



# 2009 Qualifying Storm Events

December 06, 2009

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## Event Description

### Date of event

December 06, 2009

### Event Type

Wind storm.

### Service Areas Affected

This weather event affected primarily Thurston County.

### Number of Customers Affected

Approximately 35,050 customers were without power over the course of this outage event.

### Summary of System Impacts

<b>Total Number of Outages</b>	<b>98</b>
Distribution Circuits Totally Out	4
Distribution Circuits Partially Out	94

Transmission Circuits Affected	2
Substations Totally Off-line	1

### Mobilization Summary

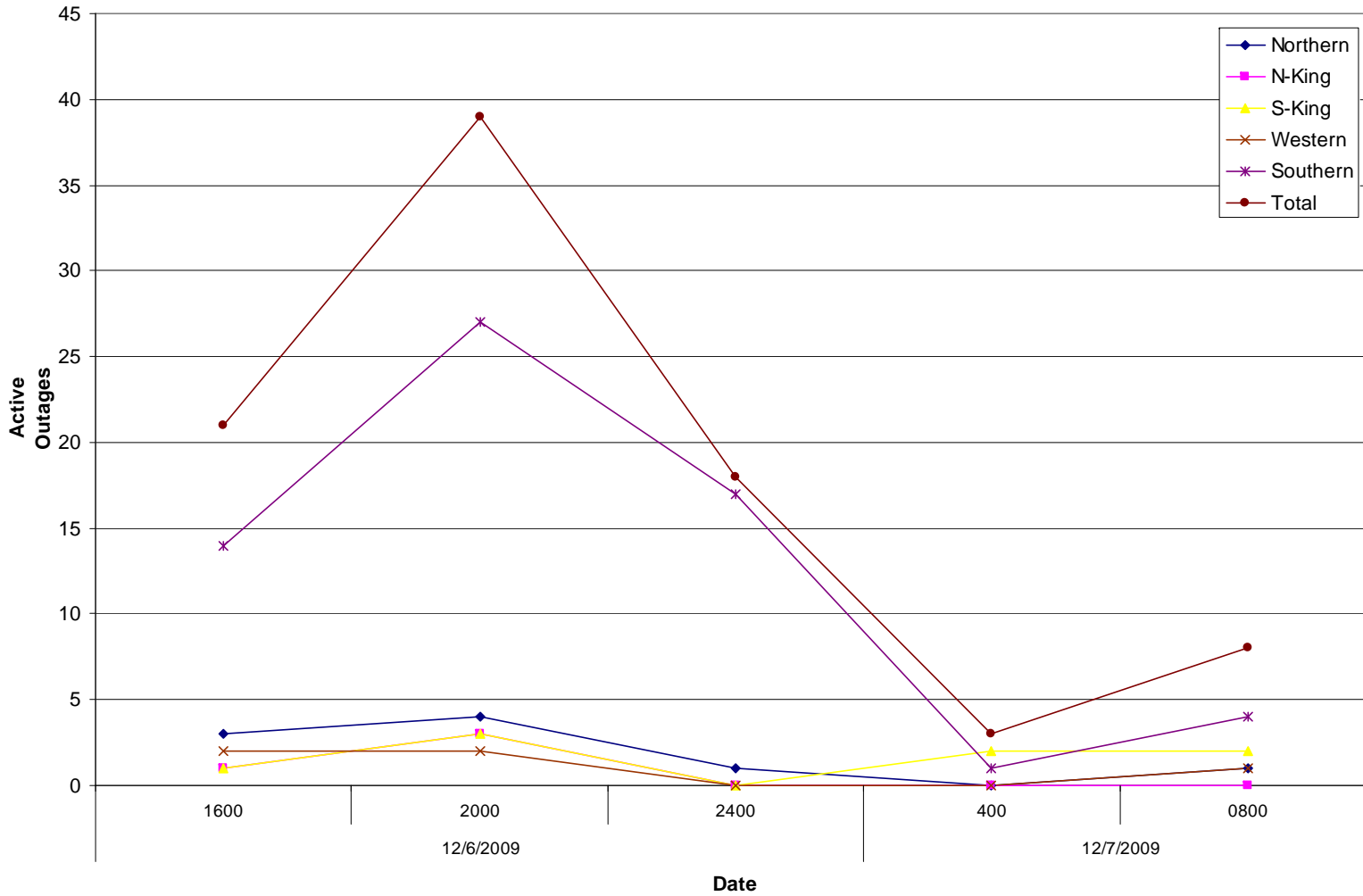
#### Operating Bases

Base	Date Opened	Time Opened	Date Closed	Time Closed
Thurston	12/06/2009	13:30	12/07/2009	07:00

#### Emergency Operations Center

EOC	Date Opened	Time Opened	Date Closed	Time Closed
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### Outage Events - Dec 6, 2009 to Dec. 7, 2009



## Major Event Day – Qualification

### IEEE 1366 Method

IEEE 1366 was established to present a set of terms and definitions which can be used to foster uniformity in the development of distribution service reliability indices, to identify factors which affect the indices, and to aid in consistent reporting practices among utilities. Also, it provides guidance for new personnel in the reliability area, and tools for internal as well as external comparisons. The Major Event Day definition was created as part of IEEE 1366 to allow for consistent calculation of reliability metrics between utilities, and enable more valid comparisons with other utility reliability metrics.

#### IEEE Major Event Day Calculation (2.5 BETA METHOD)

1. A threshold on daily SAIDI is computed once a year, following year end.
2. Assemble the 5 most recent years of historical values of SAIDI/day.
3. Discard any days in the data set that has a SAIDI/day of zero.
4. Find the natural logarithm of each value in the data set.
5. Compute the average Alpha and the standard deviation (Beta) of the natural logarithms computed in step 3.
6. Compute the threshold Tmed where  $Tmed = \exp(\text{Alpha} + 2.5 * \text{Beta})$
7. Any day in the next year with SAIDI > Tmed is a major event day.

**Puget Sound Energy's Major Event Threshold for 2009: 6.95 Minutes**

### Qualified Events - 2009

#### Current Event – Calculation Detail

Event Date	Total Customer Minutes	Average Customer Count	Daily SAIDI – Customer Minutes /Customer Count
01/04/2009	11,077,174	1,075,377	10.30
11/05/2009	7,626,819	1,078,555	7.07
11/16/2009	13,172,993	1,078,555	12.21
11/18/2009	10,873,993	1,078,555	10.08
12/06/2009	8,584,645	1,079,526	7.95

#### Cumulative list of events that have qualified

Date(s)	T-med Score	O&M – Deferrable Accumulation
01/04/2009	10.30	\$588,391
11/05/2009	7.07	\$499,136
11/16/2009	12.21	\$1,155,567
11/18/2009	10.08	\$937,313
12/06/2009	7.95	\$199,804

## Event Restoration – Cost Summary

### Restoration Cost Detail by Qualifying Event

Date	Qualified Events Deferred Account	Capital	C&D Costs Recoverable from Direct Billings (Costs Not Yet Billed)	O&M – Not Deferrable	O&M – Deferrable Accumulation	Total O&M	Total
01/04/2009	\$0	\$27,264	\$0	\$36,325	\$588,391	\$624,716	\$651,981
11/05/2009	\$0	\$27,890	\$0	\$30,717	\$499,136	\$532,763	\$560,654
11/16/2009	\$0	\$356,707	\$0	\$56,177	\$1,155,567	\$1,211,744	\$1,568,451
11/18/2009	\$0	\$154,684	\$0	\$60,594	\$937,313	\$997,907	\$1,152,591
12/06/2009	\$0	\$56,998	\$0	\$17,555	\$199,804	\$217,360	\$274,357

### YTD Storm Restoration Cost Detail – Through December 6, 2009

Qualified Events Deferred Account	Capital	C&D Costs Recoverable from Direct Billings (Costs Not Yet Billed)	O&M – Not Deferrable	O&M Deferrable Accumulation	Total O&M	Total
\$0	\$623,543	\$0	\$193,760	\$3,390,730	\$3,584,490	\$4,208,033

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## Detail Documents

**Restoration Cost Detail – Current Event**

**Detailed List of Distribution Circuits with Outages**

**Terms, Codes & Definitions Used on Detail Reports**

**Newsprint Media Coverage**

**Restoration Cost Detail – Current Event**

<b>Puget Sound Energy</b>							
<b>December 6, 2009 Storm Damage Repair Costs</b>							
	Qualifying Events Deferred Account	Capital	C&D Recoverable from Direct Billings (Costs Not Yet Billed)	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor							
ST		\$ 2,295			\$ 517	\$517	\$2,812
OT		\$ 9,301			\$ 24,829	\$24,829	\$34,130
Total Labor	\$0	\$ 11,596	\$0	\$0	\$ 25,346	\$25,346	\$36,942
Labor OH		\$ 6,074			\$ 10,420	\$10,420	\$16,494
Materials		\$ 26,252			\$ 4,008	\$4,008	\$30,260
Contractors		\$ 5,735			\$ 157,895	\$157,895	\$163,630
Other Direct Charges					\$ 1,425	\$1,425	\$1,425
Fleet		\$ 344			\$ 1,306.98	\$1,307	\$1,651
Other Assessments		\$ 6,996		\$ 17,555	\$ (596)	\$ 16,959	\$ 23,955.00
Deferred Expenses					\$0	\$0	\$ -
	\$0	\$56,998	\$0	\$17,555	\$ 199,804	\$217,360	\$274,357



### IEEE-1366 - Detailed List of Distribution Circuits with Outages

Notification	Date	Time	Circuit	Area	Cause	Equipment	Cust Outs	Cust Mins
E788080009	12/6/2009	11:20:00	AIR-23	ECC	TF	OCO	4	3,880
E161198119	12/6/2009	7:12:00	YEL-25	ECC	UN	OCO	25	15,400
E292518755	12/6/2009	14:25:00	LON-22	ECC	TO	OPO	2	756
E080828673	12/6/2009	23:35:00	SWI-15	ECC	UN	OFC	8	1,704
E380393962	12/6/2009	6:16:00	MOT-14	ECC	TO	OCO	42	20,286
E375019627	12/6/2009	14:25:00	MCA-15	ECC	TF	OCO	21	12,159
E905342440	12/6/2009	11:30:00	LAC-13	ECC	UN	OSV	25	12,750
E141755072	12/6/2009	7:50:00	TAN-13	ECC	UN	OPI	10	6,390
E931314766	12/6/2009	12:29:00	LUH-14	ECC	TF	OCO	3,167	361,780
10919269	12/6/2009	16:40:00	PRI-13	ECC	TO	OCO	46	2,622
E005260063	12/6/2009	17:43:00	GRI-16	ECC	TF	OCO	957	447,876
E775523909	12/6/2009	14:35:00	PAT-17	ECC	TF	OPI	191	106,196
E794275099	12/6/2009	22:03:00	PAT-15	ECC	UN	OCO	13	676
E306557443	12/6/2009	13:58:00	PRI-13	ECC	TO	OCO	11	4,719
E853164083	12/6/2009	12:20:00	ROC-25	ECC	TO	OCO	212	42,512
E802675548	12/6/2009	18:11:00	PRI-24	ECC	TF	OCO	633	205,270
10919270	12/6/2009	18:10:00	PRI-13	ECC	TO	OCO	331	121,477
E562181611	12/6/2009	14:37:00	RAI-11	ECC	TF	OCO	18	5,400
E964883612	12/6/2009	21:26:00	ELD-25	ECC	TF	OCO	4	1,076
E060699363	12/6/2009	10:10:00	KIT-22	EBH	EF	OFC	19	3,533
E964998038	12/6/2009	0:57:00	HIG-13	EBE	EF	OTR	16	4,426
E607802522	12/6/2009	17:56:00	HLC-23	EAD	EF	UPT	7	1,960
E039726745	12/6/2009	11:15:00	LYN-26	EAA	EF	UOT	25	8,045
E036079114	12/6/2009	19:58:00	HAP-16	EAA	EF	OTR	3	1,166
E257380365	12/6/2009	11:38:00	LLS-15	EAA	EF	USC	2	940
E706667643	12/6/2009	4:32:00	STA-16	EBJ	TF	OCO	358	54,354
E450746303	12/6/2009	5:18:00	ROL-16	EBJ	CP	OPO	29	15,022
E447366490	12/6/2009	13:10:00	OSC-23	EBI	EF	OCO	1	593
E613266424	12/6/2009	11:28:00	HOL-13	ECA	TO	OCO	540	91,586
E454774844	12/6/2009	6:29:00	AIR-26	ECC	TO	OCO	1,370	279,900
E648811798	12/6/2009	4:42:00	HEM-13	ECA	TF	OCO	40	9,669
E992171469	12/6/2009	17:37:00	WLK-15	ECA	TO	OCO	2	594
E211842027	12/6/2009	12:16:00	EDG-16	ECA	TF	OCO	10	3,679
E680802803	12/6/2009	7:16:00	PAT-15	ECC	TF	OCO	1,875	794,585
10914155	12/6/2009	12:10:00	WOO-23	ECA	EF	OCO	5	2,365
E381232366	12/6/2009	13:11:00	WLK-13	ECA	TO	OCO	15	7,244
E746621043	12/6/2009	12:33:00	TIL-23	ECA	TO	OCO	6	3,224
E370474657	12/6/2009	15:52:00	KAP-16	ECA	TF	OCO	7	3,934
10914156	12/6/2009	12:04:00	GRV-16	ECA	TO	OSV	1	643
E804916478	12/6/2009	12:03:00	SHA-15	ECA	TO	OCO	247	166,993
E143386905	12/6/2009	17:14:00	CAS-16	EBH	EF	OTF	1	66
10914071	12/6/2009	10:11:00	KIT-22	EBH	TO	OCO	10	730
E367209055	12/6/2009	19:25:00	KIT-22	EBH	EF	UTC	1	81
E091967941	12/6/2009	16:57:00	ETN-13	EBH	TO	OTF	1	83

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Notification	Date	Time	Circuit	Area	Cause	Equipment	Cust Outs	Cust Mins
E791543587	12/6/2009	8:00:00	ETN-13	EBH	TF	OFU	5	575
E181631413	12/6/2009	18:06:00	PLA-23	EBD	EO	OFU	695	60,465
E796228068	12/6/2009	3:40:00	DUV-15	EBD	TF	OCO	155	16,510
E557067209	12/6/2009	16:13:00	MER-12	EBE	EF	OSV	1	128
E606170237	12/6/2009	17:27:00	NBE-13	EBF	EF	OCN	5	972
E478563466	12/6/2009	0:00:00	PIK-21	EBF	SO	OTR	16	3,200
E196502342	12/6/2009	18:21:00	MAP-17	EBE	EO	OFC	191	41,552
E096518513	12/6/2009	14:30:00	HYA-13	EBF	PO	OTR	1	290
E200619067	12/6/2009	5:54:00	MCK-15	EAA	EF	OTF	3	298
E202443892	12/6/2009	14:41:00	FLD-13	EAD	TO	OSV	1	103
10914251	12/6/2009	13:47:58	VIS-23	EAA	TO	OSV	1	123
E122315576	12/6/2009	19:55:00	HAN-12	EAA	EF	OTF	4	543
E002063802	12/6/2009	15:52:00	SLA-15	EAA	TO	OFU	125	18,521
E818831654	12/6/2009	12:13:00	ROE-13	EAA	TF	OSV	1	167
E319475796	12/6/2009	16:53:00	CUS-15	EAA	EF	OTF	2	377
E039873499	12/6/2009	9:58:00	LAB-26	EAA	TO	OSV	1	232
10914001	12/6/2009	21:06:00	LAT-14	EBK	EF	OFU	25	1,375
E545200571	12/6/2009	18:58:00	MHT-13	EBJ	EF	OSV	1	69
E588652446	12/6/2009	16:58:00	LMD-12	EBJ	EF	OJU	92	8,809
E819012159	12/6/2009	19:04:00	LAT-14	EBJ	TO	OFU	2	230
E913201164	12/6/2009	24:00:00	BEL-16	EBJ	SO	UPC	9	1,890
10919134	12/6/2009	12:29:00	TLN-0153	ECC	TF	OCO	1,107	7,749
E416479697	12/6/2009	5:27:00	KAP-13	ECA	EF	OFU	1	58
E490172730	12/6/2009	13:12:00	HOL-15	ECA	TO	OCO	50	3,275
E442975867	12/6/2009	17:27:00	FRU-25	ECA	TF	OCO	1,442	115,696
E280770571	12/6/2009	10:06:00	GRV-15	ECA	EF	OTF	1	86
E447601697	12/6/2009	11:09:00	HOL-15	ECA	TO	OCO	174	15,164
E598271183	12/6/2009	6:48:00	CHA-13	ECC	TF	OCO	689	60,138
E434018694	12/6/2009	12:44:00	GRV-12	ECA	TF	OCO	864	80,122
E976007910	12/6/2009	6:17:00	RHO-16	ECA	TF	OCO	5	469
E848050207	12/6/2009	11:47:00	PRI-13	ECC	TF	OFU	15	1,410
E428723970	12/6/2009	5:59:00	MCA-13	ECC	TF	OCO	912	88,576
E210151057	12/6/2009	13:26:00	PLG-15	ECC	TF	OCO	1,106	108,941
E896911754	12/6/2009	11:09:00	KAP-15	ECA	TO	OFC	1,034	102,245
E023260789	12/6/2009	11:38:00	AIR-22	ECC	TF	OTF	12	1,188
E234171252	12/6/2009	4:54:00	BAR-17	ECC	TF	OFU	45	4,554
E819994763	12/6/2009	6:29:00	HEM-15	ECA	EF	OTF	3	342
E607180899	12/6/2009	1:00:00	HEM-15	ECA	TF	OCO	878	102,726
E678951992	12/6/2009	20:25:00	GRV-15	ECA	TO	OTF	1	130
E609859006	12/6/2009	16:17:00	MKI-14	ECC	TO	OCO	1,840	241,040
E148117094	12/6/2009	14:12:00	SHA-13	ECA	TO	OCO	1,186	158,509
E034477623	12/6/2009	17:29:00	SPA-16	ECA	TO	OFU	34	4,821
E152837924	12/6/2009	5:49:00	LON-23	ECC	TF	OFU	36	5,503
E686092147	12/6/2009	21:28:00	WOO-26	ECA	TF	OSV	1	188
E151786663	12/6/2009	19:06:00	FRG-24	ECC	TF	OFU	686	131,712
E046996620	12/6/2009	8:54:00	KAP-13	ECA	TO	OCO	4	780
E590008127	12/6/2009	22:53:00	CHA-12	ECC	EF	OFU	7	1,386
E338848078	12/6/2009	18:14:00	GRV-16	ECA	TF	OCO	35	7,029
E955344676	12/6/2009	11:33:00	ELD-25	ECC	TF	OFU	1	207

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Notification	Date	Time	Circuit	Area	Cause	Equipment	Cust Outs	Cust Mins
E876042503	12/6/2009	7:40:00	LON-25	ECC	TF	OCO	9	1,928
E723581886	12/6/2009	20:54:00	MOT-15	ECC	TF	OFU	24	5,688
E229861733	12/6/2009	16:34:00	PLG-17	ECC	TF	OCO	1,120	271,040
E682300380	12/6/2009	21:57:00	TAN-16	ECC	TF	OTF	9	2,196
E280253491	12/6/2009	12:43:00	MCA-13	ECC	TF	OFU	34	8,840
E544286707	12/6/2009	13:05:00	GRV-16	ECA	TO	OTF	9	2,427
E725284787	12/6/2009	9:36:00	KAP-16	ECA	TO	OCO	50	14,373
E644450953	12/6/2009	7:36:00	PRI-23	ECC	TF	OCO	3	863
E904481307	12/6/2009	6:48:00	PRI-13	ECC	TF	OFU	47	13,912
E789095156	12/6/2009	19:30:00	TAN-13	ECC	TF	OSV	1	310
10919306	12/6/2009	17:04:00	CHA-01	ECC	FP	VCB	4,582	1,435,788
E338913789	12/6/2009	17:51:00	MCA-13	ECC	TF	OCO	28	10,136
E390854057	12/6/2009	15:09:00	GAR-12	ECA	EF	OFC	1	367
E309661521	12/6/2009	16:17:00	CHA-16	ECC	NW	VCB	2,199	820,227
E212800555	12/6/2009	17:23:00	LUH-17	ECC	TF	OFU	10	3,780
E812378576	12/6/2009	16:12:00	MKI-16	ECC	TF	OFU	17	6,817
E824830196	12/6/2009	20:08:00	WOL-23	ECC	EF	OFU	16	6,544
10919267	12/6/2009	17:51:00	MCA-13	ECC	TF	OCO	71	30,388
E089576997	12/6/2009	12:27:00	YEL-26	ECC	TF	OFU	60	26,934
E169702675	12/6/2009	15:32:00	GRI-15	ECC	TO	OFU	23	10,626
E941001294	12/6/2009	17:04:00	AIR-22	ECC	TF	OFU	12	6,012
E225423005	12/6/2009	17:57:00	LUH-14	ECC	TF	OFU	5	2,560
E793635971	12/6/2009	12:01:00	SWI-15	ECC	TF	OCO	2,823	1,657,101
E303131980	12/6/2009	19:48:00	KIN-24	ECE	TO	OCO	50	6,966
E595260728	12/6/2009	13:48:00	VAS-13	EBL	UN	OCO	5	1,182
E307281223	12/6/2009	14:48:00	RPT-26	ECD	BA	OFU	6	1,514
E502550992	12/6/2009	6:21:00	VAS-13	EBL	TO	OCO	5	1,305
E669406175	12/6/2009	8:07:00	HAS-13	ECF	EF	OJU	23	6,004

## Terms, Codes and Definitions Used on Detail Reports

<b>Notification</b>	<b>[Notification Number]</b> A number assigned by SAP, identifying the outage record
<b>Date</b>	The date of the outage
<b>Time</b>	The time of the outage
<b>Circuit</b>	<b>[Reference Circuit]</b> The circuit identifier for the affected circuit
<b>F/LOC</b>	<b>[Functional Location]</b> The grid number where the outage occurred. If the grid number is not available, the Reference Circuit identifier occupies this field
<b>EQT NBR</b>	<b>[Equipment Number]</b> A number used to tie the equipment involved in the outage to the related information in SAP. This number does not represent the physical number of the equipment

<b>Area</b>	<b>[Maintenance Planner Group]</b> A code representing the energy, region and service center	
	EAA – Bellingham	EBJ – South King
	EAB – Lynden	EBK – Southwest King
	EAC – Skagit	EBL – Vashon
	EAD – Whidbey	ECA – Puyallup
	EBD – Redmond	ECC – Olympia
	EBE – Factoria	ECD – Port Orchard
	EBF – Snoqualmie	ECE – Poulsbo
	EBI – Enumclaw	ECF – Port Townsend

<b>Cause</b>	Cause of Outage	
	AO – Accident Other	EF – Equipment Failure
	BA – Bird or Animal	EO – Electrical Overload
	CP – Car Pole	FI – Faulty Installation
	CR – Customer Request	TF – Tree Off Right-of-Way
	DU – Dig-up Underground	TO – Tree On Right-of-Way
	SO – Scheduled Outage	UN – Unknown

<b>Equipment</b>	Affected by, or involved in the outage	
	OCN – Connector	OSW – Overhead Switch
	OCO – Overhead Conductor	OTF – Overhead Transformer Fuse
	OCR – Crossarm	OTR – Overhead Transformer
	OFC – Overhead Cut-out	OUP – OH to UG Primary
	OFS – Overhead Fire Signal	OUS – OH to UG Secondary Service
	OFU – Fuse Link/OH Line Fuse	SBF – High-side Bank Fuse
	OGS – Span Guy	SCB – Power Circuit Breaker
	OHR – Overhead Recloser	UOT – Underground Outdoor Term
	OIN – Insulator	UPC – Underground Primary Cable
	OJU- Jump Wire	UPT – Padmount Transformer
	OPI – Overhead Pin Insulator	USV – Underground Service
	OPO – Pole	UTC – Underground Terminal Fuse
	OSV – Overhead Service	UTR – Submersible Transformer
	ORE – Regulator	

### Codes, Definitions – Continued

<b>CUST OUT</b>	<b>[Customer Out]</b> The number of customers without power for any given outage record
<b>CUST MIN</b>	<b>[Customer Minutes]</b> The total number of minutes customers were without power for any given record
<b>CODE</b>	<b>[Storm Code]</b> An event descriptor
	NON – Non Storm / Normal Conditions
	WTH – Weather Related (eg: wind storm, showers, etc)
	MAJ – Major event

## Media Coverage

# The Olympian

Monday, December 7, 2009

## The wind goes, but cold stays

### Weather forecast: High temperature will be only 31, with a low of 12 expected tonight

South Sound is expected to get a respite from the recent high winds in the coming days, a welcome break after gusts knocked down trees and left many streets littered with broken branches Sunday.

“We’re looking for pretty much dry and cold,” National Weather Service meteorologist Dennis D’Amico said Sunday afternoon. That translates to a high of 31 degrees today, with a low of 12 expected tonight.

Tuesday also is expected to be icy, with a high near 32 and a low of about 14. Temperatures are expected to rise Wednesday, with a high near 36 and a low of about 26.

About 3,000 Puget Sound Energy customers lacked power as of 3:20 p.m., spokeswoman Davina Gruenstein said. The majority of the outages hit between 9 and 10:30 a.m. Sunday, she said.

“Thurston and Pierce are going to be the areas hardest-hit right now,” she said, adding, “We’re definitely watching the winds, and we have our crews on alert.”

It will be even colder east of the mountains, with a high of 14 degrees forecast for today in Spokane.

The Associated Press contributed to this report.



Monday, December 7, 2009

## **Freezing temperatures in the NW this week**

SEATTLE - It's cold in the Pacific Northwest and getting colder.

The National Weather Service warns that an arctic front is moving south, bringing colder temperatures to much of Western Washington and northwest Oregon for the next several days. It also will be windy in the Portland area, with gusts of 30-40 mph into Monday morning and up to 60 mph in the mountains and western Columbia River Gorge.

"Tuesday morning will be the coldest morning of the week by a couple of degrees," said KING 5 Meteorologist Rich Marriott. "It's definitely cold enough this morning. They're starting off the in teens and 20s. We have gusty winds along the Canadian border and the South Sound around Tacoma. That's giving us wind chills in the single digits and teens."

On Monday, temperatures may not get above freezing. It will be even colder east of the mountains, with temperatures warming to just 14 degrees in Spokane on Monday.

A wind chill watch will be in effect late Sunday into early Monday for Eastern Washington and North Idaho. A combination of cold arctic temperatures and breezy winds will yield dangerous wind chills approaching -25 degrees. Sustained winds of 15 to 25 mph are expected.

Temperatures should begin to warm by the end of the week, but during the transition period, some areas could see some snow flurries before the precipitation turns to rain.

[Click here for the latest forecast from the KING 5 First Alert Weather Center.](#)

### **Power outages**

It's freezing outside and for hours thousands of people have been without electricity for most of the night.

About 9,800 Seattle City Light customers in West Seattle are in the dark this morning after an early morning massive power outage. No word yet when power will be restored.

In Burien and Sea-Tac, most Seattle City Light customers have their power back on after an overnight power outage. Seattle City Light says just 12 customers are still in the dark, but at its peak almost 10,000 were without power. No word on whether the outages was power related.

In the South Sound, Puget Sound Energy is working to get power back on for about 8,000 customers in Pierce and Thurston counties. They said the wind kicked up early Sunday and knocked down tree branches into power lines.

### **Shelters open**

Snohomish County, Kitsap County, Seattle, and Bellevue have all opened emergency shelters so people can get out of the cold.

The director of a shelter at Good Shepherd Baptist Church says no one should be outside overnight.

"Let us take care of you for the night give you a warm meal a warm bed and send you on your way with some bus tickets," said Charlotte Lawson, South Snohomish Emergency Shelter Network.

### **School delays**

Two school districts will be starting late Monday due to weather. In Jefferson County, Clearwater District will begin two hours late. And to the south, the Castle Rock District will also start two hours late. There's no morning kindergarten or preschool.

### **Cold weather preparations**

King County offers the following steps to prepare for cold weather conditions:

- Keep cold weather clothing in your vehicle for road emergencies and extra blankets in your car and home.
- Fill your car's gas tank and keep it at least half full at all times to avoid running out of gas due to unexpected weather-related traffic conditions.
- Wrap or insulate pipes and outdoor faucets to prevent them from freezing.
- Assemble an emergency supply kit for your home, car and work or school, with water and non-perishable food, a flashlight and extra batteries, first aid and hygiene supplies.
- Don't forget about your pet's needs. Sheltering pets from wind and moisture is very important. Wind chill affects pets just like people. Very young and older pets are most susceptible to frostbite and hypothermia. When the temperature drops, make sure pets can go to a warm space, out of the elements.

Visit [www.takewinterbystorm.org](http://www.takewinterbystorm.org) for an emergency preparedness checklist and other helpful information.





Saturday, December 5, 2009

## **Weather Service in Seattle says cold, sunny days ahead**

By BILL SHEETS

Anyone who's tired of the rain after the series of storms that pelted the region in November is in for some good news.

The dry streak that began earlier this week is projected to hang around until Wednesday and possibly beyond.

"This looks like a pretty prolonged stretch," said Andy Haner, a meteorologist with the National Weather Service in Seattle.

The downside? It will be cold.

Temperatures in Everett are forecast to reach a high of only 38 degrees today and the mid- or low 30s on Sunday and Monday. Nighttime lows are forecast to dip into the mid- or low 20s.

The cloud cover that acts as a blanket this time of year will mostly be gone the next few days, Haner said.

"If there is precipitation anytime in the next week, it would be cold enough to snow," Haner said.

That's not expected, though.

"There's an outside chance of a flurry. It would be brief, it would be light," he said.

During cold periods, more people use their fireplaces and wood stoves and sometimes the pollution hangs close to the ground, according to officials with the Puget Sound Clean Air Agency.

This week, though, air quality in the area is expected to be good, said Amy Warren, a spokeswoman for the agency.

Winds aren't predicted to be strong but breezes will keep the air swept out, she said.

Still, people who burn wood are encouraged to use practices that keep smoke and pollution down, such as using dry, seasoned wood, Warren said. Information on clean heating practices may be found on the agency's Web site at [www.pscleanair.org](http://www.pscleanair.org).

For information on clean heating rebates, visit the Web site for the Snohomish County Public Utility District at [www.snopud.com](http://www.snopud.com) or Puget Sound Energy at [www.pse.com](http://www.pse.com).