



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

Pacific Northwest Storms Situation Report # 4
December 18, 2006 (3:00 PM EST)

Summary

Highlights:

Significant progress has been made in restoring power to customers in the Pacific Northwest region. Currently, 237,030 customers remain without power. 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 8 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	175,000	893,576	19.6%
Seattle City Light	WA	15,791	336,363	4.7%
Snohomish County PUD	WA	8,000	272,829	2.9%
Tacoma Power	WA	3,000	145,375	2.1%
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	13,000	680,093	1.9%
Pacific Power	OR	1,047	447,272	0.2%
BC Hydro	CAN	17,492	NA	
TOTAL		237,030	2,911,405	

Sources: Puget Sound Energy, Seattle City Light, Snohomish County, Tacoma Power, Grays Harbor, Mason County, Cowlitz County, and Lewis outages from utility reports to Washington State Energy Office and U.S. DOE (12/18/06 10AM PST).

Remaining utility outage data obtained from utility websites:

Portland General Electric as of 11:38 AM PST 12/18 <http://pdxinfo.net/>

Pacific Power as of 11:05 AM PST 12/18 <http://pdxinfo.net/>

BC Hydro as of 11:30 AM PST 12/18 <http://www.bchydro.com/outages/>

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 that areas of King County, which experienced the most damage and outages from the storm, will remain without power throughout Monday and likely longer because of extensive structural damage to PSE's transmission system caused by fallen trees. The areas in King County include the following: the Cougar Mountain area of Bellevue, rural Woodinville, North Bend, Snoqualmie, Duvall, Carnation, Issaquah, and Skykomish.

Seattle City Light reports that the feeder backbone is fully restored in City Light's service territory. Crews will concentrate on restoration of neighborhood lines ("laterals"). Significant damage was sustained all around the city.

Snohomish County PUD is reporting that the majority of damage is located in the southeast portion of Snohomish County: Bothell, Turners Corner, and Three Forks. Crews are working around the clock to restore power as soon as possible.

Portland General Electric (PGE) reports that crews and contractors are continuing to work at full strength, working 16 hours on, eight off, as they make steady progress to complete the final repairs from the storm. The utility currently estimates that 13,000 customers are off line, down from 45,000 at this time yesterday, and from 250,000 at the height of the storm. The company anticipates that the majority of those without power will be back on-line today. Outages remain widely scattered with small concentrations in higher elevations, especially on the east side of the service territory, and in Washington and Marion Counties.