



Control Number: 46718



Item Number: 243

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SHARYLAND UTILITIES, L.P.
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
September 2017

Public Utility Commission of Texas
Project No. **46718**

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 (\$)	% 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
TPSU 15 005381	New 345kV line from Palmetto to N Edinburg	Cameron County	Construct one half of a new 345 kV transmission line from N Edinburg to Palmetto	03/15/15	05/02/16	06/10/16	140,495,000	140,495,000		100	na	345	48	954 0 kcmil ACSR Cardinal single circuit	Double-circuit capable steel monopoles, lattice structures as appropriate and/or necessary	na	na	150	48	41606	Awaiting final cost information. Condemnation hearing scheduled 10/18/2017
TPSU 13 005537	Elston 345/138 kV	Glasscock County	Construct new 345kV/138kV near an existing 138kV SU line. The new station will receive the two 138kV positions and require a new 345kV line to Bearkat station that is less than one mile in length	12/01/15	01/11/17	138 kV - 12/22/16 345 kV - 1/26/17		11,625,375		100	138	345 / 138	1	1926 9 kcmil aluminum conductor steel reinforced (ACSR/TW) "Cumberland" single circuit	steel monopole	na	na	na	na	25 101(e)	Awaiting final cost information
TPSU 14 005775	Tall City to Glass 138 kV New T Line	Martin and Midland Counties	Construct new 138 kV line from Tall City to Glass	12/12/17			14,602,259			0	na	138	13 06	959 6 kcmil aluminum conductor steel supported (ACSR/TW) "Savannah", single circuit	concrete or steel monopole	na	na	100	13 06	45308	Overall delay due to ROW delays due to new oil lines near the route
TPSU 14 005844	Sale Ranch to Natural Dam 138 kV Transmission Line	Howard and Martin Counties	Construct new 138-kV line from Sale Ranch to Natural Dam	03/08/18			17,497,000			0	na	138	16 98	959 6 kcmil aluminum conductor steel supported (ACSR/TW) "Savannah", single circuit	concrete or steel monopole	na	na	100	16 98	45397	Overall delay due to ROW delays due to new oil lines on the route and sequencing with the Tall City to Glass project to minimize contractor costs
TPSU 15 006045	Phase 1 Upgrade Alibates - AJ Swope T-Line	Potter and Carson Counties	SU will install a second circuit to the existing 345kV T line to accommodate the Phase 1 upgrade of the existing CREZ line from ALI-AJS	10/24/16	06/09/17	06/09/17	16,900,000	16,900,000		99	345	na	46 3	1926 9 kcmil aluminum conductor steel reinforced (ACSR/TW) "Cumberland"	na	175	46 3	na	na	45622	ROW claimant on going through 03/2018
TPSU 15 006044	Phase 1 Upgrade Windmill - AJ Swope T-Line	Deaf Smith, Oldham and Potter Counties	SU will install a second circuit to the existing T-line to accommodate the Phase 1 upgrade of the existing CREZ line from WIND-OGA	02/01/17	07/21/17	07/21/17	16,950,000	16,950,000		100	345	na	46 5	1926 9 kcmil aluminum conductor steel reinforced (ACSR/TW) "Cumberland"	na	175	46 5	na	na	45622	Awaiting final cost information
TPSU 15 006051	Phase 1 Upgrade Windmill - Ogallala T-Line	Castro and Deaf Smith Counties	SU will install a second circuit to the existing 345kV T-line to accommodate the Phase 1 upgrade of the existing CREZ line from WIND-OGA	07/10/17			10,251,300	7,821,133		60	345	na	26 5	1926 9 kcmil aluminum conductor steel reinforced (ACSR/TW) "Cumberland"	na	175	26 5	na	na	45622	
TPSU 15 006048	Phase 1 Upgrade Ogallala - Tule Canyon T-Line	Briscoe and Sutherland Counties	SU will install a second circuit to the existing 345kV T-line to accommodate the Phase 1 upgrade of the existing CREZ line from OSC-TCN	10/01/17			16,000,000	14,044,210		0	345	na	46 6	1926 9 kcmil aluminum conductor steel reinforced (ACSR/TW) "Cumberland"	na	175	46 6	na	na	45622	
TPSU 15 006043	Bay Additions for AJ Swope Phase 1 Upgrade	Potter County	SU will construct double and single breaker bay additions and interconnecting lines to the new 2nd circuit	10/03/16	04/03/17	07/21/17	4,200,000	4,400,000		100	345	na	na	na	na	na	na	na	na	45622	Awaiting final cost information
TPSU 15 006050	Bay Additions for Windmill Phase 1 Upgrade	Deaf Smith County	SU will construct double and single breaker bay additions and interconnecting lines to the new 2nd circuit	10/13/16	02/23/17		2,600,000	2,600,000		99	345	na	na	na	na	na	na	na	na	45622	
TPSU 15 006047	Bay Additions for Ogallala Phase 1 Upgrade	Castro County	SU will construct double and single breaker bay additions and interconnecting lines to the new 2nd circuit	03/03/17	08/11/17	08/11/17	4,200,000	4,415,540		100	345	na	na	na	na	na	na	na	na	45622	Awaiting final cost information
TPSU 15 006049	Bay Addition for Tule Canyon Phase 1 Upgrade	Briscoe County	SU will construct a double breaker bay addition and interconnecting line to the new 2nd circuit	06/08/17			2,398,100	2,687,540		84	345	na	na	na	na	na	na	na	na	45622	
TPSU 15 006020	Sale Ranch to Grady T-Line Upgrade	Martin County	7.4 mile transmission line upgrade replace poles and conductor. install OPGW	09/19/16	1/4/2017	1/4/2017	5,328,021			100	138	na	7.4	959 6 kcmil aluminum conductor steel supported (ACSR/TW) "Savannah" single circuit	concrete or steel monopole	na	na	100	7.4	25 101(c)	Awaiting final cost information
TPSU 15 006039	Stiles Sub upgrade	Reagan County	New transformer, replace reclosers with breakers. add line position and extend control house	06/27/16	03/16/17	03/08/17	9,281,486			100	138,25	na	na	na	na	na	na	na	na	25 101(c)	Awaiting final cost information
TPSU 15 006115	Salt Flat Sub Upgrade-Transformer Install	Midland County	Upgrade transformer	07/05/16			3,952,372			96	138,25	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 15 006117	Telephone Rd Upgrade Transformer	Midland County	Replace existing 138/25 kV transformer with new transformer, upgrade distribution 25 kV feeders	11/04/16	08/24/17		3,906,751			99	345, 138, 25	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 16 006132	Salt Mine Sub Upgrade	Mitchell County	Upgrade communication to fiber and update relays	10/30/17			850,000			0	138	na	na	na	na	na	na	na	na	25 101(c)	Delayed for outage
TPSU 15 006119	Canal Rd Sub Upgrade Transformer	Upton County	Replace existing 138/25 kV transformer with new transformer, upgrade distribution 25 kV feeders	09/08/16	03/31/17	03/31/17	6,886,053			100	138,25	na	na	na	na	na	na	na	na	25 101(c)	Awaiting final cost information
TPSU 15 006003	Bulldog Sub Rebuild	Howard County	New 6 breaker ring bus with 5 breakers installed initially	06/19/17			8,663,469			65	138,25	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 14 005822	Buffalo to Sale Ranch T-Line Upgrade	Martin County	5 Mva Transmission Line Upgrade Replace Poles and Conductor. Install OPGW	10/17/16	03/15/17	03/15/17	5,782,957			100	na	138	5	959 6 kcmil aluminum conductor steel supported (ACSR/TW) "Savannah", single circuit	concrete or steel monopole	na	na	100	5	25 101(c)	Awaiting final cost information
TPSU 15 006011	Swindell Sub Rebuild	Hunt County	New 50 MVA autotransformer, control house, distribution bays, tie breaker, reclosers, switches and communications	10/12/16	08/29/17	05/15/17	7,532,295			100	138,25	na	na	na	na	na	na	na	na	25 101(c)	Awaiting final cost information
TPSU 15 006022	Alibates Bay Addition for Synchronous Condenser	Carson County	Extend bus, install multi-bus A-frame, add breakers	10/03/16			9,552,098			78	345	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 15 006023	Alibates Synchronous Condenser	Carson County	Install synchronous condenser	01/09/17			31,849,680			71	345	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 15 006025	TCN Synchronous Condenser	Briscoe County	Install synchronous condenser	01/09/17			31,840,823			57	345	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 16 006285	Roughneck Tap SSVT Addition	Martin County	Install SSVT to provide primary power to the control building	02/15/17	04/04/17	04/04/17	190,600			100	138	na	na	na	na	na	na	na	na	25 101(c)	Awaiting final cost information
TPSU 14 005658	Coates 138 kV Substation	Reagan County	New 138 kV substation with 138/25 kV transformer	07/09/18			8,726,000			0	na	138	na	na	na	na	na	na	na	46726	
TPSU 14 005659	Stiles to Coates T-Line	Reagan County	New 138kV transmission line from Stiles Station to new Coates Station	07/09/18			9,682,000			0	na	138	8	959 6 kcmil aluminum conductor steel supported (ACSR/TW) "Savannah", single circuit	concrete or steel monopole	na	na	100	8	46726	The route has not yet been selected, cost and length of line are associated with route that Sharyland selected as best meeting the PUC's routing criteria
TPSU 15 006024	TCN Bay AddnLine for Synchronous Condenser	Briscoe County	Extend bus install multi-bus A-frame add breakers	09/08/17			7,246,453			na	na	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 15 006116	Vestmore Second Autotransformer	Howard County	Install new 3 Phase Autotransformer	9/5/2017			16,958,405			0	345, 138	na	na	na	na	na	na	na	na	25 101(e)	

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