



Control Number: 42144



Item Number: 15

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Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Completion)	Date Energized (if applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (KV)	Upgraded or New Voltage (KV)	Circuit or New (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-11-900258 Community Electric System Number: W10052	Sharyland Utilities South Midland County Substation Upgrade (225kV) Rebuild	Midland, Midland County	South Midland Substation is an existing substation that has been in service for over 20 years. The substation is being upgraded for the repair of damage suffered in a 2008/11 switching operation.	02/28/11				1,700,000		82%	138	138	na	na	na	na	na	na	na	25.10(c)(3), 25.83(a)	Project scope includes transformer replacement, busbar replacement, and substation building facilities to current code specifications.
TPSU-12-000319	Colorado City to Barber Lake 138 KV Transmission Line and Driver Substation Modifications to Colorado City Substation to Connect this Line	Midland County	This transmission line was approved by the Commission in Docket No. 04044. It will be constructed from Sharyland's existing Colorado City Substation to Onco's planned Barber Lake Substation along Onco's Morgan Creek to China Grove 138 KV transmission line.	08/01/13	12/04/13	12/04/13	2,318,000 T-Line, 1,100,000 Substation			100%	na	138	3.09	959.6 ACSS/TW, single circuit	Steel monopoles at angles and concrete poles for in-line structures	na	na	75	3.09	04044, 25.10(c)(3)	Awaiting final cost information. When brought into ERCOT, the name for the Colorado City Substation will be Barber Lake Substation.
TPSU-11-900254	Gardendale to Grady 138 KV Transmission Line	Marin County, Midland County	This transmission line was approved by the Commission in Docket No. 40537. The line will connect Sharyland's existing Gardendale to East Midland 138 KV transmission line to Sharyland's existing Grady 138 KV transmission line.	06/28/13			7,650,000			0%	na	138	10.2	959.6 ACSS/TW, single circuit	Steel monopoles at angles and concrete poles for in-line structures	na	na	75	10.2	40537, 25.10(c)(3)	Project cancelled pursuant to outcome of Docket No. 41430.
TPSU-12-000324	1905-Midland to Driver 138 KV Transmission Line and Driver Substation (formerly known as Swyest Substation)	Midland County	This project was approved by the Commission in Docket No. 40545. The line will provide a 1905-Midland to Driver 138 KV transmission line to connect to the existing 1905-Midland to Driver 138 KV transmission line.	10/01/12	04/02/13	04/02/13	6,067,000 T-Line, 8,220,000 Substation	6,067,000 T-Line, 8,220,000 Substation		100%	na	138	8.08	959.6 ACSS/TW, single circuit	Steel monopoles at angles and concrete poles for in-line structures	na	na	75	8.08	40545, 25.10(c)(3)	Awaiting final cost information.
TPSU-12-000324	Upgrade Substation Power Transformer at Midland Substation (205kV)	Glenn County	Upgrade overloaded transformer	12/10/12	07/23/13	07/23/13		1,800,000		100%	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Awaiting final cost information. When brought into ERCOT, the name for this substation will be Central Road Substation.
TPSU-12-000403	Addition of Petrocock Station to Petrocock Substation (205kV)	Upson County	To improve reliability associated with the Swyest and Driver Substations, transmission GCBs will be added to the Petrocock Substation to add line protection and sectionalization facilities in either side of Petrocock.	12/10/12	09/26/13	09/26/13		1,200,000		100%	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Awaiting final cost information. When brought into ERCOT, the name for this substation will be Central Road Substation.
TPSU-12-000412	Upgrade Transformer at Richland Springs Substation	Richland Springs, San Saba County	Upgrade transformer capacity at Richland Springs Substation from 5 MVA to 12 MVA.	12/10/12	08/09/13	08/09/13		1,400,000		100%	69	na	na	na	na	na	na	na	na	25.03(a)(2)	Awaiting final cost information.
TPSU-12-000425	1081 Swyest Breaker Yard (formerly known as Swyest Substation)	Midland County	Interconnection to LCRA T440 line in Midland County	10/01/12	04/02/13	04/02/13		4,100,000		100%	138	na	na	na	na	na	na	na	na	25.83(a)(3)	Awaiting final cost information.
TPSU-12-000382	Railroad DC Tie Expansion	Hidalgo County	Expansion of existing 138 KV transmission interconnection HVDC tie with Comiston Federal de Electricidad (CFE)	05/01/13				42,500,000		70%	138	na	na	na	na	na	na	na	na	25.10(c)(2)	HVDC tie is being expanded from 150 MW to 300 MW.
TPSU-12-000316	Triangle Switch Yard Expansion (at El Paso Substation)	Marin County	Construct a four position breaker station with a 30 MVA transformer	05/15/13	11/21/13	11/21/13		8,500,000		100%	na	138	na	na	na	na	na	na	na	25.10(c)(3)	Awaiting final cost information. When brought into ERCOT, the name for this substation will be Buffalo Substation.
TPSU-12-000404	2670 East Siles Substation	Ragan County	Construction of new substation	05/01/13	10/11/13	10/11/13		7,000,000		100%	na	138	na	na	na	na	na	na	na	25.10(c)(3)	Awaiting final cost information.
TPSU-13-000502	Gardendale Switch Yard	Midland County	Construct an interconnection and ring bus arrangement to connect to Onco's 138 KV transmission line on the Gardendale Substation.	05/20/13				4,500,000		99%	na	138	na	na	na	na	na	na	na	25.10(c)(3)	Awaiting final cost information.
TPSU-12-000426	Elard Substation	Glenn County	Construct a new substation with a 300,000 MVA transformer to connect to the Onco Morgan Creek to Sperry 138 KV line	06/01/13	11/07/13	11/07/13		8,500,000		100%	na	138	na	na	na	na	na	na	na	25.10(c)(3)	Awaiting final cost information.

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TPSU 12.005515	Sites to Pembroke Line Rebuild	Reagan County	Upgrade capacity on the Sites to Pembroke 138 KV Line (P-138)	07/01/13	09/25/13	08/25/13	12,000,000			100%	138	na	24	959.6 ACSS/TW single circuit	Steel monopoles at angles and cross-arms for monopoles for in-line structures	75	24	na	na	25-101(c)(9)	Awaiting final cost information in ERCOT. Pembroke Substation will be Canal Road Substation.
TPSU 12.005523	New 345 KV Loma Alta Station	Cameron County	Construct a new 345 KV Loma Alta station with one 345/138KV/60 MVA transformer and 345 KV line terminal	10/01/14			34,836,000			0%	na	345	na	na	na	na	na	na	na	41605	
TPSU 12.005531	New 345KV line from Loma Alta to N Edinburg	Hidalgo and Cameron Counties	Construct one-half of a new 345 KV transmission line from N. Edinburg to Loma Alta	10/01/14			187,356,000			0%	na	345	82.25	954.0 kcmil ACSR Cardinal, as appropriate as appropriate and/or necessary	Double-circuit capable steel lattice structures as appropriate and/or necessary	na	na	150	62.25	41566	Initial estimated cost and miles of new ROW for this project are included in the CCN application. Estimated project cost and miles of new ROW will be updated upon PUC's ruling decision.
TPSU 13.005551	Sites Substation - Initial Transmission Capacitors	Reagan County	Install 24 MVARS of capacitive support on the transmission line at Sites Substation	1/15/2014			3,000,000			40%	138	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 13.005552	Canal Road Substation - Initial Transmission Capacitors	Upton County	Install 24 MVARS of capacitive support on the transmission line at Canal Road Substation	10/15/2013	12/17/13	12/17/13	3,000,000			100%	138	na	na	na	na	na	na	na	na	25 101(c)	Awaiting final cost information
TPSU 13.005553	Orin Substation - Initial Transmission Capacitors	Midland County	Install 24 MVARS of capacitive support on the transmission line at Orin Substation	1/20/2014			3,000,000			0%	138	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 13.005554	Saint Lawrence Substation - Initial Breakers and Transmission Capacitors	Glasscock County	Install 24 MVARS of capacitive support on the transmission line at Saint Lawrence Substation	1/15/2014			4,200,000			0%	138	na	na	na	na	na	na	na	na	25 101(c)	
TPSU 13.005555	East Midland Substation - Add Transmission Breakers	Midland County	Install 138 KV transmission breakers and connect to the Sharyland Utilities 138 KV line and abandon the temp POI with Oncor	01/15/13			4,200,000			0%	na	138	na	na	na	na	na	na	na	25 101(c)	
TPSU 13.005521	Triangle Substation - Add Transmission Breakers	Marin County	Install 138 KV transmission breakers and connect to the Sharyland Utilities 138 KV line and abandon the temp POI with Oncor	02/15/13			4,000,000			0%	na	138	na	na	na	na	na	na	na	25 101(c)	
TPSU 13.005531	Contract North Midland Substation	Midland County	Construction of new substation consisting of a 304/650 MVA MPT and feeder breakers	01/15/14			7,600,000			0%	na	138	na	na	na	na	na	na	na	25-101(c)(2)	
TPSU 13.005528	Construct Rebel Substation	Glasscock County	Construction of new substation consisting of a 304/650 MVA MPT and feeder breakers	01/10/14			7,600,000			0%	na	138	na	na	na	na	na	na	na	25 101(c)(2)	
TPSU 13.005575	Shywest Interconnection Initial NOE Metering	Midland County	Install Bi-directional NOE Metering at Shywest POI	11/04/13			900,000			99%	na	138	na	na	na	na	na	na	na	25 101(c)	Project will be completed in two phases. With Phase 1 estimated to include installation of a 50 MVAR reactor estimated to be complete 2/28/15. All metrics combine both phases of the project.
TPSU 13.005520	AJ Sweep Station	Potter County	Construction of new station including installation of a 50 MVAR reactor	08/01/13			16,865,000			50%	na	345	na	na	na	na	na	na	na	25-101(c)(2)	Initial estimated cost and miles of new ROW for this project are for the new ROW for this project are for the route included in the CCN application, and include estimated cost for construction of substation and ROW for this project and ROW for this project will be updated upon PUC's ruling decision.
TPSU 13.005528	345 KV line from Crenshaw Energy Center to the new White River Station	Hale County, Potter County	Construction of new 345 KV transmission line to interconnect Golden Spread's Antelope-Elk Energy Center to the new White River Station and construction of 345 KV line and construction of 345 KV line for western terminus of the line	08/01/15			122,755,000			0%	na	345	57.86	1925.9 kcmil ACSR conductor steel lattice structures as appropriate and/or necessary	Double-circuit capable steel lattice structures as appropriate and/or necessary	na	na	175	57.86	42093	
TPSU 13.005527	White River Station	Floyd County	Construction of new station associated with interconnection of Golden Spread's Antelope-Elk line and Shywest POI to Crenshaw 345 KV line	08/01/15			35,387,000			0%	na	345	na	na	na	na	na	na	na	42093	