



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

Pacific Northwest Storms Situation Report # 3
December 17, 2006 (3:00 PM EST)

Summary

Highlights:

Significant progress has been made in restoring power to customers in the Pacific Northwest region. Currently, 468,200 customers, including Canada, 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 16 percent of customers in the affected utility service areas of Oregon and Washington. See table below.

The Olympic pipeline reports that the pipeline is operational; however, pipeline throughput remains reduced since one substation along the line remains without power. Complete power restoration is expected later today.

There are no reports of problems regarding fuel distribution and production.

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	280,000	893,576	31%
Seattle City Light	WA	21,000	336,363	6%
Snohomish County PUD	WA	12,000	272,829	4%
Tacoma Power	WA	44,000	145,375	30%
Grays Harbor PUD	WA	1,500	34,096	4%
Mason County PUD #3	WA	10,000	31,000	32%
Cowlitz County PUD	WA	3,000	40,801	7%
Lewis PUC	WA	5,000	30,000	17%
Portland General Electric	OR	45,000	680,093	7%
Pacific Power	OR	6,700	447,272	1.5%
BC Hydro	CAN	40,000	NA	
TOTAL		468,200	2,911,405	

Sources: Tacoma Power, Grays Harbor, Lewis, Seattle City Light, Pacific Power outages from utility reports to Washington State Energy Office and U.S. DOE (12/16 and 12/17).

Remaining utility outage data obtained from utility websites:

Puget Sound Energy as of 6:00 AM PST 12/17 www.pugetsoundenergy.com

Seattle City Light outages as of 9:00 AM PST 12/17 <http://www.seattle.gov/light/>

Snohomish County PUD Data as of 2:00 PM PST 12/16

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

Portland General Electric (as of 10:15 AM PST 12/17) http://www.portlandgeneral.com/about_pge/news/Default.asp?bhcp=1

BC Hydro (as of 6:30 AM PST 12/17) local news reports: <http://www.news1130.com/>

Clark Public Utility outage Information (as of 10:20 AM PST) outage hotline at 360-992-8000

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 steady progress is being made to restore power to the more than 700,000 customers that lost service at the peak of the storms. Hardest hit is King County and restoration will take several days in the Cougar Mountain area of Bellevue, rural Woodinville, North Bend, Snoqualmie, Duvall, Carnation, and Skykomish. About half of the 85 transmission lines taken down by the storm have been repaired and 128 of the 159 substations that lost power from the storm have been re-energized. PSE has 330 crews working on restoration with 80 more crews expected to arrive in the next day or two. PSE reports that crews from 11 States are helping to restore power.

Seattle City Light reports that of the 65 feeders in its above-ground system which went off line, 44 have been repaired or partially repaired as of 9:00 AM PST 12/17. Significant progress has been made but some customers could be without power for as much as four days.

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. Restoration may not be complete restoration until Monday.

Portland General Electric (PGE) expects restoration efforts to be nearly complete by Monday. There are 160 crews involved in restoration including contract and out-of-state crews. At the height of the storm, nearly 250,000 customers were affected. Overnight, linemen restored power to approximately 50,000 customers in the Beaverton-Aloha-Gaston-Banks areas of Washington County who had lost service after a large transformer fire.

Pacific Power reports that all substations have been restored.

Clark County Public Utilities has restored service to nearly all its customers and should be fully restored by Sunday evening.