

Control Number: 49066



Item Number: 282

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AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
SEPTEMBER 2019

Public Utility Commission of Texas
Project No. 49066

282

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)	Structure 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
42431619	Fucca Area Improvement Project	Crockett	Big Lake New relay panels	10/1/2016	12/31/2016	4/20/2018		\$ 1,664,000.00			99		138								16 TAC 25.83(a)(3)	
42483912	Bison to Powell Field Rebuild	Crockett/Reagan	Upgrade Powell Field Station	12/1/2016	5/31/2017	8/8/2017		\$ 539,000.00			99	69									16 TAC 25.83(a)(3)	
42533342	Crowell Truscott Humble Tap 69 kV Rebuild	Foard Knox	Rebuild 16.22 Miles of 69 kV Transmission Line to 138 kV Standards	1/5/2016	12/31/2017			\$ 8,754,993.00			70	69		16.22	795 ACSS	Steel Mono Pole	100	16.22			16 TAC 25.101(c)(5)(B)	Landowners Noticed
42532596	Jayton Claumont Tap 69 kV Rebuild	Kent	Rebuild 69 kV Transmission Line to 138 kV Standards and Partial Relocation to Mitigate Encroachments	2/1/2017	12/31/2017			\$ 6,986,986.00			80	69		10.83	795 ACSS	Steel Mono Pole	Varies	10.83	100	1.84	16 TAC 25.101(c)(5)(B) & 16 TAC 25.101(c)(5)(E)	Landowners Noticed Consent and New Easement & Supplements were acquired as necessary
42483918	Abilene South to Abilene West	Taylor	Construct 138 kV Box Bay at Abilene West Texas Gulf Tap. Will be operated at 69 kV (Sawgrass Box Bay)	7/26/2017	11/1/2017	10/1/2018		\$ 1,735,461.00			99	69	69			Steel Mono Pole	Centerline				16 TAC 25.83(a)(3)	Constructed within existing easements Landowners noticed
42479030	Moran Putman 69 kV Rebuild	Shackelford Callahan	Rebuild 69 kV Transmission Line to 138 kV standards but continue to operate at 69 kV. Reroute a 600 section of this Rebuild to avoid an encroachment	8/5/2017	12/22/2017	12/15/2017		\$ 14,170,922.17			99	69	69	12.86	795 ACSS	Steel Mono Pole	Centerline	12.86	100	0.10	16 TAC 25.101(c)(5)(B) & 16 TAC 25.101(c)(5)(E)	Landowners Noticed Consent New Easement & Supplements were acquired as necessary
42499906	Sonora Station Replace Three Breakers	Sutton	Construct control house. Replace (3) 69 kV Breakers	9/8/2017	12/31/2017	4/6/2018		\$ 2,104,600.00			99	69									16 TAC 25.83(a)(3)	Within Existing Station Property
42624777	Abilene Distribution Automation Circuit Reconfiguration Transmission Assets Only	Taylor	Transmission High Side work to automate distribution feeder breakers and station regulators at 6 Abilene area stations	11/15/2017	8/15/2018	10/5/2018		\$ 2,374,000.00			99	138 / 69									16 TAC 25.83(a)(3)	Within Existing Station Property
42651519	Salsice Permian Basin Rebuild 138 kV Line	Pecos Reeves, Ward	Rebuild and Upgrade 37.47 miles of 138 kV transmission line double circuit capable between Salsice Substation and Permian Basin ONCOR POI	11/20/2017	12/1/2018	10/3/2018		\$ 40,439,378.85			99	138		37.47	795 ACSS (Bundled)	Steel Mono Pole & Concrete	80	37.47			16 TAC 25.101(c)(5)(B)	Landowners Noticed
42486571	Abilene South Abilene West Texas Gulf Tap	Abilene/Taylor	Rebuild approximately 2.35 miles of 69 kV transmission line to 138 kV standards and double circuit capability but continue to operate at 69 kV	12/7/2017	1/26/2018	10/1/2018		\$ 1,941,787.00			99	69		2.35	795 ACSS	Steel Mono Pole	Centerline	2.35			16 TAC 25.101(c)(5)(B)	Landowners Noticed
42611234	Rankin Sub	Upton	Upgrade fuses and circuit switcher	12/11/2017	6/30/2018	5/30/2018		\$ 650,000.00			99	69									16 TAC 25.83(a)(3)	Within Station Property
42508596	SW Vernon	Webbarger	Upgrade transformer and equipment (replace existing station)	1/2/2018	12/31/2018	12/14/2018		\$ 7,700,000.00			99	138 / 69									16 TAC 25.83(a)(3)	Within Station Property
42599271	Clairmont Tap to Wolfgang Rebuild	Kent	Rebuild and reconductor approximately 7.65 miles of 69 kV transmission line to 138 kV standards Continue to operate at 69 kV	12/7/2017	12/31/2018	12/31/2018		\$ 6,913,000.00			99	69		7.65	795 ACSS	Steel Mono Pole	Centerline	7.65			16 TAC 25.101(c)(5)(B)	Landowners Noticed

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PUBLIC UTILITY COMMISSION

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42604478	Murizon REA to Murizon to Tankerley Rebuild 69 kV Line	Murizon - Iron Tom Green	Rebuild Reconductor and Partially Retrace 13.47 Miles of 69 kV T Line to 138 kV Standards Continue to Operate at 69 kV	1/31/2018	11/2/2018	11/16/2018	\$ 10,300,120.00				99	69		13.47	795 ACSS	Steel Mono Pole	Centerline	13.47	100	0.39	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowners Noticed Consent New Easement & Supplements were acquired as necessary
42484594	F1 Griffin 69kV Station	Albany - Shackelford	Relocate the Albany Putnam 69 kV line into the new F1 Griffin station approximately 0.2 miles	1/3/2018	1/23/2018	2/2/2018	\$ 803,137.78				99	69		0.20	795 ACSS	Steel Mono Pole			100	0.20	16 TAC 25.101 (c)(5)(A)	Consent Obtained
42484598	F1 Griffin 69kV Station	Albany - Shackelford	Rebuild and reconductor approximately 0.81 mile section of the Albany Putnam 69 kV transmission line between Albany and new F1 Griffin Station to 138 kV standards Continue to operate at 69 kV	1/3/2018	1/23/2018	2/2/2018	\$ 1,817,812.51				99	69		0.81	795 ACSS	Steel Mono Pole	Centerline	0.81			16 TAC 25.101 (c)(5)(B)	Landowners Noticed
424790248	Albany Foundry Moran	Moran - Shackelford	Rebuild and reconductor approximately 8.90 miles of the Albany Putnam 69 kV line from Albany Foundry Moran	1/25/2018	4/18/2018	4/30/2018	\$ 8,040,670.00				88	69		8.90	795 ACSS	Steel Mono Pole	Centerline	9.23			16 TAC 25.101 (c)(5)(B)	Landowners Noticed
42619328	Quamt	Jones	Relocate the Onyx F1 Phantom 69 kV line into the new Quamt Station approximately 0.3 miles	2/12/2018	6/20/2018	6/5/2018	\$ 1,448,248.13				98	69		0.30	795 ACSS	Steel Mono Pole			100	0.30	16 TAC 25.101 (c)(5)(A)	Consent Obtained
42611958	Truscott Humble Tap to Benjamin Tap Rebuild	Truscott - Knox	Rebuild and reconductor approximately 12.11 miles of the Truscott Humble Tap Benjamin Tap 69 kV transmission line to 138 kV standards Continue to operate at 69 kV	12/10/2017	6/29/2018	6/25/2018	\$ 8,857,917.00				99	69		12.11	T2 477 ACSS HAWK	Steel Mono Pole	Varies	12.11			16 TAC 25.101 (c)(5)(B)	Landowners Noticed Utilizing Existing Easements
42724179	Tandis 138 kV Station	Knox	Build a new 138 kV three breaker ring bus 3000 Amps 40 kA ultimate design will be limited to a four breaker ring bus Add SCADA at the station	5/10/2018	3/31/2019		\$ 6,263,000.00				60		138								16 TAC 25.83(a)(3)	Property purchased
42724196	Benjamin 69 kV Substation	Benjamin/Knox	Expand existing Benjamin 69 kV station with 138 kV bus and switches and add a 138/12 kV transformer	6/1/2018	9/15/2019		\$ 3,282,000.00				40	69	69 138								16 TAC 25.83(a)(3)	Property purchased
42551751	Abilene Plant Change Relay Settings	Abilene-Taylor	Abilene Plant Change relay settings to accommodate Abilene South to Abilene West Texas Gulf Tap 69 kV Rebuild	1/3/2018	3/31/2018	10/12/2018	\$ 283,839.00				99	69									16 TAC 25.83(a)(3)	Within Existing Station Property
42611170a	Ely REA Tap (Capella Box Bay) Merkel 69 kV Rebuild	Taylor	Rebuild and Reconductor the Ely REA Tap (Capella Box Bay) to Merkel 4.55 mile segment of the Ely REA Tap (Capella Box Bay) to Eskola 69 kV transmission line to 138 kV standards Will continue to be operated at 69 kV	1/2/2018	4/30/2018		\$ 3,000,000.00				25	69		4.55	795 KCM ACSS Drake	Steel Mono Pole	Centerline	4.55			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42707021	Cedar Hill Edith Humble 69 kV Rebuild	Coke	Rebuild and Reconductor the Cedar Hill to Edith Humble 69 kV transmission line to 138 kV standards Will continue to be operated at 69 kV	1/8/2018	5/30/2018	5/30/2018	\$ 11,937,365.00				99	69		12.94	795 KCM ACSS Drake	Steel Mono Pole	Centerline	12.94			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42578959	Carver Station	Sutton	Carver Station Construct new 138kV 3000 amp 40 kA four breaker ring station	2/5/2018	12/31/2019		\$ 9,527,329.00				40		138								16 TAC 25.83(a)(3)	Property Purchased

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42578950	Carver Station	Sutton	Sonora Station. Replace 138 kV circuit breakers	2/5/2018	12/31/2019			\$ 1,054,914.00			40	138 / 69									16 TAC 25.83(a)(3)	Within station property
42578953	Carver Station	Sutton	Re-terminate the Friend Ranch Sonora 138 kV Transmission Line into New Carver Station	2/5/2018	12/31/2019			\$ 820,481.00			40	138									16 TAC 25.83(a)(3)	Within station property
42578954	Carver Station	Sutton	Re-terminate the Live Oak Sonora 138 kV Transmission Line into New Carver Station	2/5/2018	12/31/2019			\$ 848,021.00			40	138									16 TAC 25.83(a)(3)	Within station property
42578957	Carver Station	Sutton	Re-terminate the Hamilton Road Sonora 138 kV Transmission Line into New Carver Station	2/5/2018	12/31/2019			\$ 640,456.00			40	138									16 TAC 25.83(a)(3)	Within station property
42578963	Carver Station	Sutton	Friend Ranch Station Update relay towards Sonora Station	2/5/2018	12/31/2019			\$ 250,725.00			40	138									16 TAC 25.83(a)(3)	Within station property
42729882	Carver Station	Sutton	El Dorado Live Oak Station Update relay towards Sonora Station	2/5/2018	12/31/2019			\$ 272,399.00			40	138									16 TAC 25.83(a)(3)	Within station property
42730541	Carver Station	Sutton	Carver Bus Tie. Install a bus tie from Sonora Station 138 kV bus to New Carver Station 138 kV bus	2/5/2018	12/31/2019			\$ 815,980.00			40		138	0.20	477 KCM ACSR "Hawk"	Steel Monopole					16 TAC 25.83(a)(3)	Within station property
42578281	Vernon Main St Substation	Vernon/Wilbarger	Install two 14.4 MVAR Capacitor Banks to the Vernon Main St Substation 138 kV bus	2/5/2018	6/29/2018	12/20/2018		\$ 2,113,300.00			99	138 / 69									16 TAC 25.83(a)(3)	Within station property
42630204	Vernon Main St Substation	Vernon/Wilbarger	Relocate transmission line structures on Vernon Main St. Oklahoma 138 kV line to accommodate 1 14.4 MVAR capacitor bank	2/5/2018	6/29/2018	10/30/2018		\$ 382,057.00			98	138		0.03	795 KCM ACSR "Drake"	Steel H-Frame					16 TAC 25.83(a)(3)	Within station property
42681634	Valentine Tap - DACR Gridsmart upgrades Transmission Assets Only	Presidio	Transmission High Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	2/26/2018	6/21/2018	11/8/2018		\$ 262,355.00			98	138 / 69									16 TAC 25.83(a)(3)	Within station property
42738417	Ablene Maple St station - DACR Gridsmart upgrades Transmission Assets Only	Ablene/Taylor	Transmission High Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	2/26/2018	6/29/2018	8/7/2018		\$ 368,911.00			98	138 / 69									16 TAC 25.83(a)(3)	Within station property
42680890	Ablene Oil Mill station - DACR Gridsmart upgrades Transmission Assets Only	Ablene/Taylor	Transmission High Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	2/24/2018	8/8/2018	6/18/2018		\$ 246,887.00			98	138 / 69									16 TAC 25.83(a)(3)	Within station property
42680875	Ablene Vogel St station - DACR Gridsmart upgrades Transmission Assets Only	Ablene/Taylor	Transmission High Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	4/19/2018	9/24/2018	10/5/2018		\$ 402,175.00			98	138 / 69									16 TAC 25.83(a)(3)	Within station property

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42682644	Walnut St. station DACH Gridmart upgrades Transmission Assets Only	Arlene/Taylor	Transmission High Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	4/19/2018	9/24/2018	8/31/2018	\$ 373 160 00				98	138 / 69									16 TAC 25 83(a)(3)	Within station property
42680891	Clyde station - DACH Gridmart-upgrades Transmission Assets Only	Clyde/Taylor	Transmission High Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	3/12/2018	9/12/2018	7/2/2018	\$ 717 806 00				99	138 / 69									16 TAC 25 83(a)(3)	Within station property
42598859	Alpine - Alpine REA 69 kV Rebuild	Alpine/Brewster	Rebuild Reconductor and Partially Relocate of 69 kV transmission line to 138 kV Standards Continue to be operate at 69 kV	2/5/2018	11 16/2018	12/11/2018	\$ 9 078 106 00				99	69	8 16	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	8 16	100	1 32		16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Landowners Noticed Consent New Easement & Supplements were acquired as necessary
42629573a	Paint Creek - Haskell Tap 69 kV Rebuild	Haskell	Rebuild 2 03 miles of wood double circuit H frame and 9 53 miles of wood single circuit single pole transmission line from Paint Creek to Haskell Tap. New structures will be steel single pole with the 2 mile section rebuilt for continued double circuit operation and capable of 138 kV operation but will continue to be operated at 69 kV at this time. One circuit reconductor is included for this project	1/17/2019	5/10/2019		\$ 14 204 835 00				95	69	11 56	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	11 56	100	2 00		16 TAC 25 101 (c)(5)(B)	Landowner consent acquired as necessary for Blow Out requirements Landowners Noticed
42629583	Haskell to Paint Creek 69 kV Rebuild	Haskell	Reconductor of 2 03 miles of the rebuilt double circuit H frame in Project No. 42629573a that goes from Paint Creek to Haskell	1/17/2019	5/10/2019	4/23/2019	\$ 2 334 222 00				99	69	2 03	795 KCM ACSS "Drake"				2 03			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42690805	Sawgrass - WTX Gulf 69 kV Rebuild	Arlene/Taylor	Replace two poles on structures 1/1 and 1/2 on the Sawgrass 69kV Line Remove and install Conductor between SA/2 and 1/2 structure	2/5/2018	3/31/2018	10/1/2018	\$ 455 658 84				99	69		795 ACSS	Steel Mono Pole	Centerline					16 TAC 25 101 (c)(5)(B)	Landowner Consent Obtained
42578748	Lotebush Station	Reeves	Pig Creek Farmhand Basin 138 kV Terminate the Pig Creek Farmhand Basin 138 kV transmission line into new Lotebush 138 kV Station	2/24/2018	11/2/2018	12/5/2018	\$ 882 118 00				99	138									16 TAC 25 83(a)(3)	Within New Station Property
42625103	Bronie Bronie Atlantic 69 kV Rebuild	Coke	Rebuild and Reconductor the Bronie to Bronie Atlantic 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	2/24/2018	10/17/2018	12/31/2018	\$ 4 829 565 00				99	69	3 75	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	3 75				16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42583744	Crane McElroy 69 kV Rebuild	Crane	Rebuild and Reconductor the Crane to McElroy 69 kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	2/24/2018	4/18/2018	11/29/2018	\$ 5 331 005 00				99	69	2 27	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	2 27				16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42694371	Radium Replace CB 5905 and upgrade relays	Jones	Replace CB 5905 Disconnect Switches. Install New Hamilton line Circuit Breaker. Install 69kV bus CQVT. Add 160 x 180 DCM expansion. Remove old control house	3/5/2018	5/31/2018		\$ 1 966 260 00				30	138									16 TAC 25 83(a)(3)	Within Station Property
42677375	Cactus Flats Temporary Interconnect SAPS to Yellow Jacket 138 kV Line Tap	Concho	Install jumpers on the APS to Yellow Jacket 138 kV transmission line to provide a temporary interconnect to RES Cactus Flats LLC 150 MW Wind Farm	3/20/2018	5/5/2018	4/19/2018	\$ 221 905 00				99	138									16 TAC 25 83(a)(3)	Within Generator Owned Station Property

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42681178	Cactus Flats Temporary Interconnect Metering	Concho	Install metering, RTU, SDR and DME inside Cactus Flats Station (generator owned station)	3/20/2018	5/5/2018	5/11/2018	\$ 780 000.00				99	138									16 TAC 25.83(a)(3)	Within Generator Owned Station Property
42677378	Cactus Flats Temporary Interconnect San Angelo Power Station Substation Relay Upgrade	San Angelo/Tom Green	Replace relays and carrier equipment to match Cactus Flats Temporary Tap and future Treadwell Station relays	3/20/2018	5/5/2018	4/19/2018	\$ 353 599.00				99	138									16 TAC 25.83(a)(3)	Within Station Property
42612173	Anson Substation	Anson/Jones	Install new DCM breakers and switches	3/15/2018	1/25/2019		\$ 3 458 211.00				65	69									16 TAC 25.83(a)(3)	Within Station Property
42625104	Robert Lee Bronte 69 kV Rebuild	Coke	Rebuild and Reconductor the Robert Lee to Bronte 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	3/19/2018	12/21/2018	3/11/2019	\$ 9 023 449.00				99	69		9.10	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	9.10			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42583750	Kinnison Box Bay	Crane	Construct 138 kV Box Bay at Crane Tap #2. Will be operated at 69 kV	3/19/2018	6/28/2018	10/18/2018	\$ 1 326 140.00				99		69				Centerline				16 TAC 25.83(a)(3)	Constructed within existing easements Landowners Notified
42583736	Crane Kinnison 69 kV Rebuild	Crane	Rebuild and Reconductor the Crane to New Kinnison Box Bay 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	3/19/2018	6/28/2018	10/18/2018	\$ 3 566 650.00				99	69		1.09	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	1.09			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42583730	Texas New Mexico Pipeline (TXNMP) Sage 69 kV Rebuild	Crane	Rebuild and Reconductor the TXNMP to Sage 69 kV transmission line to 138 kV standards. Will continue to operate at 69 kV	3/19/2018	6/28/2018	1/10/2019	\$ 6 825 576.00				99	69		2.53	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	2.53			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42583749	Cardona Switch	Crane	Construct 138 kV platform switch with H frame structure at Cardona (formerly Crane Airport SW 6699). All series equipment shall be rated for a minimum of 1200 Amps. Will continue to be operated at 69 kV	3/19/2018	6/28/2018	12/7/2018	\$ 468 838.00				99	69				Steel Mono Pole	Centerline				16 TAC 25.83(a)(3)	Constructed within existing easements Landowners Notified
42681653	Kelton Switch	Crane	Construct 138 kV platform switch with H frame structure at Kelton (formerly Crane Airport SW 6697). All series equipment shall be rated for a minimum of 1200 Amps. Will continue to be operated at 69 kV	3/19/2018	6/28/2018	12/7/2018	\$ 469 840.00				99	69				Steel Mono Pole	Centerline				16 TAC 25.83(a)(3)	Constructed within existing easements Landowners Notified
42584089	Hawley Tap Quant Switch Station 69 kV Rebuild	Hawley/Jones	Rebuild and reconductor the Hawley Tap to Oak Tap 69-kV transmission line to 138 kV standards and terminate into new Quant Switch Station. Will continue to be operated at 69 kV	3/18/2018	6/30/2018	7/23/2018	\$ 3 377 434.00				99	69		4.22	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	4.22			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42584095	Onyx Switch Station Onyx Tap 69 kV Rebuild	Jones	Rebuild and reconductor Onyx Switch Station to Onyx Tap 69-kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	3/18/2018	5/12/2018	6/4/2018	\$ 1 731 192.00				99	69		1.41	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	1.41			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42624965a	San Angelo Concho San Angelo Lake Nasworthy (CVREA) 69 kV Rebuild	San Angelo/Tom Green	Rebuild and reconductor the San Angelo Concho to San Angelo Lake Nasworthy (CVREA) 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	4/2/2018	6/1/2018	6/28/2018	\$ 3 351 265.74				99	69		5.30	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	5.30			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified

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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)	Role Section or PJC Central Number	Comments
42614412a	Anson-Hawley Excon Tap 69 kV Rebuild	Anson/Jones	Rebuild and reconductor the Anson to Hawley Excon Tap 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	9/24/2018	3/11/2019		\$ 10,086,113.00				10	69		9.95	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	9.95			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42705005	Rio Pecos-Sun Valley 69 kV Rebuild	Crane/Pecos	Rebuild and reconductor the Rio Pecos to Sun Valley 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	5/4/2018	10/10/2018	10/5/2018	\$ 7,886,632.00				99	69		9.50	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	9.50			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42705002	Sun Valley-Masterson Field 69 kV Rebuild	Pecos	Rebuild and reconductor the Sun Valley to Masterson Field 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	8/23/2018	12/21/2018	12/21/2018	\$ 6,032,579.00				99	69		7.20	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	7.20			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42604430	Build Lynx Station	Pecos	Construct new 138 kV Station with 3000 amp six breaker ring expandable laid out to a breaker and a half configuration. Install SCADA at new station.	6/5/2018	1/31/2019		\$ 9,557,994.00				95		138								16 TAC 25 83(a)(3)	Property Purchased
42630437	Elm Creek Station Breaker Replacement	Abilene/Taylor	Replace 138 kV Circuit Breakers 5985, 5980 and 5465. Replace 138 kV Circuit Switches 5010, 4728 and 4718.	6/5/2018	12/31/2018	12/26/2018	\$ 5,120,115.00				99	138									16 TAC 25 83(a)(3)	Within existing property
42673514	Rule 69 kV Station Rebuild	Rule/Haskell	Expand Station Property and Rebuild the Rule 69 kV Station to a 2000A 40kA Three Breaker Box Bay.	6/5/2018	5/3/2018		\$ 3,587,873.30				50	69									16 TAC 25 83(a)(3)	Property purchased
42630281	Vernon Station Breaker Replacement	Vernon/Wilbarger	Replace 69 kV Circuit Breakers 6050, 5460, 3720, 1535 and 130.	10/5/2018	6/26/2019		\$ 4,303,464.00				50	69									16 TAC 25 83(a)(3)	Within existing property
42707034	Abilene Northwest Remote End Work	Abilene/Taylor	Install 138 kV CCVT's and arresters.	8/9/2018	12/31/2018	10/10/2018	\$ 454,016.20				89	138									16 TAC 25 83(a)(3)	Within existing property
42707035	Mulberry Creek Remote End Work	Abilene/Jones	Install 138 kV CCVT's, wavelrap arresters and corner equipment.	8/9/2018	12/31/2018	1/25/2019	\$ 514,330.30				89	138									16 TAC 25 83(a)(3)	Within existing property
42705000	Masterson Field Pecos Valley 69 kV Rebuild	Pecos	Rebuild and reconductor the Masterson Field to Pecos Valley 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	6/5/2018	6/6/2019	12/21/2018	\$ 7,522,606.00				99	69	8.96		795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	8.96			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
4262495b	Pecos Valley TNMP Gomez 69 kV Rebuild	Pecos	Rebuild and reconductor the Pecos Valley to TNMP Gomez 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	6/5/2018	10/2/2019		\$ 11,815,275.00				75	69		14.23	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	14.23			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42624954	TNMP Gomez Ft. Stockton SS 69 kV Rebuild	Pecos	Rebuild and reconductor the TNMP Gomez to Fort Stockton SS 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	6/5/2018	12/20/2019		\$ 6,249,223.00				20	69	4.83		795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	4.83			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed

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42604489	Tankersley Mathis Field 69-kV Rebuild	San Angelo Tom Green	Rebuild and reconductor the Tankersley to Mathis Field 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	6/25/2018	4/30/2019	4/3/2019	\$ 10,981,300.00				99	69		10.10	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	10.10			16 TAC 25.101 (c)(5)(B)	Utilize existing easements. Landowners Notified.
42625102	Bronie Atlantic Miles 69 kV Rebuild	Coke Miles/Runnels	Rebuild and Reconductor the Bronie Atlantic to Miles 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	9/1/2018	5/15/2019		\$ 18,245,883.00				1	69		17.61	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	17.61			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements. Landowners Notified.
42624965b	San Angelo Lake Nasworthy (CVREA) Christoval 69 kV Rebuild	Christoval/Tom Green	Rebuild and reconductor the San Angelo Lake Nasworthy (CVREA) to Christoval 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	6/18/2018	12/21/2018		\$ 7,482,013.14				99	69		11.65	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	11.65			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements. Landowners Notified.
42630528	Chillicothe Vernon 69 kV Rebuild	Chillicothe Hardeman/Vernon Wilbarger	Rebuild and reconductor the Chillicothe to Vernon 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	7/9/2018	12/21/2018	12/22/2018	\$ 11,982,158.00				99	69		14.72	477 kcmil T2/ACSR "Hawk"	Steel Mono Pole	Centerline	14.72			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements. Landowners Notified.
42630265	Childress Kirkland 69 kV Rebuild	Kirkland/Childress	Partially rebuild and reconductor the Childress to Kirkland 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	8/28/2018	8/1/2020		\$ 7,900,000.00				5	69		5.67	477 kcmil T2/ACSR "Hawk"	Steel Mono Pole	Centerline	5.67			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements. Landowners Notified.
42613949	Grape Creek Tap College Hills 69 kV Rebuild	San Angelo Tom Green	Rebuild and reconductor the Grape Creek Tap to College Hills 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	7/5/2018	12/28/2018		\$ 8,323,157.00				95	69		10.30	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	10.30			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements. Landowners Notified.
42614412b	Ablene NW Onyx 69 kV Rebuild	Taylor Jones	Rebuild and reconductor the Abilene NW to Onyx REA 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	9/24/2018	5/15/2019		\$ 3,730,481.00				15	69		3.55	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	3.55	100	1.02	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowner Consent Acquired as necessary. Utilizing Existing Easements. Landowners Notified.
42738858	Abilene NW Ft. Phantom 138 kV Line Raise Conductor	Taylor	Install structures to raise existing Abilene NW Ft. Phantom 138 kV transmission line to provide clearance for Abilene NW Onyx 69 kV Rebuild.	9/24/2018	5/15/2019		\$ 710,882.00				15	69				Steel Mono Pole	Centerline				16 TAC 25.101 (c)(5)(B)	Landowner Consent Acquired.
42738864	Abilene NW Paint Creek 138 kV Line Raise Conductor	Taylor Jones	Install structures to raise existing Abilene NW Paint Creek 138 kV transmission line to provide clearance for Abilene NW Onyx 69 kV Rebuild.	9/24/2018	5/15/2019		\$ 1,081,901.00				10	69				Steel Mono Pole	Centerline				16 TAC 25.101 (c)(5)(B)	Landowner Consent Acquired.
42644363	Benjamin Tap Munday 69 kV Rebuild	Munday/Knox	Rebuild reconductor and partially relocate the Benjamin Tap to Munday 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	7/12/2018	12/28/2018		\$ 10,096,025.00				95	69		13.35	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	13.35	100	1.18	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowner Consent Acquired as necessary. Utilizing Existing Easements. Landowners Notified.
42625105	Edith Humble Robert Lee 69 kV Rebuild	Coke	Partially rebuild and Reconductor the Edith Humble to Robert Lee 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	8/24/2018	12/5/2019		\$ 10,377,325.00				55	69		9.00	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	9.00			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements. Landowners Notified.
42630552	Yellowjacket Menard Phillips Tap 69 kV Rebuild	Menard/Menard Kimble	Rebuild and reconductor the Yellowjacket to Menard Phillips Tap 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	9/18/2019	3/31/2020		\$ 13,382,601.00				20	69		15.40	795 KCM ACSS "Drake"	Steel Mono Pole	50	15.40			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements. Landowners Notified.

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42630266	Kirkland - Acme Best Wall 69 kV Rebuild	Kirkland/Childress Hardeman	Partially rebuild and reconductor the Kirkland to Acme Best Wall 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	8/28/2018	9/30/2019		\$ 6 748 748 00				50	69		13.30	477 kcmil T2/ACSR "Hawk"	Concrete Mono Pole	Centerline	13.30			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42707020	Acme Best Wall Quannah 69 kV Rebuild	Quannah/Hardeman	Partially rebuild and reconductor the Acme Best Wall to Quannah 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	8/28/2018	3/1/2020		\$ 6 257 476 00				15	69		3.73	477 kcmil T2/ACSR "Hawk"	Concrete Mono Pole	Centerline	3.73			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42483539	Solstice Station Add 138 kV Terminal	Pecos	Add new 138 kV 3000A 40KA line terminal at Solstice Station. Metering has already been installed at the remote end.	8/6/2018	12/15/2018		\$ 1 247 000 00	\$ 1 240 732 00			95	138									47187	CCN approved on 11/02/2017
42755832	Solstice - Roserock POI Build 138 kV Line	Pecos	Construct new 138 kV line from Solstice to the RE Roserock point of interconnection at Linterna. This transmission line will be constructed as double circuit capable.	8/30/2018	10/31/2018		\$ 6 145 000 00	\$ 6 145 000 00			95		138	4.50	959.6 ACSS/TW	Steel Mono Pole			100	4.50	47187	CCN approved on 11/02/2017
42643899	Bison Station	Crockett	Bison Station. Construct new 69 kV 3000 amp 40 KA three breaker ring bus station.	9/5/2018	5/31/2019		\$ 4 749 189 00				85		69								16 TAC 25.101(a)(3)	Property Purchased
42785355	Solstice Station Add 138 kV Terminal	Pecos	Add new 138 kV 4000A 63KA line terminal at Solstice Station for the Solstice to Saragosa 69 kV transmission line rebuild and conversion to 138 kV. Install DICM expansion module to accommodate new relay for new terminal.	9/10/2018	5/10/2019		\$ 3 378 053 00				50	138									16 TAC 25.101(a)(3)	Within existing property
42704987	Menard Phillips Tap Junction 69 kV Rebuild	Junction/Kimble	Rebuild reconductor and partially relocate the Menard Phillips Tap to Junction 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	9/16/2020	12/31/2020		\$ 10 431 757 00				20	69		13.95	795 KCM ACSS "Drake"	Steel Monopole	50	13.95	100	0.97	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowner Consent Acquired as necessary Utilizing Existing Easements Landowners Noticed
42641117	Sonora - Sonora Atlantic 69 kV Rebuild	Sonora/Sutton	Rebuild and reconductor the Sonora to Sonora Atlantic 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	11/4/2018	5/3/2019	4/28/2019	\$ 8 199 637 00				89	69		11.63	795 KCM ACSS "Drake"	Steel Monopole	Centerline	11.63			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42719258	Paint Creek Station Breaker Replacement	Haskell	Replace 8 OCBs & associated switches replace 6 69 kV switches all cap & pin insulators and copper bus tubing.	10/4/2018	7/17/2020		\$ 5 683 074 00				50	138 69									16 TAC 25.101(a)(3)	Within existing property
42728182	Cactus Flats Permanent Interconnection Treadwell Station	Concho	Construct a 138 kV three ring bus switching station (Treadwell) as a permanent interconnection for Cactus Flats Wind Farm along the San Angelo PS to Yellow Jacket 138 kV transmission line.	10/8/2018	3/31/2019		\$ 8 925 848 00				75		138								16 TAC 25.101(a)(3)	Within existing property
42586206	Lynx - Rio Pecos 138 kV Line Rebuild	Pecos Crane	Rebuild and reconductor the Lynx to Rio Pecos 138 kV transmission line double circuit capable with single circuit bundled 795 ACSS with OPGW.	10/15/2018	11.1.2018		\$ 2 213 693 00				95	138		2.00	795 KCM ACSS "Drake"	Steel Monopole	Centerline	2.00			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42586203	Fl Stockton - Rio Pecos 138 kV Line Re Termination	Pecos	Re Terminate the Fl Stockton - Rio Pecos 138 kV transmission line into new Lynx Station.	10/15/2018	11.18/2018		\$ 530 091 00				90	138		0.09	795 KCM ACSS "Drake"	Steel Monopole			100	0.09	16 TAC 25.101 (c)(5)(A)	Within Station Property

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42624963	Cross Plains Santa Anna Tap 69 kV Rebuild	Cross Plains/Calloway Brown, Coleman	Rebuild and reconductor the Cross Plains to Santa Anna Tap 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	11/5/2018	12/31/2019		\$ 13 412 957 00				1	69		14.94	795 KCM ACSS "Drake"	Steel Monopole	Centerline	14.94			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42761447	Santa Anna Tap Santa Anna 69 kV Rebuild	Santa Anna/Coleman	Rebuild and reconductor the Santa Anna Tap to Santa Anna 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	11/5/2018	12/31/2019		\$ 11 204 749 00				15	69		13.60	795 KCM ACSS "Drake"	Steel Monopole	Centerline	13.60			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42604440	Woodward Tap 1 138 kV Line Termination	Pecos	Re Terminate Woodward Tap 1 138 kV into new Lynx Station	11/2/2018	2/2/2019		\$ 492 821 00				90	138		0.29	795 KCM ACSS "Drake"	Steel Monopole			100	0.29	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
42604445	Woodward Tap 2 138 kV Line Termination	Pecos	Re Terminate Woodward Tap 2 138 kV into new Lynx Station	11/2/2018	2/2/2019		\$ 478 220 00				50	138		0.29	795 KCM ACSS "Drake"	Steel Monopole			100	0.29	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
42729405	Crockett Heights Front Ranch 69 kV Rebuild	Crockett	Rebuild and reconductor the Crockett Heights to Front Ranch 69-kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	11/2/2018	5/31/2019	5/15/2019	\$ 1 632 994 60				99	69		1.23	795 KCM ACSS "Drake"	Steel Monopole	Centerline	1.23			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42630526	Lake Palestine to Chillicothe 69 kV Rebuild	Chillicothe/Hardeman	Rebuild and reconductor the existing Lake Palestine to Chillicothe 69-kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	1/7/2019	4/26/2019	4/9/2019	\$ 8 300 500 00				99	69		9.00	477 kcmil T2/ACSR "Hawk"	Steel Monopole	Centerline	9.00			16 TAC 25 101 (c)(5)(B)	Easements Supplemented as Necessary Utilizing Existing Easements Landowners Notified
42763540a	Saragosa to Solstice 69 kV Rebuild	Reeves Pecos	Rebuild and reconductor a 15.26 mile segment of the existing Saragosa to Solstice 69 kV transmission line to 138 kV standards and upgrade voltage to operate at 138 kV when the project is fully completed	12/2/2018	9/6/2019		\$ 15 098 957 00				5	69	138	15.26	795 KCM ACSS "Drake"	Steel Monopole	Centerline	15.26			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
4285837	Ft Stockton Plant to Solstice 138 kV Raise Structures	Pecos	Install 32 structures along the Solstice to Ft Stockton Plant 138 kV transmission line in order to increase the MDT from 200 degrees F to 230 degrees F and provide a 202 MVA Rating	8/1/2019	12/20/2019		\$ 2 306 157 00				0	138				H Frame Wooden Poles	Centerline				16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42658124	Woodward 1 Substation	Pecos	Upgrade DME, SDR and associated metering equipment at Generator Owned Woodward 1 Substation	1/4/2019	1/31/2019		\$ 424 794 00				80	138									16 TAC 25 83(a)(3)	Within Generator Owned Station Property
42658127	Woodward 2 Substation	Pecos	Upgrade DME, SDR and associated metering equipment at Generator Owned Woodward 2 Substation	1/4/2019	1/31/2019		\$ 432 028 00				80	138									16 TAC 25 83(a)(3)	Within Generator Owned Station Property
42700008	Bobcat Hills Solar Interconnect Rio Pecos 138 kV Station	Pecos	Rio Pecos Station. Complete the Crane #4 position at the Rio Pecos substation by installing one breaker two switches and associated terminal equipment	1/7/2019	5/31/2019		\$ 2 169 978 00				50	138									16 TAC 25 83(a)(3)	Within station property
42728399	Sunora Atlantic Crockett Heights 69 kV Rebuild	Sutton Crockett	Rebuild and reconductor the Sunora Atlantic to Crockett Heights 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	1/5/2019	1/31/2020		\$ 13 463 998 20				10	69		15.06	795 KCM ACSS "Drake"	Steel Monopole	Centerline	15.06	100	1.60	16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Landowner Consent Acquired as necessary Utilizing Existing Easements Landowners Notified
42725082	East Munday Paducah Clare St 138 kV Line Cut In	Knox	Terminate the East Munday to Paducah Clare St 138 kV transmission line into new Tardis Station	2/4/2019	3-15/2019		\$ 1 120 785 00				0		138		795 KCM ACSS "Drake"	Steel Monopole			100	0.20	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
42644755	Big Lake Substation Update Relays	Big Lake Reagan	Add DCM expansion CB and update relaying to accommodate the new Bison Station	2/3/2019	6/21/2019		\$ 1 181 700 00				25	69									16 TAC 25 83(a)(3)	Within station property

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42611170b	Market - Scott REA Tap 69 kV Rebuild	Market - Taylor	Rebuild and reconductor the Market to Scott REA Tap 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	2/16/2019	4/30/2019			\$ 3 000 000.00			10	69		4.10	795 KCM ACSS "Drake"	Steel Monopole	Centerline	4.10			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42761537	Arroll SWTEC Pave Paws 69 kV Rebuild	Schleicher	Rebuild and reconductor the Arroll to SWTEC Pave Paws 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	2/3/2019	4/11/2019	4/19/2019		\$ 5 000 000.00			99	69		5.60	795 KCM ACSS "Drake"	Steel Monopole	Centerline	5.60			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42761540	SWTEC Pave Paws Eldorado Live Oak 69 kV Rebuild	Schleicher	Rebuild and reconductor the SWTEC Pave Paws to Eldorado Live Oak 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	2/3/2019	4/26/2019	6/19/2019		\$ 6 000 000.00			99	69		9.04	795 KCM ACSS "Drake"	Steel Monopole	Centerline	9.04			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42629566a	Onyx SW Fl. Phantom Clear Fork Pump Station 69 kV Rebuild	Abilene/Jones	Rebuild and reconductor the Onyx SW to Fl. Phantom Clear Fork Pump Station 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	2/22/2019	4/24/2019			\$ 17 283 518.00			0	69		6.82	795 KCM ACSS "Drake"	Steel Monopole	Centerline	6.82			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42762075	Heartland Yellowjacket TNC	Brady/McCulloch Menard	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				20		69	18.75	959.6 ACSR/TW	Single Pole Brace Post			100	18.75	46234	CCN approved on 8/31/2017 AEP Texas North Division Portion Only
42762039	Heartland Station	Brady/McCulloch	Heartland 69 kV Substation Construct new four breaker ring bus 69 kV substation and accommodate for a future 138 kV expansion.	3/4/2019	9/30/2019			\$ 4 781 000.00			40		138 - 69								16 TAC 25.83(a)(3)	Property purchased
42785349	Saragosa Substation	Reeves	Saragosa 138 kV Substation Construct 138 kV four-ring breaker substation laid out as a breaker and a hall.	3/4/2019	12/13/2019			\$ 9 613 715.00			0		138								16 TAC 25.83(a)(3)	Landowner consent provided Construction access and property transfer agreement under development
42775581	Cryo Substation	Reeves	Cryo 138 kV Substation Construct 138 kV four-ring breaker substation laid out as a breaker and a hall.	3/19/2019	11/20/2019			\$ 8 448 990.00			0		138								16 TAC 25.83(a)(3)	Landowner consent provided Construction access and property transfer agreement under development
42828772	Bobcat Hills Solar Interconnect Rio Pecos LCRA Crane 138 kV Line Termination	Pecos	Build one span from the station dead end to a pole owned by AEP outside Rio Pecos station. Conductor rating should be 440 MVA. Install (1) OPGW shield wire as the second path is currently in use.	4/6/2019	5/31/2019			\$ 331 233.00			0		138	0.10	795 KCM ACSR "Drake"	Steel Mono Pole					16 TAC 25.83(a)(3)	Within station property
42841255	Crossover 138 kV Box Bay	Upton	Construct POD Box Bay with 3000A Motor-Operated Switches Metering & Wavetrapp	4/6/2019	6/30/2019			\$ 1 759 100.00			0		138								16 TAC 25.83(a)(3)	Exclusive Easement Obtained
42841262	Crossover 138 kV Tap	Upton	Construct new Crossover 138 kV Tap line from new Crossover 138 kV Box Bay to Customer's substation.	4/6/2019	6/30/2019			\$ 887 124.00			0		138		795 KCM ACSS "Drake"	Steel Mono Pole			100	0.10	16 TAC 25.101 (c)(5)(A)	Landowner Consent Obtained
42841258	N. McCamey Santa Rita 138 kV Line	Upton	Terminate the existing N. McCamey to Santa Rita 138 kV transmission line into new Crossover 138 kV Box Bay	4/6/2019	6/30/2019			\$ 851 254.00			0		138		795 KCM ACSS "Drake"	Steel Mono Pole			100	0.20	16 TAC 25.101 (c)(5)(A)	Landowner Consent Obtained
42867891	Basin 138 kV Box Bay	Reeves	Construct a POD Box Bay 3000A Motor-Operated Switches Metering 2x2000 AAC Jumpers Wavetrapp SCADA	4/28/2019	6/28/2019			\$ 1 913 254.00			0		138								16 TAC 25.83(a)(3)	Utilizing Existing Easement
42781716	Solstice - Permian Basin 138 kV Line	Reeves	Terminate the Solstice Permian Basin 138 kV transmission line new Basin Box Bay	4/15/2019	6/28/2019			\$ 510 835.00			0	138		0.02	795 KCM ACSS "Drake"	Steel Mono Pole	100	0.02			16 TAC 25.101 (c)(5)(A)	Utilizing Existing Easement
42968468	Jards - Benjamin Tap 138 kV Line	Knox	Construct approximately 1.74 miles of new 138 kV transmission line	4/15/2019	7/15/2019		\$ 3 264 000.00				0		138	1.74	795 KCM T2 "Drake"	Steel Mono Pole			100	1.74	48633	PUC Docket 48633 Approved 01/04/2019

AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
SEPTEMBER 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
4264308a	Benjamin Tap Benjamin 69 kV Rebuild	Benjamin/Knox	Rebuild reconductor and convert the Benjamin Tap Benjamin 69 kV transmission line to 138 kV standards and operate at 138 kV	5/17/2019	9/15/2019		\$ 5,006,000.00				0	69	138	0.00	795 KCM T2 "Drake"	Steel Mono Pole	Centerline	0.00			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements
42768662	Cherry Creek Tap Increase Capacity T Line Assets	Reeves	Construct 138 kV bus with center break to accommodate a future 2nd transformer bay. Install 1 138 kV Circuit switcher and all associated material. Install 2 138 kV MOABs. Install 3 - 138 kV Center Break GOABs.	6/3/2019	8/30/2019		\$ 1,423,218.00				0		138 / 69								16 TAC 25.83(a)(3)	Within station property
42765852	Cherry Creek Tap Increase Capacity T Station Assets	Reeves	Re-terminate the Cherry Creek Tap to Cherry Creek 69 kV transmission line into newly rebuilt Cherry Creek Substation.	6/3/2019	8/30/2019		\$ 339,007.00				0	69		0.02	785 KCM ACSS "Drake"	Steel Mono Pole	100	0.02			16 TAC 25.101 (c)(5)(A)	Within station property
42631273	Belknap Station	Ablene/Jones	Construct a three 69 kV breaker ring station at 2000A, 40kA, expandable to six 69 kV breaker ring (2000A) and six 138 kV breaker ring bus (3000A) & add SCADA	6/3/2019	6/30/2020		\$ 4,739,642.00				0		138 / 69								16 TAC 25.83(a)(3)	Property Purchased
42761700	Miles Harriet CVEC 69 kV Rebuild	Miles/Runnels Tom Green	Partially Rebuild and reconductor the Miles to Harriet CVEC 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	6/14/2019	10/18/2019		\$ 5,200,000.00				0	69		5.67	785 KCM ACSS "Drake"	Steel Mono Pole	100	5.67			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42612181	Clyde Magnolia Replace Capacitor Equipment	Callahan	Clyde Magnolia Pump Pipeline 69 kV Substation. Replace Capacitor Controls, Circuit Switcher, CTs & PTs & Capacitor Bank.	6/8/2019	10/30/2019		\$ 1,683,478.00				0	69									16 TAC 25.83(a)(3)	Within station property
42629566b	Fl. Phantom Clear Fork Pump Station Nugent Tap 69 kV Rebuild	Ablene/Jones	Rebuild reconductor and partially relocated the Fl. Phantom Clear Fork Pump Station to Nugent Tap 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	7/9/2019	8/30/2019		\$ 1,000,000.00				0	69		0.70	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	0.70	100	0.24	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowner Consent Acquired as necessary Utilizing Existing Easements Landowners Notified
42763540b	Saragosa to Sotifce 69 kV Rebuild & Conversion to 138 kV 69 kV Rebuild	Reeves Pecos	Rebuild and reconductor the the remaining 3.44 miles of the existing Saragosa to Sotifce 69 kV transmission line to 138 kV standards and upgrade voltage to operate at 138 kV.	7/8/2019	10/31/2019		\$ 3,403,922.00				0	69	138	3.44	785 KCM ACSS "Drake"	Steel Mono Pole	Centerline	3.30	100	3.44	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowner Consent Obtained
42629561	Rainey Creek Fl. Phantom Spillway 69 kV Rebuild	Taylor Ablene/Jones	Rebuild and reconductor the Rainey Creek to Fl. Phantom Spillway 69 kV transmission line (Structure 4/1) to 138 kV standards. Will continue to be operated at 69 kV.	7/29/2019	12/17/2019		\$ 8,361,163.00				0	69		7.60	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	7.60			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42761697	Harriet CVEC Verbest Tap 69 kV Rebuild	San Angelo Tom Green	Partially Rebuild and reconductor the Harriet CVEC to Verbest Tap 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	8/4/2019	12/18/2019		\$ 7,000,000.00				0	69		8.47	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	8.47			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42766225	Junction 69 kV Substation Rebuild	Junction/Kimble	Construct a new 69 kV Substation with two 2000A, 69 kV breakers adjacent to the existing Junction 69 kV Substation. Install circuit switcher. Install DICM. Remote station relay settings.	9/9/2019	3/31/2020		\$ 3,298,623.00				0	69									16 TAC 25.83(a)(3)	Within station property
42766490	Junction Yellowcreek 69 kV T Line Re-termination	Junction/Kimble	Re-terminate the Junction Yellowcreek 69 kV transmission line into the rebuilt Junction 69 kV Substation.	11/4/2019	3/31/2020		\$ 429,905.00				0	69		0.01	795 KCM ACSS "Drake"	Steel Mono Pole					16 TAC 25.101 (c)(5)(A)	Within station property
42766247	Junction Mason SW 69 kV T Line Re-termination	Junction/Kimble	Re-terminate the Junction Mason SW 69 kV transmission line into the rebuilt Junction 69 kV Substation.	1/20/2020	3/31/2020		\$ 303,678.00				0	69		0.01	795 KCM ACSS "Drake"	Steel Mono Pole					16 TAC 25.101 (c)(5)(A)	Within station property

AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
SEPTEMBER 2019

Public Utility Commission of Texas
Project No. 49066

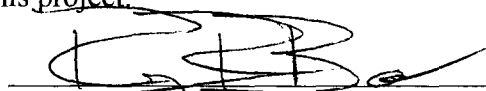
Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing 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
42629573b	Haskell Tap - Stamford (Str 339) 69-kV Rebuild	Haskell	Rebuild and reconductor the Haskell Tap to Stamford (Structure 339) 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	8/10/2019	11/15/2019		\$ 12 151 884 00				0	69		9.60	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	9.60			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42629573c	Haskell Tap - Stamford (Str 339 Str 332) 69 kV Rebuild	Haskell	Rebuild and reconductor the Haskell Tap to Stamford Substation (Structure 339 - Structure 332) 69 kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	9/23/2019	12/21/2019		\$ 545 853 79				0	69		0.43	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	0.43			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42629793	Woffgang 69 kV Substation	Kent	Construct a new 69 kV 2000 A 40 kA three breaker ring bus. Install (1) DICM along with all necessary panels, racks, and relays. All three line terminals at the substation will utilize fiber for line protection.	10/4/2019	5/15/2020		\$ 5 561 412 00				0		69								16 TAC 25 83(a)(3)	Property Purchased
42935497	Clairmont Tap Switch	Kent	Install 138 kV rated Monopole POP structure with SCADA controlled motor operated switches.	10/4/2019	5/15/2020		\$ 784 400 00				0	69			795 KCM ACSS "Drake"	Steel Mono Pole	100				16 TAC 25 83(a)(3)	Utilizing Existing Easements
42598593	Cross Plains 69 kV Substation Replace Control Building & Equipment	Cross Plains Callahan	Replace control house with DICM and associated equipment. Replace CB 5139, MOS 2909 and SW 5068 and associated equipment.	10/13/2019	5/15/2020		\$ 3 750 735 00				0	69									16 TAC 25 83(a)(3)	Within Station Property
42629573d	Haskell Tap - Stamford (Str 316 Stamford) 69 kV Rebuild	Haskell Stamford/Jones	Rebuild and reconductor the Haskell Tap to Stamford Substation (Structure 316 - Stamford) 69-kV transmission line to 138 kV standards. Will continue to be operated at 69 kV.	10/21/2019	2/18/2020		\$ 1 662 949 84				0	69		1.31	795 KCM ACSS "Drake"	Steel Monopole	Centerline	1.31			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
4261141	North Brady 69 kV Substation Install Relays	Brady McCluskey	Install new current differential relays at North Brady 69 kV Substation.	11/13/2019	4/1/2020		\$ 530 774 00				0	69									16 TAC 25 83(a)(3)	Within Station Property
42611462	Mason 69 kV Substation Replace relays	Brady McCluskey	Replace relays at Mason 69 kV Substation.	11/15/2019	4/1/2020		\$ 599 941 00				0	69									16 TAC 25 83(a)(3)	Within Station Property
42611468	Heartland 69 kV Substation Rebuild	Brady McCluskey	Rebuild and reconductor the Heartland 69 kV line with 138 kV standards between the South Brady Substation and the new Heartland Substation.	11/17/2019	4/1/2020		\$ 829 791 00				0	69		0.24	Medline 135.4 ACSR 14/1						16 TAC 25 83(a)(3)	Within Station Property
42611474	Heartland 69 kV Substation Rebuild	Brady McCluskey Merand	Heartland to Yellow Jacket Project: Rebuild a 1.0 mile portion of the Cedar to Yellow Jacket 69 kV line to double circuit with the new line from Yellow Jacket to Heartland in order to terminate the new line from Heartland into the Yellow Jacket station.	11/17/2019	12/31/2020		\$ 538 621 00				0	69		0.20	795 KCM ACSS "Drake"	Steel Mono Pole		100	0.00		16 TAC 25 101 (c)(5)(B)	Landowner Consent Obtained

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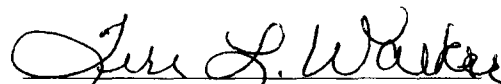
STATE OF TEXAS

COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing AEP Texas regarding consent to perform the rebuild of a 0.20 mile portion of the Eden to Yellowjacket 69-kV line to double-circuit with the new line from Yellowjacket to Heartland in order to terminate the new line from Heartland into the Yellowjacket Station Project as described in Project No. 42817452 in the PUCT Monthly Construction Progress Report (PUCT Project No. 49066) for September 2019. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that AEP Texas has acquired all of the necessary easements / landowner consent to proceed with this project.


Roy R. Bermea
Regulatory Consultant
AEP Texas Inc.

SUBSCRIBED AND SWORN TO BEFORE ME, a Notary Public in and for the State of Texas, this 20th day of September, 2019.


Notary Public

