



***FCS-2011-001 Shared Facility Study  
for  
Transmission Facilities***

***Deaf Smith County Interchange  
(SPS)***

***SPP Tariff Studies***

***(#FCS-2011-001)***

***March 2012***

## Summary

Southwestern Public Service (SPS) provided Facility Studies at the request of the Southwest Power Pool (SPP) for generation interconnection requests included in FCS-2011-001 Facilities Clustered Study. The requests for generation interconnection were placed with SPP in accordance with SPP's Open Access Transmission Tariff which covers new generation interconnections on the SPP transmission system.

Pursuant to the tariff, SPS was requested to provide costs for required network upgrades to satisfy the Facility Study Agreement executed by the requesting customer and SPP. The specific network upgrade is the replacement of a line trap at Deaf Smith County Interchange.

## Generation Interconnection Customers

The generation interconnection requests covered in this document are as follows:

GEN-2011-012
GEN-2011-014
GEN-2011-021
GEN-2011-022

These interconnection customers are included in the DISIS-2011-001 Impact Study which identified the required network upgrades for each customer in order to interconnect to the transmission system.

## Shared Interconnection Upgrade Facilities Costs

The cost to replacement of a line trap at Deaf Smith County Interchange is \$100,000. The Interconnection Customers' total shared upgrade costs are broken down as follows for each project:

Project	Shared Upgrade Cost
GEN-2011-012	\$17,084.45
GEN-2011-014	\$17,847.82
GEN-2011-021	\$30,539.16
GEN-2011-022	\$34,528.58

This cost allocation is subject to change for restudies conducted by the Transmission Provider in response to the higher queued customers or other customers in the DISIS-2011-001 Impact Study that withdraw their interconnection request or suspend, terminate, or request unexecuted filings of their GIAs.