



Control Number: 47927



Item Number: 112

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**ELECTRIC TRANSMISSION TEXAS
CONSTRUCTION PROGRESS REPORT
APRIL 2018**

**Public Utility Commission of Texas
Project No. 47927**

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		\$ 43,955,000.00	\$ 43,955,000.00			90		138	5.2 (ov hd) 2.5 (under grd)	959 6 ACSS/TW/A W (ov hd) 500kcmil 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			\$ 614,830.00			0	138									16 TAC 25.83(a)(3)	
ETT - 129 P15063004	Barney Davis to Nelson Sharpe 138-kV Line	Nueces	Install second circuit on the existing line for gen tie	4/29/2016	11/1/2016			\$ 3,180,000.00			0	138		6.50	Bundled (2) 954 ACSR with OPGW	Single Steel Pole	100	6.25 mi	100	0.01	16 TAC 25.101 (c)(5)(C)	Consent obtained
ETT-123 P14075001	Horse Creek Wind Farm/Panadero Collector Station	Haskell	Install RTU, SDR and DME equipment at Panadero Collector Station	8/2/2016	10/31/2016	9/19/2016		\$ 1,111,489.00			99	345									16 TAC 25.83(a)(3)	
ETT-123 P14075002	Clear Crossing to Edith Clark Panadero Tap Line	Haskell	Temporary tap connection for generator transmission line from Panadero Collector Station	8/2/2016	9/30/2016	9/19/2016		\$ 194,640.00			99	345									16 TAC 25.101 (c)(5)(A)	Temporary tap will be within the confines of AEP purchased property
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	11/1/2016	11/18/2016		\$ 4,050,000.00			98	345									16 TAC 25.83(a)(3)	ETT - LCRA TSC CREZ Agreement
ETT-142 P15153001	Fallurnas 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	5/4/2018			\$ 3,166,162.00			65	138									16 TAC 25.83(a)(3)	New Property Acquired for DICM
ETT-123 P14075004	Smoky Hill Substation	Haskell	Build new 345-kV substation	1/5/2017	8/1/2017	7/18/2017		\$ 14,137,607.00			99	345									16 TAC 25.83(a)(3)	Property Purchased
ETT-123 P14075006	Clear Crossing to Edith Clark Cut In to Smoky Hill Sub	Haskell	Permanent cut in to Smoky Hill	1/5/2017	8/1/2017	9/20/2017		\$ 1,272,294.00			99	345									16 TAC 25.101 (c)(5)(A)	Construction within the Confines of AEP Purchased Property
ETT 128 P15131001	Salvation Collector Station	Haskell	Install RTU, SDR equipment at Salvation Collector Station	3/1/2017	8/1/2017	8/30/2017		\$ 360,742.00			99	345									16 TAC 25.83(a)(3)	
ETT-123 P15131002	Add Terminal to Smoky Hill	Haskell	Add new 345-kV line terminal for collector station	1/5/2017	8/1/2017	8/30/2017		\$ 1,661,628.00			99	345									16 TAC 25.83(a)(3)	
ETT-140 ETT800211	Oklahoma Substation	Wilbarger	Replace 138-kV and 345 kV breakers and switches	10/6/2017	12/31/2017			\$ 10,440,000.00				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 Carrier Equipment to match Temporary Cactus Flats Tap and future Treadwell station relays	3/20/2108	5/5/2018			\$ 506,892.00				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	6/30/2018		\$ 2,870,000.00	\$ 2,810,000.00			0		345								47603	PUC T 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	6/30/2018		\$ 672,000.00	\$ 650,000.00			0		345								47603	PUC T Docket 47603 Approved on 12/27/2017

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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	6/30/2018		\$ 7,261,000.00	\$ 6,865,000.00			0		345	3.94	2-bundled Cardinal 954 KCM 54/7 ACSR	Steel Mono Poles			150	3.94	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			0		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	9/20/2018			\$ 5,333,559.00			2	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 POI temporary tap on the Cenozo Del Sol 345-kV transmission line for Long Road Energy (Rio Bravo 1)	4/18/2018	9/30/2018			\$ 1,400,000.00			10	345									16 TAC 25.83(a)(3)	Utilizing Existing Easement
ETT 149 P17102001	Ajo Zorillo 345 kV Line Tap	Kenedy	Create Hard Tap in Ajo Zorillo 345 kV line to interconnect Stella Wind Farm transmission line	9/5/2018	9/23/2018			\$ 1,381,571.00			0	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 L90-311L relay panels.	7/5/2018	9/23/2018			\$ 551,342.00			0	345									16 TAC 25.83(a)(3)	Property Owned
ETT 119 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 L90-311L relay panels.	7/5/2018	9/23/2018			\$ 606,855.00			0	345									16 TAC 25.83(a)(3)	Property Owned
ETT 149 P17102004	Stella Collector Station Metering	Kenedy	Install metering SDR, ME, and RTU at the IPP collector station	7/5/2018	9/23/2018			\$ 921,224.00			0	345									16 TAC 25.83(a)(3)	Property owned by generator. Written agreement for equipment installation acquired.

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