



# **SPP** *Southwest Power Pool*

***System Impact Study  
SPP-2002-238-Alternate  
For Transmission Service  
Requested By  
ETEC***

***From AEPW To EES***

***For a Reserved Amount Of  
50MW From 1/1/2005 To 1/1/2006***

***SPP Engineering, Tariff Studies***

## **System Impact Study**

ETEC has requested an alternate system impact study to determine the possibility of a redirect from an existing source with confirmed long-term service to EES to the requested source for OASIS reservation 459016. The period of the transaction is from 1/1/2005 to 1/1/2006 for an amount of 50MW.

The principal objective of this study is to identify any facilities that would be greater impacted by the redirected service than the existing service. New facilities impacted by the redirected service and not positively impacted by the existing service would also be identified.

SPP used four seasonal models to study the AEPW to EES 50 MW transfer for the requested service period. The SPP 2003 Series Cases 2004 Summer Peak, 2004/05 Winter Peak, 2009 Summer Peak and 2009/10 Winter Peak were used to study the impact of the 50 MW transfer on the SPP system during the requested service period of 1/1/2005 to 1/1/2006. The Spring Peak models apply to April and May, the Summer Peak models apply to June through September, the Fall Peak models apply to October and November, and the Winter Peak models apply to December through March. The chosen base case models were modified to reflect the most current modeling information. The cases were modified to reflect firm transfers during the requested service period that were not already included in the January 2003 base case series models.

The System Impact Study determined that the redirected service is equivalent to the existing service.