

June 30, 2008

### VIA OVERNIGHT DELIVERY

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

RE: PacifiCorp's (U 901-E) 2007 Annual report of Inspection Activities Filed Pursuant to General Order No. 165

Pursuant to General Order No. 165, PacifiCorp provides an original and one (1) copy of the attached 2007 annual report of inspection activities for electric distribution facilities.

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

By E-mail (preferred): <u>datarequest@pacificorp.com</u>

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 Cathie Allen, Regulatory Manager, at (503) 813-5934.

Sincerely,

andrea L. Kelly/Mcc.

Vice President, Regulation

cc: Brian D. Schumacher

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Commission Order Instituting Investigation into the rates, charges, services, and practices of Pacific Gas and Electric Company. (U 39 M)

I.95-02-015 (Filed February 22, 1995)

Order Instituting Rulemaking for electric distribution facility standard setting.

R.96-11-004 (Filed November 8, 1996)

# PACIFICORP'S (U 901 E) IMPLEMENTATION PLAN FOR INSPECTIONS USING INDICES SET FORTH IN APPENDIX A OF D.97-03-070

### FOR THE CALENDAR YEAR 2007

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Date: June 30, 2008 Attorney for PacifiCorp

# PacifiCorp Inspection and Maintenance Programs California 2007

The attached sheets demonstrate the status of 2007 Inspections, Conditions found and Corrections in the state of California for PacifiCorp owned facilities. PacifiCorp has four districts in California: Tulelake, Alturas, Crescent City and Yreka/Mt. Shasta.

# **Inspections**

Inspections of poles and equipment were completed in 2007 for Urban & Rural Patrol, Detail and Intrusive inspection types. The information includes the type of equipment, the plan for each inspection category, and the actual results of the inspection plan.

## Conditions

Conditions found by the inspections were rated as either A or B priority, with A priority requiring more immediate action than B priority conditions. All A priority conditions will be completed as soon as possible, but in no case later than December 31, 2008. The B priority conditions found in 2007 are being prioritized and will be completed per Company policy.

The report outlines the following requirements aggregated by district:

- Number of conditions found in 2007;
- Number of conditions corrected as of December 31, 2007;
- Number of conditions outstanding as of December 31, 2007; and
- Correction target for immediate hazard and lower priority conditions.

Dated in Portland, Oregon, this 27<sup>th</sup> day of June, 2008.

Respectfully submitted,

Heide Caswell

Director, Network Performance 825 NE Multnomah Street

Portland, OR 97232

Heide.Caswell@PacifiCorp.com

Phone: (503) 813-6216

#### TABLE A-1

#### 2007 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/07 - 12/31/07

#### **PacifiCorp Wood Pole Inspections**

#### Visual Assurance & Detail Inspections

	NO. OF I	FACILITIES		INSPECTION TYPE											
DISTRICT	Distribution Poles	Transmission Poles	O/H Safety (Patrol)	% Compliance Distribution [2]		% Compliance (Dist. & Trans.) [2]	% of Total Poles Inspected [3]	O/H Detail	% Compliance Distribution [2]	% Compliance Transmission [2]	% Compliance (Dist. & Trans.) [2]	% of Total Poles Inspected [3]			
Inspection Cycle	100000000000000000000000000000000000000		2 Yrs				50%	5 Yrs				20%			
Tulelake	13,544	1,738	10,240	99%	98%		67%	3,855	99%	98%	99%	25%			
Alturas	4,606	1,106	2,551	92%	100%	93%	45%	876	100%	100%	100%	15%			
Crescent City	9,966	1,270	4,723	96%	100%	96%	42%	1,561	100%	100%	100%	14%			
/reka/Mt. Shasta	35,252	3,453	18,103	99%	97%	98%	47%	7,256	99%	86%	98%	19%			
Vain Grid	0	1,684	4,716	n/a	95%	95%	280%	1,454	n/a	99%	99%	86%			
California Totals	63,368	9,251	40,333			97%	56%	15,002			99%	21%			

#### Notes:

	NO. OF	FACILITIES	O/H Test &	% of Total	
DISTRICT	Distribution Poles	Transmission Poles	Treat (intrusive) inspection	Poles w/intrusive inspection [1	
Inspection Cycle			10 Yrs	7%	
Tulelake	13,544	1,738	1,120	8%	
			<u>:::::::::::::::::::::::::::::::::::::</u>		
Alturas	4,606	1,106	478	10%	
	1-				
Crescent City	9,966	1,270	705	7%	
Yreka/Mt. Shasta	35,252	3,453	2,956	8%	
Main Grid	0	1,684	0	0%	
California Totals	63.368	9.251	5,259	8%	

- [1] Percentage of intrusive inspections completed for the 2007 General Order 165 Annual Report for Test and Treat (intrusive) inspections is based on a system wide average of the number of inspections performed on the total population of facility points in each District.

  a. In the future the Percentage of Compliance for the Test and Treat (intrusive) inspections will be based on a point by point analysis.

  b. Facility points found to be out of compliance based on point by point analysis for Test and Treat inspections will be identified by 12/31 of each calendar year

# **TABLE A-2** 2007 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/07- 12/31/07

## **PacifiCorp Line Equipment Inspections**

	<u> </u>		Saf	ety (Patrol)	Rural (1)	Detailed Rural (1)			
District/Equipment	Туре	QTY	Plan <sup>(2)</sup>	Actual	% Complete	Plan (2)	Actual	% Complete	
			2 Yrs		50%	4 or 5 Yrs		20-25%	
Tulelake						440			
Transformers	Overhead	2590	1,327	4 700	F00/	443	558	16%	
Switch/Protect Device	Overhead	778	398	1,723	50%	133	558	10%	
Regs/Caps	Overhead	48	25			8		00/	
All	Pad Mounted**	81				10	1	2%	
Tota	I		1,750	1,723	50%	594	559	16%	
Alturas									
Transformers	Overhead	1056	527			201			
Switch/Protect Device	Overhead	165	82	508	42%	31	232	19%	
Regs/Caps	Overhead	1	0	<u> </u>		0	400 00		
All	Pad Mounted**	45				7	7	15%	
Tota	1		610	508	42%	239	239	19%	
Crescent City									
Transformers	Overhead	3488	1,563			552			
Switch/Protect Device	Overhead	1943	871	2,206	41%	307	851	16%	
Regs/Caps	Overhead	2	1	]		0		İ.,	
All	Pad Mounted**	1166				233	227	19%	
Tota	1	1	2,435	2,206	41%	1,092	1,078	16%	
Yreka/Mt. Shasta									
Transformers	Overhead	9214	4,489			1,840			
Switch/Protect Device	Overhead	6419	3,127	7,444	47%	1,282	3,027	19%	
Regs/Caps	Overhead	101	49			20			
All	Pad Mounted**	3370				1,060	966	29%	
Tota		<u> </u>	7,665	7,444	47%	4,201	3,993	21%	
California Totals									
Transformers	Overhead	16348	7,966			3,046			
Switch/Protect Device	Overhead	9305	4,534	12,001	47%	1,734	4,656	18%	
Regs/Caps	Overhead	152	74	1		28			
All	Pad Mounted**	4662				1,317	1,205	26%	
Tota	<del></del>	+	12.573	12,001	47%	6,125	5.861	19%	

### NOTES:

[1] PacifiCorp has no Urban area in its California service territory.

Urban is defined as those areas with a population of more than 1,000 persons per square mile and Rural as those with a population less than 1,000 persons per square mile as determined by the U.S. Bureau of the Census.

U. S. Bureau of the Census reports the population densities below (using 2006 Estimated Census data)

7.1 persons/sq.mi.

Siskiyou County (Tulelake, Yreka, Mt. Shasta)

28.7 persons/sq.mi.

Del Norte County (Crescent City) Modoc County (Alturas)

2.4 persons/sq.mi.

[2] Planned inspection cycle:

Patrol 2 years

Detailed

Overhead

5 years 4 years

Pad Mounte 4 years

\*\* PacifiCorp has implemented a 2 year stand alone visual assurance inspection to all UG facility points to begin in CY2008

<sup>[3]</sup> Percentage complete for Visual Assurance and Detail Inspections for line equipment is based on a system wide percentage of inspections performed on the total population of facility points in each District.

# TABLE B-1 2007 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/07 - 12/31/07

## **PacifiCorp Wood Pole Conditions**

DISTRICT	CON	DITIONS FO	UND	CONDITIONS CORRECTED			REMOVED FROM SYSTEM			CONDIT	юмѕ <u>о</u> итѕ	TANDING	REASON WHY CORRECTION IS OUTSTANDING	DATE CORRECTION WILL BE
	Α	В	С	_ A	В	С	Α	В	С	Α	В	С		COMPLETED BY
Tulelake	13	63	0	22	48	0	0	1	0	0	58	0	A's & B's planned to be completed consistent with company policy	Per note
Alturas	0	17	0	0	15	0	5	1	0	0	16	0	A's & 'B's planned to be completed consistent with company policy	Per note
Crescent City	4	34	0	19	21	0	0	0	0	0	108	0	A's & B's planned to be completed consistent with company policy	Per note
Yreka/Mt. Shasta	43	205	16	46	316	1	5	48_	1	7	419	16	A's B's & C's planned to be completed consistent with company policy	Per note
California Total	60	319	16	87	400	1	10	50	1	7	601	16	_	

# **PacifiCorp Street Light Conditions**

DISTRICT	CONDITIONS FOUND			ONDITIONS FOUND CONDITIONS CORRECTED					REMOVED FROM SYSTEM			TANDING	REASON WHY CORRECTION IS OUTSTANDING	DATE CORRECTION WILL BE
	Α	В	С	A	В	С	A	В	С	A	В	С		COMPLETED BY
Tulelake	0	0	0	0	7	0	0	0	0	0	0	0		Per note
Alturas	0	1	- 0	0	20	0	0	0	0	0	4	0	B's planned to be completed consistent with company policy	Per note
Crescent City		6	0	0	10	0	0	0	0	0	14	0	B's planned to be completed consistent with company policy	Per note
Yreka/Mt. Shasta	0	290	2	0	25	0	0	59	0	0	362	2	B's & C's planned to be completed consistent with company policy	Per note
				^					^	٥	200	,		

# TABLE B-2 2007 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/07 - 12/31/07

## **PacifiCorp Equipment Conditions**

DISTRICT	Туре	CONDITI	CONDITION RATING FOUND			RECTIVE A		RE	MOVED F		CONDIT	ONS OUTS	TANDING	REASON WHY CORRECTION IS OUTSTANDING	DATE CORRECTION WILL BE COMPLETED
		Α	В	СС	A	В	С	A	В	С	Α	В	C		BY
Tulelake															
				1		İ	ĺ				ĺ			B's & C's planned to be completed	
Transformers	Overhead	_0	32	1	0	27	0	0	0	0	0	32	1	consistent with company policy	Per note
Switch/Protect Device	Overhead	0	2	0	0	0	0	0	0	0	0	2	0	B's planned to be completed consistent with company policy	Per note
Regs/Caps	Overhead	0	0	0	0	0	0	0	0	0	0	0	0		
						<b> </b>								B's planned to be completed	
All	Padmounted	0	0	0	0	0	0	0	0	0	0	1	0	consistent with company policy	Per note
Alturas									<u>pinininin</u>						
								_			_	_	_	B's & C's planned to be completed	
Transformers Switch/Protect Device	Overhead Overhead	0	0	0	0	0	0	0	0	0	0	0	0	consistent with company policy	Per note
Regs/Caps	Overhead	ō	0	0	0	0	0	0	0	0	0	0	0	· · · · · · · · · · · · · · · · · · ·	
All	Padmounted	0	0	0	0	0	0	0	0	0	0	0	0		
Crescent City															
Uldate and	100000000000000000000000000000000000000		<u> </u>											A's, B's & C's planned to be	
Transformers	Overhead	1	116	1	1	22	0	0	0	0	0	122	1	completed consistent with company policy	Per note
Tansionners										<u> </u>				B's planned to be completed	
Switch/Protect Device	Overhead	0	1	0	0	0	0	0	0	0	0	1	0	B's planned to be completed	Per note
Regs/Caps	Overhead	0	1	0	0	0	0	0	0	0	0	1	0	consistent with company policy	Per note
All	Padmounted	0	1	0	0	1	0	0	0	0	0	1	0	B's planned to be completed consistent with company policy	Per note
Yreka	radificulted									, i					
TIERA	1::::::::::::::::::::::::::::::::::::::	11111111111111	1-1-1-1-1-1-1	1-1-1-1-1-1-1-	*1*1*1*1*1*1	.1.1.1.1.1.1.	1-1-1-1-1-1-1	1-1-1-1-1-1	*1********	*1*1*1*1*1	**********			A's, B's & C's planned to be	***********
T	Overhead	8	435	18	8	83	0	0	39	0	0	702	19	completed consistent with company policy	Per note
Transformers	Overnead	- 1	400	. 10			<u> </u>		- 55			702	- 10		1 01 11010
0. 11.11.11.11.11.11.11.11.11.11.11.11.11	0	1	2	0	1	6		0	1	0	0	2	0	A's & B's planned to be completed consistent with company policy	Per note
Switch/Protect Device	Overhead	'		0										B's planned to be completed	remote
Regs/Caps	Overhead	0	4	0	0	2	0	0	0	0	0	4	0	consistent with company policy A's, B's & C's planned to be	Per note
		f												completed consistent with	
All	Padmounted	3	23	4	4	5	0	0	1	0	0	36	4	company policy	Per note
Mt. Shasta															
Transformers	Overhead	0	0	. 0	0	0	0	0	0	0	0	0	0		
Switch/Protect Device	Overhead	0	0	0	0	0	0	0	0	0	0	0	0		
Regs/Caps	Overhead	0	0	0	0	0	0	0	0	0	0	0	0		
All	Padmounted	0	0	0	0	0	0	0	0	0	0	0	0		
CA Total															
Transformers	Overhead	9	583	22	9	136	0	0	39	0	0	856	23		
Switch/Protect Device	Overhead	1	5	0	1	6	0	0	1	0	0	5	0		
Regs/Caps	Overhead	0	5	0	0	2	0	0	0	0	0	5	0		
All	Padmounted	3	24	4	4	6	0	0	1	0	0	38	4		