



Control Number: 36487



Item Number: 176

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SPS  
Transmission Construction Progress Report  
for  
August 2009

Public Utility Commission of Texas  
Project No. **36487**

| Utility's<br>Project<br>Number                           | Project Name                                                 | Location<br>(City/County)                                                                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Estimated (or<br>Actual) Start<br>Date | Finish Date<br>(Construction<br>Complete) | Date<br>Energized<br>(If Applicable) | Initial<br>Estimated<br>Project Cost<br>(\$) | Final<br>Estimated<br>Project Cost<br>(\$) | Final Actual<br>Project Cost<br>(\$) | % Variance | Percent<br>Complete | Existing<br>Voltage<br>(KV) | Upgraded<br>New<br>Voltage<br>(KV) | Circuit<br>Length<br>(Miles) | Conductor<br>Type & Size &<br>Bundling                | Structure<br>Type(s)                                  | Existing<br>ROW Width<br>(Feet) | New<br>ROW Width<br>(Feet) | New ROW<br>Length<br>(Miles) | Rule Section or<br>PUC Control<br>Number | Comments                                                       |
|----------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------------|--------------------------------------------|--------------------------------------|------------|---------------------|-----------------------------|------------------------------------|------------------------------|-------------------------------------------------------|-------------------------------------------------------|---------------------------------|----------------------------|------------------------------|------------------------------------------|----------------------------------------------------------------|
| 10941000<br>11028061<br>10920322<br>10920316<br>11090417 | Musling Station to<br>Seminole Interchange<br>230 KV Project | Gaines & Yoakum<br>County, Texas                                                                      | Approximately 18 miles of 230 KV transmission<br>line from Musling Station to Seminole<br>Interchange.                                                                                                                                                                                                                                                                                                                                                                                    | 02/02/09                               | 06/01/09                                  |                                      | 20,900,241                                   |                                            |                                      |            | 93%                 | 230 KV                      | 230 KV                             | 18                           | 795 kmil,<br>ACSR                                     | Single-pole self<br>supporting steel                  | NA                              | 90                         | 18                           | 35106                                    |                                                                |
| 10783447<br>10996204                                     | Lee County to Midland,<br>TX 230 KV Transmission<br>line     | Lee County, NM,<br>Gaines & Yoakum<br>County, Texas,<br>Andrews County,<br>TX, Midland<br>County, TX. | Replaced Lapp Insulators on all structures<br>Lapp NCI Insulators have an industry record of<br>failure. The failure mechanism is most pronounced on<br>230kv lines and in places where there is greater<br>mechanical stress (ie Dead-ends). Industry<br>experts predict at these Lapp NCI installations<br>a failure history of our own - we are compelled<br>to replace these insulators quickly - before<br>additional and/or more accurate operational and<br>safety issues develop. | 06/08/09                               |                                           |                                      | 707,293                                      |                                            |                                      |            | 95%                 |                             |                                    | 100                          | 2 - 795 kmil,<br>ACSR per<br>phase                    | Wood "H"<br>Structures, Steel<br>dead-ends            | 135                             |                            |                              |                                          | All landowners have been notified of<br>this project by letter |
| 10941000<br>11028061<br>11028066<br>11028072<br>11068685 | Dallam Substation to<br>Sherman Substation                   | Dallam County &<br>Sherman County                                                                     | Construct approximately 41 miles of 115 KV<br>transmission line from Dallam County<br>substation to Sherman                                                                                                                                                                                                                                                                                                                                                                               | 01/01/10                               |                                           |                                      | 11,046,255                                   |                                            |                                      |            |                     | 115                         |                                    | 41                           | 397.5 kcmil<br>ACSR, 267<br>stranded Code<br>Name IBS | Single-Pole &<br>Double-Pole self<br>supporting steel | NA                              | 70                         | 37 to 47                     | 37104                                    |                                                                |

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