



Control Number: 46718



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AEP Texas
(Central Division)
CONSTRUCTION PROGRESS REPORT
FEBRUARY 2017

Public Utility Commission of Texas
Project No. 46718

FEBRUARY 2017																							
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 PAC Central Number	Comments	
41871966	TPCO McCampbell 138 kV Cut In	San Patricio	Dupont Switching Sta to Whitpoint McCampbell Sub	9/3/2014	4/1/2017			\$ 1,176,000.00			90	138		0.25	795 ACSR Bundled	Steel			95	0.25	18 TAC 25 101 (6)S(A)	Cut-in on TPCO property. Easement and consent acquired	
41781851	TPCO Dupont Fiber Loop	San Patricio	Whitpoint to Dupont Double Circuit Loop Fiber into McCampbell Sub	9/1/2015	4/1/2017			\$ 573,000.00			90										18 TAC 25 839(A)(3)		
41921712	TPCO McCampbell 138 kV Cut In	San Patricio	Dupont Switching Sta to Whitpoint McCampbell Sub	9/3/2014	4/1/2017			\$ 1,129,000.00			90	138		0.25	795 ACSR Bundled	Steel			95	0	18 TAC 25 101 (6)S(A)	Cut-in on TPCO property. Easement and consent acquired	
41913059	TPCO Whitpoint Relay Upgrades	San Patricio	Whitpoint Substation Relay/Protection	10/1/2014	4/30/2018			\$ 945,000.00			66										18 TAC 25 839(A)(3)		
41913060	TPCO Dupont Station Relay Upgrades	San Patricio	Dupont Substation Relay/Protection	10/1/2014	11/21/2017			\$ 879,000.00			66										18 TAC 25 839(A)(3)		
42070566	Kennedy SS to Tuleta 138 kV C&I Line	Kennedy/Bee, Karnes	Construct new 138-kV C&I line containing Kennedy SS to Benalla 69-kV line for majority of new line distance to the new C&I line and removing old line	1/20/2016	9/30/2016	9/26/2016	\$ 30,223,152.00	\$ 22,422,855.00			96		138/69		18.00	556.6 kcmil ACSR51TW	Single Pole Steel		32.20	100	18.00	41674	13.6 miles of existing 69-kV line removed and relocated to new line with conductor upgraded to 556.6 kcmil ACSR51TW
42070577	Tuleta Substation	Bee	Construct new Tuleta Substation 138kV only	11/16/2015	9/30/2016	9/29/2016		\$ 9,886,517.00			96		138								41674	Does not include D-cost which was included in C&I filing	
42291912	Raymondville #2 to Rio Hondo Relocate	Raymondville/Wallacy	Relocate 1.75 miles of the Raymondville #2 to Rio Hondo 138-kV line	8/1/2015	12/31/2015	11/25/2015		\$ 1,544,800.00			99	138		1.75	Single 795 ACSR-267	Mono Pole	100	1.75	100	1.75	18 TAC 25 101 (6)S(D)	All on same landowner. Existing easement terms required relocation when development occurred on property requiring relocation	
42268481	Naval Base Station Upgrade	Corpus Christi/Nueces	Naval Base 138-kV Sub - add 138/69-kV auto transformer	6/1/2015	12/19/2016			\$ 5,290,000.00			99	69	138								18 TAC 25 839(A)(3)		
42271338	Asherton Station	Dimmit	Replace 138/69-kV autotransformer, bus tie	10/1/2015	6/3/2016	7/21/2016		\$ 5,259,000.00			99	138/69									16 TAC 25 839(A)(3)		
41984420	Shafter Collector Station	Nueces	Install RTU, SDR and OMS equipment at woodham station	1/1/2016	12/31/2016			\$ 505,000.00			0	345									18 TAC 25 839(A)(3)		
42261181	Three Rivers Auto	Live Oak	Replace 138/69-kV Auto split cap bank, increase of substation with terminal to Three Rivers Station	10/1/2015	12/31/2016	12/16/2016		\$ 8,754,115.00			99	138/69									18 TAC 25 839(A)(3)	Property purchased	
42261184	Signora Relay Upgrade	Live Oak	Signora Station Upgrade relaying for terminal to Three Rivers Station	3/1/2016	5/1/2017			\$ 2,860,300.00			75	69									18 TAC 25 839(A)(3)		
42261199	Three Rivers to Signora 138 kV line	Live Oak	Relocate line into 138-kV expansion area at Three Rivers	3/1/2016	12/31/2016	12/16/2016		\$ 1,362,625.00			99	138				Steel Mono Pole					16 TAC 25 101 (6)S(A)	Supplemental easement with consent	
42261203	Karon Tap to Three Rivers 69kV	Live Oak	Move & Reconfigure into existing 69-kV yard at Three Rivers	3/1/2016	12/31/2016	12/22/2016		\$ 1,261,101.00			99	69				Steel Mono Pole					18 TAC 25 101(6)S(A)	Supplemental easement with consent	
42268052	Three Rivers 69kV Bus Tie	Live Oak	Three Rivers 69kV Bus Tie added between station yard sections	3/1/2016	12/31/2016	12/16/2016		\$ 465,861.00			99	69									16 TAC 25 101 (6)S(A)	Property purchased	
41765180	White Point 138 kV Substation	San Patricio	White Point 138-kV Substation Upgrade for Money Farm Wind service	11/1/2015	12/31/2017			\$ 1,867,597.00			80	138									16 TAC 25 839(A)(3)	Existing TCC property	
41765783	Melvind IPP Collector Station	San Patricio	Melvind IPP Collector Station relaying and SCADA	2/1/2016	12/31/2017			\$ 579,251.00				138									16 TAC 25 839(A)(3)		
42274263	Tortuga	Nueces	New 138-kV Station	2/1/2017	11/1/2017			\$ 4,233,000.00													18 TAC 25 839(A)(3)	Property purchased	
42338741	Tortuga	Nueces	Cut-in the AEP Upriver to Gila Line into New Tortuga Sub	9/15/2017	11/1/2017			\$ 2,580,000.00													18 TAC 25 101 (6)S(A)	Landowner consent	

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4232374	Rodriguez-Anneas Pass 138kV Termination Relocates	Anneas/San Patricio	Relocate 138kV cut-in for Rodriguez-Anneas Pass Substation for new 138kV ring bus layout	2/22/2016	3/31/2017			\$ 1,143,000.00				138		0.10	795 ACSR	Single Pole Steel					16 TAC 25 101 (6)(5)(B)	Property purchased for substation expansion included area for relocates
4232378	Gregory-Anneas Pass 69kV line relocate	San Patricio	Construct 69kV line into Anneas Pass Substation for new 138kV ring bus addition	2/22/2016	5/29/2016			\$ 1,104,200.00				69		0.10	336 ACSR	Single Pole Steel					16 TAC 25 101 (6)(5)(B)	Property purchased for substation expansion included area for relocates
4232379	Anneas Pass 138kV Ring Bus	San Patricio	Construct new 138kV ring bus	3/21/2016	3/21/2017			\$ 5,600,000.00					138								16 TAC 25 83(a)(3)	Property purchased
4232386	Rodriguez 138kV Ring Bus	Anneas	Construct new 138kV ring bus	3/21/2016	3/21/2017			\$ 7,917,000.00					138								16 TAC 25 83(a)(3)	Property purchased
4232389	Raymondville #2 Replace Dead End	Raymondville/Wilacy	Replace dead end structure in the Raymondville #2 substation to accommodate the new Raymondville #2 to Rio Hondo 138kV line	3/21/2016	5/30/2016			\$ 600,000.00				138				Steel Station H Frame					16 TAC 25 101 (6)(5)(B)	Within station property
42323742	Red Gate	Hidalgo County	Add RTU	4/20/2016	5/16/2016	6/29/2016		\$ 426,241.00			99	138									16 TAC 25 83(a)(3)	
4240341	Fallurus	Hidalgo County	Update Relay Settings	5/10/2016	5/16/2016	6/29/2016		\$ 300,913.00			99	138									16 TAC 25 83(a)(3)	
4240342	North Eubank	Hidalgo County	Update Relay Settings	5/10/2016	5/16/2016	6/29/2016		\$ 300,182.00			99	138									16 TAC 25 83(a)(3)	
4232373	DuPont Substation	San Patricio	Replace Line Relays on Anneas Pass Line	6/1/2016	3/21/2017			\$ 630,000.00					138								16 TAC 25 83(a)(3)	Property purchased for substation expansion included area for relocates
4232386	Rincon Substation	San Patricio	Replace Line Relays on Rodriguez Line	6/1/2016	3/21/2017			\$ 570,000.00					138								16 TAC 25 83(a)(3)	
4232459	Anneas Pass/DuPont 138kV Line	San Patricio	Relocate 138kV cut-in for DuPont Line into Anneas Pass 138kV ring bus	3/31/2016	3/31/2017			\$ 575,500.00				138		0.10	795 ACSR	Single Pole Steel					16 TAC 25 101 (6)(5)(B)	Property purchased for substation expansion included area for relocates
4247224	Calles-Nelson Sharpe 138kV Line	Nueces	Modification of Termination of Calles-Nelson Sharpe into Nelson Sharpe for New Central Line	4/29/2016	11/1/2016			\$ 338,000.00				138									16 TAC 25 101 (6)(5)(B)	Within existing easement
4246903	Raymondville #2 to Rio Hondo Relocate	Raymondville/Wilacy	Raymondville #2 replace station dead end	4/1/2016	4/30/2016			\$ 800,000.00				138									16 TAC 25 83(a)(3)	Within station property
4232324	Victoria 69kV Relay Panel Change	Victoria	AEP TCC to change out relay panel at Victoria 69kV on the terminal to STEC Farmer Station	1/23/2016	5/1/2017			\$ 1,295,542.00				69									16 TAC 25 83(a)(3)	
4232363	Beville 69kV Station Terminal Upgrade	Bee	AEP TCC to change out relay panel at Beville 69kV station to accommodate future 69kV line reconductor from Victoria to STEC Farmer	9/21/2017	12/29/2017			\$ 1,775,663.00				69									16 TAC 25 83(a)(3)	
4242289	Simon Upgrade Terminal Equipment	San Patricio	AEP TCC to upgrade existing elements at Simon 69kV station for 2000A	12/1/2016	12/31/2016	12/16/2016		\$ 278,839.00			99	69									16 TAC 25 83(a)(3)	
4247818	West WDC TCC Phase 2	Texas	Complete expansion of 345-kV station yard, install new bus, control building, relays and station equipment, and SN Transformer reconfiguration	4/11/2016	9/30/2017	12/31/2017		\$ 20,920,753.00			70	345									16 TAC 25 83(a)(3)	TCC portion of total project costs. Land for expansion has been purchased
42464079	Frio Substation	Frio	Construct New 69-kV Substation	6/27/2016	12/31/2016			\$ 2,659,509.00			15		69								16 TAC 25 83(a)(3)	Property purchased
42464407	Shoppins Substation	Mitigonda	Construct New 69-kV Substation	6/27/2016	12/31/2016			\$ 2,659,509.00			15		69								16 TAC 25 83(a)(3)	Property purchased

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42303848	Pharr 138kV Loop	Hidalgo	Loop 2.2 miles of 138kV line from the North Edinburg to North McAllen line into the AEP Pharr Station	7/1/2016	12/30/2016			\$ 3,437,000.00					138	2.12	Double Circuit 569.6 ACSS/TW	Steel Mono Pole	Centerline	2.12			16 TAC 25 101 (6)(5)(A) 16 TAC 25 101 (6)(5)(B)	Existing ROW: Landowners noticed
42301596	Lon Hill to North Edinburg 345 kV Line - Replace Structures	Nueces, Kleberg, Brooks, Hidalgo	Replace approximately (30) 345-kV Structures	7/1/2016	7/1/2017			\$ 6,442,168.00			60	345					Steel H Frame				16 TAC 25 101 (6)(5)(B)	Landowners noticed
42301673	Lon Hill to Rio Hondo 345 kV Line - Replace Structures	Nueces, Kleberg, Kennedy, Wilbrey	Replace approximately (34) 345-kV Structures	7/1/2016	7/1/2017			\$ 8,539,515.00			60	345					Steel H Frame				16 TAC 25 101 (6)(5)(B)	Landowners noticed
42305591	Hol Iron/Hecker 138kV Substation LING Expansion	San Patricio	Dupont/Walpoint 138-kV Line Caten	9/1/2016	7/1/2017			\$ 1,747,473.00			50	138		0.70	795 ACSS/TW	Steel Mono Pole			100	0.70	16 TAC 25 101 (6)(5)(A)	Easement & consent acquired
42269554	Hol Iron/Hecker 138kV Substation LING Expansion	San Patricio	Construct 138-kV Hecker Substation Expansion	7/5/2016	7/1/2017			\$ 5,240,708.00			80	138									16 TAC 25 83(a)(3)	Property owned
42305745	Las Puigas Substation Expansion	Willacy	Construct 138-kV Las Puigas Substation Expansion	10/1/2016	6/30/2017			\$ 2,298,845.00			85	138									16 TAC 25 83(a)(3)	Property owned
42305572	Hol Iron/Hecker 138kV Substation LING Expansion	San Patricio	Hecker to Chavira 138 T-Lines for Road Increase	9/1/2016	7/1/2017			\$ 544,646.00			80	138		0.10	795 ACSS/TW	Steel Mono Pole			100	0.15	16 TAC 25 83(a)(3)	Property owned
423055209	La Palma Substation Upgrade and Rehab	Cameron	Upgrade and Replacement of La Palma Substation Equipment	11/1/2016	11/30/2017			\$ 4,356,244.00			35	138									16 TAC 25 83(a)(3)	Property owned
42475090	Military Highway Substation Upgrade and Rehab	Cameron	Upgrade and Replacement of Military Highway Substation Equipment	1/31/2017	11/30/2017			\$ 1,002,854.00			0	138									16 TAC 25 83(a)(3)	Property owned
42344013	Ashterton to Carrizo Springs Rebuild	Dimmit	Transmission line rebuild to increase transfer capacity address overhead issues	8/8/2016	3/31/2017	12/16/2016		\$ 10,300,000.00			80	69		8.30	959.6 ACSS/TW	Steel	varies	8.30	100	8.30	16 TAC 25 101 (6)(5)(B)	Landowners Notified but did not consent to supplemental easement. Easements being supplemented for delineation but not necessary for replacement of conductors. Project continued to operate at 69 kV.
42461372	La Pryor Substation	Zavala	Upgrade Substation for Increase Capacity	9/5/2016	2/24/2017			\$ 3,175,000.00			30	69									16 TAC 25 83 (a)(3)	
42525143	Carrizo Springs Substation	Dimmit	Upgrade Substation for Increase Capacity	6/13/2016	3/31/2017			\$ 2,695,000.00			40	69									16 TAC 25 83 (a)(3)	
42506686	Lon Hill to Orange Grove 345 kV Line - Replace Structures	Nueces County	Replace approximately 5 345-kV Structures	9/15/2016	5/30/2017			\$ 2,276,000.00			5	345					Steel Mono Pole				16 TAC 25 101 (6)(5)(B)	Landowners noticed
42400007	Gila to Hwy 9 underground cable replacement	Nueces	Replace 2 UG cables below the Corpus Christi ship channel	9/28/2016	5/1/2017			\$ 19,336,000.00			20	138			Each cable is 2300' 3500cmil copper	NA			100		16 TAC 25 101 (6)(5)(B)	Easements with contents and permits for the project are well advanced. Easements will be completed prior to construction start date.
42383541	Pharr 138kV Station	Hidalgo	AEP TCC to add three 138-kV breakers, a motor operated switch, expand the Pharr station to a breaker and half configuration, and upgrade and install terminal equipment associated terminal equipment	10/31/2016	6/30/2017			\$ 4,218,308.00				138									16 TAC 25 83(a)(3)	Within station property

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4247320	Mercon Station	Cameron	Construct 3 breaker 138-kV ring bus, expandable to breaker and a transformer along the Fort Belknap Line 138-kV line	10/1/2016	5/30/2017			\$ 7,437,640.00					138								16 TAC 25 839(A)	Property purchased
4232028	Victoria-Farmen (STEC) 69kV Transmission Line Project	Victoria/Goliad	Reconductor the Victoria-Farmen (STEC) 69-kV Line & Replace Eight Structures	2/1/2017	5/31/2017			\$ 6,844,828.00				69	69	15.30	1025 AAC	Monopole Steel		15.30			16 TAC 25 101 (G)(5)(B)	Landowners Notified
4246487	Terra Verde 138kV POO	Nueces	Construct 138-kV Box Bay POO with metering, protection, and control, and at Terra Verde POO	10/5/2016	12/13/2016	12/8/2016		\$ 1,792,781.00			99	138									16 TAC 25 839(A)	Property provided to AEP by the Generator
4246406	Terrellville Transmission Line	Nueces	Kingsville to Burson 138-kV transmission line - Terrellville into Terra Verde Box Bay	10/5/2016	12/13/2016	12/8/2016		\$ 240,412.00			99	138									16 TAC 25 101 (G)(5)(A)	Construction within the confines of the Generator-provided Property
4246495	Toxide 138kV Transmission Tap	Nueces	Construct approx. 0.6 mile 138-kV transmission tap with 477ACSR terminating in customer substation and at Terra Verde POO	10/1/2016	12/31/2016	12/13/2016		\$ 500,336.00			95	138									16 TAC 25 101 (G)(5)(A)	Construction within the confines of the Generator-provided Property
4243963	Vai Verde WindFarm Interconnect	Vai Verde	Vai Verde WF Collector Station (Firm) - install 70.3DR, Metaling, ESSO Panel	3/15/2017	5/1/2017			\$ 871,872.00					138								16 TAC 25 839(A)	
4250214	Hefner SS to Raymondville #2 - 69kV Rebuild	Cameron/Mitacy	Rebuild 22.5 Miles of 69-kV Transmission Line 138-kV Capability & Partial Relocation Pursuant to Previous Contractual Obligations	3/15/2017	11/1/2017			\$ 23,646,095.00				69		22.81	859.6 ACSSTW	Monopole Steel	Vanes	22.81	100	22.81	18 TAC 25 101 (G)(5)(B) 16 TAC 25 101 (G)(5)(B)	Landowners Notified and Metering & Supervisory were acquired as necessary