

**San Luis Valley - Sargent - Poncha 115 kV
Outage Chart (January 1, 1999 to October 8, 2009)**

Date	Reported By	Line	Duration	Cause	Loss of Load
7/29/2004	PSCo	115 kV / Sargent - Bank 2	1	Lightning / T-Storms	1648 customers
5/7/2007	PSCo	115 kV / Sargent - Bank 2	2	Lightning / T-Storms	416 customers

Exhibit JRD-13

San Luis Valley - Poncha 230 kV Outage Chart

January 1999 through August 2009

couple of minutes	Reported By	Line	Duration	Cause	Loss of Load
5/25/2000	Tri-State	230kV	2	Animal (bird nest)	TS does not maintain data (TR 3-5)
5/28/2000	Tri-State	230kV	7	Unknown	TS does not maintain data (TR 3-5)
7/24/2000	Tri-State	230kV	Auto	Unknown	TS does not maintain data (TR 3-5)
6/5/2002	Tri-State	230kV	6	Unknown	25 MW of load dropped.
5/7/2003	Tri-State	230kV/115kV Transformer	15	Relay Testing Error	20.5 MW of load shed. (TR 7-1)
10/21/2003	Tri-State	230kV/115kV Transformer T2	3	Unknown	No. (TR 7-1)
2/4/2004	Tri-State	230kV/115kV Transformer T2	4	Technician Error	No. (TR 7-1)
2/11/2004	Tri-State	230kV	8	Technician Error	No. (TR 7-1)
2/18/2004	Tri-State	230kV	10	Relay Testing Error	No. (TR 7-1)
6/26/2004	Tri-State	230kV/115kV Transformer T1	30	Unknown	No. (TR 7-1)
6/1/2005	Tri-State	230kV	< 1	Unknown	No. (TR 7-1)
7/25/2006	Tri-State	230kV	< 1	Unknown	No. (TR 7-1)
5/10/2007	Tri-State	230kV/115kV Transformer T2	3	Unknown	No. (TR 7-1)

PSCo also reports that the 230kV line reported only one outage from 1993 to 1998. "Therefore, the reliability of this source is good" TR2-7.A14 at pg. 8.