



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

**Pacific Northwest Storms Situation Report # 6  
December 20, 2006 (3:00 PM EST)**

**Summary**

**Highlights:**

Significant progress has been made in restoring power to customers in the Pacific Northwest region. Currently, 134,868 customers remain without power. The number of outages 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 less than 5 percent of customers in the affected utility service areas of Oregon and Washington. The majority of customers without power are served by Puget Sound Energy and Seattle City Light. 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	120,000	893,576	13.4%
Seattle City Light	WA	9,000	336,363	2.7%
Snohomish County PUD	WA	300	272,829	0.1%
Tacoma Power	WA	1,000	145,375	0.7%
Grays Harbor PUD	WA	50	34,096	0.1%
Mason County PUD #3	WA	1,200	31,000	3.9%
Cowlitz County PUD	WA	Fully Restored	40,801	0.0%
Lewis PUC	WA	500	30,000	1.7%
Portland General Electric	OR	Fully Restored	680,093	0.0%
Pacific Power	OR	Fully Restored	447,272	0.0%
BC Hydro	CAN	2,818	NA	
<b>TOTAL</b>		<b>134,868</b>	<b>2,911,405</b>	

**Sources:** Grays Harbor, Mason County, and Lewis outages from utility reports to Washington State Energy Office and U.S. DOE (12/19 10:00 AM PST).

Remaining utility outage data obtained from utility websites:

Puget Sound Energy as of 8:00 AM PST 12/20 [www.pugetsoundenergy.com](http://www.pugetsoundenergy.com)

Seattle City Light outages as of 8:00 AM PST 12/20 <http://www.seattle.gov/light/>

Snohomish County PUD Data as of 11:00 AM PST 12/20

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

Portland General Electric as of 11:41 AM PST 12/20 <http://pdxinfo.net/>

Tacoma Power as of 8:30 AM PST 12/20 <http://www.ci.tacoma.wa.us/power/>

BC Hydro as of 11:10 AM PST 12/20 [www.bchydro.com](http://www.bchydro.com)

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) has 496 crews deployed in the field making repairs to the transmission system. As of this morning (12/20/06), power has been restored to more than 82 percent (580,000) of the customers who lost power from the storms. PSE believes that most customers still without power will have their service back no later than Friday or Saturday. PSE reports that 90 percent of the remaining outages exist in King County, the hardest-hit area from the storm. PSE states power may not be restored until Sunday or early next week for customers within the Cottage Lake area, east of Woodinville, and outlying areas around Duvall. PSE also reports that 158 of the 159 substations that lost power from the storms have been re-energized and plans to restore the last substation by later today. A total of 70 of the 85 damaged transmission lines that lost power have been restored.

Seattle City Light reports twelve crews arrived on Tuesday (12/19/06) from PacifiCorp's locations in Yakima, Portland and other sites from throughout the Northwest to aid Seattle City Light in its customer restoration efforts.

Snohomish County PUD reports that they are down to their last 36 crew jobs, from a peak of 623.

At 11:40 am PST (12/20/06), Portland General Electric (PGE) PGE declared the power outage related to last Thursday night's wind storm to be over.