



Control Number: 49066



Item Number: 368

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**AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
DECEMBER 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
42431649	Yucca 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)	
42483812	Bison to Powell Field Rebuild	Crockett/Reagan	Upgrade Powell Field Station	12/1/2016	5/31/2017	5/8/2017		\$ 538 000 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			18 TAC 25 101 (c)(5)(B)	Landowners Notified
42532596	Jayton-Clairmont 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			\$ 6 986 886 00			60	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 Notified Consent and New Easement & Supplements were acquired as necessary
42499905	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 8 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	Solstice Permian Basin Rebuild 138-kV Line	Pecos Reeves, Ward	Rebuild and Upgrade 37.47 miles of 138-kV transmission line double circuit capable between Solstice Substation and Permian Basin ONCOR POI	11/20/2017	12/1/2018	10/3/2018		\$ 40 438 378.85			99	138		37.47	795 ACSS (Bundled)	Steel Mono Pole & Concrete	80	37.47			16 TAC 25 101 (c)(5)(B)	Landowners Notified
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	1/28/2018	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 Notified
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
42598586	SW Vernon	Wilbarger	Upgrade transformer and equipment (replace existing station)	1/2/2018	12/31/2018	12/14/2018		\$ 7 706 000 00			99	138 / 69									16 TAC 25 83(a)(3)	Within Station Property
42589271	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 Notified
42604478	Mertzon REA to Mertzon to Tankersley Rebuild 69-kV Line	Mertzon / Iron / Tom Green	Rebuild Reconductor and Partially Relocate 13.47 Miles of 69-kV T-Line to 138 kV Standards. Continue to Operate at 69 kV	1/31/2018	11/2/2018	11/18/2018		\$ 10 300 120 00			99	69		13.47	795 ACSS	Steel Mono Pole	Centerline	13.47	100	0.38	16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Landowners Notified Consent New Easement & Supplements were acquired as necessary
42611959	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 ACSR HAWK	Steel Mono Pole	Varies	12.11			16 TAC 25 101 (c)(5)(B)	Landowners Notified Utilizing Existing Easements

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42724179	Tardis 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
42611170a	Ely REA Tap (Capella Box Bay)-Meykel 69-kV Rebuild	Taylor	Rebuild and Reconnector the Ely REA Tap (Capella Box Bay) to Meykel 4.53 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			40	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 Reconnector 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			88	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
42578960	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	Reterminate 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	Reterminate 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	Reterminate the Hamilton Road Sonora 138-kV Transmission Line into New Carver Station	2/5/2018	12/31/2019			\$ 640 458 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
4272882	Carver Station	Sutton	El Dorado Live Oak Station Update relay towards Sonora Station	2/5/2018	12/31/2019			\$ 272 389 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			\$ 815 390 00			40		138	0.20	477 KCM ACSR "Hawk"	Steel Monopole					16 TAC 25 83(a)(3)	Within station property
42579281	Vernon Main St Substation	Vernon/Witbarger	Install two 14.4 MVAR Capacitor Banks to the Vernon Main St Substation 138-kV bus	2/5/2018	6/28/2018	12/20/2018		\$ 2 113 300 00			99	138 / 69									16 TAC 25 83(a)(3)	Within station property

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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			99	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	2/28/2018	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	\$	388,611.00			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	9/18/2018	\$	246,687.00			95	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	8/24/2018	10/5/2018	\$	402,175.00			98	138 / 69									16 TAC 25.83(a)(3)	Within station property
42682844	Walnut 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	4/18/2018	9/24/2018	8/31/2018	\$	373,160.00			98	138 / 69									16 TAC 25.83(a)(3)	Within station property
42680891	Clyde station - DACR Gridsmart 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
42598869	Alpine - Alpine REA 69-kV Rebuild	Alpine/Brewster	Rebuild Re-conductor 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	\$	9,079,106.00			99	69		8.16	795 KCM ACSR "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 Noted 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			99	69		11.56	795 KCM ACSR "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 Noted
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 ACSR "Drake"				2.03		16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed
42578748	Lotebush Station	Reeves	Pig Creek-Permian Basin 138-kV Terminate the Pig Creek-Permian 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

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42625103	Bronte Bronte Atlantic 69-kV Rebuild	Coke	Rebuild and Reconductor the Bronte to Bronte 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	\$ 4,929,565.00				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
~2694371	Radium Replace CB 5805 and upgrade relays	Jones	Replace CB-5805. Disconnect Switches. Install New Hamilton line Circuit Breaker. Install 69kV bus CCVT's. Add 18ft x 18ft DICM 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				98	138									16 TAC 25 83(a)(3)	Within Generator Owned Station Property
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	\$ 393,598.00				99	138									16 TAC 25 83(a)(3)	Within Station Property
42812173	Anson Substation	Anson/Jones	Install new DICM 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	3/18/2018	12/21/2018	3/11/2019	\$ 9,023,448.00				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 Noticed
42583750	Kinnison Box Bay	Crane	Construct 138-kV Box Bay at Crane Tap #2. Will be operated at 69 kV	3/19/2018	6/29/2018	10/18/2018	\$ 1,326,140.00				99	69				Steel Mono Pole	Centerline				16 TAC 25 83(a)(3)	Constructed within existing easements Landowners Noticed
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 Noticed
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	\$ 6,625,578.00				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 Noticed
42583749	Cardona Switch	Crane	Construct 138-kV platform switch with H frame structure at Cardona (formerly Crane Airport SW 6668). 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	\$ 469,838.00				99	69				Steel Mono Pole	Centerline				16 TAC 25 83(a)(3)	Constructed within existing easements Landowners Noticed

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42681653	Ketton Switch	Crane	Construct 138-kV platform switch with H frame structure at Ketton (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.	3/18/2018	6/28/2018	12/7/2018		\$ 489,840.00			99	69				Steel Mono Pole	Centerline				16 TAC 25.03(a)(3)	Constructed within 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	6/26/2018		\$ 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.
42614412a	Anson - Hawley Exxon Tap 69-kV Rebuild	Anson/Jones	Rebuild and reconductor the Anson to Hawley Exxon 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 Notified.
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 Notified.
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		\$ 6,032,578.00			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 Notified.
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			\$ 9,557,984.00			95		138								16 TAC 25.03(a)(3)	Property Purchased.
42630437	Elm Creek Station Breaker Replacement	Ablene/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 25.03(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	10/30/2019		\$ 3,587,873.30			99	69									16 TAC 25.03(a)(3)	Property purchased.
42630281	Vernon Station (ERCOT) Breaker Replacement	Vernon/Wabarger	Replace 69-kV Circuit Breakers 6050, 5460, 3720, 1535, and 130.	10/5/2018	6/26/2019			\$ 4,303,484.00			50	69									16 TAC 25.03(a)(3)	Within existing property.
42707034	Ablene Northwest Remote End Work	Ablene/Taylor	Install 138-kV CCVT's and arresters.	8/9/2018	12/31/2018	10/10/2018		\$ 454,016.20			99	138									16 TAC 25.03(a)(3)	Within existing property.
42707035	Mulberry Creek Remote End Work	Ablene/Jones	Install 138-kV CCVT's, wavelap arresters, and corner equipment.	8/9/2018	12/31/2018	1/25/2019		\$ 514,330.30			99	138									16 TAC 25.03(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 Notified.

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42624955	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	7/19/2019	\$ 11,815,275.00				99	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	8/30/2019	\$ 6,249,223.00				99	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
42604489	Tankersley Mathis 69 kV Rebuild	San Antonio 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 Noticed
42625102	Bronte Atlantic-Miles 69-kV Rebuild	Coke Miles/Runnels	Rebuild and Reconductor the Bronte 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				68	69		17.61	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	17.61			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42624955b	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		\$ 7,492,013.14				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 Noticed
42630528	Chillicothe Vernon 69 kV Rebuild	Chillicothe Hardeman/Vernon Wuburger	Rebuild and reconductor the Chillicothe to Vernon 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV.	7/8/2018	12/21/2018	12/22/2018	\$ 11,952,158.00				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 Noticed
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		\$ 7,800,000.00				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 Noticed
42613949	Grape Creek Tap - College Hills 69 kV Rebuild	San Antonio 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		\$ 9,323,157.00				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 Noticed
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 Noticed
42738858	Ablene 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	Ablene NW Pant Creek 138-kV Line Raise Conductor	Taylor Jones	Install structures to raise existing Abilene NW-Pant 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 Noticed

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42625105	Edith Humble - Robert Lee 69 kV Rebuild	Coke	Partially rebuild and Reconnector 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 reconnector the Yellowjacket to Menard Phillips Tap 69-kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	9/16/2019	3/31/2020			\$ 13 982 601.00			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
42630266	Kirkland - Acme Best Wall 69-kV Rebuild	Kirkland/Childress Hardeman	Partially rebuild and reconnector 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 Notified
42707020	Acme Best Wall - Quanah 69-kV Rebuild	Quanah/Hardeman	Partially rebuild and reconnector the Acme Best Wall to Quanah 69-kV transmission line to 138 kV standards. Will continue to be operated at 69 kV	8/25/2018	3/1/2020			\$ 6 257 476.00			40	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 Notified
42483538	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			99	138									47187	CCN approved on 11/02/2017
42785832	Solstice - Roserock POI Build 138-kV Line	Pecos	Construct new 138 kV line from Solstice to the RE Roserock point of interconnection at Luteria. This transmission line will be constructed as double-circuit capable	8/30/2018	10/31/2018		\$ 6 145 000.00	\$ 6 145 000.00			99		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	6/1/19		\$ 4 749 189.00			94		69								16 TAC 25 83(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			\$ 3 379 053.00			50	138									16 TAC 25 83(a)(3)	Within existing property
42704987	Menard Phillips Tap Junction 69 kV Rebuild	Junction/Kimble	Rebuild reconnector 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 Notified
42641117	Sonora - Sonora Atlantic 69-kV Rebuild	Sonora/Sutton	Rebuild and reconnector 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	4/26/2019		\$ 8 189 637.00			99	69		11.63	795 KCM ACSS "Drake"	Steel Monopole	Centerline	11.63			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42718258	Paint Creek Station Breaker Replacement	Haskell	Replace 8 OCB's & 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 83(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			95		138								16 TAC 25 83(a)(3)	Within existing property

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42586205	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				99	138		2.00	795 KCM ACSS "Drake"	Steel Monopole	Centerline	2.00			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42586203	FI Stockton - Rio Pecos 138-kV Line Re-Termination	Pecos	Re-Terminate the FI Stockton - Rio Pecos 138-kV transmission line into new Lynx Station	10/15/2018	11/18/2018	8/30/2019	\$ 530,091.00				99	138		0.09	795 KCM ACSS "Drake"	Steel Monopole			100	0.08	16 TAC 25.101 (c)(5)(A)	Within Station Property
42624963	Cross Plains - Santa Anna Tap 69-kV Rebuild	Cross Plains/Callahan 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				75	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				95	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				70	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 - Friend Ranch 69-kV Rebuild	Crockett	Rebuild and reconductor the Crockett Heights to Friend 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 Pauline to Chillicothe 69-kV Rebuild	Chillicothe/Hardeman	Rebuild and reconductor the existing Lake Pauline to Chillicothe 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	1/7/2019	4/28/2019	4/8/2019	\$ 8,300,500.00				99	69		8.00	477 kcmil T2/ACSR "Hawk"	Steel Monopole	Centerline	8.00			16 TAC 25.101 (c)(5)(B)	Easements Supplemented as Necessary Utilizing Existing Easements Landowners Notified
42783540a	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		\$ 15,099,957.00				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
42858377	FI Stockton Plant to Solstice 138-kV Raise Structures	Pecos	Install 32 structures along the Solstice to FI Stockton Plant 138 kV transmission line in order to increase the MOI from 203 degrees F to 239 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				95	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				95	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	1, 5, 2, 1, 2	\$ 2,188,978.00				90	138									16 TAC 25.83(a)(3)	Within station property
42729399	Sonora Atlantic Crockett Heights 69-kV Rebuild	Sutton Crockett	Rebuild and reconductor the Sonora 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		\$ 13,463,999.20				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

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42725092	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 DICM 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
42611170b	Merkel Scott REA Tap 69-kV Rebuild	Merkel / Taylor	Rebuild and reconductor the Merkel to Scott REA Tap 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	2/18/2019	4/30/2019	10/22/2019	\$ 3 000 000 00				100	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	6/18/2019	\$ 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 Ft. Phantom Clear Fork Pump Station 69-kV Rebuild	Abilene/Jones	Rebuild and reconductor the Onyx SW to Ft. 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		\$ 18 824 000 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
42752038	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	8/30/2019		\$ 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 half	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 half	3/19/2019	11/20/2019		\$ 8 448 990 00				60		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			\$ 331 233 00				40		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
42841282	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		\$ 851 258 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	4/29/2019	6/28/2019		\$ 1 913 254 00				0		138								16 TAC 25 83(a)(3)	Utilizing Existing Easement

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42781716	Solstice - Permian Basin 138-kV Line	Reeves	Terminate the Solstice Permian Basin 138 kV transmission line new Basin Box Bay	4/15/2019	6/26/2019		\$ 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	
42988488	Tardis - 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
42843686	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	8 00	795 KCM T2 "Drake"	Steel Mono Pole	Centerline	8 00			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements	
42786662	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 25 101 (c)(5)(3)	Within station property	
42765852	Cherry Creek Tap-Increase Capacity T Station Assets	Reeves	Reinstall 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	795 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	8/3/2019	6/30/2020		\$ 4 739 842 00			0		138 / 69								16 TAC 25 101 (c)(5)(3)	Property Purchased	
42761700	Miles - Harrel CVEC 69-kV Rebuild	Miles/Runnels Tom Green	Partially Rebuild and reconductor the Miles to Harrel (CVEC) 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	8/14/2019	10/18/2019		\$ 5 200 000 00			0	69		5 67	795 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	6/9/2019	10/30/2019		\$ 1 663 478 00			0	69									16 TAC 25 101 (c)(5)(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 Solstice 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 Solstice 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	795 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 Abilene/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	7/28/2019	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	Harrel CVEC - Venbest Tap 69-kV Rebuild	San Angelo Tom Green	Partially Rebuild and reconductor the Harrel (CVEC) to Venbest Tap 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	8/4/2019	12/16/2019		\$ 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 25 101 (c)(5)(3)	Within station property	

**AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
DECEMBER 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
42766490	Junction - Yellowjacket 69 kV T Line Retermination	Junction/Kimble	Reterminate the Junction Yellowjacket 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 Retermination	Junction/Kimble	Reterminate 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
42629573b	Haskell Tap Stamford 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				70	69		9 80	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	9 60			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
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 75				50	69		0 43	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	0 43			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42629793	Wolfjurg 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 25 101 (c)(5)(B)	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 25 101 (c)(5)(B)	Utilizing Existing Easements
42588593	Cross Plains 69 kV Substation Replace Control Building & Equipment	Cross Plains/ Callahan	Replace control house with DICM and associated equipment. Replace CB 5130, MOS 2909 and SW 5066 and associated equipment	10/13/2019	5/15/2020		\$ 3 750 735 00				0	69									16 TAC 25 101 (c)(5)(B)	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		\$ 1 862 949 84				20	69		1 31	795 KCM ACSS "Drake"	Steel Monopole	Centerline	1 31			16 TAC 25 101 (c)(5)(B)	Utilizing Existing Easements Landowners Notified
42817457	North Brady 69 kV Substation Install Relays	Brady/McCulloch	Install new current differential relays at North Brady 69-kV Substation	11/15/2019	4/1/2020		\$ 530 774 00				0	69									16 TAC 25 101 (c)(5)(B)	Within Station Property
42817462	Mason 69 kV Substation Replace relays	Brady/McCulloch	Replace relays at Mason 69-kV Substation	11/15/2019	4/1/2020		\$ 599 941 00				0	69									16 TAC 25 101 (c)(5)(A)	Within Station Property
42762085	Heartland to South Brady Retermination	Brady/McCulloch	Construct 0.25 mile of 69 kV line with 138 kV construction standards between the South Brady Substation and the new Heartland Substation	11/15/2019	4/1/2020		\$ 829 797 00				0	69		0 25	Merline 336 4 ACSR 18/1						16 TAC 25 101 (c)(5)(B)	Within Station Property
42817452	Eden Yellow Jacket Rebuild	Brady/McCulloch Menard	Heartland to Yellow Jacket Project Rebuild 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	11/5/2019	12/30/2019		\$ 536 623 00				0	69		0 20	795 KCM ACSS "Drake"	Steel Mono Pole			100	0 20	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained

AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
DECEMBER 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
42818930	Cryo Saragosa 138 kV Transmission Line	Reeves	Construct 4.7 miles of new 138 kV transmission line to serve a new cryogenic gas processing plant with a load requirement of 108MW for Apache Corporation	11/5/2019	1/29/2020		\$ 4,863,101.00	\$ 4,319,259.00			0		138	4.70	795 KCM ACSS "Drake"	Steel Mono Pole			100	4.70	49671	CCN approved on 10/11/2019
42624959	Veribest Tap - Concho 69-kV Rebuild	San Angelo/ Tom Green	Partially Rebuild and reconductor the Veribest Tap - San Angelo Concho 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/2/2019	5/18/2020			\$ 1,960,288.00			0	69		1.80	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	1.80			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42629573c	Haskell Tap (Str. 332) Stamford (Str. 316) 69-kV Rebuild	Haskell	Rebuild and reconductor the Haskell Tap (Str. 332) to Stamford Substation (Str. 316) 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/9/2019	2/18/2020			\$ 1,218,650.26			0	69		0.96	795 KCM ACSS "Drake"	Steel Monopole	Centerline	0.96	100	0.40	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Utilizing Existing Easements Landowners Noticed Landowner Consent Acquired as necessary
42753347	Solstice Expansion for 345-kV Station	Pecos	Expand Solstice Station to build 345-kV station section in a breaker and a half configuration to add two 345-kV double circuit transmission line terminations two 345/13.8-kV 675 MVA LTC autotransformers and cut in the existing 138-kV station. Includes SCADA, equipment house, breakers, all other associated station protection and control equipment	1/4/2020	12/31/2020			\$ 42,630,708.00			0		345								16 TAC 25.83(a)(3)	Additional Property Purchased
42628573i	Stamford - Cornith Tap 69-kV Rebuild	Stamford/Jones	Rebuild and reconductor the Stamford Substation to Cornith Tap 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	1/6/2020	7/31/2020			\$ 10,980,546.90			0	69		8.65	795 KCM ACSS "Drake"	Steel Monopole	Centerline	8.65			16 TAC 25.101 (c)(5)(B)	Utilizing Existing Easements Landowners Noticed
42917328	Taygete Interconnection Pig Creek 138 kV Substation	Pecos	Install one (1) 138-kV Breaker, SSO Relaying and EPS Metering at Pig Creek 138-kV Substation in order to interconnect Taygete 250 MW Solar Farm	1/18/2020	3/18/2020			\$ 2,200,000.00			0	138									16 TAC 25.83(a)(3)	Within Station Property
42818930	Cryo Saragosa 138 kV Transmission Line	Reeves	Construct 4.7 miles of new 138 kV transmission line to serve a new cryogenic gas processing plant with a load requirement of 108MW for Apache Corporation	11/5/2019	1/29/2020										795 KCM ACSS "Drake"	Steel Mono Pole						
42624959	Veribest Tap - Concho 69-kV Rebuild	San Angelo/ Tom Green	Partially Rebuild and reconductor the Veribest Tap - San Angelo Concho 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/2/2019	5/18/2020										795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	1.80				
42629573c	Haskell Tap (Str. 332) Stamford (Str. 316) 69-kV Rebuild	Haskell	Rebuild and reconductor the Haskell Tap (Str. 332) to Stamford Substation (Str. 316) 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/9/2019	2/18/2020										795 KCM ACSS "Drake"	Steel Monopole	Centerline	0.96	100	0.40		
42753347	Solstice Expansion for 345-kV Station	Pecos	Expand Solstice Station to build 345-kV station section in a breaker and a half configuration to add two 345-kV double circuit transmission line terminations two 345/13.8-kV 675 MVA LTC autotransformers and cut in the existing 138-kV station. Includes SCADA, equipment house, breakers, all other associated station protection and control equipment	1/4/2020	12/31/2020								345									
42628573i	Stamford - Cornith Tap 69-kV Rebuild	Stamford/Jones	Rebuild and reconductor the Stamford Substation to Cornith Tap 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	1/6/2020	7/31/2020									8.65			Centerline	8.65				
42917328	Taygete Interconnection Pig Creek 138 kV Substation	Pecos	Install one (1) 138-kV Breaker, SSO Relaying and EPS Metering at Pig Creek 138-kV Substation in order to interconnect Taygete 250 MW Solar Farm	1/18/2020	3/18/2020								138									
42818930	Cryo Saragosa 138 kV Transmission Line	Reeves	Construct 4.7 miles of new 138 kV transmission line to serve a new cryogenic gas processing plant with a load requirement of 108MW for Apache Corporation	11/5/2019	1/29/2020																	
42624959	Veribest Tap - Concho 69-kV Rebuild	San Angelo/ Tom Green	Partially Rebuild and reconductor the Veribest Tap - San Angelo Concho 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/2/2019	5/18/2020												Centerline	1.80				
42629573c	Haskell Tap (Str. 332) Stamford (Str. 316) 69-kV Rebuild	Haskell	Rebuild and reconductor the Haskell Tap (Str. 332) to Stamford Substation (Str. 316) 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/9/2019	2/18/2020												Centerline	0.96	100	0.40		
42753347	Solstice Expansion for 345-kV Station	Pecos	Expand Solstice Station to build 345-kV station section in a breaker and a half configuration to add two 345-kV double circuit transmission line terminations two 345/13.8-kV 675 MVA LTC autotransformers and cut in the existing 138-kV station. Includes SCADA, equipment house, breakers, all other associated station protection and control equipment	1/4/2020	12/31/2020								345									
42628573i	Stamford - Cornith Tap 69-kV Rebuild	Stamford/Jones	Rebuild and reconductor the Stamford Substation to Cornith Tap 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	1/6/2020	7/31/2020									8.65			Centerline	8.65				
42917328	Taygete Interconnection Pig Creek 138 kV Substation	Pecos	Install one (1) 138-kV Breaker, SSO Relaying and EPS Metering at Pig Creek 138-kV Substation in order to interconnect Taygete 250 MW Solar Farm	1/18/2020	3/18/2020								138									
42818930	Cryo Saragosa 138 kV Transmission Line	Reeves	Construct 4.7 miles of new 138 kV transmission line to serve a new cryogenic gas processing plant with a load requirement of 108MW for Apache Corporation	11/5/2019	1/29/2020																	
42624959	Veribest Tap - Concho 69-kV Rebuild	San Angelo/ Tom Green	Partially Rebuild and reconductor the Veribest Tap - San Angelo Concho 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/2/2019	5/18/2020												Centerline	1.80				
42629573c	Haskell Tap (Str. 332) Stamford (Str. 316) 69-kV Rebuild	Haskell	Rebuild and reconductor the Haskell Tap (Str. 332) to Stamford Substation (Str. 316) 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	12/9/2019	2/18/2020												Centerline	0.96	100	0.40		
42753347	Solstice Expansion for 345-kV Station	Pecos	Expand Solstice Station to build 345-kV station section in a breaker and a half configuration to add two 345-kV double circuit transmission line terminations two 345/13.8-kV 675 MVA LTC autotransformers and cut in the existing 138-kV station. Includes SCADA, equipment house, breakers, all other associated station protection and control equipment	1/4/2020	12/31/2020								345									
42628573i	Stamford - Cornith Tap 69-kV Rebuild	Stamford/Jones	Rebuild and reconductor the Stamford Substation to Cornith Tap 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	1/6/2020	7/31/2020									8.65			Centerline	8.65				
42917328	Taygete Interconnection Pig Creek 138 kV Substation	Pecos	Install one (1) 138-kV Breaker, SSO Relaying and EPS Metering at Pig Creek 138-kV Substation in order to interconnect Taygete 250 MW Solar Farm	1/18/2020	3/18/2020								138									