

e-FILING REPORT COVER SHEET

REPORT NAME: Oregon Solar Incentive Program Rate Impact Report

COMPANY NAME: PacifiCorp d/b/a/ Pacific Power

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?  No  Yes

If yes, please submit only the cover letter electronically. Submit confidential information as directed OAR 860-001-0070 or the terms of an applicable protective order.

If known, please select designation:  RE (Electric)  RG (Gas)  RW (Water)  
 RO (Other)

Report is required by:  OAR 860-084-0380  
 Statute  
 Order  
 Other

Is this report associated with a specific docket/case?  No  Yes  
If Yes, enter docket number:

Key words: Oregon Solar Incentive Program Rate Impact Report

If known, please select the PUC Section to which the report should be directed:

- Corporate Analysis and Water Regulation
- Economic and Policy Analysis
- Electric and Natural Gas Revenue Requirements
- Electric Rates and Planning
- Natural Gas Rates and Planning
- Utility Safety, Reliability & Security
- Administrative Hearings Division
- Consumer Services Section

**PLEASE NOTE: Do NOT use this form or e-filing with the PUC Filing Center for:**

- Annual Fee Statement form and payment remittance or
- OUS or RSPF Surcharge form or surcharge remittance or
- Any other Telecommunications Reporting or
- Any daily safety or safety incident reports or
- Accident reports required by ORS 654.715.



825 NE Multnomah, Suite 2000  
Portland, Oregon 97232

November 1, 2012

***VIA ELECTRONIC FILING***

Public Utility Commission of Oregon  
550 Capitol Street NE, Suite 215  
Salem, OR 97301-2551

Attn: Filing Center

**Re: Oregon Solar Incentive Program Rate Impact Report**

Please find enclosed PacifiCorp d/b/a/ Pacific Power's Oregon Solar Incentive Program Rate Impact Report per OAR 860-084-0380.

It is respectfully requested that all formal data requests regarding this filing be addressed to:

By e-mail (preferred): [datarequest@pacificorp.com](mailto:datarequest@pacificorp.com)

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

Informal inquiries regarding this filing may be directed to Bryce Dalley, Director, Regulatory Affairs & Revenue Requirement at (503) 813-6389.

Sincerely,

William R. Griffith  
Vice President, Regulation

Enclosures

**Pacific Power**  
**Estimated Rate Impact of OSIP Cost Recovery**  
1-Nov-12

	<b>Total Retail</b>	<b>Residential</b>	<b>Sm/Med General Svc</b>	<b>Large General Svc</b>	<b>Irrigation</b>
<b>2013</b>	0.29%	0.25%	0.30%	0.38%	0.25%
<b>2014</b>	0.34%	0.30%	0.36%	0.46%	0.30%
<b>2015</b>	0.35%	0.31%	0.37%	0.47%	0.31%
<b>2016</b>	0.33%	0.29%	0.35%	0.45%	0.29%
<b>2017</b>	0.33%	0.28%	0.34%	0.43%	0.28%
<b>2018</b>	0.32%	0.28%	0.33%	0.42%	0.28%
<b>2019</b>	0.31%	0.27%	0.32%	0.41%	0.27%
<b>2020</b>	0.30%	0.26%	0.31%	0.40%	0.26%
<b>2021</b>	0.29%	0.25%	0.30%	0.39%	0.25%
<b>2022</b>	0.28%	0.25%	0.29%	0.37%	0.25%
<b>2023</b>	0.27%	0.24%	0.28%	0.36%	0.24%
<b>2024</b>	0.26%	0.23%	0.28%	0.35%	0.23%
<b>2025</b>	0.26%	0.22%	0.27%	0.34%	0.22%
<b>2026</b>	0.23%	0.20%	0.24%	0.31%	0.20%
<b>2027</b>	0.18%	0.16%	0.19%	0.24%	0.16%
<b>2028</b>	0.06%	0.06%	0.07%	0.09%	0.06%
<b>2029</b>	0.02%	0.02%	0.02%	0.03%	0.02%

Note: Assumes 3% annual revenue growth.

**Estimated Cost of the Oregon Solar Incentive Program  
November 1, 2012**

<i>(aa)</i>	<i>(bb)</i>	<i>(cc)</i>	<i>(cc)</i>	<i>(cc)</i>	<i>(dd)</i>	<i>(KWH * Energy Value)</i>	<i>(cc)</i>	<i>(Tot of Rev &amp; Costs)</i>	
Year	KWH	Payments	Enroll Cost	Metering	Ongoing costs	Energy Value per KWH	Energy Value	Meter Rev	Total
2010/									
2011*	967,154	\$ 423,296	\$ 433,417	\$ 39,014	\$ -	\$ 0.0317	\$ 30,671	\$ 18,599	\$ 846,457
2012*	4,175,261	\$ 1,641,824	\$ 352,756	\$ 26,806	\$ -	\$ 0.0317	\$ 132,411	\$ 54,368	\$ 1,834,608
2013	11,008,116	\$ 3,442,455	\$ 425,000	\$ 50,000	\$ -	\$ 0.0317	\$ 349,102	\$ 90,000	\$ 3,478,354
2014	14,067,363	\$ 4,399,142	\$ 425,000	\$ 50,000	\$ -	\$ 0.0317	\$ 446,120	\$ 120,000	\$ 4,308,022
2015	15,111,890	\$ 4,725,787	\$ 425,000	\$ -	\$ -	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,551,542
2016	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2017	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2018	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2019	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2020	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2021	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2022	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2023	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2024	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2025	15,111,890	\$ 4,725,787	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 479,245	\$ 120,000	\$ 4,461,542
2026	14,144,736	\$ 4,423,339	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 448,574	\$ 120,000	\$ 4,189,765
2027	10,936,629	\$ 3,420,100	\$ -	\$ -	\$ 335,000	\$ 0.0317	\$ 346,835	\$ 90,000	\$ 3,318,265
2028	4,103,774	\$ 1,283,331	\$ -	\$ -	\$ 135,000	\$ 0.0317	\$ 130,143	\$ 60,000	\$ 1,228,188
2029	1,044,527	\$ 326,644	\$ -	\$ -	\$ 135,000	\$ 0.0317	\$ 33,125	\$ 30,000	\$ 398,519
	226,678,350	\$ 71,017,145	\$ 2,061,173	\$ 165,820	\$ 4,290,000		\$ 7,155,554	\$ 1,872,967	\$ 68,370,617

\* Actual Costs for program Year 2010, 2011, and 2012

**Estimated Blended Rate and KWH Output  
November 1, 2012**

<b>Date</b>	<b>Tot KWH</b>	<b>Est. Dollars</b>	<b>(aa) KWH</b>	<b>(bb) Payments</b>
7/1/10	1,305,245	\$ 543,668		
10/1/10	1,136,650	\$ 591,507	2,441,895	\$ 1,135,175
4/1/11	1,767,457	\$ 654,018		
10/1/11	1,131,799	\$ 328,001	2,899,257	\$ 982,019
4/1/12	2,859,999	\$ 769,962		
10/1/12	2,581,359	\$ 711,540	5,441,358	\$ 1,481,502
4/1/13	2,817,798	\$ 752,457		
10/1/13	1,511,583	\$ 374,635	4,329,381	\$ 1,127,092
<b>Total</b>			<b>15,111,890</b>	<b>\$ 4,725,787</b>

**Estimated Development, Enrollment and Ongoing Program Costs  
November 1, 2012**

Development and Enrollment Cost Year 1	\$	475,000	<i>(cc)</i>
Enrollment Cost Years 2 through 5	\$	425,000	<i>(cc)</i>
Metering Cost Year 1 through 4	\$	50,000	<i>(cc)</i>
Ongoing Cost Year 6 through 17	\$	335,000	<i>(cc)</i>
Ongoing Cost Year 18 through 19	\$	135,000	<i>(cc)</i>
Revenue Meter Throughout Program	\$10 per Month		<i>(cc)</i>

\* Revenue Meter is based on \$10 per month for 250 enrollments each year.

**Estimated Energy Value for Program Costs**  
**From UE 227 2012 TAM Update**  
**November 1, 2012**

Date	Price
1/1/2012	\$ 32.90
2/1/2012	\$ 31.06
3/1/2012	\$ 28.60
4/1/2012	\$ 27.30
5/1/2012	\$ 22.07
6/1/2012	\$ 18.88
7/1/2012	\$ 32.99
8/1/2012	\$ 38.79
9/1/2012	\$ 36.98
10/1/2012	\$ 34.04
11/1/2012	\$ 37.37
12/1/2012	\$ 39.59
Average:	\$ 31.71
Conversion to KWH	0.001
Energy Value Per KWH:	\$ 0.03171 <i>(dd)</i>

Incentive Estimate by Allotment Period

	Capacity	KWH	Tot KWH	Est Rate	Est \$		
7/1/10 S <sup>1</sup>	371.03	1311.00	486420.33	\$ 0.61	\$ 296,716		
M <sup>1</sup>	124.58	1311.00	163324.38	\$ 0.55	\$ 89,828		
L <sup>2</sup>	500.00	1311.00	655500.00	\$ 0.24	\$ 157,123		
	995.61		1305244.71	\$ 0.47	\$ 543,668		
10/1/10 S <sup>1</sup>	472.48	1311.00	619421.28	\$ 0.54	\$ 335,479		
M <sup>1</sup>	394.53	1311.00	517228.83	\$ 0.50	\$ 256,028		
L	0.00	1311.00	0.00	\$ 0.25	\$ -	KWH	\$
			1136650.11	\$ 0.43	\$ 591,507	2441894.82	\$ 1,135,175
4/1/11 S <sup>1</sup>	729.52	1311.00	956400.72	\$ 0.43	\$ 409,722		
M <sup>1</sup>	256.66	1311.00	336474.71	\$ 0.40	\$ 133,244		
L <sup>1</sup>	362.00	1311.00	474582.00	\$ 0.23	\$ 111,052		
			1767457.43	\$ 0.35	\$ 654,018		
10/1/11 S <sup>2</sup>	470.19	1311.00	616419.09	\$0.35	217657.58		
M <sup>2</sup>	393.12	1311.00	515380.32	\$0.21	110342.93		
L	0.00	1311.00	0.00	\$0.25	0.00	KWH	\$
			1131799.41	\$ 0.27	\$ 328,001	2899256.84	\$ 982,019
4/1/12 S <sup>2</sup>	800.54	1311.00	1049507.94	\$ 0.37	\$ 392,936		
M <sup>2</sup>	515.00	1311.00	675165.00	\$ 0.29	\$ 192,422		
L <sup>2</sup>	866.00	1311.00	1135326.00	\$ 0.16	\$ 184,604		
			2859998.94	\$ 0.27	\$ 769,962		
10/1/12 S <sup>3</sup>	1052.00	1311.00	1379172.00	\$ 0.37	\$ 510,294		
M <sup>3</sup>	917.00	1311.00	1202187.00	\$ 0.17	\$ 201,246		
L	0.00	1311.00	0.00	\$ 0.25	\$ -	KWH	\$



2581359.00 \$ 0.26 \$ 711,540 5441357.94 \$ 1,481,502

4/1/13 S <sup>3</sup>	947.35	1311.00	1241975.85	\$	0.33	\$	413,578
M <sup>3</sup>	626.00	1311.00	820686.00	\$	0.26	\$	210,506
L <sup>3</sup>	576.00	1311.00	755136.00	\$	0.17	\$	128,373
			2817797.85	\$	0.25	\$	752,457

10/1/13 S <sup>3</sup>	692.00	1311.00	907212.00	\$	0.30	\$	271,891
M <sup>3</sup>	461.00	1311.00	604371.00	\$	0.17	\$	102,743
L	0.00	1311.00	0.00	\$	0.25	\$	-
			1511583.00	\$	0.24	\$	374,635
						KWH	\$
						4329380.85	\$ 1,127,092

Total 15,111,890 \$ 4,725,787

Avg Cost Per kWh \$0.3127