



Control Number: 49066



Item Number: 310

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**ELECTRIC TRANSMISSION TEXAS
CONSTRUCTION PROGRESS REPORT
OCTOBER 2019**

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

Utility's 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
ETT_072A 39116	Barney Davis to Naval Base Substation 138 kV Transmission Line	Nueces	Construct new 138 kV transmission line (overhead/underground) from Barney Davis to Naval Base Substations	10/6/2016	8/31/2017	9/11/2017	\$ 43,955,000.00	\$ 43,955,000.00			90		138	5.2 (ov hd) 2.5 (under grd)	955 6 ACSS/TWIAW (ov hd) 5000kcmil annealed copper cable (undergrd)	Typical Single Sheet Pole w/ few h-type around t-line crossings (ovhd) concrete duct (under grd)			Typical 100 (ovhd) 50 (undergrd)	5.2 (ovhd) 2.5 (undergrd)	42467	CCN approval on 09/28/2015
ETT 142 P15153001	Falfurrias 69 kV SVC	Brooks	Replace DSTATCOM with Static VAR Compensator (SVC) and install bus tie to SVC	11/29/2016	5/31/2019			\$ 19,066,707.00			5	69									16 TAC 25.83(a)(3)	Corrected Voltage
ETT 141 ETT800213	BM Davis Station Upgrades	Nueces	Replace five circuit breakers and replace differential relays	11/29/2016	6/28/2019	4/10/2019		\$ 3,166,162.00			98	138									16 TAC 25.83(a)(3)	New Property Acquired for DICM
ETT 140 ETT800211	Oklahoma Substation	Wilbarger	Replace 138 kV and 345-kV breakers and switches	10/6/2017	12/31/2017	12/14/2018		\$ 10,440,000.00			99	345 / 138									16 TAC 25.83(a)(3)	Within Station Property
42598598	SW Vernon Connect Oklahoma	Wilbarger	Oklahoma Add wave trap Connection to SW Vernon	1/22/2018	1/31/2019			\$ 1,200,000.00				138									16 TAC 25.83(a)(3)	Within Station Property
42681304	Yellow Jacket Station	Menard/Menard	Replace relays and Camer Equipment to match Temporary Cactus Flats Tap and future Treadwell station relays	3/20/2018	5/5/2018	5/15/2018		\$ 506,892.00			95	138									16 TAC 25.83(a)(3)	Within Station Property
ETT 139 ET1800803	Maplewood Interconnection Add 2nd Circuit to serve Red Barn IPP Owned Station	Pecos	Add new 345 kV transmission line circuit from the LCRA TSC Bakersfield Station to the point of interconnection at Red Barn	4/9/2018	4/24/2020		\$ 2,401,000.00	\$ 2,270,000.00			90		345	1.94	2-bundled Cardinal 954 KCM 54/7 ACSR		150	1.94			47603	PUCT Docket 47603 Approved on 12/27/2017
ETT-144 P16141001	Live Oak Interconnect	Schleicher	Install one 345 kV terminal at LCRA TSC's Big Hill 345 kV Station to provide a permanent interconnection for the Live Oak Wind Project, LLC wind farm	3/18/2018	10/5/2018	10/8/2018		\$ 5,333,559.00			99	345									16 TAC 25.83(a)(3)	Within Station Property
ETT-130 ETT2015126	Rio Bravo 1 Wind Generator Temp Connection	Starr	Construct new 345 kV PDI temporary tap on the Cerizzo-Del Sol 345-kV transmission line for Long Road Energy (Rio Bravo 1)	4/18/2018	9/30/2018	10/8/2018		\$ 1,400,000.00			99	345									16 TAC 25.83(a)(3)	Utilizing Existing Easement
ETT 149 P17102001	Ajo-Zonito 345 kV Line Tap	Kenedy	Create Hard Tap in Ajo-Zonito 345 kV line to interconnect Stella Wind Farm transmission line	9/5/2018	10/1/2018	10/1/2018		\$ 1,381,571.00			99	345		0.10		Steel Mono Pole	150	0.10			16 TAC 25.101 (c)(5)(A)	Written consent acquired from landowner with the right to construct
ETT 149 P17102002	Ajo Station Remote-End Work	Kenedy	Install new relay equipment to create a three terminal line protection scheme. Remove and warehouse existing old generation L90311L relay panels	7/5/2018	10/1/2018	10/1/2018		\$ 551,342.00			99	345									16 TAC 25.83(a)(3)	Property Owned
ETT 149 P17102003	Zonito Station Remote-End Work	Kenedy	Install new relay equipment to create a three terminal line protection scheme. Remove and warehouse existing old generation L90311L relay panels	7/5/2018	10/1/2018	10/1/2018		\$ 606,865.00			99	345									16 TAC 25.83(a)(3)	Property Owned

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ETT-149 P17102004	Stella Collector Station Metering	Kenedy	Install metering SDR ME and RTU at the IPP collector station	7/5/2018	10/1/2018	10/1/2018		\$ 821 224 00			99	345									16 TAC 25 83(a)(3)	Property owned by generator. Written agreement for equipment installation acquired.
ETT 150 ETT000910	Laguna Substation	Nueces	Replace insulators and switches for 138-kV conversion and operation	3/4/2019	5/29/2020			\$ 1,051 790 00			0	69	138								16 TAC 25 83(a)(3)	Within Station Property
ETT-148 P17211001	Ajo Zonito 345-kV 2nd Circuit (Stella Permanent Tap)	Kenedy	Construct a 2nd circuit with OPGW on the Ajo-Zonito 345-kV transmission line from the Stella Tap location (constructed under TP2017102) up to the Ajo Station	6/15/2019	4/15/2020			\$ 9 966 375 00			0	345		7.85	2-1590 ACSR/AW	Steel Mono Pole	150	7.85			16 TAC 25 83(a)(3)	Second circuit previously certificated. Easement previously acquired.
ETT-149 P17211003	Ajo Station Line Terminal for Stella Permanent Tap	Kenedy	Construct new two breaker line terminal at Ajo Station. This will form a new Zonito line terminal at Ajo.	8/15/2019	4/15/2020			\$ 3 407 747 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-120 P09082009	Heartland-Yellowjacket ETT	Menard/Menard McCulloch	Heartland to Yellowjacket. Build 18.75 miles of new transmission line to 138 kV standards and operate at 69 kV.	3/7/2019	10/21/2019		\$ 19 824,000 00				0		138	18.50	959.6 ACSR/TW	Single Pole Brace Post			100	18.50	46234	CCN approved on 8/31/2017 ETT Portion Only
ETT 146 P1511701	Stewart Rd 345 kV Hairpin	Hidalgo/Hidalgo	Construct a double-circuit 345-kV transmission line from the Stewart Rd Station to the North Edinburg-SU Palmito 345-kV transmission line.	11/15/2019	10/31/2020		\$ 24 600 281 00				0		345	5.00	2-954 ACSR	Steel Mono Pole			150	5.00	47603	PUCT Docket 47873 Approved on 02/14/2019
ETT 130 P17216001	Rio Bravo I Windfarm Permanent Interconnect	Starr/Zepeda	Add second circuit to 26.6 miles of the Canizo - Del Sol 345-kV double-circuit capable transmission line to permanently interconnect Rio Bravo Windfarm I.	7/15/2019	2/17/2020		\$ 18 400 000 00				0	345		26.60	2-954 ACSR/AW 54/7 "Cardinal"	Steel Mono Pole	150	26.6			16 TAC 25 83(a)(3)	Second 345 kV circuit previously certificated.
ETT-120 P09082011	Heartland-Yellowjacket 69-kV Terminate line into Yellowjacket ETT	Menard/Menard	Add third rung and breakers to existing station to terminate new Heartland-Yellowjacket 69-kV transmission line. Replace RTU.	10/4/2019	12/20/2019		\$ 1 303 055 00				0	69									16 TAC 25 83(a)(3)	Within Station Property
ETT 158 P18078001	Vera Wind Interconnection	Wilbarger	Construct 3.80 miles of new single-circuit transmission line except of an approximate 0.7 mile section from the new ETT Coulomb Substation to the Vera Wind Collector Station.	8/23/2019	3/15/2020		\$ 10 700 000 00	\$ 7 800 000 00			0		345	3.80	2-954 ACSR	Steel Mono Pole			150	3.80	48945	CCN Approved on 03/27/2019
ETT 158 P18078011	Vera Wind Interconnection	Wilbarger	Coulomb 345-kV Substation Cut-In. Terminate the Clear Crossing to Edith Clarke 345-kV transmission line into new Coulomb 345-kV Substation.	12/6/2019	3/15/2020		\$ 1 500 000 00				0		345	0.10	2-1590 ACSS	Steel Mono Pole			150	0.10	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
ETT 158 P18078017	Vera Wind Interconnection	Wilbarger	Coulomb 345-kV Substation. Construct a new three-breaker 345-kV substation to permanently interconnect Vera Wind's 220.4 MW Windfarm.	8/23/2019	3/15/2020		\$ 14 000 000 00	\$ 14 000 000 00			0		345								48945	CCN Approved on 03/27/2019