



Control Number: 49066



Item Number: 54

Addendum StartPage: 0

**ELECTRIC TRANSMISSION TEXAS
CONSTRUCTION PROGRESS REPORT
FEBRUARY 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	10/8/2016	8/31/2017	9/11/2017	\$ 43,955,000.00	\$ 43,955,000.00			90		138	5.2 (ov hd) 2.5 (under grd)	859 6 ACSS/TW/AW (ov hd) 5000cmil enameled copper cable (undergrd)	Typical Single Steel 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 05/28/2015
ETT-127 ET15093006	Santa Cruz 138-kV Collector Station	Nueces	Install Metering, RTU, SDR and DME equipment	2/22/2016	11/1/2016	6/30/2017		\$ 614,830.00	\$ 653,941.74	6%	100	138									18 TAC 25.83(a)(3)	
ETT - 129 P15093004	Barney Davis to Nelson Sharpe 138-kV Line	Nueces	Install second circuit on the existing line for generation	4/28/2016	11/1/2016	6/30/2017		\$ 3,180,000.00	\$ 3,555,542.75	12%	100	138		6.50	Bundled (2) 954 ACSR with OPGW	Single Steel Pole	100	6.25 mi	100	0.01	18 TAC 25.101 (c)(5)(C)	Consent obtained
ETT-125 ET1503701	East Pecos Solar Interconnection	Pecos	Station work inside LCRA Bakersfield Station to terminate new solar generation. Generator constructed the transmission line being terminated	8/20/2016	11/11/2018	11/18/2016		\$ 4,050,000.00	\$ 4,301,086.42	6%	100	345									16 TAC 25.83(a)(3)	ETT - LCRA TSC CREZ Agreement
ETT-142 P15153001	Fallurus 69-kV SVC	Brooks	Replace DSTATCOM with Static VAR Compensator (SVC) and install bus tie to SVC	11/29/2016	5/31/2019			\$ 19,086,707.00			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	4/30/2018			\$ 3,166,162.00			85	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.	1/22/2016	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 Carrier Equipment to match Temporary Cactus Flats Tap and future Treadwell station relays	3/20/2018	6/5/2018	5/15/2018		\$ 608,882.00			90	138									16 TAC 25.83(a)(3)	Within Station Property
ETT-143 P16132001	Waymark Solar Interconnection. LCRA TSC Bakersfield Station	Pecos	LCRA TSC Bakersfield Station. Install 345-kV Station Terminal to serve new Waymark Solar Interconnection.	2/1/2018	9/22/2018	9/22/2018	\$ 2,870,000.00	\$ 2,810,000.00			99		345								47603	PUCT Docket 47603 Approved on 12/27/2017
ETT-143 P16132002	Waymark Solar Interconnection. Waymark IPP-Owned Station	Pecos	Waymark Station. Install RTU, SDR, and DME in customer owned station. Install 345-kV EPS Metering	4/9/2018	9/22/2018	9/22/2018	\$ 672,000.00	\$ 650,000.00			99		345								47603	PUCT Docket 47603 Approved on 12/27/2017
ETT-143 P16132003	Waymark Solar Interconnection. New T-Line Construction	Pecos	Construct new 345-kV transmission line from Bakersfield to the point of interconnection at Waymark. 1.94 miles of this transmission line will be build double-circuit capable	2/5/2018	9/22/2018	9/22/2018	\$ 7,261,000.00	\$ 6,865,000.00			99		345	3.94	2-bundled Cardinal 954 KCM 547 ACSR	Steel Mono Poles			150		47603	PUCT Docket 47603 Approved on 12/27/2017
ET1600803	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	12/20/2019		\$ 2,401,000.00	\$ 2,270,000.00			90		345	1.94	2-bundled Cardinal 954 KCM 547 ACSR		150	1.94			47603	PUCT Docket 47603 Approved on 12/27/2017

541

**ELECTRIC TRANSMISSION TEXAS
CONSTRUCTION PROGRESS REPORT
FEBRUARY 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-144 P18141001	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		\$ 5,333,558.00			88	345									18 TAC 25.83(a)(3)	Within Station Property
ETT-130 ETT2016128	Rio Bravo 1 Wind Generator Temp Connection	Starr	Construct new 345-kV POI temporary tap on the Canizo-Del Sol 345-kV transmission line for Long Road Energy (Rio Bravo 1)	4/18/2018	8/30/2018	10/8/2018		\$ 1,400,000.00			88	345									18 TAC 25.83(a)(3)	Utilizing Existing Easement
ETT-148 P17102001	Ajo-Zorillo 345-kV Line Tap	Kenedy	Create Hard Tap in Ajo-Zorillo 345-kV line to Interconnect Stella Wind Farm transmission line.	8/5/2018	10/1/2018	10/1/2018		\$ 1,381,571.00			88	345		0.10		Steel Mono Pole	150	0.10			18 TAC 25.101 (c)(5)(A)	Written consent acquired from landowner with the right to construct.
ETT-148 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 L80/311L relay panels.	7/5/2018	10/1/2018	10/1/2018		\$ 551,342.00			88	345									18 TAC 25.83(a)(3)	Property Owned
ETT-148 P17102003	Zorillo Station Remote-End Work	Kenedy	Install new relay equipment to create a three-terminal line protection scheme. Remove and warehouse existing old generation L80/311L relay panels.	7/5/2018	10/1/2018	10/1/2018		\$ 606,885.00			88	345									18 TAC 25.83(a)(3)	Property Owned
ETT-148 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			88	345									18 TAC 25.83(a)(3)	Property owned by generator. Written agreement for equipment installation acquired.
ETT-150 ETT000810	Laguna Substation	Nusca	Replace insulators and switches for 138-kV conversion and operation	3/4/2019	5/28/2020			\$ 1,051,780.00			0	88	138								18 TAC 25.83(a)(3)	Within Station Property
ETT-148 P17211001	Ajo-Zorillo 345-kV 2nd Circuit (Stella Permanent Tap)	Kenedy	Construct a 2nd circuit with OPGW on the Ajo-Zorillo 345-kV transmission line from the Stella Tap location (constructed under TP2017102) up to the Ajo Station	8/15/2019	4/15/2020			\$ 9,868,375.00			0	345		7.85	2-1580 ACSR/AW	Steel Mono Pole	150	7.85			18 TAC 25.101 (c)(5)(A)	Second circuit previously certificated. Easement previously acquired.
ETT-148 P17211003	Ajo Station Line Terminal for Stella Permanent Tap	Kenedy	Construct new two breaker line terminal at Ajo Station. This will form a new Zorillo line terminal at Ajo	8/15/2019	4/15/2020			\$ 3,407,747.00			0	345									18 TAC 25.83(a)(3)	Within Station Property
ETT-120 P09082009	Hearland-Yellowjacket ETT	Menard/Menard, McCulloch	Hearland to Yellowjacket: Build 18.75 miles of new transmission line to 138-kV standards and operate at 88 kV	3/7/2018	10/21/2018		\$ 19,824,000.00				0		138	18.50	950 # ACSR/TW	Single Pole Brace Post			100	18.50	48234	CCN approved on 8/31/2017 ETT Portion Only