PUGET SOUND ENERGY

2007
Qualifying Storm Events

January 9, 2007

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Event Description

Date of event

January 9, 2007

Event Type

This was a combination of wind and snow storm.

Service Areas Affected

The majority of storm damage occurred in Island, Skagit and Whatcom Counties; however PSE also experienced a number of outages throughout King and Kitsap Counties.

Number of Customers Affected

Approximately 56,800 electric service customers lost power during this event.

Summary of System Impacts

Total Number of Outages	**546**
Distribution Circuits Totally Out	6
Distribution Circuits Partially Out	540

Transmission Circuits Affected	6
Substations Totally Off-line	5

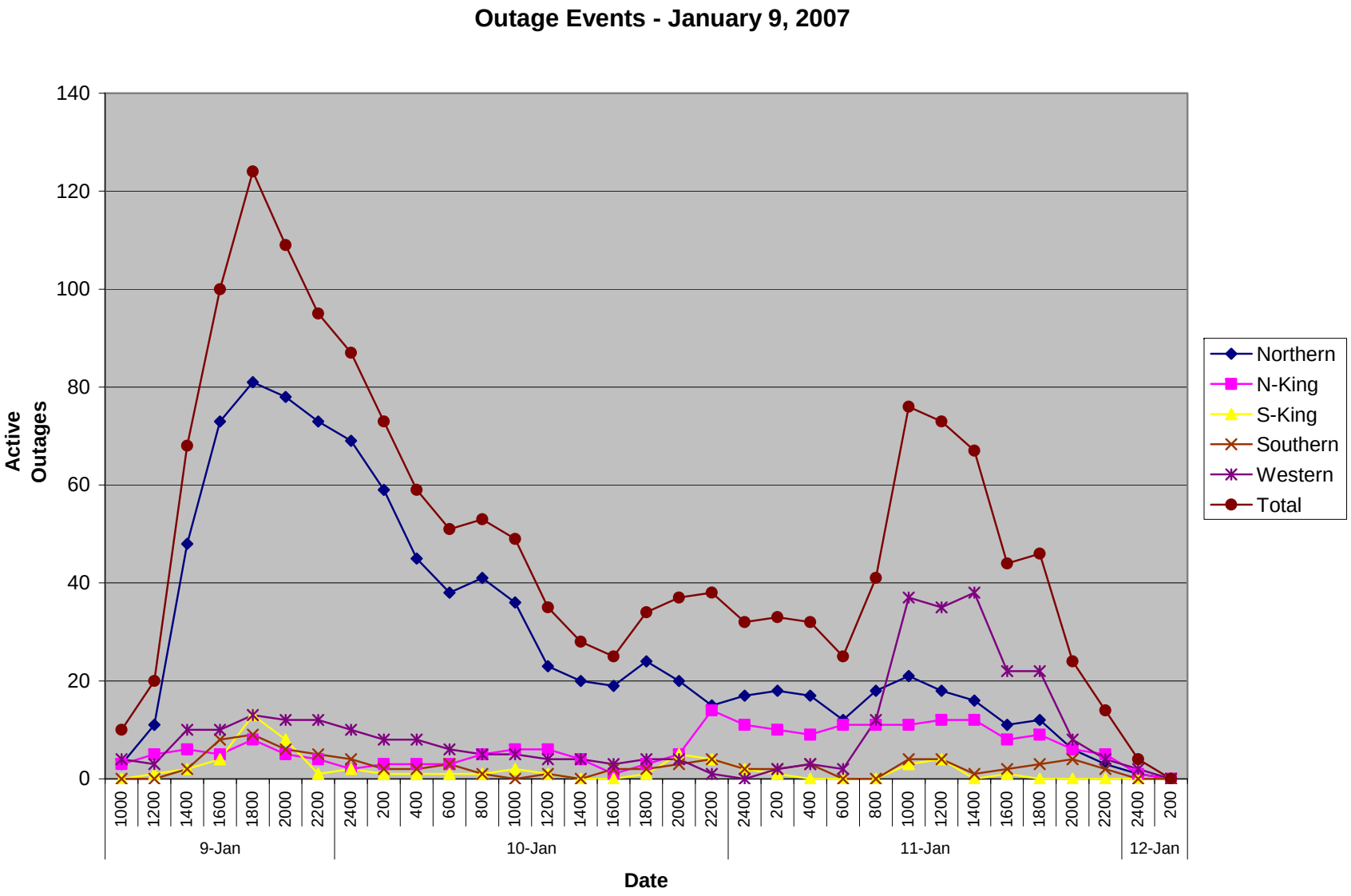
Mobilization Summary

Operating bases

Base	Date Opened	Time Opened	Date Closed	Time Closed
Skagit	1/9/2007	13:00	1/11/2007	21:30
Island	1/9/2007	13:00	1/11/2007	21:30
Whatcom	1/9/2007	13:30	1/11/2007	20:30
N-King	1/9/2007	16:30	1/9/2007	20:00
S-King	1/9/2007	17:00	1/9/2007	21:15
Kitsap	1/11/2007	09:25	1/11/2007	22:30

Emergency Operations Center

EOC	Date Opened	Time Opened	Date Closed	Time Closed
	1/9/2007	16:30	1/10/2007	13:00


Outage Events - January 9, 2007
Active Outages
140
120
100
80
60
40
20
0
1000
1200
1400
1600
1800
2000
2200
2400
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
200
9-Jan
10-Jan
11-Jan
12-Jan
Date
Northern
N-King
S-King
Southern
Western
Total

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(Alpha + 2.5 * Beta)
7. Any day in the next year with SAIDI > Tmed is a major event day.

Puget Sound Energy's Major Event Threshold for 2007: 6.87 Minutes

Qualified Events - 2007

Current Event – Calculation Detail

Event Date	Total Customer Minutes	Average Customer Count	Daily SAIDI – Customer Minutes /Customer Count
1/9/2007	24,738,186	1,045,485	23.66

Cumulative list of events that have qualified

Date(s)	T-med Score	O&M – Deferrable Accumulation
1/2/2007	8.41	$1,339,165
1/5/2007	11.62	$2,395,508
1/9/2007	23.66	$7,000,000

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
1/2/2007	$0	$56,550	$0	$38,044	$1,338,765	$1,376,809	$1,433,359
1/5/2007	$0	$111,336	$0	$67,273	$2,328,235	$2,395,508	$2,506,844
1/9/2007	$316,014	$171,146	$0	$113,115	$3,333,000	$3,446,115	$3,933,275

YTD Storm Restoration Cost Detail – Through January 9, 2007

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
$316,014	$339,032	$0	$218,432	$7,000,000	$7,218,432	$7,873,478

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

Puget Sound Energy
January 9, 2007 Storm Damage Repair Costs

	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					$ 43,488	$43,488	$43,488
OT					$ 248,570	$248,570	$248,570
Total Labor	$0	$0	$0	$0	$ 292,059	$292,059	$292,059
Labor OH					$ 97,188	$97,188	$97,188
Materials		$55,729			$ 157,616	$157,616	$213,345
Contractors		$97,898			$ 2,977,509	$2,977,509	$3,075,407
Other Direct Charges		$17,519			$ 23,436	$23,436	$40,955
Fleet					$ 61,309	$61,309	$61,309
Other Assessments				$113,115	$ 39,897	$153,013	$153,013
Deferred Expenses	$316,014				$ (316,014)	($316,014)	$0
	$316,014	$171,146	$0	$113,115	$ 3,333,000	$3,446,115	$3,933,275

IEEE-1366 - Detailed List of Distribution Circuits with Outages

Notification	Date	Time	Circuit	Area	Cause	Equipment	Cust Outs	Cust Mins
E081128392	1/9/2007	2:02:00	HKX-16	EAC	EF	OTR	3	957
E277791898	1/9/2007	4:54:00	PGA-15	ECF	TO	OCO	304	74,784
E370739317	1/9/2007	5:54:00	WLS-15	EAC	PO	OFC	5	905
E941511357	1/9/2007	7:04:00	SKE-26	ECE	TO	OFU	3	213
E020112672	1/9/2007	7:13:00	OVE-15	EBE	EF	UPC	9	4,320
E297005148	1/9/2007	8:20:00	POU-15	ECE	EF	OFU	200	39,000
E637623954	1/9/2007	8:47:00	MLK-15	EBE	BA	PMF	50	7,750
E052297710	1/9/2007	8:55:00	WAY-15	EBD	BA	OTF	7	665
E353642357	1/9/2007	9:09:00	NUG-26	EAA	EF	UPC	1	381
E745205296	1/9/2007	9:41:00	GBK-13	EAD	TO	CDH	185	215,155
E194007408	1/9/2007	9:41:00	IRO-13	ECF	SO	OFU	19	2,641
E218978715	1/9/2007	9:41:00	IRO-13	ECF	TO	OFU	1,100	126,500
10711960	1/9/2007	10:00:00	AVO-13	EBD	EF	USV	1	92
E050779030	1/9/2007	10:07:00	PGA-15	ECF	EF	UTC	75	17,300
E479252326	1/9/2007	10:11:00	COT-16	EBD	SO	OCO	3	534
E971036384	1/9/2007	10:19:00	WIS-14	EBF	BA	OCO	5	905
E291884331	1/9/2007	10:35:00	GOO-16	EBF	EF	UPT	78	9,407
E884868343	1/9/2007	10:39:00	MHT-15	EBJ	PO	OSV	1	51
E515293002	1/9/2007	11:01:00	WAB-13	EBI	PO	OSV	1	259
E962415446	1/9/2007	11:05:00	GBK-15	EAD	EF	CDH	241	266,787
E107129292	1/9/2007	11:15:00	VIK-23	EAA	TF	OCR	152	47,728
E069352562	1/9/2007	11:17:00	MIL-16	ECE	EF	GAR	1	262
10719114	1/9/2007	11:29:00	TLN-0059	EEA	TF	OCO	3,202	2,519,426
E609545295	1/9/2007	11:31:00	ALG-12	EAC	TO	OCR	1,180	1,028,960
E157841914	1/9/2007	11:32:00	SWA-12	EAD	EF	OPO	89	78,231
E970386086	1/9/2007	11:34:00	BTN-35	EAC	EF	OFC	19	17,879
E311887708	1/9/2007	11:45:00	HAN-12	EAA	TO	OFC	22	3,608
E996109943	1/9/2007	11:52:00	BIG-13	EAC	SO	OFC	3	564
E449572426	1/9/2007	11:55:00	FRA-16	ECD	EF	OTF	1	85
E703585406	1/9/2007	12:01:00	PET-13	EAC	TO	OCO	250	14,750
E964547764	1/9/2007	12:03:00	CHR-22	ECE	TO	OFU	938	65,660
E945350344	1/9/2007	12:10:00	BDI-16	EBJ	DU	UPC	3	1,500
E917675940	1/9/2007	12:11:00	SUM-15	EAC	TO	CDH	1,729	618,982
E001815066	1/9/2007	12:17:00	BAK-25	EAA	EF	OJU	2	1,676
E732581531	1/9/2007	12:18:00	SIL-13	ECF	TO	OCO	270	87,761
E066694012	1/9/2007	12:19:00	QUI-26	ECF	TO	OFU	75	15,600
E620457628	1/9/2007	12:19:00	PTL-13	ECF	TO	OFU	344	38,872
E550430027	1/9/2007	12:20:00	CRE-15	EAD	TO	CDH	824	641,072
E285467067	1/9/2007	12:29:00	HAM-13	EAC	TO	OPO	811	272,468
E831243351	1/9/2007	12:29:00	KLA-17	EBF	PO	OSV	1	131
E419248257	1/9/2007	12:34:00	SKY-23	EBD	TO	OCO	1	255
E786059399	1/9/2007	12:35:00	BIG-12	EAC	TO	OPO	113	143,510
E857140017	1/9/2007	12:37:00	ALG-15	EAA	TO	OCO	236	192,812
E752438019	1/9/2007	12:37:00	ALG-15	EAA	TO	OCO	169	260,767
E211522763	1/9/2007	12:37:00	PGA-13	ECE	TO	OFU	3	411
E777739371	1/9/2007	12:37:00	PGA-13	ECE	TO	OCO	24	6,312

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January 9, 2007

Notification	Date	Time	Circuit	Area	Cause	Equipment	Cust Outs	Cust Mins
E126836756	1/9/2007	12:42:00	NLM-13	EAC	TO	OCO	2,138	76,968
E692282724	1/9/2007	12:54:00	HAM-15	EAC	TO	OTR	1,342	483,852
E908011555	1/9/2007	13:02:00	FLD-13	EAD	EF	OFC	574	576,042
E668062505	1/9/2007	13:04:00	QUI-25	ECF	TO	OFU	33	14,091
E151878618	1/9/2007	13:07:00	BIG-15	EAC	TO	CDH	1,555	229,455
E653795092	1/9/2007	13:10:00	NLM-15	EAC	TO	OPO	310	356,500
E494215127	1/9/2007	13:11:00	IRO-16	ECF	TO	OFC	7	4,312
E224309694	1/9/2007	13:12:00	CLY-23	EBE	EF	OTF	2	66
E382263258	1/9/2007	13:15:00	LYN-23	EAA	TO	CDH	18	22,842
E022408064	1/9/2007	13:16:00	HKX-16	EAC	TO	CDH	131	124,843
E240113152	1/9/2007	13:17:00	RIT-16	EAC	TO	OPO	13	14,599
E679819519	1/9/2007	13:18:00	CPV-15	EAD	TO	OCO	416	348,192
E230199701	1/9/2007	13:18:00	CLV-16	EAD	TO	OCO	500	231,150
E364915363	1/9/2007	13:19:00	CRE-12	EAD	TO	OCO	1,057	281,795
E438512706	1/9/2007	13:21:00	RED-13	EBD	PO	OSV	1	94
E532965253	1/9/2007	13:22:00	MCK-15	EAA	EF	PMF	39	6,357
E711615350	1/9/2007	13:24:00	KEN-13	EAA	TO	OIN	75	104,475
E052565592	1/9/2007	13:25:00	CAR-16	EAA	TO	OCO	1	560
E027551568	1/9/2007	13:25:00	LGY-16	EAD	TO	OCO	26	21,970
E204991091	1/9/2007	13:29:00	VIS-26	EAA	TF	OFU	4	424
E540704326	1/9/2007	13:31:00	BRO-15	EAD	TO	OCO	1,574	121,198
E460242504	1/9/2007	13:31:00	NLM-16	EAC	TO	OCO	20	18,360
E498363079	1/9/2007	13:32:00	PTL-13	ECF	TO	OCO	7	7,966
E101011320	1/9/2007	13:32:00	PTL-13	ECF	TO	OFU	11	1,082
E921436848	1/9/2007	13:36:00	PET-15	EAC	EF	OCO	3	2,376
E334834382	1/9/2007	13:41:00	ALG-15	EAC	TO	OIN	35	33,530
E066583189	1/9/2007	13:42:00	YEL-27	ECC	EF	OFC	37	6,919
E385411645	1/9/2007	13:46:00	CRE-16	EAD	TO	OCO	38	38,152
E995877357	1/9/2007	13:50:00	BRI-14	EAA	EF	OJU	57	32,205
E074944056	1/9/2007	13:50:00	SCH-13	EAA	TO	OCO	22	27,170
E108571056	1/9/2007	13:50:00	BRW-15	EAC	TO	OCO	85	120,700
E602911182	1/9/2007	13:50:00	KAP-16	ECA	TF	OCO	150	16,350
E316690415	1/9/2007	13:51:00	FAB-15	EAD	EF	OSW	3	1,771
E425795528	1/9/2007	13:52:00	NBE-16	EBF	TO	OCO	30	2,040
E582800595	1/9/2007	13:55:00	HAP-16	EAA	EF	OHR	1,222	97,760
E251006267	1/9/2007	13:56:00	HAP-13	EAA	TO	OCO	1,888	198,240
E773156116	1/9/2007	13:58:00	KEN-12	EAA	TO	OPO	207	194,994
10713152	1/9/2007	14:00:00	FRA-13	ECD	TO	UPT	1	24
E289876965	1/9/2007	14:01:00	NRU-25	EBE	TO	OCO	894	34,866
E338445327	1/9/2007	14:08:00	SCH-15	EAA	TO	CDH	4	2,968
E195562050	1/9/2007	14:09:00	WAY-15	EBD	TO	OSV	1	63
E951559539	1/9/2007	14:12:00	ASB-13	EBJ	TF	OCO	21	1,408
E248484613	1/9/2007	14:24:00	VAS-12	EBL	TO	OFU	9	1,827
E454759055	1/9/2007	14:29:00	PAN-12	EBJ	EF	OCO	682	32,077
E309094898	1/9/2007	14:34:00	BRS-24	EAC	TO	OCR	49	78,652
E495631888	1/9/2007	14:47:00	KAP-16	ECA	TO	OCO	62	60,760
E287078952	1/9/2007	14:47:00	PAN-13	EBJ	TF	OCO	6	198
E318787632	1/9/2007	14:58:00	SLA-16	EAA	TO	OCR	267	211,731
E525695014	1/9/2007	14:58:00	SLA-16	EAA	TF	OCO	20	27,940

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Notification	Date	Time	Circuit	Area	Cause	Equipment	Cust Outs	Cust Mins
E058482519	1/9/2007	14:58:00	LOC-23	EBE	EF	OTF	3	459
E609047445	1/9/2007	15:02:00	HKX-12	EAC	TO	OCO	1,132	432,424
E624178632	1/9/2007	15:08:00	SIN-22	ECD	TF	OSV	1	76
E169695591	1/9/2007	15:12:00	ALG-15	EAA	TO	OCO	25	23,300
E738053483	1/9/2007	15:19:00	BIG-16	EAC	TO	OCO	1,513	647,564
E467574439	1/9/2007	15:21:00	KLA-15	EBF	TF	OTF	23	2,668
E380623640	1/9/2007	15:21:00	PRI-21	ECC	TF	OCO	31	3,937
E306707744	1/9/2007	15:23:00	MCK-15	EAA	EF	OFC	31	18,662
E925602722	1/9/2007	15:24:00	MCK-16	EAA	TO	CDH	70	18,270
10719059	1/9/2007	15:25:00	TLN-0184	EEA	TF	OCO	13,116	245,741
E734731453	1/9/2007	15:25:00	PLY-15	EAA	TO	OCO	1	335
E559111939	1/9/2007	15:27:00	FLD-12	EAD	TO	OCO	40	50,800
E588857233	1/9/2007	15:28:00	LGY-12	EAD	TF	OCO	15	10,830
E427326690	1/9/2007	15:28:00	FLD-15	EAD	TO	OCO	20	19,440
E642778996	1/9/2007	15:28:00	LGY-15	EAD	TF	OCO	23	16,606
E412211127	1/9/2007	15:28:00	BRO-15	EAD	TF	OCO	274	199,198
E121861985	1/9/2007	15:29:00	CPV-13	EAD	TO	OCO	554	315,380
E009530149	1/9/2007	15:30:00	BLU-16	ECC	TF	OCO	1,516	142,504
E197825565	1/9/2007	15:30:00	BCH-16	EAA	TO	CDH	2	2,398
E873841427	1/9/2007	15:30:00	LGY-13	EAD	TF	OCO	10	7,200
E722895007	1/9/2007	15:33:00	KEN-12	EAA	TO	OCO	27	22,356
E265201108	1/9/2007	15:35:00	RAI-11	ECC	TF	OCO	100	15,500
E064743788	1/9/2007	15:38:00	IRO-17	ECF	TO	OCR	573	369,555
E268701474	1/9/2007	15:46:00	HOU-25	EBD	EF	OTF	8	912
E554084046	1/9/2007	15:46:00	KAP-13	ECA	TF	OSV	1	154
E996529439	1/9/2007	15:49:00	NUG-26	EAA	EF	OFC	9	10,089
E052286643	1/9/2007	15:54:00	HAN-13	EAA	EF	UPC	4	11,084
E972235264	1/9/2007	15:58:00	WOO-26	ECA	TO	OCO	31	18,166
E720575455	1/9/2007	15:59:00	PAN-12	EBJ	TF	OGS	682	94,798
E226965636	1/9/2007	16:00:00	SEQ-15	EBJ	TO	OCO	239	10,807
E703993481	1/9/2007	16:01:00	NUG-26	EAA	TO	OCO	130	47,450
E522178315	1/9/2007	16:03:00	LTA-17	ECA	TO	OPO	150	127,200
E167194645	1/9/2007	16:06:00	HIG-13	EBE	EF	OTF	3	162
E377414889	1/9/2007	16:08:00	SOO-25	EBI	TO	OCR	109	42,510
E444402288	1/9/2007	16:11:00	LYO-15	EBJ	TF	OCO	343	105,644
E747035933	1/9/2007	16:14:00	LWS-13	EBI	TO	OCO	2,163	186,018
E276004432	1/9/2007	16:14:00	HOB-15	EBI	TF	OCO	25	4,650
E733423957	1/9/2007	16:14:00	BON-17	ECA	TO	OCO	498	221,112
E814574994	1/9/2007	16:16:00	BLU-17	ECC	TO	OCO	10	5,040
E529476514	1/9/2007	16:16:00	LMC-25	EBF	TO	OCO	15	2,010
E226967014	1/9/2007	16:16:00	SHA-13	ECA	TF	OCO	250	40,000
E632335477	1/9/2007	16:18:00	NOB-24	EBE	TO	OCO	2	324
E441046124	1/9/2007	16:18:00	DUV-13	EBD	TO	OCO	12	4,572
E877917708	1/9/2007	16:18:00	PMA-16	ECE	TF	OCO	6	4,824
10719118	1/9/2007	16:18:00	TLN-0015	EEA	TF	OCO	3,330	46,620
E777974327	1/9/2007	16:20:00	LWS-13	EBJ	TF	OCO	15	1,950
E566886609	1/9/2007	16:25:00	ORT-22	ECA	TF	OSV	1	313
E963702570	1/9/2007	16:26:00	IRO-13	ECF	TF	OCO	30	13,020
E269899358	1/9/2007	16:27:00	IRO-13	ECF	TO	OCO	26	20,774

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Notification	Date	Time	Circuit	Area	Cause	Equipment	Cust Outs	Cust Mins
E264135607	1/9/2007	16:27:00	PET-13	EAC	TO	OCO	1,718	894,142
10719113	1/9/2007	16:29:00	TLN-0184	EEA	TF	OCO	13,116	7,676,391
E027688618	1/9/2007	16:31:00	SUM-12	EAC	TO	OCO	4	2,352
E111362090	1/9/2007	16:33:00	HWD-23	EBD	TF	OSV	1	147
E305803049	1/9/2007	16:34:00	HAP-15	EAA	TO	OCO	2	1,792
E216945311	1/9/2007	16:37:00	PAN-15	EBJ	TF	OSV	2	496
E442057235	1/9/2007	16:41:00	SCH-15	EAA	TO	OCO	53	25,652
E738944376	1/9/2007	16:44:00	WLS-16	EAC	TO	OCO	4	2,820
E180457858	1/9/2007	16:44:00	FWD-16	EBJ	EF	USV	10	1,960
E326660937	1/9/2007	16:46:00	QUI-26	ECF	TF	OSV	1	325
E155458177	1/9/2007	16:46:00	TOL-16	EBD	EF	OTF	2	308
E792184425	1/9/2007	16:47:00	OSC-23	EBI	TF	OCO	21	5,313
E518285929	1/9/2007	16:48:00	LWS-12	EBI	TO	OCO	48	8,736
E809552512	1/9/2007	16:55:00	HAS-15	ECF	TO	OCO	10	3,340
E765539705	1/9/2007	16:58:00	IRO-15	ECF	TO	OFU	1,613	285,501
E728555254	1/9/2007	17:11:00	SKY-23	EBD	TO	OCO	8	2,473
E684274096	1/9/2007	17:17:00	SKY-25	EBD	TO	OCO	67	14,070
E654600732	1/9/2007	18:02:00	BRS-13	EAC	TF	OPO	14	118,818
E515232604	1/9/2007	18:11:00	WIS-13	EBF	TO	OSV	1	138
E204773910	1/9/2007	18:13:00	GBK-13	EAD	TO	OCO	1	802
E428247089	1/9/2007	18:46:00	MIR-15	EBF	TF	OCO	1	69
E959828206	1/9/2007	19:03:00	RIV-16	EAC	PO	OSV	1	1,136
E397293660	1/9/2007	19:06:00	LLT-13	EBD	EF	USV	1	119
E441663924	1/9/2007	19:18:00	BLA-13	EAA	TO	CDH	2	1,684
E253344987	1/9/2007	19:24:00	EPO-13	ECD	EF	OTF	1	67
E950395867	1/9/2007	20:06:00	IRO-15	ECF	TF	OCO	41	17,076
E134850727	1/9/2007	20:31:00	FRA-15	ECD	EF	UPC	12	7,244
E811719490	1/9/2007	20:34:00	SHD-18	EBI	TF	OSV	2	72
E054695505	1/9/2007	20:47:00	BRI-15	EAA	TO	OCO	1,704	470,304
E648480287	1/9/2007	20:52:00	SUM-15	EAC	EF	OCN	2	136
E959570746	1/9/2007	21:09:00	HAN-12	EAA	EF	UJU	1	306
E643934840	1/9/2007	21:34:00	CAS-16	EBH	EF	OCO	1,753	499,848
E874838544	1/9/2007	22:29:00	WCA-16	EBK	EF	UTR	8	3,928
E578714798	1/9/2007	22:59:00	PET-16	EAC	TO	OPO	1	241
E940419482	1/9/2007	23:04:00	VAS-23	EBL	TO	OFU	36	3,456
E758445870	1/9/2007	23:12:00	FWD-17	EBJ	TF	OCO	9	1,363
E079754288	1/9/2007	23:38:00	VAS-12	EBL	TO	OTF	3	353

Terms, Codes and Definitions Used on Detail Reports

Notification	**[Notification Number]** A number assigned by SAP, identifying the outage record
Date	The date of the outage
Time	The time of the outage
Circuit	**[Reference Circuit]** The circuit identifier for the affected circuit
F/LOC	**[Functional Location]** The grid number where the outage occurred. If the grid number is not available, the Reference Circuit identifier occupies this field
EQT NBR	**[Equipment Number]** 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

Area	**[Maintenance Planner Group]** 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

Cause	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

Equipment	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

CUST OUT	**[Customer Out]** The number of customers without power for any given outage record
CUST MIN	**[Customer Minutes]** The total number of minutes customers were without power for any given record

CODE	**[Storm Code]** An event descriptor
	NON – Non Storm / Normal Conditions
	WTH – Weather Related (eg: wind storm, showers, etc)
	MAJ – Major event

Newsprint Media Coverage

THE BELLINGHAM HERALD
Tuesday, January 9, 2007

Snow, high winds forecast for Tuesday and Wednesday

Puget Sound Energy warns of possible power outages

JARED PABEN

A storm expected to hit Western Washington Tuesday will likely bring snow and winds gusting up to 50 mph in areas, prompting Puget Sound Energy to warn people of the possibility of power outages.

Following a storm that will probably bring snow on Tuesday night and Wednesday, area residents will see freezing and below freezing temperatures until the weekend, said Dennis D'Amico, meteorologist with the National Weather Service.

PSE has about 60 crews on standby, but "if the winds hit 50 mph, as saturated as the soils are right now, I think it's a pretty safe bet that we would see some outages," PSE spokesman Roger Thompson said.

AP Associated Press
Wednesday, Jan 9, 2007 11:43 PM ET

Wash state hit by more wind; braces for snow

A fast-moving windstorm rolled through Western Washington and across the Cascades on Tuesday, bringing gusts as high as 60 mph in the northwestern part of the state and topping 100 mph in the Mission Ridge area, a forecaster said.

High winds brought down trees and power lines in several areas, temporarily closing State Highway 116 on Marrowstone Island near Port Townsend and State Route 164 west of Enumclaw in southeast King County, the state Transportation Department said.

Following the wind was a strong winter storm expected to bring snow into Wednesday and much colder temperatures.

"We did have damaging winds in the northern third of Western Washington," National Weather Service forecaster Carl Cerniglia said Tuesday evening, noting the windstorm passed through quickly.

Gusts of 45 mph were recorded at Seattle-Tacoma International Airport.

By mid-evening, snow was reported falling at the Everett airport, he said.

Northwest Washington could see 1-3 inches of snow through Wednesday - although Snohomish County might see more - while the greater Seattle area might see a trace to two inches, he said.

In Eastern Washington, the Weather Service forecast temperatures in the teens by Thursday, with overnight temperatures in single digits into the weekend.

Forecasters didn't expect the storm to be as widespread or long-lasting as other storms in the past few weeks.

"We've had three significant storms within a little more than a month and a half, and a fourth is on its way. It's definitely unusual," Snohomish County Public Utility District spokesman Neil Neroutsos said earlier Tuesday.

A storm knocked out power to about 1.5 million people in the region Dec. 14-15. A snowstorm in late November knocked out power to 60,000 PUD customers, Neroutsos said.
Last week, winds cut power to 105,000 customers, he said.

Tuesday's storm knocked out power to an estimated 13,000 Puget Sound Energy customers at its peak, mainly in Island, Skagit and Whatcom counties, but area crews, assisted by 30 outside crews from

Oregon and Eastern Washington, were working to restore power, PSE spokesman Roger Thompson said Tuesday night.

Two separate outages affected roughly 3,500 Snohomish County PUD customers on Camano Island on Tuesday but most customers had power restored by Tuesday night, said PUD spokesman Mike Thorne.

"Wind is always the thing we worry about the most," Thorne said. "So far, so good."
Central Washington was hard-hit by a weekend storm that toppled trees and knocked out power to about 19,000 customers. Chelan County commissioners declared a state of emergency on Monday.

THE BELLINGHAM HERALD

Wednesday, Jan. 10, 2007

Forecast: More snow today, cold here to stay

Temperature expected to plummet though day

Expect the snow that fell overnight in many parts of Whatcom County to stick around a couple of days: Temperatures aren't expected to rise much above freezing.

A snow advisory is in effect today until noon, with two inches to four inches of accumulation expected in the lowlands, according to the National Weather Service. More snow may fall throughout the day as temperatures plummet into the 20s, but is expected to taper off by midday.

A snow advisory means that "any snow that does fall will stick to roadways," according to the National Weather Service. Drivers should be prepared for icy roads and snow possibly covering roads.

The arctic air is expected to settle over Whatcom County and remain until the weekend, according to the National Weather Service.

For people living along Highway 9 and in the foothills, snow accumulations of 5 to 10 inches could be on the ground this morning, according to a weather service snow advisory.

Clayton Silves, assistant superintendent of maintenance and operation for Whatcom County Public Works, said Tuesday afternoon that crews were set and waiting for everything to start.

"We're prepared and ready for the worst," he said. City, county and state crews had sand trucks loaded and ready for the first snow and ice to form Tuesday night. Plows were ready to be attached to trucks when snow started accumulating, Silves said.

Crews were busy Tuesday afternoon. Winds blasted the county starting Tuesday morning, knocking a few trees into buildings, downing power lines and causing several tree fires near utility poles.

By late Tuesday afternoon, Puget Sound Energy crews had responded to about 90 power problems in Whatcom, Island and Skagit counties, said spokesman Roger Thompson. He didn't know how many were in Whatcom County alone.

"Our crews are hitting it hard, working in the wind and the rain," Thompson said. "I think we're in good shape."

Winds blew between 20 and 40 mph most of the day, according to the National Weather Service. Gusts as high as 54 mph were recorded at Bellingham International Airport and 65 mph at Bellingham Cold Storage's weather station on Bellingham Bay.

PSE requested an additional 30 crews, which consist of up to four people, from Oregon, Eastern Washington and British Columbia. Thompson said ice can weigh down and snap lines.

"Parts of our system are still fragile from the mid-December storm," he said. "There are places we know where we did temporary repairs where we need to go back later … to do permanent repairs."

To reduce energy bills during frigid days, Thompson recommended fixing leaky doors and windows and turning the thermostat down a few degrees.

If your power goes out, Thompson asks for patience. He said crews would repair things as quickly as possible.