

Table 1: Forced outage history for 1L33 and 1L48 138 kV transmission lines.

1L33

Event Start	Outage Duration
10/26/2000 17:45	1 min
6/12/2000 14:11	< 1 min
6/1/2000 19:36	< 1 min
6/1/2000 19:33	< 1 min
6/1/2000 19:33	< 1 min
6/18/2002 2:14	< 1 min
6/30/2003 11:54	< 1 min
3/8/2006 11:27	3 hr 50 min
4/11/2006 8:33	5 hr 36 min
8/2/2006 21:05	17 hr 9 min
12/11/2006 16:34	44 hr 56 min
7/23/2007 2:20	10 min
7/23/2007 2:31	21 min

1L48

Event Start	Outage Duration
6/1/2000 18:33	1 min
6/1/2000 19:34	2 min
6/9/2001 1:17	82 hr 53 min
4/2/2001 12:43	3 hr 37 min
7/22/2001 5:38	29 min
6/17/2002 0:07	19 hr 41 min
7/31/2002 13:17	16 min
12/26/2002 12:02	3 hr 35 min
3/22/2003 6:50	2 hr 24 min
7/23/2007 2:31	21 min
8/13/2007 7:10	1 min
8/25/2007 18:57	19 hr 25 min