



03/19/2009

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	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	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					

					1/06				
06 SUM		CMPL	CMPL	CMPL	CMPL	CMPL 4/06			
06 Fall			CMPL	CMPL	CMPL	CMPL	CMPL 7/06		
06/07 WIN				CMPL	CMPL	CMPL	CMPL	CMPL 10/06	
07 SPR					CMPL	CMPL	CMPL	CMPL	CMPL 1/07
07 SUM	CMPL 4/07					CMPL	CMPL	CMPL	CMPL
07 FALL	CMPL	CMPL 7/07					CMPL	CMPL	CMPL
07/08 WIN	CMPL	CMPL	CMPL 10/07					CMPL	CMPL
08 SPR	CMPL	CMPL	CMPL	CMPL 1/08					CMPL
08 SUM	CMPL	CMPL	CMPL	CMPL	CMPL 4/08				
08 FALL		CMPL	CMPL	CMPL	CMPL	CMPL 7/08			
08/09 WIN			CMPL	CMPL	CMPL	CMPL	CMPL 10/08		
09 SPR				CMPL	CMPL	CMPL	CMPL	CMPL 1/09	
09 SUM					CMPL	CMPL	CMPL	CMPL	Future
09 FALL						CMPL	CMPL	CMPL	Future
09/10 WIN							CMPL	CMPL	Future
10 SPR								CMPL	Future
10SUM									Future

- Spring - March, April, and May
- Summer - June, July, and August
- Fall - September, October, and November
- Winter - December, January, and February

Network and Firm Reservation Studies (Other TSRs have been received and it was determined that studies were not necessary)

<u>Customer</u>	<u>POR</u>	<u>POD</u>	<u>MWs</u>	<u>Request Received</u> (this is NOT the SIS Agreement received date)	<u>Study Complete</u>

SEMI	SCEG	CPLE	300	03/15/2000	03/22/2000
SEMI	SCEG	SOCO	150	09/30/2000	12/18/2000
SEMI	SCEG	SOCO	100	09/30/2000	12/18/2000
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	104	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	52	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	52	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	52	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	52	11/17/2000	02/02/2001
CRGL	CPLE	SOCO	52	11/17/2000	02/02/2001
CPMT	CPLE	SOCO	100	12/21/2000	02/12/2001
CPMT	CPLE	SOCO	100	12/21/2000	02/12/2001
CPMT	CPLE	SOCO	100	12/21/2000	02/12/2001
TEA	DUK	SC	97	01/05/2001	02/08/2001
SEMI	SCEG	DUK	100	07/12/2001	12/21/2001
SEMI	SCEG	DUK	250	07/12/2001	12/21/2001
SEMI	SCEG	CPLE	250	07/12/2001	12/21/2001
Calpine	SCEG	DUK	103	09/17/2001	01/02/2002
Calpine	SCEG	CPLE	103	09/17/2001	01/02/2002
Calpine	SCEG	SC	103	09/17/2001	01/02/2002
Calpine	SCEG	SOCO	103	09/17/2001	01/02/2002
SCE&G PM	SCEG	CPLE	350		05/21/2004
Calpine	Columbia	CPLE	245	04/07/2004	05/28/2004
Calpine	Columbia	CPLE	245	04/07/2004	05/28/2004
Calpine	Columbia	CPLE	245	04/07/2004	05/28/2004
Calpine	Columbia	CPLE	245	04/07/2004	05/28/2004
Calpine	Columbia	SC	240	04/16/2004	05/28/2004
Morgan Stanley	CPLE	DUKE	55	11/03/2004	12/21/2004
Morgan Stanley	CPLE	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

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

WHO TO CONTACT FOR STUDY REPORTS:

Requests for study reports should be sent to the following e-mail address:
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