



Control Number: 41089



Item Number: 167

Addendum StartPage: 0

| Utility's Project Number                                                                | Project Name                                                                                                                                                                                                                                                | Location (GEOGRAPHY)              | 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 Length (Miles) | Conductor Type & Size & Spacing | 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 000528<br>(Formerly Project Number W10052)                                      | Sharyland Utilities South Midland Substation (40254) Rebuild                                                                                                                                                                                                | Midland, Midland County           | South Midland Substation is an existing substation that has been in service for over 20 years. It is located on the south side of the city of Midland. The substation is being rebuilt for the repair of damage suffered in a 228/11 switching operation.                             | 02/28/11                         |                                       |                                |                                        | 1,700,000                              |            | 30%              | 138                   | 138                          | na                     | na                              | na                                                                      | na                        | na                          | na                   | na                     | 25.101(c)(3), 25.83(a)             | Project scope includes transformer upgrade and improvements to substation to bring facilities to current code specifications. |
| TPSU 12 000519                                                                          | Colorado City to Barber Lake 138 KV Transmission Line and 400454 to Colorado City Substation to Connect this Line                                                                                                                                           | Midland County                    | This transmission line was approved by the Commission in Docket No. 40454. It will be constructed from Sharyland's existing Colorado City Substation to Orco's planned Barber Lake Substation. The line is located along Orco's Morgan Creek to China Grove 138 KV transmission line. | 08/01/13                         |                                       |                                | 2,318,000 T-Line, 1,100,000 Substation |                                        |            | 5%               | na                    | 138                          | 3.00                   | 959.6 ACSS/TW, single circuit   | Steel monopoles at angles and concrete monopoles for in-line structures | na                        | na                          | 75                   | 3.09                   | 40454, 25.101(b)(3)                |                                                                                                                               |
| TPSU 11 000254                                                                          | Gardendale to Guady 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 Triangle to Guady 138 KV transmission line.                                         | 06/26/13                         |                                       |                                | 7,850,000                              |                                        |            | 0%               | na                    | 138                          | 10.2                   | 959.6 ACSS/TW, single circuit   | Steel monopoles at angles and concrete monopoles for in-line structures | na                        | na                          | 75                   | 10.2                   | 40537, 25.101(b)(3)                | Construction on hold pending outcome of Docket No. 41430                                                                      |
| TPSU 12 005419<br>(Formerly Project Number W100541)<br>TPSU 12 005420<br>TPSU 12 005421 | 185A-Midland to Diver 138 KV Transmission Line and Diver Substation (40645) as Shywest Breaker Yard to Diver Substation 8175 Transmission Line, Diver Substation 8175 Transmission Line, Diver Substation 8175 Transmission Line, and 1775 Diver Substation | Midland County                    | This project was approved by the Commission in Docket No. 40645. The line will provide a loop connection between Sharyland's existing 185B to Midland 138 KV line and the proposed Diver Substation.                                                                                  | 10/01/12                         | 04/02/13                              | 04/09/13                       | 6,097,000 T-Line, 8,220,000 Substation | 6,097,000 T-Line, 8,220,000 Substation |            | 100%             | na                    | 138                          | 8.08                   | 959.6 ACSS/TW, single circuit   | Steel monopoles at angles and concrete monopoles for in-line structures | na                        | na                          | 75                   | 8.08                   | 40645, 25.101(b)(3)                | Awaiting final cost information                                                                                               |
| TPSU 12 005324                                                                          | Upgrade Substation Power Transformer at Midland Substation (0566)                                                                                                                                                                                           | Glasscock County                  | Upgrade overloaded transformer                                                                                                                                                                                                                                                        | 12/10/12                         | 08/01/13                              |                                |                                        | 1,630,000                              |            | 100%             | 138                   | na                           | na                     | na                              | na                                                                      | na                        | na                          | na                   | na                     | 25.83(a)(3)                        | Awaiting final cost information                                                                                               |
| TPSU 12 005403                                                                          | Addition of Pembroke Breaker at Pembroke Substation (0559)                                                                                                                                                                                                  | Upson County                      | To improve reliability associated with the Shywest Breaker Yard, the Pembroke Breaker will be added to the Pembroke Substation to add line protection and sectionalization capability on either side of Pembroke.                                                                     | 12/10/12                         |                                       |                                |                                        | 1,200,000                              |            | 65%              | 138                   | na                           | na                     | na                              | na                                                                      | na                        | na                          | na                   | na                     | 25.83(a)(3)                        |                                                                                                                               |
| TPSU 12 005412                                                                          | 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                         | 09/09/13                              |                                |                                        | 1,400,000                              |            | 100%             | 69                    | na                           | na                     | na                              | na                                                                      | na                        | na                          | na                   | na                     | 25.83(a)(3)                        | Awaiting final cost information                                                                                               |
| TPSU 12 005425                                                                          | 181 Skywest Breaker Yard (formerly reported as Skywest Switch)                                                                                                                                                                                              | Midland County                    | Interconnection to LCRA T440 line in Midland County                                                                                                                                                                                                                                   | 10/01/12                         | 04/02/13                              | 04/09/13                       |                                        | 4,100,000                              |            | 100%             | 138                   | na                           | na                     | na                              | na                                                                      | na                        | na                          | na                   | na                     | 25.83(a)(3)                        | Awaiting final cost information                                                                                               |
| TPSU 12 005362                                                                          | Relined DC Tie Expansion                                                                                                                                                                                                                                    | Hidalgo County                    | Expansion of existing 138 KV transmission interconnection HVDC tie with Comision Federal de Electricidad (CFE)                                                                                                                                                                        | 05/01/13                         |                                       |                                |                                        | 42,500,000                             |            | 33%              | 138                   | na                           | na                     | na                              | na                                                                      | na                        | na                          | na                   | na                     | 25.101(c)(2)                       | HVDC tie is being expanded from 150 MW to 300 MW                                                                              |
| TPSU 12 005316                                                                          | Triangle Switch Yard (also referred to as West Station Substation)                                                                                                                                                                                          | Marin County                      | Construct a four position breaker station with a 30 MVA Transformer                                                                                                                                                                                                                   | 05/15/13                         |                                       |                                |                                        | 6,500,000                              |            | 15%              | na                    | 138                          | na                     | na                              | na                                                                      | na                        | na                          | na                   | na                     | 25.101(c)(2)                       |                                                                                                                               |

SUD013 (3)  
Revised: 01/01/2011

Page 1 of 2

Sharyland Utilities, L.P.  
Dwight Yarbrough, General Manager  
1031 Andrews Hwy, Suite 600  
Midland, TX 79701  
dwight.yarbrough@sharylandutilities.com

2013 AUG 15 PM 2:51

167

| 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                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|--------------------------------|-------------------------------------|-----------------------------------|--------------------------------|------------|------------------|-----------------------|------------------------------|------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------|-----------------------------|----------------------|------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TPSU 12.005404           | 2570 East Siles Substation                  | Reagan County                | Construction of new substation                                                                                                       | 05/01/13                         |                                     |                                |                                     | 7,000,000                         |                                |            | 15%              | na                    | 138                          | na                     | na                                     | na                                                                                              | na                        | na                          | na                   | 25 101(c)(2)           |                                    |                                                                                                                                                                                                                      |
| TPSU 13.005502           | Gardendale Switch Yard                      | Midland County               | Construct an interconnection and ring bus arrangement to connect to the Orion 138 KV line adjacent to the Gardendale Station         | 05/20/13                         |                                     |                                |                                     | 4,500,000                         |                                |            | 25%              | na                    | 138                          | na                     | na                                     | na                                                                                              | na                        | na                          | na                   | 25 101(c)(2)           |                                    |                                                                                                                                                                                                                      |
| TPSU 12.005426           | Elland Substation                           | Glasscock County             | Construct a new substation with a 300/950 KV transformer and ring bus to connect to the Orion (Morgan Creek to Spratery) 138 KV line | 06/01/13                         |                                     |                                |                                     | 8,500,000                         |                                |            | 15%              | na                    | 138                          | na                     | na                                     | na                                                                                              | na                        | na                          | na                   | 25 101(c)(2)           |                                    |                                                                                                                                                                                                                      |
| TPSU 12.005475           | Siles to Pembroke Line Rebuild              | Reagan County                | Upgrade capacity on the Siles to Pembroke 138 KV Line (24 miles)                                                                     | 07/01/13                         |                                     |                                |                                     | 12,000,000                        |                                |            | 50%              | 138                   | na                           | 24                     | 950.6 ACSR 111KV single circuit        | Steel monopoles at angles and concrete poles for in-line structures                             | 75                        | 24                          | na                   | na                     | 25 101(c)(5)                       |                                                                                                                                                                                                                      |
| TPSU 13.005525           | New 345 KV Loma Alta Station                | Cameron County               | Construct a new 345 KV Loma Alta station with one 345/138KV/450 MVA auto with 345 KV line terminal                                   | 10/01/14                         |                                     |                                | 34,836,000                          |                                   |                                |            | 0%               | na                    | 345                          | na                     | na                                     | na                                                                                              | na                        | na                          | na                   | na                     | 41606                              | Initial estimated cost and miles of new ROW/circuit length are for one-half of the highest cost and longest term ROW/circuit length. Actual cost and ROW/circuit length will be updated upon PUCT's routing decision |
| TPSU 12.005381           | 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                         |                                     |                                | 197,395,000                         |                                   |                                |            | 0%               | na                    | 345                          | 62.25                  | 954.0 local conductors, single circuit | Double-circuit capable steel monopoles; steel poles; structures as appropriate and/or necessary | na                        | na                          | 150                  | 62.25                  | 41606                              |                                                                                                                                                                                                                      |