

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Application of Pacific Gas and Electric)	
Company for Authority, Among Other)	
Things, to Decrease Its Rates and Charges)	Application 94-12-005
for Electric and Gas Service, and Increase)	(Filed December 9, 1994)
Rates and Charges for Pipeline Expansion)	
Service.)	
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Commission Order Instituting		
Investigation into the Rates, Charges,)	
Service and Practices of Pacific Gas)	
and Electric Company.)	Investigation 95-02-015
)	(Filed February 22, 1995)

**REPORT ON SYSTEM RELIABILITY
USING INDICES SET FORTH IN APPENDIX A OF DECISION 96-09-045**

FOR CALENDAR YEAR 2011

PacifiCorp
U 901-E

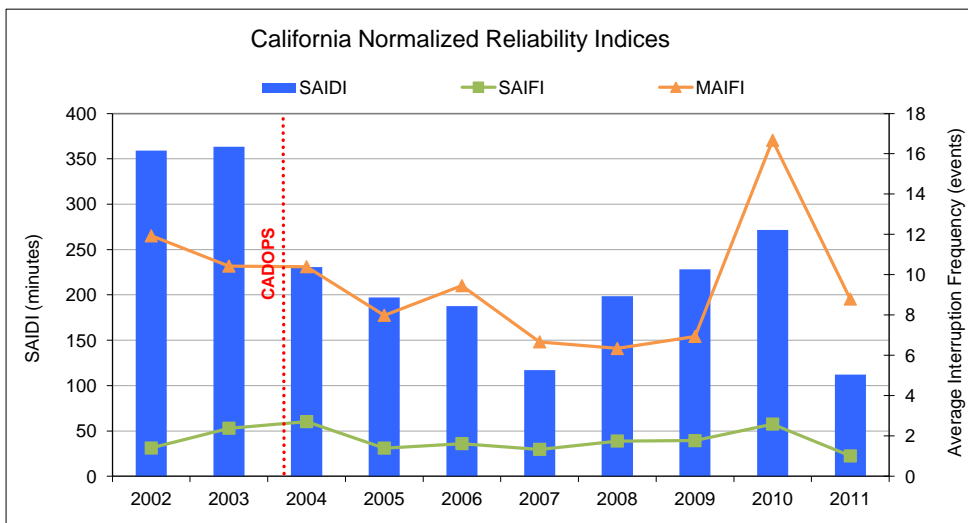
Pacific Power
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Pacific Power CALIFORNIA SYSTEM-WIDE RELIABILITY INDICES
2002 - 2011

Year	Major Events Included ¹			Filed Major Events Excluded (2.5 B P1366)			Major Events Excluded 10% method (D96-09-045)			Major Events Included Adjusted "Normalized" Performance			Major Events Excluded Adjusted "Normalized" Performance		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI ²	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
2002	431.175	1.489	11.930	205.197 ³	0.802		205.197	0.802		754.556	2.606	11.930	359.095	1.404	11.930
2003	597.001	2.744	10.430	270.652 ⁴	1.778		270.652	1.778		801.175	3.682	10.430	363.215	2.386	10.430
2004	674.378	4.702	10.400	171.810	2.022		171.810	2.022		905.015	2.714	10.400	230.569	2.714	10.400
2005	594.199	3.365	7.990	217.531	1.531		197.185	1.400		594.199	3.365	7.990	197.185	1.400	7.990
2006	622.097	4.522	9.460	263.095	2.879		187.757	1.624		622.097	4.522	9.460	187.757	1.624	9.460
2007	516.173	3.670	6.670	200.096	2.590		117.240	1.337		516.173	3.670	6.670	117.240	1.337	6.670
2008	931.712	4.113	6.340	318.136	2.341		198.476	1.751		931.712	4.113	6.340	198.476	1.751	6.340
2009	330.524	2.522	6.940	275.747	2.074		228.247	1.770		330.524	2.522	6.940	228.247	1.770	6.940
2010	1188.030	4.553	16.670	452.440	3.832		271.480	2.592		1188.030	4.553	16.670	271.480	2.592	16.670
2011	277.210	2.296	8.795	277.210	2.296		112.210	1.012		277.210	2.296	8.795	112.210	1.012	8.795
10-Year Average Performance										692.069	3.404	9.563	226.547	1.799	9.563

NOTES:

- 1 - Excludes outages that are customer requested, pre-arranged or resulting from a failure of another company's system.
- 2 - Prior to 2005 the company reported and calculated MAIFI by use of a manual breaker counter algorithm; in the interim, the method of calculating MAIFI has been modified to be industry-standard compliant, at substation breakers that are outfitted with SCADA. For non-SCADA breakers MAIFI is not reasonably calculated using breaker counter readings. The modified calculations were performed retrospectively to prior years' data to correct historic results. These results are inclusive of outages that occurred during major events.
- 3 - Includes late-December 2002 excludable events (totaling 6,235,733 Customer Minutes Lost) that were not formally filed by the Company but which met the criteria.
- 4 - Includes Spring 2003 significant events due to weather (totaling 6,859,718 Customer Minutes Lost) which did not meet exclusion criteria.



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**PACIFIC POWER DISTRIBUTION CIRCUITS AVERAGING MORE THAN 1 SUSTAINED OUTAGE PER MONTH
2002 - 2011**

Notes: Count represents interruptions to the circuit or to a segment of the circuit. Excludes major events and prearranged outages. Effective for the data reported for 2010, an added column shows the counts that conform to the reporting requirements in D.96-09-045. Circuits which meet the reporting requirement are highlighted and the count shown in the column headed "Interruptions at Last Step-Down Transformer Conforming to 5. Reporting". In explanation, this detail relates to the interrupting device at the step-down transformer (not service transformer); all prior year data over-state the number of circuits that meet the requirement of this report, since previously sustained outages were not able to be distinguished at this level.

Year	Circuit ID	Circuit Name	Op Area Name	Interruption Count	Interruptions at Last Step-Down Transformer Conforming to 5. Reporting
2002	5R147	LAKE EARL	CRESCENT CITY	25	
2002	5R151	ROOSEVELT	CRESCENT CITY	22	
2002	5R152	PINE GROVE	CRESCENT CITY	16	
2002	5R152	PINE GROVE	CRESCENT CITY	50	
2002	5R153	DEAD LAKE	CRESCENT CITY	21	
2002	5R160	CRESCENT CTR	CRESCENT CITY	34	
2002	5R165	SOUTH BANK	CRESCENT CITY	15	
2002	5R167	HWY 101	CRESCENT CITY	35	
2002	5R170	NORTH	CRESCENT CITY	14	
2002	5R171	SAWMILL	CRESCENT CITY	23	
2002	5R190	SHIP ASHORE	CRESCENT CITY	37	
2002	5R194	INDUSTRIAL	CRESCENT CITY	25	
2002	5R195	CITY	CRESCENT CITY	23	
2002	4L3	RED ROCK	TULELAKE	13	
2002	5L68	NEWELL	TULELAKE	21	
2002	5L82	EAST	TULELAKE	27	
2002	5L83	TOWN	TULELAKE	17	
2002	5G1	GREENVIEW	YREKA	19	
2002	5G2	PEACH ORCHRD	YREKA	14	
2002	5G41	ETNA TIE	YREKA	17	
2002	5G63	CALLAHAN	YREKA	14	
2003	5R152	PINE GROVE	CRESCENT CITY	35	
2003	5R195	CITY	CRESCENT CITY	26	
2003	5R194	INDUSTRIAL	CRESCENT CITY	25	
2003	5R190	SHIP ASHORE	CRESCENT CITY	25	
2003	5R171	SAWMILL	CRESCENT CITY	23	
2003	5R151	ROOSEVELT	CRESCENT CITY	21	
2003	5R160	CRESCENT CTR	CRESCENT CITY	19	
2003	5R167	HWY 101	CRESCENT CITY	17	
2003	5G83	BEL-AIR	MT SHASTA	14	
2003	5L83	TOWN	TULELAKE	15	
2003	5G63	CALLAHAN	YREKA	27	
2003	5G21	GAZELLE-GRDA	YREKA	26	
2003	5G40	SCOTT BAR	YREKA	19	
2003	5G16	TOWN	YREKA	18	
2003	5G33	TOWN-AGER	YREKA	17	
2003	5G1	GREENVIEW	YREKA	16	
2003	5G5	MAIN STREET	YREKA	15	
2003	5G2	PEACH ORCHRD	YREKA	15	
2003	5G149	HIGHLAND	YREKA	15	
2003	5G7	FAIRLANE	YREKA	14	

Note: A sustained outage does not necessarily mean the entire circuit was without power.

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Year	Circuit ID	Circuit Name	Op Area Name	Interruption Count	Interruptions at Last Step-Down Transformer Conforming to 5. Reporting
2004	5L86	INDUST/TOWN	ALTURAS	30	
2004	5L97	CEDARVILLE	ALTURAS	20	
2004	5L87	HYDRO	ALTURAS	18	
2004	5R152	PINE GROVE	CRESCENT CITY	54	
2004	5R160	CRESCENT CTR	CRESCENT CITY	33	
2004	5R147	LAKE EARL	CRESCENT CITY	32	
2004	5R153	DEAD LAKE	CRESCENT CITY	32	
2004	5R190	SHIP ASHORE	CRESCENT CITY	29	
2004	5R194	INDUSTRIAL	CRESCENT CITY	29	
2004	5R171	SAWMILL	CRESCENT CITY	25	
2004	5R167	HWY 101	CRESCENT CITY	23	
2004	5R165	SOUTH BANK	CRESCENT CITY	22	
2004	5R195	CITY	CRESCENT CITY	22	
2004	5R151	ROOSEVELT	CRESCENT CITY	16	
2004	5R170	NORTH (YUOK)	CRESCENT CITY	15	
2004	5G83	BEL-AIR	MT SHASTA	42	
2004	5G79	PIONEER (MT SHASTA)	MT SHASTA	39	
2004	5G77	BLACK BUTTE	MT SHASTA	36	
2004	5G45	SHASTINA	MT SHASTA	21	
2004	5G93	SCHOOL-TOWN	MT SHASTA	14	
2004	8G95	NUTGLADE	MT SHASTA	14	
2004	5L82	EAST	TULELAKE	39	
2004	5L83	TOWN (TULELAKE)	TULELAKE	27	
2004	4L3	RED ROCK (MACDOEL)	TULELAKE	19	
2004	5L77	SOUTH (MCDOEL)	TULELAKE	16	
2004	5L64	CAL-ORE	TULELAKE	14	
2004	5L68	NEWELL	TULELAKE	13	
2004	5G2	PEACH ORCHRD	YREKA	37	
2004	5G149	HIGHLAND	YREKA	36	
2004	5G21	GAZELLE-GRDA	YREKA	35	
2004	5G7	FAIRLANE	YREKA	33	
2004	5G5	MAIN STREET (GREENHORN)	YREKA	32	
2004	5G63	CALLAHAN	YREKA	32	
2004	5G19	TOWN (HORN BROOK) (CA)	YREKA	29	
2004	5G16	TOWN (HAPPY CAMP)	YREKA	27	
2004	4G1	LAKE (SHASTINA)	YREKA	25	
2004	5G41	ETNA TIE	YREKA	24	
2004	5G23	WHITE MT. (CA)	YREKA	21	
2004	5G1	GREENVIEW	YREKA	19	
2004	5G33	TOWN-AGER	YREKA	17	
2004	5G35	AIR FORCE	YREKA	17	
2004	5G39	SEIAD CRK	YREKA	14	
2004	5G40	SCOTT BAR	YREKA	13	

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2005	5L97	CEDARVILLE	ALTURAS	20	
2005	5L87	HYDRO	ALTURAS	18	
2005	5R152	PINE GROVE	CRESCENT CITY	55	
2005	5R153	DEAD LAKE	CRESCENT CITY	41	
2005	5R194	INDUSTRIAL	CRESCENT CITY	37	
2005	5R190	SHIP ASHORE	CRESCENT CITY	34	
2005	5R165	SOUTH BANK	CRESCENT CITY	28	
2005	5R160	CRESCENT CTR	CRESCENT CITY	27	
2005	5R147	LAKE EARL	CRESCENT CITY	26	
2005	5R171	SAWMILL	CRESCENT CITY	25	
2005	5R167	HWY 101	CRESCENT CITY	24	
2005	5R195	CITY	CRESCENT CITY	20	
2005	5R151	ROOSEVELT	CRESCENT CITY	15	
2005	5G83	BEL-AIR	MT SHASTA	49	
2005	5G45	SHASTINA	MT SHASTA	41	
2005	5G77	BLACK BUTTE	MT SHASTA	40	
2005	5G79	PIONEER (MT SHASTA)	MT SHASTA	39	
2005	5G93	SCHOOL-TOWN	MT SHASTA	14	
2005	5L83	TOWN (TULELAKE)	TULELAKE	41	
2005	5L68	NEWELL	TULELAKE	35	
2005	5L77	SOUTH (MCDOEL)	TULELAKE	29	
2005	5L82	EAST	TULELAKE	24	
2005	4L3	RED ROCK (MACDOEL)	TULELAKE	21	
2005	5L63	TOWN (DORRIS)	TULELAKE	21	
2005	5G63	CALLAHAN	YREKA	41	
2005	5G5	MAIN STREET (GREENHORN)	YREKA	40	
2005	5G1	GREENVIEW	YREKA	39	
2005	5G40	SCOTT BAR	YREKA	39	
2005	5G2	PEACH ORCHRD	YREKA	37	
2005	5G21	GAZELLE-GRDA	YREKA	33	
2005	4G1	LAKE (SHASTINA)	YREKA	31	
2005	5G16	TOWN (HAPPY CAMP)	YREKA	29	
2005	5G23	WHITE MT. (CA)	YREKA	27	
2005	5G7	FAIRLANE	YREKA	27	
2005	5G149	HIGHLAND	YREKA	26	
2005	5G39	SEIAD CRK	YREKA	26	
2005	5G41	ETNA TIE	YREKA	26	
2005	5G163	LENNOX	YREKA	25	
2005	5G35	AIR FORCE	YREKA	25	
2005	5G19	TOWN (HORN BROOK) (CA)	YREKA	24	
2005	5G33	TOWN-AGER	YREKA	18	
2005	8G27	HAMBURG	YREKA	16	

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2006	5L87	HYDRO	ALTURAS	17	
2006	5L86	INDUST/TOWN	ALTURAS	14	
2006	5R152	PINE GROVE	CRESCENT CITY	59	
2006	5R160	CRESCENT CTR	CRESCENT CITY	38	
2006	5R171	SAWMILL	CRESCENT CITY	30	
2006	5R195	CITY	CRESCENT CITY	29	
2006	5R194	INDUSTRIAL	CRESCENT CITY	28	
2006	5R190	SHIP ASHORE	CRESCENT CITY	24	
2006	5R167	HWY 101	CRESCENT CITY	22	
2006	5R151	ROOSEVELT	CRESCENT CITY	20	
2006	5R170	NORTH (YUROK)	CRESCENT CITY	20	
2006	5R153	DEAD LAKE	CRESCENT CITY	19	
2006	5R165	SOUTH BANK	CRESCENT CITY	16	
2006	5R147	LAKE EARL	CRESCENT CITY	14	
2006	7R94	LAUFF	CRESCENT CITY	13	
2006	5G83	BEL-AIR	MT SHASTA	63	
2006	5G77	BLACK BUTTE	MT SHASTA	54	
2006	5G93	SCHOOL-TOWN	MT SHASTA	35	
2006	5G79	PIONEER (MT SHASTA)	MT SHASTA	31	
2006	5G45	SHASTINA	MT SHASTA	30	
2006	5G69	SHASTA SPR	MT SHASTA	20	
2006	5G99	SOUTH (SHOTGUN CREEK)	MT SHASTA	14	
2006	7G75	S DUNSMUIR	MT SHASTA	13	
2006	5L83	TOWN (TULELAKE)	TULELAKE	60	
2006	5L82	EAST	TULELAKE	38	
2006	5L68	NEWELL	TULELAKE	32	
2006	4L3	RED ROCK (MACDOEL)	TULELAKE	24	
2006	5L63	TOWN (DORRIS)	TULELAKE	14	
2006	5G41	ETNA TIE	YREKA	48	
2006	5G2	PEACH ORCHRD	YREKA	44	
2006	5G21	GAZELLE-GRDA	YREKA	38	
2006	5G19	TOWN (HORN BROOK) (CA)	YREKA	35	
2006	4G1	LAKE (SHASTINA)	YREKA	34	
2006	5G1	GREENVIEW	YREKA	33	
2006	5G16	TOWN (HAPPY CAMP)	YREKA	33	
2006	5G5	MAIN STREET (GREENHORN)	YREKA	32	
2006	5G149	HIGHLAND	YREKA	31	
2006	5G35	AIR FORCE	YREKA	31	
2006	5G63	CALLAHAN	YREKA	30	
2006	5G7	FAIRLANE	YREKA	30	
2006	5G33	TOWN-AGER	YREKA	21	
2006	5G23	WHITE MT. (CA)	YREKA	20	
2006	5G40	SCOTT BAR	YREKA	19	
2006	5G39	SEIAD CRK	YREKA	15	

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2007	5L87	HYDRO	ALTURAS	20	
2007	5R147	LAKE EARL	CRESCENT CITY	23	
2007	5R151	ROOSEVELT	CRESCENT CITY	22	
2007	5R152	PINE GROVE	CRESCENT CITY	52	
2007	5R153	DEAD LAKE	CRESCENT CITY	19	
2007	5R160	CRESCENT CTR	CRESCENT CITY	23	
2007	5R165	SOUTH BANK	CRESCENT CITY	18	
2007	5R167	HWY 101	CRESCENT CITY	18	
2007	5R190	SHIP ASHORE	CRESCENT CITY	27	
2007	5R194	INDUSTRIAL	CRESCENT CITY	32	
2007	5R195	CITY	CRESCENT CITY	22	
2007	7R94	LAUFF	CRESCENT CITY	28	
2007	5G45	SHASTINA	MT SHASTA	35	
2007	5G69	SHASTA SPR	MT SHASTA	44	
2007	5G77	BLACK BUTTE	MT SHASTA	49	
2007	5G79	PIONEER (MT SHASTA)	MT SHASTA	33	
2007	5G83	BEL-AIR	MT SHASTA	68	
2007	5G93	SCHOOL-TOWN	MT SHASTA	21	
2007	4L3	RED ROCK (MACDOEL)	TULELAKE	35	
2007	5L63	TOWN (DORRIS)	TULELAKE	20	
2007	5L64	CAL-ORE	TULELAKE	14	
2007	5L68	NEWELL	TULELAKE	28	
2007	5L77	SOUTH (MCDOEL)	TULELAKE	19	
2007	5L82	EAST	TULELAKE	19	
2007	5L83	TOWN (TULELAKE)	TULELAKE	77	
2007	4G1	LAKE (SHASTINA)	YREKA	58	
2007	5G149	HIGHLAND	YREKA	43	
2007	5G151	CENTER TOWN	YREKA	14	
2007	5G16	TOWN (HAPPY CAMP)	YREKA	32	
2007	5G163	LENNOX	YREKA	15	
2007	5G19	TOWN (HORN BROOK) (CA)	YREKA	48	
2007	5G2	PEACH ORCHRD	YREKA	39	
2007	5G21	GAZELLE-GRDA	YREKA	71	
2007	5G23	WHITE MT. (CA)	YREKA	40	
2007	5G31	SOUTH (MONTAGUE)	YREKA	19	
2007	5G33	TOWN-AGER	YREKA	27	
2007	5G35	AIR FORCE	YREKA	48	
2007	5G39	SEIAD CRK	YREKA	21	
2007	5G40	SCOTT BAR	YREKA	21	
2007	5G41	ETNA TIE	YREKA	23	
2007	5G5	MAIN STREET (GREENHORN)	YREKA	55	
2007	5G63	CALLAHAN	YREKA	34	
2007	5G7	FAIRLANE	YREKA	42	
2007	6G25	LITTLE SHASTA	YREKA	31	

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2008	5L87	HYDRO	ALTURAS	18	
2008	5R147	LAKE EARL	CRESCENT CITY	28	
2008	5R151	ROOSEVELT	CRESCENT CITY	20	
2008	5R152	PINE GROVE	CRESCENT CITY	38	
2008	5R165	SOUTH BANK	CRESCENT CITY	17	
2008	5R167	HWY 101	CRESCENT CITY	28	
2008	5R171	SAWMILL	CRESCENT CITY	21	
2008	5R190	SHIP ASHORE	CRESCENT CITY	23	
2008	5R194	INDUSTRIAL	CRESCENT CITY	22	
2008	5R195	CITY	CRESCENT CITY	18	
2008	5G45	SHASTINA	MT SHASTA	22	
2008	5G69	SHASTA SPR	MT SHASTA	15	
2008	5G77	BLACK BUTTE	MT SHASTA	33	
2008	5G79	PIONEER (MT SHASTA)	MT SHASTA	35	
2008	5G83	BEL-AIR	MT SHASTA	65	
2008	5G93	SCHOOL-TOWN	MT SHASTA	25	
2008	5G99	SOUTH (SHOTGUN CREEK)	MT SHASTA	19	
2008	5L63	TOWN (DORRIS)	TULELAKE	16	
2008	5L64	CAL-ORE	TULELAKE	18	
2008	5L68	NEWELL	TULELAKE	34	
2008	5L73	LAVA BEDS	TULELAKE	14	
2008	5L77	SOUTH (MCDOEL)	TULELAKE	17	
2008	5L78	SHEEP MTN	TULELAKE	15	
2008	5L82	EAST	TULELAKE	38	
2008	5L83	TOWN (TULELAKE)	TULELAKE	57	
2008	4G1	LAKE (SHASTINA)	YREKA	21	
2008	5G149	HIGHLAND	YREKA	30	
2008	5G16	TOWN (HAPPY CAMP)	YREKA	20	
2008	5G163	LENNOX	YREKA	14	
2008	5G19	TOWN (HORN BROOK) (CA)	YREKA	35	
2008	5G2	PEACH ORCHRD	YREKA	45	
2008	5G21	GAZELLE-GRDA	YREKA	30	
2008	5G23	WHITE MT. (CA)	YREKA	27	
2008	5G33	TOWN-AGER	YREKA	14	
2008	5G35	AIR FORCE	YREKA	23	
2008	5G39	SEIAD CRK	YREKA	21	
2008	5G40	SCOTT BAR	YREKA	18	
2008	5G41	ETNA TIE	YREKA	23	
2008	5G5	MAIN STREET (GREENHORN)	YREKA	15	
2008	5G6	DAGGETT	YREKA	24	
2008	5G63	CALLAHAN	YREKA	18	
2008	5G7	FAIRLANE	YREKA	21	

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2009	5L86	INDUST/TOWN	ALTURAS	13	
2009	5L87	HYDRO	ALTURAS	16	
2009	5R151	ROOSEVELT	CRESCENT CITY	16	
2009	5R152	PINE GROVE	CRESCENT CITY	41	
2009	5R153	DEAD LAKE	CRESCENT CITY	18	
2009	5R147	LAKE EARL	CRESCENT CITY	27	
2009	5R160	CRESCENT CTR	CRESCENT CITY	36	
2009	5R194	INDUSTRIAL	CRESCENT CITY	18	
2009	5R195	CITY	CRESCENT CITY	13	
2009	5R165	SOUTH BANK	CRESCENT CITY	29	
2009	5R167	HWY 101	CRESCENT CITY	20	
2009	5R170	NORTH (YUROK)	CRESCENT CITY	18	
2009	5R171	SAWMILL	CRESCENT CITY	23	
2009	8G65	CASTELLA	MT SHASTA	21	
2009	8G103	DOG CREEK	MT SHASTA	18	
2009	5G93	SCHOOL-TOWN	MT SHASTA	22	
2009	5G77	BLACK BUTTE	MT SHASTA	63	
2009	5G79	PIONEER (MT SHASTA)	MT SHASTA	41	
2009	5G97	NORTH (SHOTGUN CREEK)	MT SHASTA	23	
2009	5G99	SOUTH (SHOTGUN CREEK)	MT SHASTA	17	
2009	5G83	BEL-AIR	MT SHASTA	66	
2009	5L63	TOWN (DORRIS)	TULELAKE	15	
2009	5L64	CAL-ORE	TULELAKE	17	
2009	4L3	RED ROCK (MACDOEL)	TULELAKE	32	
2009	5L77	SOUTH (MCDOEL)	TULELAKE	29	
2009	5L78	SHEEP MTN.	TULELAKE	24	
2009	5L68	NEWELL	TULELAKE	35	
2009	5L82	EAST	TULELAKE	32	
2009	5L83	TOWN (TULELAKE)	TULELAKE	58	
2009	5L73	LAVA BEDS	TULELAKE	16	
2009	5G23	WHITE MT. (CA)	YREKA	20	
2009	5G2	PEACH ORCHRD	YREKA	45	
2009	5G5	MAIN STREET (GREENHORN)	YREKA	20	
2009	5G7	FAIRLANE	YREKA	19	
2009	5G16	TOWN (HAPPY CAMP)	YREKA	22	
2009	5G19	TOWN (HORN BROOK) (CA)	YREKA	24	
2009	5G21	GAZELLE-GRDA	YREKA	40	
2009	5G33	TOWN-AGER	YREKA	13	
2009	5G35	AIR FORCE	YREKA	13	
2009	5G39	SEIAD CRK	YREKA	13	
2009	4G1	LAKE (SHASTINA)	YREKA	22	
2009	5G41	ETNA TIE	YREKA	30	
2009	5G149	HIGHLAND	YREKA	13	
2009	5G63	CALLAHAN	YREKA	23	

Note: A sustained outage does not necessarily mean the entire circuit was without power.

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Year	Circuit ID	Circuit Name	Op Area Name	Interruption Count	Interruptions at Last Step-Down Transformer Conforming to 5. Reporting
2010	5L87	HYDRO	ALTURAS	26	
2010	5R147	LAKE EARL	CRESCENT CITY	21	
2010	5R151	ROOSEVELT	CRESCENT CITY	25	
2010	5R152	PINE GROVE	CRESCENT CITY	34	
2010	5R153	DEAD LAKE	CRESCENT CITY	16	
2010	5R160	CRESCENT CTR	CRESCENT CITY	33	
2010	5R165	SOUTH BANK	CRESCENT CITY	23	
2010	5R167	HWY 101	CRESCENT CITY	33	
2010	5R170	NORTH (YUROK)	CRESCENT CITY	19	
2010	5R171	SAWMILL	CRESCENT CITY	27	
2010	5R194	INDUSTRIAL	CRESCENT CITY	27	
2010	5R195	CITY	CRESCENT CITY	18	
2010	5R370	Lilly	CRESCENT CITY	29	
2010	5R371	AZALEA	CRESCENT CITY	18	
2010	5G45	SHASTINA	MT SHASTA	20	
2010	5G69	SHASTA SPR	MT SHASTA	16	
2010	5G77	BLACK BUTTE	MT SHASTA	124	20
2010	5G79	PIONEER (MT SHASTA)	MT SHASTA	82	29
2010	5G83	BEL-AIR	MT SHASTA	83	13
2010	5G93	SCHOOL-TOWN	MT SHASTA	26	15
2010	5G97	NORTH (SHOTGUN CREEK)	MT SHASTA	34	
2010	5G99	SOUTH (SHOTGUN CREEK)	MT SHASTA	28	
2010	6G101	SNOWBUSH	MT SHASTA	16	
2010	8G65	CASTELLA	MT SHASTA	19	
2010	4L3	RED ROCK (MACDOEL)	TULELAKE	24	
2010	5L63	TOWN (DORRIS)	TULELAKE	23	
2010	5L68	NEWELL	TULELAKE	26	
2010	5L77	SOUTH (MCDOEL)	TULELAKE	19	
2010	5L82	EAST	TULELAKE	48	
2010	5L83	TOWN (TULELAKE)	TULELAKE	39	
2010	4G1	LAKE (SHASTINA)	YREKA	24	
2010	5G1	GREENVIEW	YREKA	17	
2010	5G149	HIGHLAND	YREKA	24	
2010	5G16	TOWN (HAPPY CAMP)	YREKA	45	13
2010	5G19	TOWN (HORN BROOK) (CA)	YREKA	30	
2010	5G2	PEACH ORCHRD	YREKA	53	
2010	5G21	GAZELLE-GRDA	YREKA	29	
2010	5G23	WHITE MT. (CA)	YREKA	35	
2010	5G31	SOUTH (MONTAGUE)	YREKA	13	
2010	5G33	TOWN-AGER	YREKA	17	
2010	5G35	AIR FORCE	YREKA	27	
2010	5G39	SEIAD CRK	YREKA	17	13
2010	5G40	SCOTT BAR	YREKA	17	
2010	5G41	ETNA TIE	YREKA	57	
2010	5G5	MAIN STREET (GREENHORN)	YREKA	37	
2010	5G63	CALLAHAN	YREKA	18	
2010	5G7	FAIRLANE	YREKA	25	
2010	6G25	LITTLE SHASTA	YREKA	18	

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Year	Circuit ID	Circuit Name	Op Area Name	Interruption Count	Interruptions at Last Step-Down Transformer Conforming to 5. Reporting
2011	5G83	BEL-AIR	MT SHASTA	62	
2011	5G77	BLACK BUTTE	MT SHASTA	58	
2011	5G79	PIONEER (MT SHASTA)	MT SHASTA	54	
2011	5G93	SCHOOL-TOWN	MT SHASTA	54	
2011	5G21	GAZELLE-GRDA	YREKA	52	
2011	5L83	TOWN (TULELAKE)	TULELAKE	44	
2011	5R152	PINE GROVE	CRESCENT CITY	41	
2011	5G16	TOWN (HAPPY CAMP)	YREKA	37	
2011	5G41	ETNA TIE	YREKA	36	
2011	5G7	FAIRLANE	YREKA	36	
2011	5G2	PEACH ORCHRD	YREKA	33	
2011	5L82	EAST	TULELAKE	32	
2011	5R370	Lilly	CRESCENT CITY	32	
2011	5L68	NEWELL	TULELAKE	31	
2011	5G19	TOWN (HORN BROOK) (CA)	YREKA	28	
2011	5R171	SAWMILL	CRESCENT CITY	27	
2011	4G1	LAKE (SHASTINA)	YREKA	26	
2011	5R147	LAKE EARL	CRESCENT CITY	26	
2011	5G149	HIGHLAND	YREKA	24	
2011	5R194	INDUSTRIAL	CRESCENT CITY	24	
2011	5G23	WHITE MT. (CA)	YREKA	23	
2011	5R170	NORTH (YUOK)	CRESCENT CITY	23	
2011	4L3	RED ROCK (MACDOEL)	TULELAKE	21	
2011	5G1	GREENVIEW	YREKA	20	
2011	5R160	CRESCENT CTR	CRESCENT CITY	20	
2011	5R195	CITY	CRESCENT CITY	20	
2011	5L87	HYDRO	ALTURAS	19	
2011	5R167	HWY 101	CRESCENT CITY	19	
2011	5G45	SHASTINA	MT SHASTA	18	
2011	5G40	SCOTT BAR	YREKA	17	
2011	5G63	CALLAHAN	YREKA	17	
2011	5R151	ROOSEVELT	CRESCENT CITY	17	
2011	5L78	SHEEP MTN.	TULELAKE	16	
2011	5R165	SOUTH BANK	CRESCENT CITY	15	
2011	5L97	CEDARVILLE	ALTURAS	14	
2011	5G33	TOWN-AGER	YREKA	13	
2011	5G5	MAIN STREET (GREENHORN)	YREKA	13	
2011	5G6	DAGGETT	YREKA	13	
2011	5R161	COOPER ST	CRESCENT CITY	13	

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PACIFIC POWER'S TOP TEN LARGEST OUTAGES BY CUSTOMER MINUTES LOST
2002 - 2011

Note: Staff to Restore data is not available for individual outages. Major event filings include resource counts for the event.

Significant Outage Events - 2002

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?
1	Loss of Supply (Snow)	12/31/2002	934	2,068,810	2215		NO
2	Loss of Supply (Snow)	12/28/2002	934	1,541,100	1650		NO
3	Loss of Supply (Snow)	12/31/2002	477	1,052,739	2207		NO
4	Loss of Supply (Wind)	12/15/2002	848	703,840	830		YES
5	Loss of Supply (Wind)	12/15/2002	1,314	670,140	510		YES
6	Loss of Supply (Snow)	12/20/2002	380	623,200	1640		NO
7	Loss of Supply (Wind)	12/16/2002	420	553,980	1319		YES
8	Loss of Supply (Snow)	12/31/2002	246	544,890	2215		NO
9	Loss of Supply (Wind)	12/15/2002	1,088	544,000	500		YES
10	Loss of Supply (Wind)	12/15/2002	653	541,990	830		YES

Significant Outage Events - 2003

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?
1	Major Storm or Disaster	12/28/2003	934	2,577,840	2760		YES
2	Major Storm or Disaster	12/28/2003	753	2,078,280	2760		YES
3	Major Storm or Disaster	12/28/2003	477	1,209,672	2538		YES
4	Equipment	2/15/2003	934	1,002,182	1074		NO
5	Major Storm or Disaster	12/28/2003	246	623,856	2538		YES
6	Major Storm or Disaster	12/30/2003	380	449,160	1182		YES
7	Major Storm or Disaster	12/14/2003	1,161	424,926	366		YES
8	Major Storm or Disaster	12/14/2003	1,136	415,776	366		YES
9	Loss of Supply	5/4/2003	1,160	367,720	318		NO
10	Loss of Supply (Wind, Tree)	9/17/2003	1,314	295,650	228		NO

Significant Outage Events - 2004

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?
1	Major Storm or Disaster	1/2/2004	934	2,829,086	3030		YES
2	Major Storm or Disaster	1/2/2004	477	1,329,876	2790		YES
3	Loss of Supply	6/29/2004	913	885,519	972		YES
4	Major Storm or Disaster	1/2/2004	246	745,134	3030		YES
5	Major Storm or Disaster	12/6/2004	1,670	614,944	420		YES
6	Planned (Contractor Construction)	6/16/2004	781	588,978	756		NO
7	Major Storm or Disaster	12/6/2004	1,191	583,590	492		YES
8	Major Storm or Disaster	1/1/2004	934	503,426	540		YES
9	Major Storm or Disaster	1/1/2004	1,527	432,141	282		YES
10	Major Storm or Disaster	12/27/2004	2,304	400,627	174		YES

Significant Outage Events - 2005

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?
1	Major Storm or Disaster	12/31/2005	450	1,299,059	3576		YES
2	Major Storm or Disaster	1/8/2005	348	1,128,921	3642		YES
3	Foreign Interference	10/28/2005	1497	1,033,692	900		YES
4	Major Storm or Disaster	1/8/2005	807	899,033	2394		YES
5	Major Storm or Disaster	12/31/2005	402	868,648	2208		YES
6	Major Storm or Disaster	1/8/2005	245	593,496	2424		YES
7	Major Storm or Disaster	12/30/2005	322	562,475	2562		YES
8	Major Storm or Disaster	1/8/2005	890	413,835	468		YES
9	Major Storm or Disaster	1/8/2005	807	403,002	498		YES
10	Equipment	10/30/2005	2,335	375,601	162		NO

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Significant Outage Events - 2006

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?
1	Major Storm or Disaster	3/5/2006	449	742,305	1677		YES
2	Major Storm or Disaster	3/4/2006	1409	702,692	499		YES
3	Intentional to Clear Trouble	1/1/2006	1120	611,007	581		YES
4	Major Storm or Disaster	12/26/2006	454	596,617	1314		YES
5	Loss of Supply	8/7/2006	898	551,417	614		NO
6	Major Storm or Disaster	3/5/2006	1095	547,025	500		YES
7	Major Storm or Disaster	12/26/2006	401	516,929	1289		YES
8	Planned Customer Notice Given	10/17/2006	1026	472,644	461		NO
9	Planned Customer Notice Given	3/1/2006	441	469,224	1064		YES
10	Loss of Supply	2/26/2006	876	428,736	543		YES

Significant Outage Events - 2007

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?
1	Major Storm or Disaster	2/21/2007	901	1,438,657	1597		YES
2	Major Storm or Disaster	2/22/2007	902	1,161,460	1288		YES
3	Major Storm or Disaster	2/22/2007	674	676,629	1004		YES
4	Major Storm or Disaster	2/21/2007	678	633,071	934		YES
5	Major Storm or Disaster	12/3/2007	924	530,361	574		YES
6	Major Storm or Disaster	2/25/2007	834	435,974	523		YES
7	Major Storm or Disaster	12/3/2007	615	373,090	607		YES
8	Major Storm or Disaster	12/3/2007	643	347,863	541		YES
9	Major Storm or Disaster	2/22/2007	748	331,888	444		YES
10	Major Storm or Disaster	2/22/2007	708	328,854	464		YES

Significant Outage Events - 2008

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?	Restored < 3 Hrs	Restored >3 < 24 Hrs	Restored >24 < 48 Hrs	Restored >48 < 72 Hrs
1	Loss of Transmission Line	1/4/2008	511	1,548,177	3029.7		YES				511
2	Windstorm	1/4/2008	1,033	1,252,667	1212.66		YES		1,033		
3	Loss of Transmission Line	1/10/2008	1,037	1,126,251	1086.06		YES		1,037		
4	Loss of Transmission Line	1/5/2008	1,037	1,100,672	1061.4		YES		1,037		
5	Loss of Transmission Line	2/23/2008	1,029	946,834	920.16		NO		1,029		
6	Tree - Non-preventable	1/8/2008	1,037	936,169	902.76		YES		1,037		
7	Loss of Transmission Line	1/4/2008	1,037	895,726	863.76		YES		1,037		
8	Snow, Sleet and Blizzard	1/8/2008	2,390	834,993	769.2		YES	1,210	1,180		
9	Windstorm	1/4/2008	1,800	803,229	912.3		YES		1,800		
10	Loss of Transmission Line	1/8/2008	1,513	787,622	553.98		YES		1,513		

Significant Outage Events - 2009

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?	Restored < 3 Hrs	Restored >3 < 24 Hrs	Restored >24 < 48 Hrs	Restored >48 < 72 Hrs
1	Loss of Transmission Line	12/24/2009	2,393	605,030	252.8		YES			2,393	
2	Unknown	3/2/2009	1,039	470,105	515.7		NO		1,039		
3	Loss of Transmission Line	12/24/2009	1,847	466,983	252.8		YES		1,847		
4	B/O Equipment	10/27/2009	2,392	422,256	254.4		NO	1,200	1,192		
5	Tree - Non-preventable	3/1/2009	459	383,888	1042.3		NO		459		
6	Tree - Non-preventable	2/15/2009	382	320,727	845.2		NO		382		
7	B/O Equipment	12/27/2009	1,070	302,232	365.5		NO	114	956		
8	Loss of Transmission Line	10/13/2009	995	280,275	281.7		NO		995		
9	Wind	10/14/2009	1,065	273,740	365.8		NO		1,065		
10	Pole Fire	2/23/2009	485	272,053	560.9		NO		485		

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Significant Outage Events - 2010

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?	Restored < 3 Hrs	Restored >3 < 24 Hrs	Restored >24 < 48 Hrs	Restored >48 < 72 Hrs	Restored > 72 Hrs
1	Snow, Sleet and Blizzard	1/19/2010	1,347	4,234,449	5533.8		YES			206	1,073	68
2	Loss of Transmission Line	1/20/2010	1,041	4,091,276	4591.9		YES				890	151
3	Snow, Sleet and Blizzard	1/20/2010	871	3,681,730	4853.5		YES			31	286	554
4	Tree - Non-preventable	1/20/2010	2,014	3,058,895	4822.7		YES	1,250			671	93
5	Tree - Non-preventable	1/19/2010	472	2,053,386	5104.8		YES				264	208
6	Loss of Transmission Line	1/19/2010	1,041	1,375,369	1321.2		YES		1,041			
7	Loss of Transmission Line	1/20/2010	1,400	1,189,230	849.5		YES		1,400			
8	Snow, Sleet and Blizzard	1/19/2010	2,118	1,040,447	5091.0		YES		2,014		68	36
9	Loss of Transmission Line	1/24/2010	1,041	1,012,477	972.6		YES		1,041			
10	Loss of Transmission Line	1/25/2010	1,041	911,779	1446.2		YES		748	293		

Significant Outage Events - 2011

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?	Restored < 3 Hrs	Restored >3 < 24 Hrs	Restored >24 < 48 Hrs	Restored >48 < 72 Hrs	Restored > 72 Hrs
1	Loss of Transmission Line	3/24/2011	1,042	550,141	528.0		NO		1,042			
2	Loss of Transmission Line	12/10/2011	546	430,949	789.3		NO		546			
3	Loss of Transmission Line	2/17/2011	1,043	383,111	367.3		NO		1,043			
4	Snow, Sleet and Blizzard	3/18/2011	2,335	354,489	421.5		NO	1,303	1,032			
5	Loss of Transmission Line	10/10/2011	1,437	343,347	238.9		NO		1,437			
6	Loss of Transmission Line	10/10/2011	1,203	287,437	238.9		NO		1,203			
7	Landslide	4/2/2011	86	226,167	2629.9		NO			86		
8	Equipment Failure	5/3/2011	679	222,033	327.0		NO		679			
9	Loss of Transmission Line	7/31/2011	2,404	219,766	91.4		NO	2,404				
10	Emergency Damage Repair	9/15/2011	1,437	205,826	143.2		NO	1,437				