Case: 1998 WSCC SUMMER HEAVY LOAD BASE CASE
NW/SW INTERCHANGE SCHEDULE - 3900 MW AC / 3100 MW DC
LF Case: 98SH3F.sav; Mon: ElSegundo.mon.txt; Subsyst: ElSegu

FCITC Single Study

# FCITC Limits Report

Study transfer level - 2500.0 MW. Total violations: 39
First violation - 614.5 MW.

Study transfer. From ELSEGUNDO To SOCALIF_IMP . Transfer level - 2500.0 MW

Violations report ordered by transfer capability.
Maximum transfer 2500.0 MW. Total 39 violations

| N | FCITC | L: Limiting constraint<br>C: Contingency description | Ncon | Pre-Shift Flow | MW Limit | OTDF | LODF | PTDF | Base Case F Init | Fi |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 614.5 | L:34073 ELSEGNDO 230 34445 CHEVRON 220 1 | | 630.5 | 945.0 | 0.51179 | | 0.30823 | 379.8 | 56 |
| | | C:34063 EL NIDO 230 34073 ELSEGNDO 230 1 | 73 | | | | -0.72996 | -0.27887 | -343.5 | -51 |
| | | Open 34063 EL NIDO 230 34073 ELSEGNDO 230 1 | | | | | | | | |
| 2 | 614.9 | L:34063 EL NIDO 230 34445 CHEVRON 220 1 | | -630.3 | -945.0 | -0.51179 | | -0.30823 | -379.6 | -56 |
| | | C:34063 EL NIDO 230 34073 ELSEGNDO 230 1 | 73 | | | | 0.72996 | -0.27887 | -343.5 | -51 |
| | | Open 34063 EL NIDO 230 34073 ELSEGNDO 230 1 | | | | | | | | |
| 3 | 667.0 | L:34063 EL NIDO 230 34073 ELSEGNDO 230 1 | | -613.1 | -945.0 | -0.49764 | | -0.27887 | -343.5 | -52 |
| | | C:34073 ELSEGNDO 230 34445 CHEVRON 220 1 | 92 | | | | -0.70978 | 0.30823 | 379.8 | 58 |
| | | Open 34073 ELSEGNDO 230 34445 CHEVRON 220 1 | | | | | | | | |
| 4 | 667.3 | L:34063 EL NIDO 230 34073 ELSEGNDO 230 1 | | -612.9 | -945.0 | -0.49764 | | -0.27887 | -343.5 | -52 |
| | | C:34063 EL NIDO 230 34445 CHEVRON 220 1 | 77 | | | | 0.70978 | -0.30823 | -379.6 | -58 |
| | | Open 34063 EL NIDO 230 34445 CHEVRON 220 1 | | | | | | | | |
| 5 | 1018.4 | L:34073 ELSEGNDO 230 34445 CHEVRON 220 1 | | 482.7 | 945.0 | 0.45393 | | 0.30823 | 379.8 | 69 |
| | | C:34073 ELSEGNDO 230 34116 LA FRESA 230 1 | 91 | | | | 0.52500 | 0.27753 | 196.1 | 47 |
| | | Open 34073 ELSEGNDO 230 34116 LA FRESA 230 1 | | | | | | | | |
| 6 | 1018.8 | L:34063 EL NIDO 230 34445 CHEVRON 220 1 | | -482.5 | -945.0 | -0.45393 | | -0.30823 | -379.6 | -69 |
| | | C:34073 ELSEGNDO 230 34116 LA FRESA 230 1 | 91 | | | | -0.52500 | 0.27753 | 196.1 | 47 |
| | | Open 34073 ELSEGNDO 230 34116 LA FRESA 230 1 | | | | | | | | |
| 7 | 1237.8 | L:34063 EL NIDO 230 34073 ELSEGNDO 230 1 | | -436.6 | -945.0 | -0.41070 | | -0.27887 | -343.5 | -68 |
| | | C:34073 ELSEGNDO 230 34116 LA FRESA 230 1 | 91 | | | | -0.47500 | 0.27753 | 196.1 | 53 |
| | | Open 34073 ELSEGNDO 230 34116 LA FRESA 230 1 | | | | | | | | |
| 8 | 1359.1 | L:34091 HINSON 230 34126 LITEHIPE 230 1 | | 290.0 | 472.1 | 0.13400 | | 0.07441 | 86.7 | 18 |
| | | C:34054 DELAMO 230 34091 HINSON 230 0 | 55 | | | | -0.45978 | -0.12961 | -442.0 | -61 |

| El Segundo Power Redevelopment Project | Figure 3.6-2. FCITC Limits Report with Base Case, Summer Heavy Loading (Sheet 1 of 3) | 2000 |
|---|---|---|
| El Segundo Power II LLC | | |