9/2019	9/13/2019	9/13/2019	5,111,631	5,111,631			100	138	138	2.40	1926 9 kcmil ACSS/TW	Steel Poles	100	1.20	na	na	25 101(c)(5)(B)	
OPT38496 PO/BC	Bowen East 138 kV Tap Line Conductor Removal	City of Arlington Tarrant County	Remove the Bowen East 138 kV Tap Line	5/15/2020	6/30/2020		224,818	224,818			0	138	na	1.70	na	na	na	na	na	na	25 101(c)(5)(B)	
18T62093 OPT39362 JMEH	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	7/22/2019	12/31/2019		17,106,248	17,950,000			10	69	138	10.10	959 6 ACSS/TWHS	Steel monopoles	50	10.10	na	na	25 101(c)(5)(B)	
OPT39015 JMEH	Holiday Sub - Archer City Sub 69 kV Line Re-terminate at Holiday	Archer County	Re-terminate line at Holiday Sub in association with Holiday Station expansion to allow room for new 138 kV yard	6/20/2019	7/15/2019	7/15/2019	541,775	585,000			100	69	na	0.10	336 ACSR	Wood and steel poles	50	0.10	na	na	25 101(c)(5)(E)	
OPT04050 SM/BCMD	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	11/15/2019		200,000	315,000			10	138	na	0.10	795 kcmil ACSR	Steel Poles	100	0.10	na	na	25 101(c)(5)(A)	
OPT38456 17705128 OPT38367 OERN/NAIS	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	7/22/2019	6/1/2020		29,613,898	30,000,000			75	138	138	0.50	3 3500 kcmil Cu HPFF, 2 6000 kcmil Cu XLPE	Underground Transmission Line	100	0.45	na	na	25 101(c)(5)(B)	
OPT38808 JLS/PEH	Sandow Switch - Temple Switch 138 kV Line Storm Restoration	City of Buchholz Milam County	Rebuild approximately 0.2 miles of the Sandow Switch Temple Switch 138 kV Line due to Storm Damage	12/9/2018	10/15/2019		298,835	1,882,456			0	138	na	0.20	2-1926 9 kcmil ACSS/TW	Steel Poles	50	0.20	na	na	25 101(c)(3)	Emergency Storm Restoration
OPT38959 CZ/OR	Yucca Drive Sw Culberson Sw 138 kV Line Cut In to Bantow Northwest Sub	City of Pecos Ward County	Reconfigure line to accommodate the expansion of Bantow Northwest Substation by utilizing one new deadend monopoles	10/16/2019	11/22/2019		295,580	330,000			0	138	na	0.04	1926 9 Cumberland	Steel Poles	80	0.10	na	na	25 101(c)(5)(A)	
OPT37683 TC/BC	Lake Creek Switch - Tradinghouse Switch (East Ckt) 345 kV Line Lake Hall Sw Line Work	City of Halldburg McLennan County	Cut In the Lake Hall Switch (Prairie Hill Wind Interconnect) into the Lake Creek Sw - Tradinghouse Sw (East) 345 kV Line	3/1/2019	4/30/2020		849,108	1,008,746			0	345	na	0.10	959 6 kcmil ACSS/TWHS	Lattice Steel Towers	170	0.10	na	na	25 101(c)(5)(A)	
OPT04399 DD	Thornville Sub Line work associated with establishing Thornville Sub	City of Monahans Ward County	Relocate and install structures to cut in the Permian Basin - Crane 69 kV Line to establish the new Thornville Sub	7/15/2019	10/5/2019		913,304	1,421,936			100	69	69	0.50	959 6 MCM ACSS/TWHS "Swanwick"	Steel poles	50	na	50	na	25 101(c)(5)(A)	
OPT39238 DN	Navy Lake POD 69kV Line	Archer County	This project is to construct the tap from the Cotton Wood Rd Switch - Navy Kickapoo Switch 69kV line to Navy Kickapoo Switch - Navy Kickapoo 69 kV line to serve Texas Express Pipe Line at Navy Kickapoo POD	7/15/2019	7/31/2019	7/31/2019	1,000,000	850,000			100	69	69	0.10	410 kcmil ACSR	Woods or Concrete Poles	Varies	na	Varies	0.10	25 101(c)(5)(A)	
OPT38586	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	11/22/2019		974,000	974,000			0	138	na	0.10	336 MCM ACSR	Steel/ Wood Poles	75	na	na	na	25 101(c)(5)(A)	
OPT38532 JN/BS	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	8/26/2019	10/30/2019		1,200,000	1,200,000			85	138	138	0.40	795 ACSR	Steel Poles	75	0.20	75	0.20	25 101(c)(5)(A)	
18T62143 KF/BCMD	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	11/11/2019	12/14/2019		918,748	1,905,000			0	138	138	0.33	1926 9 ACSS/TW	Steel Poles	Varies	0.33	Varies	na	25 101(c)(5)(B)	
18T62144 KF/BCMD	Southlake - Eufess 138 kV Line Cut In at Vineyard Switch	City of Grapevine Tarrant County	Separate and terminate the Roanoke Switch - Eufess 138 kV Line to establish the new Vineyard Switch	10/16/2019	12/18/2019		1,510,549	2,713,000			0	138	138	0.85	1926 9 ACSS/TW	Steel Poles	Varies	0.85	Varies	na	25 101(c)(5)(B)	
OPT04098 KF/BCMD	Roanoke to Coppell (BEC) 138 kV Line Cut In at Vineyard Switch (Wes)	City of Grapevine Tarrant County	Separate and terminate the Roanoke - Coppell (BEC) 138 kV Line to establish the new Vineyard Switch	12/11/2019	3/17/2020		400,262	907,000			0	138	138	0.13	1926 9 ACSS/TW	Steel Poles	Varies	0.13	Varies	na	25 101(c)(5)(B)	
OPT39498 CL/BCMD	Andrews Co South Switch - Littenman Sub 138 kV Line Lower 1/2 to 1/5	City of Andrews Andrews County	Lower structures 1/2 to 1/5 to accommodate the new Clearfork - Doghouse 345 kV Line	10/16/2019	10/24/2019		495,649	535,000			0	138	138	0.45	1926 9 ACSS/TW	Concrete Poles	80	0.45	80	na	25 101(c)(5)(B)	
OPT37564 JC/OR	Horseshoe Springs Sw - Owl Hills 138 kV Line Cut In to East Alligator Draw	Orta City Reeves County	Cut In the new Alligator Draw Station utilizing the new structures on the Horseshoe Springs - Chimney Wells POD 138 kV Line	8/30/2019	11/15/2019		1,600,000	1,373,310			10	na	138	18.70	1926 9 kcmil ACSS/TW	Steel Poles	na	na	70	0.30	25 101(c)(5)(A)	Greenfield Project
18T64117 TTKF	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 897 Amps	5/2/2018	8/31/2019	8/31/2019	2,824,332	3,750,952			100	69	138	1.80	795 kcmil 24/7 ACSR "Drake"	Steel Monopoles	Varies	na	Varies	na	25 101(c)(5)(B)	
OPT38852 OER/ON	Wink Switch - Nolores Switch 138 kV Line - Ratcliffe POD (Exxon)	City of Wink Winkler County	This project is to provide two point of deliveries for Exxon Mobil Pipeline Company on the Wink - Nolores 138 kV Line	10/28/2019	11/16/2019		700,000	700,000			0	na	138	0.10	1926 9 kcmil ACSS/TWHS	Steel Poles	na	na	100	0.10	25 101(c)(5)(A)	
OPT37221 OER	Means - Fullerton Switch 138 kV Line Cut In to Establish Blackford Switch	City of Andrews Andrews County	This project is to provide a point of interconnection for the customer's generator (Lapetus Energy Project LLC) at Blackford Sw	9/30/2019	11/8/2019		1,317,334	1,317,334			5	na	138	0.48	959 6 ACSS/TWHS	Steel Poles	na	na	160	0.48	25 101(c)(5)(A)	
OPT38849 MR/OR	Decatur Sub - Bowie Sub 69 kV Line Bennett Road Switch Re-termination	City of Decatur Wise County	Install one deadend structure to re-terminate the Decatur - Bowie 69 kV Line into Bennett Road Switch	10/18/2019	12/1/2019		270,280	317,827			0	69	69	0.03	959 MCM ACSS/TW "Swanwick"	Steel Poles	50	0.11	na	na	25 101(c)(5)(A)	Work being done on Oncor Substation Property
OPT39007 MR/OR	Decatur Sub - Oran Sub 69 kV Line Bennett Road Switch Re-termination	City of Decatur, Wise County	Install one deadend structure to re-terminate the Decatur West Chico - Oran 69 kV Line into Bennett Road Switch	10/16/2019	12/1/2019		235,794	265,931			0	69	69	0.03	959 MCM ACSS/TW "Swanwick"	Steel Poles	50	0.11	na	na	25 101(c)(5)(A)	Work being done on Oncor Substation Property
OPT38088 MR/EH	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	10/16/2019	11/15/2019		1,065,842	1,200,000			0	138	138	0.15	1926 9 MCM ACSS/TW "Cumberland"	Steel Poles	Centennine	0.11	150	0.04	25 101(c)(5)(A)	
OPT38352 MR/BC	Graham Switch - Tonkawa Switch 345 kV Line CMPC Hardening 133/3 & 133/4	Scurry County	Replace structures 133/3 & 133/4 with deadend structures to harden the line	9/10/2019	11/1/2019		795,443	380,000			34	345	345	0.20	2-795 MCM ACSR "Drake"	Lattice Towers	190	0.20	na	na	25 101(c)(5)(B)	

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OPT38380 TT/KF	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 line to be energized	9/18/2019	11/30/2019		1,243,914	2,139,596			5	138	138	5.30	795 kcmil 267' ACSR "Drafter"	Steel Towers Wood H Frames, Concrete H-Frames, and Steel Monopoles	varies	na	varies	na	25 101(c)(5)(B)	
OPT38081 SB	No Trees Switch - Andrews County South Switch 138 kV Line Rebuild	City of Wink, Winkler County	Rebuild the 8.6 miles of single-circuit wood h frames. The final build will utilize double-circuit steel monopoles	1/29/2020	2/29/2020		17,005,546				0	138	138	8.80	1926 kcmil ACSS/TW	Steel and Concrete Poles	50 125	8.80	na	na	25 101(c)(5)(B)	
OPT04123 SB	Forney - Tri Corner Switch 345 kV Line - Double Retermination	City of Forney, City of Seagraves, Dallas County Kaufman County	Reterminate the Forney - Tri Corner 345 kV Line into Tri Corner station	12/1/2019	6/30/2020		232,000				0	345	345	15.00	959.6 kcmil ACSS/TW	Steel Towers	180	15.00	na	na	25 101(c)(5)(A)	
OPT04329 SE/CW	Installation for Canyon Wind POU, 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	1/1/2020	12/31/2020		1,412,752				0	na	138	0.28	859 ACSS/TW "Suwannee"	Steel Monopole Structures	na	na	na	na	25 101(c)(5)(A)	Structure installation is at the request of Canyon Wind
OPT39809 SE/BC	2019 CMPIC Odessa District, Paint Creek Class Grove 138 kV Line	City of Snyder, Scurry County	Modify highway crossing to improve the system reliability	8/20/2019	10/31/2019		606,395	250,400			66	138	na	0.28	636 ACSR "Grosbeak"	Concrete H frame Structures	100	0.28	100	na	25 101(c)(5)(B)	
OPT39804 CW/SB	Yucca - Holl 138 kV Line Raise Structure 101'	Winkler County	Raise structure 101' to add in establishing the Shin Oak POU for Blackboard Operative, LLC	9/23/2019	9/28/2019	6/29/2019	173,157	175,000			100	138	138	0.01	795 ACSR	Steel Poles	75	0.10	na	na	25 101(c)(5)(B)	
OPT39953 BB/DN	Athens Sub - Jacksonville Switch 69 kV Line Retermin Jacksonville Switch	City of Jacksonville, Cherokee County	Determinate and reconfigure Athens Sub - Jacksonville Switch 69 kV transmission line into the rebuilt Jacksonville Switch Station	9/16/2019	11/18/2019		450,000	450,000			5	69	na	0.10	785 kcmil ACSR	Steel or Concrete Poles	50	varies	na	na	25 101(c)(5)(A)	Work is being done on ONCOR property
OPT39956 BB/DN	Jacksonville Plant Sub - Jacksonville Switch 69 kV Line Retermin	City of Jacksonville, Cherokee County	Reterminate the Jacksonville Plant - Jacksonville Tap - Jacksonville Switch 69 kV Line for the rebuild of the Jacksonville Switch Station	9/16/2019	11/18/2019		240,000	240,000			5	69	na	0.10	785 kcmil ACSR	Steel or Concrete Poles	50	na	na	na	25 101(c)(5)(A)	Work is being done on ONCOR property
OPT39963 BB/DN	Jacksonville Plant South-Jacksonville Sw 69 kV Line Retermin Jacksonville Switch	City of Jacksonville, Cherokee County	Reterminate the Jacksonville Plant - Beaumont Street Tap - Jacksonville Switch 69 kV Line for the rebuild of the Jacksonville Switch Station	9/16/2019	11/18/2019		138,748	138,748			5	69	na	0.10	795 kcmil ACSR	Steel or Concrete Poles	50	0.20	na	na	25 101(c)(5)(A)	Work is being done on ONCOR property
17765086 BB/KF	Cofin Sw - Payne Sw 138 kV Line (Redbud) POU Line Retermin	City of Prosper, Grayson County	Build a Point of Interconnect to Brazos Electric's Redbud Substation on the Cofin Switch - Stone Creek Switch 138 kV Line	9/23/2019	10/31/2019		905,000	905,000			34	138	na	0.20	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	100	0.20	na	na	25 101(c)(5)(A)	
OPT38421 BB/DN	Central Bluff Sw - Holsten Solar 1 Sw 345 kV Line Construct transmission line for connection Holsten Solar	City of Sweetwater, Nolan County	Install a 345 kV point of interconnection (POI) for customer's generator (Holsten Solar I) at Central Bluff Switch	9/23/2019	10/31/2019		580,000	650,000			1	345	na	0.20	795 kcmil ACSR	Steel or Concrete Poles	150	0.10	na	na	25 101(c)(5)(A)	Work is being done on ONCOR property
OPT37440 BB/DN	Jacksonville Switch - Troup 69 kV Line Reterminate and Reconfigure for Jacksonville Switch Rebuild	City of Jacksonville, Cherokee County	Utilize the existing Jacksonville Sw Sta - Structure 509 69 kV double circuit line section to operate the Jacksonville Sw Sta - Athens 69 kV Line and Jacksonville Sw Sta - Troup 69 kV Line as a continuous circuit. Disconnect the Jacksonville Tap - Structure 509 69 kV line section and establish a Jacksonville Sw Sta - Carey Lake Tap - Jacksonville SES 69 kV Line. Reterminate the transmission line into the rebuilt Jacksonville Switch Station. Upgrade all line terminal and associated equipment to meet or exceed 2000 A	10/21/2019	11/30/2019		405,000	425,000			0	69	na	0.20	795 kcmil ACSR	Steel or Concrete Poles	50	0.20	na	na	25 101(c)(5)(A)	Work is being done on ONCOR property
OPT38450 AB	Kirkland Park Sub - TI Sub 138 kV Line Replace 20 EHS 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	4/22/2020	5/15/2020		514,856				0	138	na	2.10	OPGW	Steel Monopoles	100	2.10	na	na	25 101(c)(5)(A)	
OPT39714 JQ/KD	Norhaven Switch Renner Switch 138 kV Rebuild Alpha Rd - Knoll Ttl	City of Dallas, Dallas County	Rebuild the 2.25 mile Alpha Road Knoll Trail 138 kV double-circuit line using a conductor rated for 2568A or greater	11/1/2019	1/31/2020		6,606,401	6,650,000			0	138	138	4.50	1926.9 kcmil ACSS/TW	Steel Poles	100	2.25	na	na	25 101(c)(5)(B)	The original project was Norhaven Renner (16165090) and it was split so that we now have Norhaven-Alpha Road & Knoll Trail Preston Road North (16165136), Preston Road North-Renner (16165090), and Alpha Road-Knoll Trail (OPT39714). The WA that should now be associated with this project on the PUC Report is OPT39714
OPT39796 CB/DN	Cedar Hill Switch - Camp Wisdom 138 kV Line Replace SW T 1005	City of Dallas, Dallas County	Repair structure T 1005 on the Camp Wisdom Road - Cedar Hill Switch 138 kV line. The damaged structure will be repaired using a field welded steel support sleeve	7/30/2019	7/31/2019	7/31/2019	87,845	34,664			100	138	138	0.10	972 kcmil ACAR	Steel Pole	na	na	na	na	25 101(c)(5)(B)	Original project was to replace structure T 1005. Updated scope is to repair the structure using a field welded steel support sleeve
OPT40067 SPIEH	NTUSU Tule Canyon Switch - Albalas Switch 345 kV Line Storm Restoration	City of Lubbock	Replace broken OPGW damaged by lightning strikes	6/18/2018	6/20/2018	6/20/2018	250,476	250,476			100	345	na	0.20	1926.9 kcmil ACSS/TW	Steel Towers	175	0.22	na	na	25 101(c)(3)	Emergency Restoration
OPT37558 OER/UF0	Pok St Terminal - Pok St 138 kV Line Terminations Replacement	City of Dallas, Dallas County	Replace existing terminations at Pok St Sub and Pok Terminal	10/16/2019	11/2/2019		690,000	690,000			0	138	na	na	600 kcmil Cu Phelps Dodge Cable	Underground Transmission Line	na	na	na	na	25 101(c)(5)(B)	
OPT38283 OER/UF0	Edgemere Sub - Bandera Sub 138 kV Line Terminations Replacement	City of Dallas, Dallas County	Replace existing terminations at Edgemere Terminal and Bandera Sub	10/26/2019	11/10/2019		690,000	690,000			0	138	na	na	900 kcmil Alu Okonite Cable	Underground Transmission Line	na	na	na	na	25 101(c)(5)(B)	
OPT40192 KC/CCL	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	3/1/2020		590,033				0	na	345	0.30	988.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(A)	
OPT38448 AW/DD	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 Sub - Gainesville Sub 138 kV Line at the Ray Roberts Switch	9/15/2020	11/13/2020		1,015,306				0	138	138	0.30	1926.9 kcmil ACSS/TW	Steel Poles	100	0.30	na	na	25 101(c)(5)(A)	
OPT37229 DN/BC	Riohatche Switch - Saginaw Switch 138 kV Line Reterminate to Deen Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Riohatche/Eules) 138 kV line connecting to new Deen Sw	11/4/2019	5/15/2020		958,558	958,558			0	138	138	0.10	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Below grade construction to start 10/1/2019, above grade construction to start 1/3/2020
OPT37237 DN/BC	Handley Switch - Saginaw Switch 138 kV Line Reterminate to Deen Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Handley) 138 kV line connecting to new Deen Sw	11/4/2019	5/15/2020		943,604	943,604			0	138	138	0.10	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Below grade construction to start 10/1/2019, above grade construction to start 1/3/2020
OPT37236 DN/BC	Hicks Switch - Saginaw Switch 138 kV Line Reterminate to Deen Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Hicks) 138 kV line connecting to new Deen Sw	11/4/2019	5/15/2020		1,387,626	1,387,627			0	138	138	0.30	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Below grade construction to start 10/1/2019, above grade construction to start 1/3/2020
OPT37238 DN/BC	Eagle Mountain Switch - Saginaw Switch 138 kV Line Reterminate to Deen Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (Eagle Mt) 138 kV line connecting to new Deen Sw	11/4/2019	5/15/2020		1,387,626	1,387,627			0	138	138	0.30	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Below grade construction to start 10/1/2019, above grade construction to start 1/3/2020
OPT37235 DN/BC	North Main Switch - Saginaw Switch 138 kV Line Reterminate to Deen Switch	City of Fort Worth, Tarrant County	Retermination of double-circuit (N Main) 138 kV line connecting to new Deen Sw	11/4/2019	5/8/2020		810,689	810,689			0	138	138	0.20	2-959.6 kcmil ACSS/TW	Steel Poles	na	na	na	na	25 101(c)(5)(B)	Below grade construction to start 10/1/2019, above grade construction to start 1/3/2020

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OPT36778 JM/EA	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.	1/27/2020	4/17/2020						0	345	345	0.25	2-959.6 kcmil ACSS/TW	Steel Towers	170	na	370	0.25	25.101(c)(5)(A)	
OPT38200 CL/MP	Carrollton East - Renner/Norhaven 138 kV Line: Rebuild Farmers Branch Gills - Structure T306A	City of Farmers Branch, Tarrant County	Rebuild the 1.3 mile section of the Carrollton East - Renner/Norhaven Sw 138 kV Line from Farmers Branch Gills - Structure T306A using conductor greater than 1926A. Rebuild will end at structure T306A which is where the two circuits split to Renner and Norhaven respectively.	11/10/2019	5/15/2020						0	138	na	1.30	1926.9 kcmil ACSS/TW	Steel Poles	100	1.30	na	na	25.101(c)(5)(B)	
OPT38236 PO/EA	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	11/1/2019	5/15/2020		12,773,383	12,773,383			0	138	138	7.60	1926.9 kcmil ACSS/TW	Steel Poles	100	7.60	na	na	25.101(c)(5)(B)	Early start in November for foundations
OPT40107 PO/EA	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	9/15/2020	12/31/2020						0	138	138	2.20	1926.9 kcmil ACSS/TW	Steel Poles	100	2.20	na	na	25.101(c)(5)(B)	
OPT38347 CC/RS	Stephenville Switch - Comanche Switch 138 kV Line: Cmpc H-frame Replacement	City of Comanche, Comanche County	This is a potential 2019 CMPC Corrosion and Erosion project. Background: A seasonal creek has eroded approx. 5' of soil around one of the legs of the wooden h-frame 10/2 to where it is now exposed significantly. This scope and estimate includes the cost of replacing the wooden h-frame with a more durable h-frame and contains a lot of access dollars due to its location.	10/7/2019	11/1/2019		521,762				25	138	138	0.20	636 ACSR	Steel Poles	100	0.20	na	na	25.101(c)(3)	Emergency work to replace structure near Walnut Creek due to severe erosion.
OPT38497 DD/AB	Lake Creek (east) Switch - Tradinghouse Switch 345 kV Line: Cmpc Erosion Control	City of Waco, McLennan County	This is a CMPC Erosion project to be completed in 2019. Tower foundations on either side of the crossing have been eroded and exposed. We will be reinforcing tower foundations to ensure a safe crossing.	10/31/2019	11/23/2019			1,000,000			0	345	345	0.50	795 kcmil ACSR	DC Tangent Lattice	100	0.50	na	na	25.101(c)(5)(B)	No construction on structures. Will only involve foundation reinforcement.
OPT38397 CW/IM	Wink Switch - Cuberson 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 - Cuberson 138 kV transmission line. The point of delivery will be located in the Mason - Screbean line section.	10/31/2019	11/22/2019			1,574,155			0	138	na	0.35	959.6 ACSS/TW	Steel Poles/ H-frame Switch	50	na	70	0.32	25.101(c)(5)(A)	
OPT39077 CW/IM	Valley Switch - Paris Switch 138 kV Line: Allens Creek POI for Rayburn Lower Box d'Arc Water Pump Station	Fannin County	Establish a point of interconnection to Rayburn Country Electric Cooperative's Lower Box d'Arc Creek Water Pump Station on the Valley - Paris 138 kV transmission line.	11/1/2019	2/1/2020			1,271,785			0	138	na	0.40	959.6 ACSS/TW	Steel Poles/ H-frame Switch	100	na	75	0.04	25.101(c)(5)(A)	
OPT39500 CC/RS	Seagoville Switch - Crandall Sub 138 kV Line: Cmpc Erosion Relocation	City of Seagoville, Dallas County	This project is a 2019 CMPC Corrosion/Erosion project. Structure 126 is a hybrid pole no located in the Trinity River due to severe erosion.	11/30/2019	11/22/2019			1,011,727			0	138	138	0.20	795 ACSR	Steel Poles	100	0.20	100	0.20	25.101(c)(5)(B)	Emergency work to replace two structures near the Trinity due to severe erosion, increased access charges.
18T62019 BMC/BB	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.	1/6/2020	6/30/2020						0	69/138	138	3.70	959.6 kcmil ACSS/TW	Steel Poles	Varies	3.70	na	na	25.101(c)(5)(B)	
18T62020 BMC/BB	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.	1/6/2020	6/30/2020						0	69/138	138	3.70	959.6 kcmil ACSS/TW	Steel Poles	Varies	3.70	na	na	25.101(c)(5)(B)	
OPT40145 DN	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 1145A, high temperature operation.	11/15/2019	6/1/2020			1,007,917			0	138	138	31.42	795 kcmil ACSR	Wood H-Frames	50	31.40	na	na	25.101(c)(5)(B)	
OPT40963 BB	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.	12/1/2019	12/31/2019						0	69	na	0.10	300 kcmil ACSR	Concrete H-Frames	Varies	na	na	na	25.101(c)(5)(B)	
OPT38115 GD	Lewisville Switch (Brazeos) - Lakeland Switch (THMP) Sub 138 kV Line: Reconnector	City of Lewisville, Denton County	Upgrade 5.3 miles of the Lewisville Switch (BEC) - Lakespointe (THMP) 138 kV Line using conductor 959.6 MCM ACSS "Savannah" with E3K coating designed to operate at 1996 Amps and 200C. The existing 3/8" EHS shield wire will be replaced with 0.548" OD 48 count OPGW. Upgrade all line terminal and associated equipment to meet or exceed 1996 A.	12/31/2019	5/15/2020						55	138	na	5.30	959.6 kcmil ACSS/TW	Steel Towers	Varies	5.30	na	na	25.101(c)(5)(A)	
OPT39974 JM/CW	SL Permiff - Ringo 138kV Line: Stager Lake POD	Reagan County	Provide a 138 kV point-of-delivery (POD) for Sherrod on the Permiff - Ringo 138 kV line. The POD will be located approximately 1.8 miles east of the Permiff substation.	2/3/2020	5/15/2020						0	138	na	0.90	959.6 ACSS/TW	Steel Poles	na	na	105	0.50	25.101(c)(5)(A)	
OPT39620 JM/UO	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.	2/1/2020	6/30/2020						0	138	na	0.90	1926.9 ACSS/TW	Steel Poles	na	na	70	0.90	25.101(c)(5)(A)	
OPT40458 JM/CW	Ringgold Magnolia Tap - Beaver Creek Tap 69 kV Line: Install Barrel Springs (Creek) POI	Clay County	Provide a 138 kV point-of-interconnect (POI) for THMP's Onnek 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.	2/3/2020	5/15/2020						0	69	na	0.50	1/0 ACSR, 959.6 ACSS/TW	Steel Poles	na	na	100	0.50	25.101(c)(5)(A)	
OPT39894 CW/IM	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.	11/30/2019	3/1/2020						0	138	na	0.29	1926.9 ACSS/TW/HS	Steel Poles/ H-frame Switch	75	na	70	0.29	25.101(c)(5)(A)	
OPT40457 JM/CW	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.	1/6/2020	5/15/2020						0	138	138	0.30	1-1926.9 kcmil ACSS/TW	Steel Monopoles	70	na	70	0.30	25.101(c)(5)(A)	
OPT39509 CZ/BB	Venus Switch-Sards 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	12/6/2019	12/17/2019						0	138	na	0.02	795 kcmil ACSR	Concrete H-Frame	50	0.02	na	na	25.101(c)(5)(D)	This is a 100% reimbursable project by Methodist Hospital of Dallas

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OPT39916 C/DN	McDonald Road-Big Spring Switch 138 kV Line Loop into Hill Crest Sub	City of Big Springs Howard County	Reconfigure McDonald Road Big Springs Switch 138 kV line to loop into new Hill Crest Sub	12/15/2019	3/1/2020						0	138	na	0.02	1956 9 ACSS/TW	Steel DE Monopoles	100	0.50	na	na	25.83(a)(3)	
OPT40226 C/DN	Big Spring Switch Chalk 69 kV line Modify Line for Hill Crest Sub	City of Big Springs Howard County	Reconfigure Big Spring Switch-Chalk 69 kV Line to support the establishment of the new Hill Crest	12/15/2019	3/1/2020						0	69	na	0.02	1956 9 ACSS/TW	Steel DE 3 poles	100	0.50	na	na	25.101(c)(5)(A)	
Station																						
OPT39073	Allens Creek POI Establish 138 kV Point of Interconnection	Fannin County	Allens Creek POI Establish 138 kV Point of Interconnection for Trayburn Interconnect, located in the Valley Pans Sw line	12/2/2019	2/1/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37562	Alligator Draw Sub Establish station with two transformers and two feeder breakers	City of Orla/Cuberson 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	9/16/2019	12/13/2019		5,725,089				15	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40140	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 8.6 mile No Trees Sw Sta - Andrews County South Sw Sta 138 kV Line	8/26/2019	12/13/2019		4,699,579				10	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT10033	Azie Sub Install the third transformer with one feeder breaker	City of Azle/Tarrant County	Azie Sub Install the third transformer with one feeder breaker	1/18/2020	3/21/2020						0	138/249	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37352	Barstow Northwest Sub Install Transformer #3 w/ two 21.6 kV feeder breakers and three feeder lines	City of Odessa/Ector County	Install Transformer with two feeder breakers and three feeder lines	8/12/2019	11/15/2019		2,889,092				30	138/216	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38409	Battalion POD (Fort Hood East POD) Establish a POD for Fort Hood East Substation to be constructed on the Fort Hood Army Base	Fort Hood Army Base	Establish a POD to serve the Fort Hood Army Base to provide a 138 kV point of delivery (POD) from Company's Kileen Fort Hood Switch - Kileen Switch 138 kV transmission line	5/30/2019	8/21/2019	8/21/2019	1,167,050				100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38971	Bonbrook Sub Create a loop in loop out, install FID's and install new Sub IV 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	12/15/2019		2,399,766				10	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37383	Bonnett Road Switch Establish 69 kV ring bus	City of Decatur/Wise County	Relocate the 138/69 kV from Decatur Switch by establishing a 69 kV yard at Bonnett Road Switch Install two (2) Circuit Breakers to Bonvia and Crum Expand the three Circuit Breaker 138 kV ring bus arrangement to a four Circuit Breaker ring bus arrangement	6/10/2019	12/15/2019		2,192,034				70	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT14157	Bird Nest Sub formerly (Pflugerville South Substation)	City of Pflugerville/Texas wis	Establish Substation with one Transformer and Two Feeder Breakers	3/1/2019	11/23/2019		3,943,117				3	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37341	Blackbird Switch Establish Station	City of Odessa/Andrews County	Establish station with a 3-breaker 138 kV ring bus arrangement to install a 138 kV point of interconnection (POI) for customer's generator. The POI will be located on the Andrews North Sw Sta Fullerton Sw Sta 138 kV Line	8/6/2019	11/8/2019		4,169,655				50	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38719	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 - Palesine South Switch 138 kV Line, approximately 17.2 miles south of Elktion Switch	5/27/2019	11/4/2019		3,510,836				40	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37445	Blackland POD Station Demolition	Fate/Rockwall County	Remove Oncor owned equipment and structures from the Blackland POD	1/14/2020	4/1/2020		253,046				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65108	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	10/1/2018	10/31/2019		5,527,820				97	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT14155	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	11/1/2019	3/15/2020		4,763,870				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38284	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-Cuberson 138 kV Double-circuit Line	11/8/2019	12/20/2019						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT14106	Bowman Switch 138 kV Line Terminal Additions	City of Wichita Falls/Tarrant County	Install two circuit breakers. Move the existing Bowman - Lake Wichita 138 kV Line termination at Bowman from bus B to bus A	6/1/2019	10/26/2019		2,088,435				90	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40126	Breilyn Sub (Coahoma West Sub) Establish substation	City of Coahoma/Houston County	Establish Substation with a one transformer with two Feeder Breakers	11/15/2019	5/31/2020		4,040,613				0	138/216	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38723	Canton Tap Switch Canton Tap 138 kV Switching Station Point of Interconnection	City of Canton/Van Zandt County	Establish a line terminal to connect Glenn Pine 138 kV Line Upgrade and reconfigure all line terminal and associated equipment at Canton Tap Sw Sta to provide a 138 kV point of interconnection	9/3/2019	10/26/2019		500,458				35	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39366	Canton Tap Switch Modify Tyler Switch Line Relaying	City of Forney/Kaufman County	Modify relaying for ring bus terminal at Tyler Switch	6/15/2020	9/19/2020						0	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	10/16/2019	12/15/2019		597,449				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65033	Carrollton NW Sub Upgrade 138 kV Woodward & Lakeshore Lines	City of Carrollton, Denton County	Upgrade all terminal and associated equipment as a part of upgrading the NW Carrollton - Woodward Sw Sta 138 kV Double circuit line	11/15/2018	12/17/2018	12/17/2018	435,226				100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Associated with line project, substation is expected to be placed in service 06/2020
18T65029	Cedar Crest Switch Upgrade Industrial line and replace bus off panels	City of Dallas, Dallas County	Upgrade all line terminal and associated equipment to meet or exceed 2000 A	12/3/2018	12/14/2018		407,403				100	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	Awaiting associated line work to energize
18T65018	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	12/15/2019		1,676,074				10	138	na	na	na	na	na	na	na	na	25.83(a)(3)	

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OPT38420	Central Bluff Switch. Install 345 kV breaker to provide Generator with one Point of Interconnection from a 345 kV breaker and a half arrangement	City of Blackwell Nolan County	Install 345 kV breaker to provide Generator with one Point of Interconnection from a 345 kV breaker and a half arrangement	9/23/2019	11/1/2019			1,771,933			20	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37566	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	10/16/2019	11/1/2019			921,245			0	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	2/25/2019	11/27/2019			1,243,074			60	138/249	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04000	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	1/13/2020	4/15/2020						0	345/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38490	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	6/1/2020	12/20/2020						0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38434	Comanche Peak 345 kV Upgrade Everman to double breaker double bus	City of Glen Rose Somervell County	Install a new 345 kV breaker and breaker disconnect switch for the Everman line to make the bay double breaker, double bus	12/4/2019	1/14/2020			1,340,589			0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
17T65036	Crown Road Sub. Upgrade 138 kV line terminals	City of Dallas Dallas County	Upgrade all terminal and associated equipment to a part of upgrading the NW Carrollton Norwood Switch 138 kV double-circuit line	11/15/2019	11/1/2019			264,870			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04066	Deen Switch. Establish Station to Replace Sagraw 138 kV Switch	City of Fort Worth Tarrant County	Establish Deen Switch station by installing thirteen 138 kV circuit breakers in a breaker-and-a-half arrangement	12/2/2019	5/15/2020			15,912,850			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38912	Dollards 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	1/6/2020	1/30/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37283	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	8/16/2019	12/30/2019			5,906,786			53	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38578	Dunn POD. Provide a 138 kV point of delivery (POD)	City of Colorado City Mitchell County	Establish Dunn POD for customer owned stations for a 138 kV point of delivery, on the China Grove - Radium 138 kV Line	7/29/2019	8/24/2019	9/19/2019		551,660			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04035	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	1/6/2020	3/14/2020						0	138/69	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39276	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	12/1/2019	6/30/2020						0	138/249	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38216	Fisher Road Switch. Replace 138 kV circuit breaker	City of Wichita Falls Tarrant County	Replace 138 kV circuit breaker	10/24/2019	11/4/2019			216,992			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38725	Forest Grove Switch. Terminal Upgrade	City of Malachi Harrison County	Upgrade all line terminal and associated equipment to meet or exceed 2000 A	11/1/2019	11/15/2019			344,369			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT03958	Goddard Sub. Upgrade Line Terminal to 2000 A and install FIDs on transformer #1 and #2	City of Odessa Midland County	Upgrade line terminal and associated equipment as part of the upgrade of Midland County Northwest Sw. Sta. Midland East Sw. Sta. 138 kV Double-circuit Line. Install FIDs on transformer #1 and #2	10/16/2019	12/31/2019			1,444,304			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38341	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	2/19/2020	3/5/2020			187,469			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38386	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	1/6/2020	3/14/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04067	Hicks Switch. 13.8 kV Reactor Installation	City of Fort Worth Tarrant County	Install 13.8 kV tertiary shunt reactors on Autotransformer #2 and installation of AC service to the new microwave center	2/28/2019	9/13/2019	9/13/2019		1,016,416			100	14	na	0.30	na	na	na	na	na	na	25.83(a)(3)	
OPT04106	Holiday Sub. 69 kV Terminal Upgrade to 138 kV	City of Holiday Archer County	Upgrade the 69 kV Lake Wichita line terminal to 138 kV	5/23/2019	10/30/2019			3,456,242			90	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38362	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	5/22/2019	10/16/2019			1,477,518			95	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37618	Horsehead Draw Sub (formerly Mentone Southwest Sub). Establish one Substation Transformer and three feeder breakers	City of Odessa Ector County	Establish station with one Transformer and three feeder breakers	3/18/2019	11/1/2019			4,043,063			95	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	6/3/2019	12/15/2019			5,421,782			60	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37436	Jacksonville Switch. Upgrade and reconfigure the existing station in a 5-breaker 69 kV single-bus arrangement	City of Jacksonville Ochiltree County	Upgrade and reconfigure the existing station by installing five 69 kV circuit breakers in single bus arrangement. Remove the Single Phase Auto Transformers	6/25/2019	11/15/2019			5,034,419			30	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	

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OPT37311	Kemp Ranch Switch (New 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 POI for customer owned stations by constructing a 138 kV switching station in a breaker and a half bus arrangement	2/18/2019	10/30/2019		11,506,348				95	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38411	Killeen Park Street Sub Install three sectionalizing switches in loop line	City of Killeen/ Tarrant County	Install three sectionalizing switches and loop line into station to as a part of establishing a 138 kV point of interconnection (POI)	11/16/2019	12/14/2019		191,851				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38360	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	12/15/2019		7,198,857				15	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04107	Lake Wichita Switch 69 kV Line Terminal Upgrade to 138 kV	City of Wichita Falls/ Tarrant County	Install one 138 kV circuit breaker on the 138 kV bus Remove 69 kV bus and associated equipment	7/22/2019	12/20/2019		1,140,802				75	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65010	Les Colinas Sub Upgrade 138 kV line terminals	City of Dallas/ Dallas County	Upgrade all terminal and associated equipment to meet or exceed 2000 A as a part of upgrading the NW Carrollton Norwood Switch 138 kV Double-circuit line	1/15/2020	2/1/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38367	Largo (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. Sub 138 kV Line	8/19/2019	12/15/2019		880,751				15	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
17T65009	Luggett 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. Luggett 138 kV line	1/10/2018	2/28/2020		1,830,734				50	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04389	Mankin Switch Establish Station for POI	City of Tarrant/ Clay/ Henderson County	Establish a 138 kV Point of Interconnection located in the Mankin Sw. Sta. Kaufman Northwest 138 kV line by constructing the Mankin 138 kV POI with a 3 breaker 138 kV ring bus arrangement	4/1/2019	11/15/2019		533,268				5	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
16T64009	Many Avenue Substation Install one transformer and two feeder breakers	City of Waco/McLennan County	Establish station with one transformer and two feeder breakers	1/6/2020	8/1/2021						0	138/175	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38220	Montfort Switch Replace 138 kV circuit breaker	Corsicana/ Navarro County	Replace three 138 kV circuit breakers	11/1/2019	11/27/2019		699,414				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38134	McDonald Road Switch Establish line terminal	City of Big Springs/Howard County	Install one 3200 A, 138 kV circuit breaker in a ring bus arrangement as a part of converting the McDonald Road Switch - Garden City Substation 69 kV Line Section to 138 kV operation	7/15/2019	10/16/2019		1,067,714				99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38218	Navarro Sub Replace two 138 kV circuit breakers	Corsicana/ Navarro County	Replace two 138 kV circuit breakers	9/18/2019	9/28/2019	9/28/2019	310,041				100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37587	Nelson Switch Install a 138 kV POI	City of Odessa/ Andrews County	Install a 138 kV POI on the Andrews County South Sw Sta. Fullerton Sw. Sta. 138 kV Line by installing three 138 kV circuit breakers in a ring bus configuration	8/16/2019	11/15/2019		4,329,713				10	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
16T62037	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	11/25/2019	3/14/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01788	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	2/4/2019	5/15/2020		286,343				80	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65027	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	2/23/2019	11/30/2019		2,500,000				75	345/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65039	Norwood Switch, Modify 345/138 auto #1 relay protection	City of Irving/Dallas County	Modify 345/138 auto #1 relay protection	3/7/2019	3/22/2019	3/25/2019	295,008				100	345/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37340	Odessa EHV Switch Install security measures	City of Odessa/ Midland County	Install security measures at switching station	11/1/2019	12/15/2019		2,102,168				0	345/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38518	Odessa EHV 345 kV Line Terminal Addition	City of Odessa/ Ector County	Install two, 345 kV circuit breakers to establish line terminal to create the new Odessa EHV Switch - Wolf Switch 345 kV Line as a part of adding a second circuit to the existing Moss Switch - Odessa EHV Switch	9/3/2019	5/15/2020		3,640,838				25	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04005	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	10/16/2019		518,029				98	69	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04138	Owl Hills Sub Establish Substation with two Transformers and four Feeder Breakers	City of Odessa/ Ector County	Establish Substation with two Transformers and four Feeder Breakers	5/13/2019	10/16/2019		5,235,119				99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39370	Palentine 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	10/15/2019	10/21/2019		116,126				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
16T62052	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	11/2/2019	12/31/2019		6,028,913				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65075	Parkdale Switch Replace two 138 kV bus differentials and replace 138 kV	City of Dallas/ Dallas County	Upgrade 138 kV bus protection to provide redundancy for three phase faults and replace 138 kV circuit breaker	11/1/2019	12/1/2019		678,303				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65175	Proline (Redbud) 138 kV POI	City of Prosper/ Collin County	Install three motor operated SCADA control 138 kV line sectionalizing switches	6/24/2019	11/15/2019		1,228,516				70	138	na	na	na	na	na	na	na	na	25.83(a)(3)	

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OPT04087	Quarry Field Switch (formerly Kyle Ranch Sw Sta.)	City of Montevallo, G County	Establish the switching station by installing eight 138 kV circuit breakers in a breaker and a half bus arrangement in the Riverston - Wink 138 kV Double Circuit Line. This project will also include the installation of terminal equipment for two 138 kV PODs for customer owned stations.	6/30/2019	10/16/2019			12,580,046			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38606	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.	7/22/2019	12/13/2019			716,265			45	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04062	Ranger Sub. 69 kV emergency capacitors	City of Ranger, Eastland County	Install one bank of 69 kV transmission capacitors and associated terminal equipment.	2/26/2019	10/31/2019			2,077,310			85	69/138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38072	Red Lakes Switch - Establish station a 3-breaker 138 kV ring bus arrangement.	City of Odessa/Ector County	Establish station with a 3-breaker 138 kV ring bus arrangement for interconnection generation interconnection.	8/15/2019	11/8/2019			4,213,265			50	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39224	Richardson Spring Creek Install 4th Transformer and Two Feeder Breakers	City of Dallas/Dallas County	Install 4th Transformer and Two Feeder Breakers	11/18/2019	2/29/2020						0	138/12.5	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04008	Riverton Switch - Install 138 kV Line Terminal for 138 kV Sand Lake Switch Line	City of Winkler County	Install one 138 kV circuit breaker and associated switches, CVTs, arresters, relaying in Ring 43 as a part of constructing the new Riverton Sw Sta. Sand Lake Sw Sta. 138 kV Line.	5/6/2019	9/30/2019	9/30/2019		2,000,000			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37647	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.	5/15/2019	12/20/2019			33,058,594			60	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04026	Rough Creek Sub. Establish 138 12.5 kV Station	Scurry County	Convert the station to operate at 138 kV by replacing the existing substation with a two transformer station.	1/2/2020	4/18/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01720	Royce Switch - 138 kV Forney line terminal upgrade	City of Royce City/Rockwall County	Upgrade all terminal and associated equipment as a part of upgrading the Forney Switching Station Royce Switching Station 138 kV Line.	2/25/2019	12/15/2019			527,217			89	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01664	Sand Lake (Previously Mentioned) 138 kV Switching Station	City of Odessa/Ector County	Establish the Sw Sta. by installing eight 3200 A, and 138 kV circuit breakers in a breaker and a half bus arrangement.	2/11/2019	7/28/2019	7/23/2019		8,468,049			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04308	Screwbean Sub. Install Second Transformer and Two Feeders	City of Salt Flat/Hudspeth County	Install Screwbean Substation Transformer #2, one transformer and two feeder breakers.	5/6/2019	11/15/2019			3,504,267			99	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65019	Seagoville Switch - Replace Seagoville Switch - Replace 345 kV bus and 138 kV bus protective relaying.	City of Seagoville/Dallas County	Upgrade protective relaying at 345 kV and 138 kV Switching Stations. Replace failed Reactor on Reactor Bank #1.	4/8/2019	12/15/2019			1,600,000			65	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38854	Shin Oak 138 kV POD - Establish Point of Delivery	City of Winkler County	Establish a 138 kV POD for customer owned station on the Yucca Switch Moss Switch 138 kV Line.	10/21/2019	12/20/2019			614,379			0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04142	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.	4/8/2019	10/6/2019	10/6/2019		4,600,000			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T62062	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	7/19/2019	7/19/2019		412,200			100	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04398	Thorntonville Sub. Install one transformer and two Feeder	City of Monahans/Ward County	Establish substation by installing Transformer #1, one transformer, and two feeder breakers.	7/15/2019	10/16/2019			4,083,202			97	138/69	na	na	na	na	na	na	na	na	25.83(a)(3)	
18T65002	Ti Dallas Sub. Terminal upgrade for Coal Road line (West 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 replacing the existing HPFF underground conductor with two new XLPE underground conductors.	9/23/2019	11/15/2019			946,042			10	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT37764	Ti Dallas Sub - Terminal upgrade for Kirkland 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.	1/1/2020	4/15/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04051	Tri Corner Switch - 345 kV Ring 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	1/3/2020			2,186,398			47	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04054	Trinidad Switch - Terminal upgrade	City of Trinidad/Henderson County	Upgrade line terminal as a part of the Tri Corner Switching Station Watermill Switching Station 345 kV line upgrade to 3200 A, and modify relaying for the new Tri Corner Sw Line terminal.	2/11/2019	12/14/2019			367,681			99	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38928	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 POD for customers generator.	12/2/2019	3/13/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
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.	10/28/2019	6/30/2020			7,116,366			0	89/12.5	138/12.5	na	na	na	na	na	na	na	25.83(a)(3)	
18T65023	Venus Switch - Bus and auto relay upgrades	City of Venus/Ellis County	Upgrade North and South 345 kV bus protection and add three 345 kV circuit breakers.	8/19/2019	12/15/2019			2,808,705			20	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04069	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 McKay Tap by installing twelve 3200 A 138 kV circuit breakers in a breaker-and-a-half arrangement.	6/21/2019	12/31/2019			10,349,114			30	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04053	Watermill Switch - Line Terminal Upgrade and Replace 138 kV circuit breaker	City of Lancaster/Dallas County	Upgrade line terminal as a part of the reconductor of Tri Corner Switching Station Watermill Switching Station 345 kV. Replace 138 kV circuit breaker.	2/11/2019	1/31/2020			720,044			67	345/138	na	na	na	na	na	na	na	na	25.83(a)(3)	

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OPT38201	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	6/1/2020	9/1/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04289	Weston Substation: Establish one substation transformer and two feeder breakers	City of McKinney/Dallas County	Establish one substation transformer and two feeder breakers	11/1/2019	4/15/2020		4,667,449				0	138/24.9	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39591	Willow Wells Sub: Install one transformer and two feeder breakers	Odessa County	Install one transformer and two feeder breakers	1/6/2020	2/6/2020						0	138/21.6	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38773	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.	10/16/2019	5/2/2020			20,150,000			0	138	345/138	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38646	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	12/18/2019	2/15/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39579	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	12/19/2019	2/29/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39819	Dog House Switch : Establish 345kV Switching Station	City of Andrews, Andrews County	Establish the Dog House Switch that will provide a POI in Andrews County and the existing Clear Fork 345 kV Switch.	11/22/2019	2/15/2020						0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38704	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/GOVT's.	10/31/2019	11/23/2019						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38948	Nisus Clearfork Switch : Establish 345 kV Line Terminal To Dog House	City of Andrews, Andrews County	Establish one 345 kV, 3000A circuit breaker at Clearfork Switch and all terminal and associated equipment.	10/31/2019	4/1/2020		2,721,164				0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38269	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	11/20/2019	2/29/2020						0	138/22	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39945	Decatur Switch : Demo 69 Kv Station	City of Decatur, Wise County	Demolition of the 69kV yard at Decatur.	9/16/2019	11/30/2019		449,459				10	138/69	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38585	Howden POD : Provide A 138 Kv (POD)	City of Big Springs, Howard County	Install motor operate Scada control on three 138 kV 3200 A line sectionalizing switches and provide customer revenue metering as a part of installing a 138 kV (POD) on the Buzzard Draw - Gunsight 138 kV Line.	10/31/2019	11/30/2019		563,897				0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39746	Allen Switch : Security Updates	City of Plano, Denton County	Security Updates	12/1/2019	1/29/2020						0	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39900	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 EHV Switch 138 kV Double-Circuit Line. Install motor operated SCADA control on three 138 kV 3200 A line sectionalizing switches, provide customer revenue metering.	12/1/2019	4/15/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38273	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.	12/1/2019	1/29/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04046	Centerville 145 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.	1/10/2020	5/15/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39416	Cloverdale POD: Provide a (POD)	City of Midland, Midland County	Install motor operate Scada control on three 138 kV 2000 A line sectionalizing switches, and provide customer revenue metering as a part of installing a 138 kV (POD) on the Midland East Spraberry Switch 138 kV Line.	12/1/2019	1/29/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
17765011	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 the 138 kV line. Includes replacing high side switches on both transformers and adding FIDs to both transformers.	12/1/2019	1/29/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39275	Dooley Sub : Replace one transformer	City of Monahans, Ward County	Rebuild existing Northward Sub with one transformer and establish new Dooley Sub with one transformer	12/1/2019	5/15/2020						0	69	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38449	East Network Sub : Relay work to support the new terminal at Sargent Rd	City of Dallas, Dallas County	Add dual SEL-421 relays and communications in the underground switchgear for the low voltage tolling breakers.	12/1/2019	2/29/2020						0	na	na	na	na	na	na	na	na	na	25.83(a)(3)	
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.	9/14/2020	12/15/2020						0	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	12/1/2019	1/29/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39466	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.	12/1/2019	2/29/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39759	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.	12/1/2019	2/29/2020						0	138/245	na	na	na	na	na	na	na	na	25.83(a)(3)	

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17765187	Industrial Blvd Switching Station 138 kV Cedar Crest Line Terminal Upgrade	City of Dallas, Dallas County	Upgrade all line terminal and associated equipment to meet or exceed 2000 A.	12/1/2019	2/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39278	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	12/1/2019	4/9/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39895	Kelton Windmill POD: Establish POD	City of Odessa, Ector County	Provide a 138 kV (POD) on the east circuit of the McKee 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.	12/1/2019	4/15/2020						0	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 - Caburne 138 kV Line into station.	12/1/2019	1/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04144	Kyle Ranch: Establish Substation with two Transformers and four Feeder Breakers	City of Odessa, Ector County	Establish Substation with two transformer and four Feeder Breakers	12/1/2019	2/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
16T650111	Lake Hubbard Switch: Protective Relay Upgrade	City of Forney/Kaufman County	Upgrade East and West 138 kV bus protection to provide redundancy for three phase faults.	12/1/2019	12/31/2020						0	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	12/1/2019	2/20/2020						0	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.	12/1/2019	1/24/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39742	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 U.V.S. 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.	1/6/2020	2/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40652	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.	4/16/2020	5/6/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38517	Moss Switch: 345 kV Line Terminal Addition	City of Odessa, Ector County	Install two 3200 A, 345 kV circuit breakers to establish line terminal to create the new Odessa EHV Switch - Wolf Switch 345 kV Line and 138 kV breaker replacement	12/1/2019	2/20/2020						0	138/345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04282	Pauline Substation: Install one Transf. #2 and one 25kV Feeder	City of Mabank/Henderson County	Install one transformer #2 and One Feeder Breaker	12/1/2019	2/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01087	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	12/1/2019	2/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38427	Sand Lake Switch: Establish 345kV Switch Station	City of Odessa, Ward County	Establish the 345kV Switch Station at Sand Lake Switch. The initial build out will consist of four 345kV circuit breakers to accommodate termination of AEP Solidice lines 1 and 2, installation of Auto #2 and associated tertiary equipment, installation of Auto #1 tertiary reactors and associated equipment.	12/1/2019	2/20/2020						0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT04021	Sargent Road Switch: 138 kV terminal upgrade	City of Dallas, Dallas County	Add line terminal as a part of the new line from Sargent Rd. to Oakland Ave. Upgrade all line terminal and associated equipment to meet or exceed 1200 A.	12/1/2019	2/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT01906	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	12/1/2019	2/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT40274	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 Permifit-Ringo 138 kV Line.	3/16/2020	4/11/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT39694	Vealmoor Switching Station: Install second auto-transformer	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.	12/1/2019	12/28/2019						0	345/138	na	na	na	na	na	na	na	na	25.83(a)(3)	NTSU project
OPT40162	Wink Switch - Install 138 kV circuit breaker	City of Wink, Winkler County	Install one 3200 A, 138 kV circuit breaker and terminate 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.	12/1/2019	3/20/2020						0	138	na	na	na	na	na	na	na	na	25.83(a)(3)	
OPT38701	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 Montcalmo Switch Paris Switch 345 kV line section. Install three 345 kV, 3200 A circuit breakers at Woodard 345 kV Switch.	12/1/2019	2/20/2020						0	345	na	na	na	na	na	na	na	na	25.83(a)(3)	
CCN APPLICATIONS - APPROVED																						
17780065/ 18T63096 BP/BC	Riverton Sw. - Tunstall POD 138 kV Line	City of Orta, Reeves County	This project is to construct the new double-circuit 138 kV line connecting the planned Riverton Switching Station to the Tunstall POD to serve Stateline Processing's oil and gas facilities. One circuit will be installed initially.	8/1/2018	12/15/2018	12/15/2018	7,755,000	7,755,000			100	na	138	5.40	1926.9 kmil ACSS/TW	Steel or Concrete Poles	na	na	70	5.40	47595	Application Filed on 10/12/2017. Administrative approval received on 12/28/2017.
13T80013 BP 18T60061 TB	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.	12/31/2020	12/31/2022		26,499,000				0	na	345	27.00	1926.9 kmil ACSS/TW	Lattice Steel Towers	na	na	160	13.50	44672	Application Filed 7/10/2015. Administrative Approval received on 09/25/2015.

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16T80071 BP 16T63018 CHIA	Littman - Phillips Andrews Tap 138 kV Line	Andrews County	This project is to construct the new double-circuit Littman - Phillips Andrews Tap 138 kV line connecting the existing Littman Substation to the existing Phillips Andrews Tap. One circuit will be installed initially.	6/13/2018	10/20/2018	10/20/2018	9,714,000	9,947,814			100	na	138	11.10	959.6 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	11.10	46987	Application Filed 4/10/2017. Administrative Approval received on 6/26/2017.
16T80079 BP 0PT36665 AB 0PT04007 AB	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.	1/9/2018	12/31/2019		47,483,000	62,908,903			50	na	138	37.00	1926.9 kcmil ACSS/TW	Lattice Steel Towers	na	na	160	37.00	47368	Application Filed 7/21/2017. Final Order issued on 5/11/2018.
18T80016 18T03124 BP/AS	Dune Switch Loop 138 kV Line	Winkler County	This project is to construct the new double circuit 138 kV line connecting the existing Oncor Wink-Yukon 138 kV Line to the proposed Dune Switch station.	1/25/2019	3/1/2019	3/1/2019	2,850,000	4,038,607			100	na	138	4.00	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	2.00	48310	Application Filed 5/11/2018. Administrative Approval received 7/30/2018.
17T80077 BP 0PT38182 0PT38179 KD/KF	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.	1/5/2020	12/31/2020		199,729,000				0	345	345	216.70	1926.9 kcmil ACSS/TW	Lattice Steel Towers	150	15.90	160	100.40	48095	Application Filed 3/16/2018. Final Order issued on 9/17/2018.
18T80036 BP 0PT04001 0PT38840 0PT37565 OERJUC	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.	6/24/2019	11/1/2019		34,033,000	41,618,112			50	na	138	29.99	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	29.90	48544	Application Filed 8/31/2018. Administrative Approval received on 11/20/2018.
0PT37302 BP 0PT38601 OERJUC	Owl Hills - Tunstall POD 138 kV Line	Culberson and Reeves Counties	Construct the new single circuit 138 kV line connecting the proposed Owl Hills Substation to the Tunstall POD.	1/30/2020	5/30/2020		20,628,000	26,705,050			0	na	138	18.70	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	18.70	48582	Application Filed 8/31/2018. Administrative Approval received on 11/20/2018.
17T80032 BP	Cogdell - Claremont 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 Claremont Substation. One circuit will be installed initially.	1/30/2020	6/30/2020		13,170,500 (Oncor Portion)				0	na	138	11.9 (Oncor Portion)	959.6 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	11.8 (Oncor Portion)	47808	This is a joint project with Brazos Electric Power - only Oncor associated project costs are being reported. Application Filed 12/11/2017. Final Order issued on 1/18/2019.
0PT39679 KC/CL	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.	10/1/2019	3/2/2020		14,304,695	13,832,636			0	na	345	10.30	959.6 kcmil ACSS/TW	Steel Poles	na	na	175	10.30	48861	Application Filed 11/28/2018. Administrative Approval received 2/6/2019. This is a NTU project.
S4T1575 CL	Tall City - Glass 138 kV Line	Martin and Midland Counties	Construct the new 138 kV transmission line connecting the existing Tall City station to the existing Glass station.	7/16/2018	4/10/2019		13,027,901	13,027,901			100	na	138	13.06	959.6 kcmil ACSS/TW	Steel or Concrete Poles	na	na	100	13.06	45308	Application Filed 11/13/2015. Final Order issued on 9/15/2016. This is a NTU project.
S4T1584 CL	Sale Ranch - Natural Dam 138 kV Line	Howard and Martin Counties	Construct the new 138 kV transmission line connecting the existing Sale Ranch station to the existing Natural Dam station.	7/3/2018	6/5/2018		17,425,000	17,425,000			100	na	138	16.98	959.6 kcmil ACSS/TW	Steel or Concrete Poles	na	na	100	16.98	45397	Application Filed 12/4/2015. Final Order issued on 9/16/2016. This is a NTU project.
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.	12/31/2020			9,682,000				0	na	138	8.00	959.6 kcmil ACSS/TW	Steel or Concrete Poles	na	na	100	8.00	48728	Application Filed 11/17/2017. Final Order issued on 9/29/2017. This is a NTU project. No project number has been assigned yet.
0PT37182 BP	Sand Lake - Solstice 345 kV Line	Reeves, and Ward Counties	This project is to construct the new double-circuit 345 kV line connecting the Oncor Sali Lake Switch to the AEP Texas Solstice Switch.	4/30/2020	12/31/2020		49,110,000 (Oncor Portion)				0	na	345	89.00	1926.9 kcmil ACSS/TW	Lattice Steel Towers	na	na	160	44.50	48785	This is a joint project with AEP Texas - only Oncor associated project costs are being reported. Application Filed 11/7/2016. Final Order issued on 9/26/2019.
0PT38174 BP	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.	3/30/2020	9/30/2020		19,207,000				0	na	138	15.20	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	15.20	49304	Application Filed 3/28/2019. Administrative Approval received on 7/17/2019.
0PT39835 BP	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.	3/30/2020	6/30/2021		87,876,048				0	na	345	57.90	1926.9 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. This is a NTU project.
0PT38573 BP	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.	1/1/2020	12/31/2020		28,200,000 (1 line) 1,185,000 (station)				0	138	345	39.90	1926.9 kcmil ACSS/TW	Lattice Steel Towers	160	39.90	na	na	49723	Application Filed 7/19/2019. Administrative Approval received on 10/7/2019.
CCN APPLICATIONS - PENDING																						
0PT38176 BP	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.	3/30/2020	9/30/2020		16,832,000				0	na	138	12.40	1926.9 kcmil ACSS/TW	Steel or Concrete Poles	na	na	70	12.40	49302	Application Filed 3/28/2019.
0PT39896 BP	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.	3/30/2020	6/30/2021		56,736,758				0	na	345	32.90	1926.9 kcmil ACSS/TW	Steel Poles or Lattice Steel Towers	na	na	175	32.90	48668	Application Filed 9/20/2018.
0PT39845 BP	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.	3/30/2020	6/30/2021		67,769,000				0	na	345	41.90	1926.9 kcmil ACSS/TW	Steel Poles or Lattice Steel Towers	na	na	175	41.90	48909	Application Filed 12/19/2018.
	Southeast - New 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.				20,688,000				0	na	115	17.80	959.6 kcmil ACSS/TW	Steel Poles	na	na	80	17.80		
0PT39848 BP	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.	7/31/2020	6/30/2021		39,782,000				0	na	345/115	34.30	1926.9 kcmil ACSS/TW (345 kV) 959.6 kcmil ACSS/TW (115 kV)	Steel Poles or Lattice Steel Towers (345 kV) Steel Poles (115 kV)	na	na	175 (345 kV) 80 (115 kV)	24.60	49151	Application Filed 2/19/2019.

PUC PROJECT NO. 49066

ONCOR ELECTRIC DELIVERY	§	BEFORE THE
MONTHLY CONSTRUCTION	§	PUBLIC UTILITY COMMISSION
STATUS REPORT	§	OF TEXAS
FOR OCTOBER 2019	§	

**AFFIDAVIT ATTESTING TO PRIOR WRITTEN CONSENT OF LANDOWNERS
AND THE PROVISION OF NOTICE TO UTILITIES AND LANDOWNERS FOR
TRANSMISSION LINE PROJECT CONSTRUCTION**

STATE OF TEXAS §

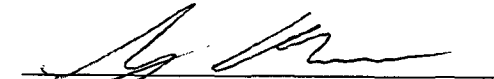
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, personally appeared Miguel Alvarado, known to me to be the person whose name is subscribed below who, upon oath deposed and stated as follows:

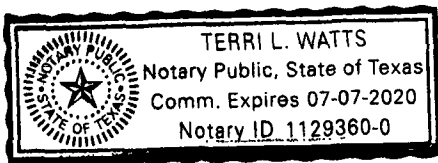
1. My name is Miguel Alvarado. My business address is 1616 Woodall Rodgers Freeway, Suite 6A-010, Dallas, Texas 75202. I am over eighteen (18) years of age and have never been convicted of a felony. I have personal knowledge of the facts contained herein and they are true and correct.
2. I am currently employed as Project Manager, External Affairs, Oncor Electric Delivery Company ("Oncor" or "Applicant"), and I am authorized to make this Affidavit on behalf of Oncor.
3. Pursuant to Public Utility Commission Substantive Rule §25.83(c)(3), Oncor is required to make direct mail notice by first class mail of the filing of its report in this proceeding to all utilities whose certificated service area is crossed by the facilities unless the facilities are being constructed to serve a utility that is singly certificated to the area

where the facilities are to be constructed. Notice is required to all landowners whose property is crossed by projects that do not require a CCN under 25.101(c)(5), except notice is not required to landowners that have provided written consent. For projects that require new or additional rights-of-way, notice is required to all landowners with a habitable structure within 300 feet of the centerline of a transmission project of 230 kV or less, or within 500 feet of the centerline of a transmission project greater than 230 kV as identified on the current county tax rolls. In addition, direct mail notice is required to owners of parks and recreation areas within 1,000 feet, and airports within 10,000 feet of the centerline of the proposed project.

4. Pursuant to Public Utility Commission Substantive Rule §25.101(c)(5)(B), Oncor obtained prior written consent from all landowners whose property is crossed by any of the new projects on Oncor's Monthly Transmission Construction Status Report for October 2019 that have not been previously submitted on monthly or interim reports.
5. Pursuant to Public Utility Commission Substantive Rule §25.83(c)(3), Oncor provided notice to the appropriate electric utilities whose certificated service area is crossed by the facilities being constructed for the new projects on Oncor's Monthly Transmission Construction Status Report for October 2019 that have not been previously submitted on monthly or interim reports.
6. Pursuant to Public Utility Commission Substantive Rule §25.83(c)(3), new or additional right of way was acquired for a project on Oncor's Monthly Transmission Construction Status Report for October 2019. Oncor obtained prior written consent from all landowners whose property is crossed by the new project/s.


Miguel Alvarado

SUBSCRIBED AND SWORN TO before me on this the 14th day of October, 2019, to
certify which witness my official hand and seal of office.




Notary Public, State of Texas

My Commission expires: 07-07-2020