



02/24/2011

A list of transmission studies conducted by the SCE&G Transmission Planning department to evaluate Transmission Service Requests (TSR) and Generator Interconnection Requests (GIR) received is included in this document.

**LISTS OF STUDIES**

Yearly, Seasonally, Weekly, Daily, & Hourly Studies

**Description**

ATC and TTC results are computed using power flow analysis tools. The ATCs computed honor thermal limits, contract limits, voltage limits, and test levels performed in the SERC NTSG OASIS Support Studies. On & Off Peak ATC calculations use the expected peak load for a given period. The effect of each transmission reservation on ATC is calculated based on the given source and sink. Sources and sinks are grouped on a control area basis.

**Monthly Studies**

**Description**

The monthly transmission transfer capability information posted is based on Seasonal SERC-NTSG OASIS Study results. These studies will be used as a starting point in calculating SCE&G's ATC values to model known outages of generation and transmission elements deemed to have a significant impact on transmission transfer capability. The SERC-NTSG and its predecessor, VAST Study Group, studies used are:

Study									
98 SUM	CMPL 5/98								
98 FALL	CMPL	CMPL 7/98							
98/99 WIN	CMPL	CMPL	CMPL 10/98						
99 SPR	CMPL	CMPL	CMPL	CMPL 1/99					
99 SUM	CMPL	CMPL	CMPL	CMPL	CMPL 4/99				
99 FALL		CMPL	CMPL	CMPL	CMPL	CMPL 7/99			
99/00 WIN			CMPL	CMPL	CMPL	CMPL	CMPL 10/99		
00 SPR				CMPL	CMPL	CMPL	CMPL	CMPL 1/00	

00 SUM						CMPL	CMPL	CMPL	CMPL	CMPL 4/00
00 FALL	CMPL 7/00						CMPL	CMPL	CMPL	CMPL
00/01 WIN	CMPL	CMPL 10/00						CMPL	CMPL	CMPL
01 SPR	CMPL	CMPL	CMPL 1/01						CMPL	CMPL
01 SUM	CMPL	CMPL	CMPL	CMPL 4/01						CMPL
01 FALL	CMPL	CMPL	CMPL	CMPL	CMPL 7/01					
01/02 WIN		CMPL	CMPL	CMPL	CMPL	CMPL 10/01				
02 SPR			CMPL	CMPL	CMPL	CMPL	CMPL 1/02			
02 SUM				CMPL	CMPL	CMPL	CMPL	CMPL 4/02		
02 FALL						CMPL	CMPL	CMPL	CMPL	CMPL 7/02
02/03 WIN	CMPL 10/02						CMPL	CMPL	CMPL	CMPL
03 SPR	CMPL	CMPL 1/03						CMPL	CMPL	CMPL
03 SUM	CMPL	CMPL	CMPL 4/03						CMPL	CMPL
03 FALL	CMPL	CMPL	CMPL	CMPL 7/03						CMPL
03/04 WIN	CMPL	CMPL	CMPL	CMPL	CMPL 10/03					
04 SPR		CMPL	CMPL	CMPL	CMPL	CMPL 1/04				
04 SUM			CMPL	CMPL	CMPL	CMPL	CMPL 4/04			
04 FALL				CMPL	CMPL	CMPL	CMPL	CMPL 7/04		
04/05 WIN						CMPL	CMPL	CMPL	CMPL	CMPL 10/04
05 SPR	CMPL 1/05						CMPL	CMPL	CMPL	CMPL
05 SUM	CMPL	CMPL 4/05						CMPL	CMPL	CMPL
05 FALL	CMPL	CMPL	CMPL 7/05						CMPL	CMPL
05/06 WIN	CMPL	CMPL	CMPL	CMPL 10/05						CMPL
06 SPR	CMPL	CMPL	CMPL	CMPL	CMPL					





Calpine	Columbia	SC	240	04/16/2004	05/28/2004
Morgan Stanley	CPL	DUKE	55	11/03/2004	12/21/2004
Morgan Stanley	CPL	DUKE	107	11/03/2004	12/21/2004
Duke PM	Columbia	DUKE	420	12/21/2007	03/31/2008
Duke PM	Columbia	DUKE	420	12/21/2007	03/31/2008
Orangeburg	Duke	Orangeburg	210	04/15/2008	06/13/2008
Calpine	Columbia	SOCO	441	03/23/2010	07/02/2010
Calpine	Columbia	SOCO	441	03/23/2010	10/13/2010

## Generator Interconnection Studies

Request #	Interconnection Study Name	Customer Name
Pre-Order 2003 (see contact Information below)		
200006060	System Impact Studies	Columbia Energy LLC
200006060	Facility Study	Columbia Energy LLC
200008250	System Impact Study	
200101170	System Impact Study	SCE&G Jasper County
200101170	Facility Study	SCE&G Jasper County
200103140	System Impact Study	SCE&G Jasper County
200103140	Facility Study	SCE&G Jasper County
200106180	System Impact Study	
200108311	System Impact Study	
200108312	System Impact Study	
Post-Order 2003		
2005110401	Feasibility Study	SCE&G VC Summer #2
2005110403	Feasibility Study	
2005110404	Feasibility Study	
2005110405	Feasibility Study	
2005110406	Feasibility Study	
2005110407	Feasibility Study	
2005110408	Feasibility Study	
2005110409	Feasibility Study	
2005110410	Feasibility Study	
2005110411	Feasibility Study	
2005110412	Feasibility Study	
2006021701	Feasibility Study	SCE&G VC Summer #3
2005110401	System Impact Study	SCE&G VC Summer #2
2005110401	Facilities Study	SCE&G VC Summer #2
2006021701	System Impact Study	SCE&G VC Summer #3
2006021701	Facilities Study	SCE&G VC Summer #3
2005110401	Stability Study for NRC (Excerpts)	SCE&G VC Summer #2 & #3
2008040301	Facilities Study	SCE&G Hagood CT
2008040302	Facilities Study	SCE&G Hagood CT
2009062301	Feasibility Study	
2009062302	Feasibility Study	
2009062303	Feasibility Study	
2009062304	Feasibility Study	
2009062305	Feasibility Study	
2009062306	Feasibility Study	
2009062307	Feasibility Study	
2009062308	Feasibility Study	

2010050601	System Impact Study	
2010050602	System Impact Study	
2010050602	Facilities Study	

**WHO TO CONTACT FOR STUDY REPORTS:**

Requests for study reports should be sent to the following e-mail address:  
[cyoung@scana.com](mailto:cyoung@scana.com)

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