



**U.S. Department of Energy  
Emergency Support Function #12**

**Pacific Northwest Storms Situation Report # 5  
December 19, 2006 (3:00 PM EST)**

**Summary**

**Highlights:**

Significant progress has been made in restoring power to customers in the Pacific Northwest region. Currently, 186,627 customers remain without power. The majority of customers without power are served by Puget Sound Energy. This is down from 1.8 million customers who lost power following severe wind and snow storms on December 14-15, 2006. The customers without power represent about 6 percent of customers in the affected utility service areas of Oregon and Washington. See table below.

Situation Reports are posted at: <http://www.oe.netl.doe.gov/>

**Electric Outage Information**

**Pacific Northwest Electricity Customer Outages**

Utility	Location	Outages	Total Customers	% w/o Power
Puget Sound Energy	WA	150,000	893,576	16.8%
Seattle City Light	WA	15,000	336,363	4.5%
Snohomish County PUD	WA	5,000	272,829	1.8%
Tacoma Power	WA	2,000	145,375	1.4%
Grays Harbor PUD	WA	1,000	34,096	2.9%
Mason County PUD #3	WA	2,200	31,000	7.1%
Cowlitz County PUD	WA	Fully Restored	40,801	0.0%
Lewis PUC	WA	500	30,000	1.7%
Portland General Electric	OR	4,300	680,093	0.6%
Pacific Power	OR	Fully Restored	447,272	0.0%
BC Hydro	CAN	6,627	NA	
<b>TOTAL</b>		<b>186,627</b>	<b>2,911,405</b>	

**Sources:** Grays Harbor, Lewis, Mason County, and Cowlitz County outages from utility reports to Washington State Energy Office and U.S. DOE (12/18 4PM PST).

Remaining utility outage data obtained from utility websites:

Puget Sound Energy as of 10:00 AM PST 12/19 [www.pugetsoundenergy.com](http://www.pugetsoundenergy.com)

Seattle City Light outages as of 8:00 AM PST 12/19 <http://www.seattle.gov/light/>

Snohomish County PUD Data as of 11:00 AM PST 12/19

<http://www.snopud.com/about/CustomerNews/StormUpdates.ashx?p=2214>

Portland General Electric as of 11:06 AM PST 12/19 <http://pdxinfo.net/>

Tacoma Power as of 8:40 AM PST <http://www.ci.tacoma.wa.us/power/>

BC Hydro as of 11:00 AM PST 12/19 [www.bchydro.com](http://www.bchydro.com)

Pacific Power as of 12:20 PM PST 12/19 <http://pdxinfo.net/>

Total customer data as of 2005 from EIA: <http://www.eia.doe.gov/cneaf/electricity/esr/table6.xls>



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### **Restoration Efforts:**

Puget Sound Energy (PSE) reports over 445 repair crews and inspection teams are involved in the restoration effort, with another 41 crews arriving today (12/19) from as far away as Missouri. The majority of outages are in King County. PSE anticipates that it will take several more days, and maybe longer in the very hard-hit areas to fully restore service.

Seattle City Light reports that the feeder backbone is fully restored in City Light's service territory. Crews continue to concentrate on restoration of neighborhood lines ("laterals").

Snohomish County PUD has 50 crews in the field. The majority of damage is located in the southeast portion of Snohomish County: Bothell, Turners Corner, and Three Forks with pockets in Edmonds, Lynnwood, and Mill Creek. Snohomish County PUD anticipates it will still be several days before all customers will have power restored.

Portland General Electric (PGE) has all of its crews working and plans are to restore power to the remaining 4,300 customers without service. The largest concentrations of outages at this time remain in Yamhill County and the outlying areas of Clackamas County, primarily Welches and Zig Zag.

Pacific Power reports more than 500 linemen and journeymen, including some from Pacific Power locations not impacted by the storm, Rocky Mountain Power and MidAmerican Energy Company and several contract crews, were deployed to repair system damage and restored power to the 111,000 customers impacted by the severe wind and snow storms on December 14-15, 2006.