



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

## Pacific Northwest Storms Situation Report # 7 December 21, 2006 (3:00 PM EST)

### Summary

#### Highlights:

Despite a small storm that came through the area last night with wind gusts peaking at 45 MPH, progress continues to be made in restoring power to customers who lost power during the December 14-15 storms which hit the Pacific Northwest region. Currently, 95,971 customers remain without power, down from 1.8 million customers.

The wind storm which affected the area yesterday was not as bad as previously expected, with the majority of the customer outages in the BC Hydro region, and 3,000 additional customer outages in the Puget Sound Energy service area. The customers without power represent 5 percent of customers in the affected utility service areas of Washington. The majority of customers without power are served by Puget Sound Energy, BC Hydro, 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	75,000	893,576	8%
Seattle City Light	WA	4,900	336,363	2%
Snohomish County PUD	WA	Fully Restored	272,829	0%
Tacoma Power	WA	1,000	145,375	0.7%
Grays Harbor PUD	WA	Fully Restored	34,096	0.0%
Mason County PUD #3	WA	250	31,000	1.0%
Lewis PUC	WA	500	30,000	1.7%
BC Hydro	CAN	14,321	NA	
<b>TOTAL</b>		<b>95,971</b>	<b>1,743,239</b>	

**Sources:** 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:

Gray's Harbor as of 10:53AM PST 12/20 [http://www.thedailyworld.com/articles/2006/12/20/local\\_news/04news.txt](http://www.thedailyworld.com/articles/2006/12/20/local_news/04news.txt)

Mason County PUD #3 as of 9:00 AM PST 12/21 <http://www.masonpud3.org/News/display.asp?NewsID=320>

Puget Sound Energy as of 11:00 AM PST 12/21 [www.pugetsoundenergy.com](http://www.pugetsoundenergy.com)

Seattle City Light outages as of 10:00 AM PST 12/21 <http://www.seattle.gov/light/>

Snohomish County PUD Data as of 10:00 PM PST 12/20

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

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

BC Hydro as of 11:30 AM PST 12/21 [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 fully restored power to the 57,000 customers who lost power in Whatcom, Skagit, Jefferson, Island, and Kittitas counties. The utility reports that its 525 crews and inspection teams in the field are working to have less than 50,000 customers without service by midnight on 12/21/06, 25,000 without service by midnight Friday (12/22/06), and only having scattered, isolated outages numbering in the hundreds by 12/24/06. The damage in the rural pockets in north and east King County, primarily around Cottage Lake and Duvall, will take the longest to fully repair. A map detailing the restoration progress in PSE's electrical distribution system is available at: <http://www.pugetsoundenergy.com/insidePSE/restorationMaps.aspx>.

Seattle City Light reports that 99% of their system is back in service and the majority of City Light customers will be restored midnight tonight (12/21/06) but there will be isolated outages remaining.

Snohomish County PUD reports as of 10:00 pm last night (12/20/06) all known outages caused by the storm had been repaired.

BC Hydro has repaired all of the outages caused by the original December 14-15 storm. The wind storm that came through last night caused close to 15,000 customers to be without power.