



*System Impact Study SPP-2001-187
For Transmission Service
Requested By
Western Resources Generation
Services*

From WR To KACY

*For a Reserved Amount Of 60MW
From 11/1/01
To 11/1/02*

SPP Transmission Planning

Summary

Western Resources Generation Services has requested a system impact study for long-term Firm Point-to-Point transmission service from WR to KACY. The period of the transaction is from 11/1/01 to 11/1/02. The request is for OASIS reservations 255087 and 255088 for a total of 60MW.

This study was performed to identify the constraints on the SPP Regional Tariff System that result in zero capacity available for the 60MW request.

The 60MW transfer causes an increase in loading on the La Cygne to Stillwell, La Cygne to West Gardner flowgate.

Results

The previously studied WR to KACY request, System Impact Study SPP-2001-144 for Oasis Reservation 248626, identified the La Cygne to Stillwell, La Cygne to West Gardner flowgate as a limiting constraint for this path for the 2002 Summer. The ATC for this path is zero for the 2002 Summer due to the impact on the La Cygne to Stillwell, La Cygne to West Gardner flowgate.

Study Year	From Area - To Area	Flowgate	Branch Over 100% Rate B	Rating	BC % I Loading	TC % I Loading	Outaged Branch That Caused Overload
02SP	KACP-KACP	LacStiLacWgr	57981 LACYGNE7 345 to 57968 STILWEL7 345 CKT 1	1243	102.4	103.1	57981 LACYGNE7 345 to 57965 W.GRDNR7 345 CKT1

The WR to KACY transfer increases the loading on the La Cygne to Stillwell, La Cygne to West Gardner flowgate. For the 2002 Summer, the ATC is zero due to the impact on this flowgate.

The Transmission Owners were given the opportunity to include their units for redispatch in order to provide relief on the flowgates impacted by a certain transaction. The participants owning units that would relieve the La Cygne to Stillwell, La Cygne to West Gardner flowgate declined to participate in the redispatch of those units. No other options are available to provide the capacity needed for the 60MW transfer. Therefore the request for monthly service from WR to KACY must be refused due to the impact on this facility.