



825 NE Multnomah, Suite 2000
Portland, Oregon 97232

March 2, 2009

VIA OVERNIGHT DELIVERY

Paul Clanon, Executive Director
California Public Utilities Commission
505 Van Ness Avenue, Room 5222
San Francisco, CA 94102-3298

RE: PacifiCorp's (U-901-E) Report on System Reliability as required by Decision 96-09-045 / Application 94-12-005 / Investigation 95-02-015

Enclosed for filing is a copy of PacifiCorp's, d.b.a. Pacific Power, Report on System Reliability for the 2008 reporting period, using the indices developed in Appendix A of Commission Decision (D.) 96-09-045.

It is respectfully requested that all formal correspondence and Staff requests regarding this filing be addressed to the following:

By E-mail (preferred): datarequest@pacificorp.com

By fax: (503) 813-6060

By regular mail: Data Request Response Center
PacifiCorp
825 NE Multnomah, Suite 2000
Portland, OR 97232

Informal inquiries may be directed to Heidemarie Caswell, Director, Network Performance at 503-813-6216.

Sincerely,


Andrea L. Kelly
Vice President, Regulation

Enclosure

cc: Brian Schumacher – CPUC
David K. Lee – CPUC
Julie Fitch - CPUC

**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)
for Electric and Gas Service, and Increase)
Rates and Charges for Pipeline Expansion)
Service.)

Application 94-12-005
(Filed December 9, 1994)

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 2008.

PacifiCorp

**California PUC
Annual Reliability Report for CY 2008**

**CALIFORNIA SYSTEM-WIDE RELIABILITY INDICES
1999 - 2008**

Year	Major Events Included ⁷			Filed Major Events Excluded (2.5 & 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 ⁴	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
1999 ¹	100.418	0.862	2.947							175.732	1.509	2.947	175.732	1.509	2.947
2000 ²	69.643	0.811	4.670							121.875	1.419	4.670	121.875	1.419	4.670
2001 ³	435.919	2.183	12.920	166.037	1.055		166.037	1.055		762.858	3.820	12.920	290.565	1.846	12.920
2002	431.175	1.489	11.930	205.197 ⁵	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 ⁶	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 ⁸	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 ⁸	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 ⁹	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
										618.539	3.142	8.376	224.171	1.739	8.376

10 Year Average Performance

NOTES:

1 - The Company is unable to apply the criteria for Excludable Major Events as shown in Part (c) of Appendix A on a retroactive basis for the year 1999.

2 - No Excludable Major Events occurred in 2000.

3 - Process improvements and new outage management system implementation have increased reporting of events; this is reflected in higher SAIDI numbers from 2001 forward.

4 - 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.

5 - 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.

6 - Includes Spring 2003 significant events due to weather (totaling 6,859,718 Customer Minutes Lost) which did not meet exclusion criteria.

7 - Excludes outages that are customer requested, pre-arranged or resulting from a failure of another company's system.

8 - Originally-filed report reflected IEEE P1366 2.5 beta method for major event exclusions after 4/1/2005. CY2006 and CY2005 results recast using 10% of operating area customers method (per D.96-09-045) for major event exclusions per CPUC staff data request (email dated 9/18/2007) to show impacts under both methods. All other years already reflect the 10% method.

9 - Performance results for Major Events Excluded are provided under two major event methodologies: the 2.5 beta method (Pacific Power's filing basis beginning 4/2005) and the 10% of operating area customers method.

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**PACIFIC POWER DISTRIBUTION CIRCUITS AVERAGING MORE THAN 1 SUSTAINED OUTAGE PER MONTH
1999 - 2008**

Note: Count represents interruptions to the circuit or to a segment of the circuit.

Year	Circuit ID	Circuit Name	Op Area Name	Sustained Interruption Count
1999	4L3	RED ROCK	TULELAKE	13
1999	5L82	EAST	TULELAKE	18
1999	5L83	TOWN	TULELAKE	25
2000	5L87	HYDRO	ALTURAS	13
2000	5R151	ROOSEVELT	CRESCENT CITY	13
2000	5R152	PINE GROVE	CRESCENT CITY	41
2000	5R160	CRESCENT CTR	CRESCENT CITY	22
2000	5R167	HWY 101	CRESCENT CITY	20
2000	5R170	NORTH	CRESCENT CITY	18
2000	5R171	SAWMILL	CRESCENT CITY	23
2000	5R190	SHIP ASHORE	CRESCENT CITY	15
2000	5R194	INDUSTRIAL	CRESCENT CITY	19
2000	4L3	RED ROCK	TULELAKE	15
2000	5L68	NEWELL	TULELAKE	38
2000	5L78	SHEEP MTN.	TULELAKE	13
2000	5L82	EAST	TULELAKE	28
2000	5L83	TOWN	TULELAKE	31
2001	5L87	HYDRO	ALTURAS	13
2001	5R147	LAKE EARL	CRESCENT CITY	28
2001	5R151	ROOSEVELT	CRESCENT CITY	20
2001	5R152	PINE GROVE	CRESCENT CITY	44
2001	5R153	DEAD LAKE	CRESCENT CITY	15
2001	5R160	CRESCENT CTR	CRESCENT CITY	24
2001	5R165	SOUTH BANK	CRESCENT CITY	17
2001	5R167	HWY 101	CRESCENT CITY	39
2001	5R171	SAWMILL	CRESCENT CITY	31
2001	5R190	SHIP ASHORE	CRESCENT CITY	35
2001	5R194	INDUSTRIAL	CRESCENT CITY	23
2001	5R195	CITY	CRESCENT CITY	24
2001	7R98	NORTH	CRESCENT CITY	16
2001	5G83	BEL-AIR	MT SHASTA	23
2001	4L3	RED ROCK	TULELAKE	22
2001	5L63	TOWN	TULELAKE	19
2001	5L64	CAL-ORE	TULELAKE	17
2001	5L68	NEWELL	TULELAKE	21
2001	5L77	SOUTH	TULELAKE	16
2001	5L82	EAST	TULELAKE	26
2001	5L83	TOWN	TULELAKE	36
2001	4G1	LAKE	YREKA	19
2001	5G1	GREENVIEW	YREKA	26
2001	5G149	HIGHLAND	YREKA	16
2001	5G19	TOWN	YREKA	18
2001	5G2	PEACH ORCHRD	YREKA	38

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	Sustained Interruption Count
2001	5G21	GAZELLE-GRDA	YREKA	21
2001	5G23	WHITE MT.	YREKA	14
2001	5G33	TOWN-AGER	YREKA	15
2001	5G39	SEIAD CRK	YREKA	13
2001	5G40	SCOTT BAR	YREKA	15
2001	5G41	ETNA TIE	YREKA	14
2001	5G43	ISLAND RD	YREKA	20
2001	5G63	CALLAHAN	YREKA	15
2001	5G7	FAIRLANE	YREKA	15
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
2004	5L86	INDUST/TOWN	ALTURAS	30

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	Sustained Interruption Count
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 (YUROK)	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 (HORNBROOK) (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
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

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Year	Circuit ID	Circuit Name	Op Area Name	Sustained Interruption Count
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
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 (YUOK)	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

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	Sustained Interruption Count
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
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

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	Sustained Interruption Count
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
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

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	Sustained Interruption Count
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

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

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**PACIFIC POWER'S TOP TEN LARGEST OUTAGES BY CUSTOMER MINUTES LOST
1999 - 2008**

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

Significant Outage Events - 1999

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event? *
1	Customer Equipment	5/29/1999	2153	346,633	161		NO
2	Trees, Non-Preventable	1/17/1999	250	225,000	900		NO
3	Wind	2/7/1999	400	222,400	556		NO
4	Trees, Non-Preventable	11/8/1999	263	213,030	810		NO
5	Mechanical Failure	5/16/1999	910	181,090	199		NO
6	Trees, Non-Preventable	11/8/1999	263	213,030	810		NO
7	Trees, Non-Preventable	7/13/1999	1,000	172,500	510		NO
8	Trees, Non-Preventable	11/8/1999	170	137,700	810		NO
9	Trees, Non-Preventable	12/8/1999	656	137,202	352		NO
10	Unknown	12/26/1999	493	123,743	251		NO

* The Company is unable to apply the criteria for Excludable Major Events as shown in Part (c) of Appendix A on a retroactive basis for 1999.

Significant Outage Events - 2000

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event? *
1	Tree - Non-preventable	2/14/2000	848	173,138	871		NO
2	Unknown	1/13/2000	721	149,247	207		NO
3	Tree - Non-preventable	2/14/2000	493	133,576	643		NO
4	Mechanical Failure	3/9/2000	2153	118,415	55		NO
5	Other Cause	1/4/2000	800	110,400	138		NO
6	Vandalism or Theft	2/29/2000	250	90,500	362		NO
7	Tree - Non-preventable	2/14/2000	318	84,155	319		NO
8	Mechanical Failure	3/9/2000	1,490	81,950	55		NO
9	Mechanical Failure	3/9/2000	900	77,400	86		NO
10	Other Cause	1/4/2000	550	70,100	134		NO

*No excludable major events occurred in 2000.

Significant Outage Events - 2001

Rank	Description	Date	Number of Customers Affected	Customer Minutes Lost	Longest Customer Interruption (minutes)	Staff to Restore	Excluded Major Event?
1	Tree - Non-preventable	11/28/2001	380	1,300,360	3422		YES
2	Tree - Non-preventable	11/28/2001	246	1,222,878	4993		YES
3	Wind	11/28/2001	1527	792,513	519		YES
4	Snow, Sleet and Blizzard	12/1/2001	599	779,299	1301		NO
5	Tree - Non-preventable	11/29/2001	418	777,898	1861		YES
6	Snow, Sleet and Blizzard	11/28/2001	477	675,432	1416		YES
7	Vehicle Accident	11/15/2001	599	508,551	849		NO
8	Major Storm or Disaster	11/19/2001	838	452,520	540		YES
9	Loss of Supply	12/1/2001	380	421,040	1108		NO
10	Vehicle Accident	12/17/2001	599	392,354	672		NO

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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		