



e-FILING REPORT COVER SHEET

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REPORT NAME: Annual Interconnection Report for 2014

COMPANY NAME: Pacific Power

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes

If yes, please submit only the cover letter electronically. Submit confidential information as directed in 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 OAR 860-082-0065(3)

Statute

Order

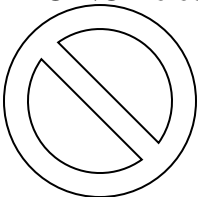
Other

Is this report associated with a specific docket/case? No Yes

If yes, enter docket number: RE 66

List applicable Key Words for this report to facilitate electronic search:  
Annual Interconnection Report

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- 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

**Please file the above reports according to their individual instructions.**



825 NE Multnomah, Suite 2000  
Portland, Oregon 97232

May 27, 2016

***VIA ELECTRONIC FILING***

Public Utility Commission of Oregon  
201 High Street SE, Suite 100  
Salem, OR 97301

Attn: Filing Center

**Re: Pacific Power's Annual Interconnection Report for Oregon**

PacifiCorp d/b/a Pacific Power encloses for filing its Interconnection Report for calendar year 2015. This report is submitted in compliance with OAR 860-082-0065(3).

Informal inquiries may be directed to Erin Apperson, Oregon State Regulatory Affairs Manager, at (503) 813-6642.

Sincerely,

A handwritten signature in black ink that reads "R. Bryce Dalley" with a stylized flourish at the end.

R. Bryce Dalley  
Vice President, Regulation

Enclosure

**PacifiCorp**  
**Annual Interconnection Report Pursuant to OAR 860-082-0065(3)**

**Pacific Power's Annual Interconnection Report for Oregon**

Year	Applications Received	Interconnections Completed
2009	7	0
2010	15	1
2011	14	3
2012	5	4
2013	8	1
2014	40	0
2015	34	2

Tier 1 / Tier 2 Projects	Type of Facilities	Nameplate Rating (MW)	Project Zipcode
Q0666	Solar	1.98	97868

Tier 3 Projects	Type of Facilities	Nameplate Rating (MW)	Project Zipcode	Basic Telemetry Configured
None	None	None	None	None

Tier 4 Projects	Type of Facilities	Nameplate Rating (MW)	Project Zipcode	Basic Telemetry Configured	Required Interconnection Facilities	Estimated Cost of Facilities	Required System Upgrades	Estimated Cost of Upgrades
Q0555‡	Solar	10	97741	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to Public Utility service center.	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$231,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,042,000
Q0556‡	Solar	10	97741	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to Public Utility service center.	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$214,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,878,000
Q0566‡	Solar	8.5	97623	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to a second Public Utility substation	Expansion of existing Public Utility substation for new bay including circuit breaker, switch, metering and communications equipment	\$1,514,000	Communication system modifications	\$24,000
Q0571‡	Solar	10	97701	New fiber from customer substation to Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$328,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$295,000
Q0572‡	Solar	10	97701	New fiber from customer substation to Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$342,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$337,000
Q0577‡	Solar	6	97623	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to a second Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$539,500	Distribution line extension with fiber underbuild and line equipment, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,173,000
Q0578‡	Solar	10	97502	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to Public Utility service center.	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$528,000	Distribution line extension with fiber underbuild and line equipment, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,780,000
Q0580‡	Solar	10	97701	New fiber from customer substation to Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$482,000	Distribution line extension with fiber underbuild, expansion of existing Public Utility substation for new circuit including circuit breaker, switch, metering and communications equipment and modifications to communication system	\$890,000

**PacifiCorp**  
**Annual Interconnection Report Pursuant to OAR 860-082-0065(3)**

Tier 4 Projects	Type of Facilities	Nameplate Rating (MW)	Project Zipcode	Basic Telemetry Configured	Required Interconnection Facilities	Estimated Cost of Facilities	Required System Upgrades	Estimated Cost of Upgrades
Q0585‡	Solar	8	97630	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to a second Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$597,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,079,000
Q0586‡	Solar	6	97801	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to a second Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$698,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,085,000
Q0609‡	Solar	8	97625	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to a second Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$614,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substations and communication system modifications	\$1,194,000
Q0612‡	Solar	9.9	97624	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to a second Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$457,000	Distribution line extension and reconductor with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,367,000
Q0613‡	Solar	9.9	97756	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to Public Utility service center.	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$610,000	Distribution line extension with fiber underbuild and line equipment, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,138,000
Q0624‡	Solar	2.9	97603	New fiber from customer substation to Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$118,000	Distribution line extension and reconductor with fiber underbuild and line equipment, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$626,000
Q0640	Solar	10	97603	New fiber from customer substation to Public Utility substation and then microwave system from Public Utility substation to communications site	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$547,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and new microwave system	\$966,000
Q0643	Hydro	5.3	97031	Existing facility fed through Public Utilities communication network via fiber connections	No additional facilities required as this is an existing facility. Costs associated with customer redesign for Public Utility labor.	\$92,000	Existing facility, no additional upgrades	\$0
Q0650*	Wind	10	97826	Project still in study phase at time of report production	Project still in study phase at time of report production	NA	Project still in study phase at time of report production	NA
Q0651*	Wind	10	97826	Project still in study phase at time of report production	Project still in study phase at time of report production	NA	Project still in study phase at time of report production	NA
Q0652*	Wind	10	97826	Project still in study phase at time of report production	Project still in study phase at time of report production	NA	Project still in study phase at time of report production	NA
Q0653*	Wind	10	97826	Project still in study phase at time of report production	Project still in study phase at time of report production	NA	Project still in study phase at time of report production	NA
Q0654	Solar	1.1	97603	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0659	Solar	10	97639	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0660	Solar	10	97524	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to Public Utility service center.	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$537,000	Fiber underbuild to customer substation, new relays, metering and communications equipment in Public Utility substation	\$654,000
Q0661	Solar	10	97632	New fiber from customer substation to Public Utility substation and then microwave system from Public Utility substation to communications site	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$716,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and new microwave system	\$797,000
Q0662	Solar	10	97622	A new microwave system from the new Public Utility substation to existing communications site	New single breaker substation, metering and communications equipment	\$2,553,000	New substation transformer, new microwave system and communication network modifications	\$2,707,000

**PacifiCorp**  
**Annual Interconnection Report Pursuant to OAR 860-082-0065(3)**

Tier 4 Projects	Type of Facilities	Nameplate Rating (MW)	Project Zipcode	Basic Telemetry Configured	Required Interconnection Facilities	Estimated Cost of Facilities	Required System Upgrades	Estimated Cost of Upgrades
Q0670	Solar	8	97633	New fiber from customer substation to Public Utility substation and then customer procured communications company lease line to a second Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$509,000	Distribution line reconductor with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,007,000
Q0671	Solar	10	97625	New fiber from customer substation to Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$535,200	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation, communication system modifications and transmission line reconductor	\$4,687,000
Q0672	Solar	10	97630	New fiber from customer substation to Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$558,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment in Public Utility substation and communication system modifications	\$1,416,000
Q0682	Solar	10	97530	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0688	Solar	10	97838	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0689	Solar	10	97734	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0690	Solar	10	97838	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0691	Solar	10	97734	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0692	Solar	10	97756	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0693	Solar	10	97741	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0694	Solar	10	97741	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0695	Solar	10	97741	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0696	Solar	2.2	97351	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0697	Solar	10	97886	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0698	Solar	10	97886	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0699	Solar	10	97639	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0700	Solar	10	97886	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0701	Solar	10	97886	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0702	Solar	10	97501	New fiber from customer substation to Public Utility substation	Metering and communications equipment in customer substation, fiber into customer substation and switch	\$645,000	Distribution line extension with fiber underbuild, new relays, communications, metering equipment, circuit breaker in Public Utility substation and communication system modifications	\$1,872,000
Q0703*	Solar	10	97601	Project still in study phase at time of report production	Project still in study phase at time of report production	NA	Project still in study phase at time of report production	NA
Q0716	Solar	2.976	97469	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA
Q0724	Solar	2.976	97469	Project withdrawn prior to execution of agreement	Project withdrawn prior to execution of agreement	NA	Project withdrawn prior to execution of agreement	NA

**Notes**

\* This information will be reported in the 2015 Annual Report should the Applicant execute an Interconnection Agreement.

‡ This project was initially reported in a prior year annual report.