



2014
Qualifying Events Report
December 10, 2014 Event

Filed on March 10, 2015

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Event Description

Event Date and Time

December 10, 2014, 12:00 – December 11, 2014, 02:00

Event Type

Wind

Service Areas Significantly Affected

Thurston County

Number of Customers Affected

System wide, approximately 26,860 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages	159
Distribution Circuits Totally Out	0
Distribution Circuits Partially Out	159
Transmission Circuits Affected	0
Substations Offline	0

Mobilization Summary

Operating Bases Placed In Emergency Status

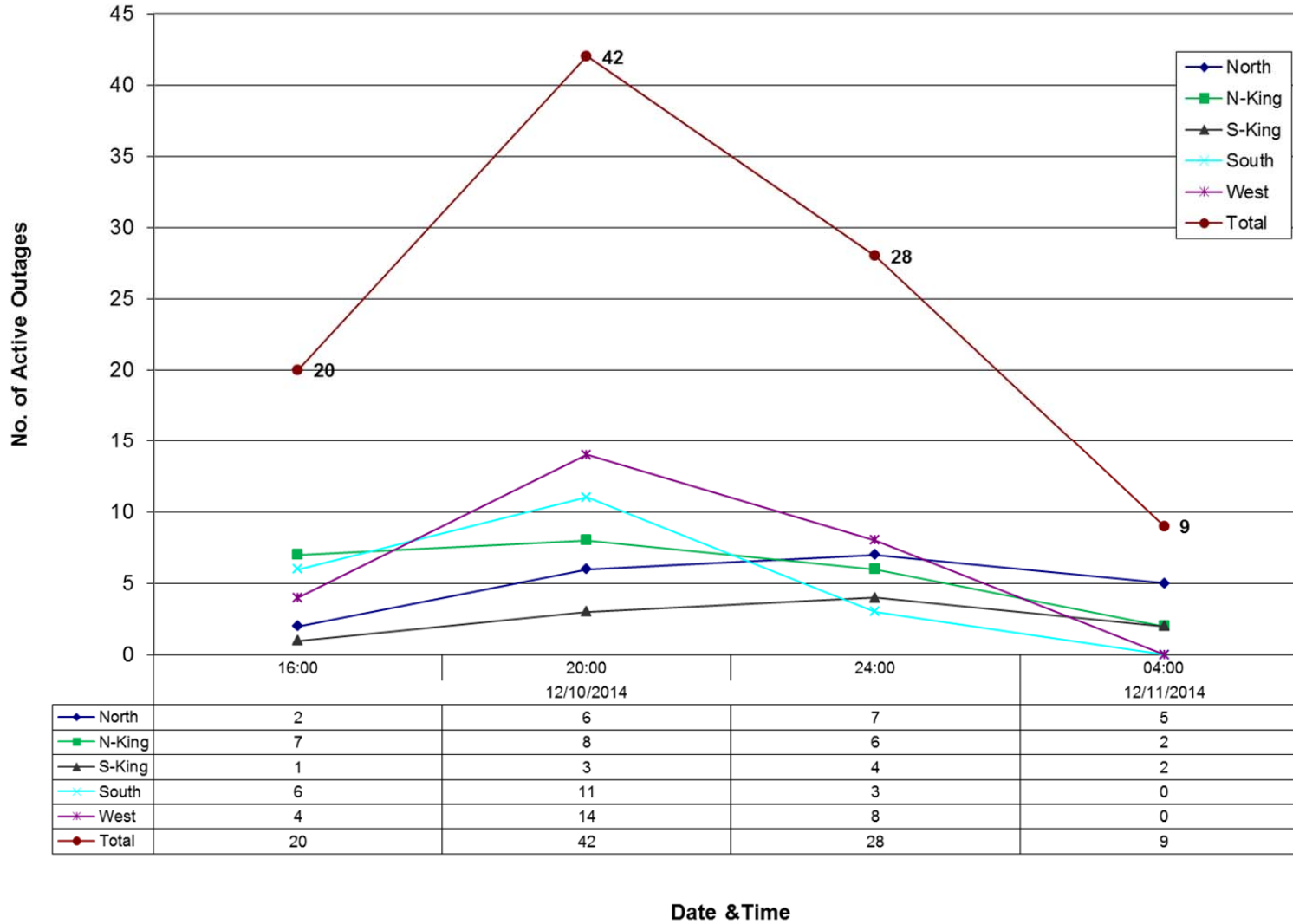
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	n/a	n/a	n/a	Na/a
North King	n/a	n/a	n/a	n/a
South King	n/a	n/a	n/a	n/a
Pierce	n/a	n/a	n/a	n/a
Thurston	12/10/2014	14:00	12/11/2014	23:30
Kitsap	n/a	n/a	n/a	n/a
Vashon	n/a	n/a	n/a	n/a
Kittitas	n/a	n/a	n/a	n/a

Emergency Coordination Center (ECC)

ECC	Date Opened	Time Opened	Date Closed	Time Closed
	n/a	n/a	n/a	n/a

Active Outage Event Chart

Number of Active Outages - 12/10/2014, 12:00 to 12/11/2014, 02:00



Major Event Day – Qualification

IEEE¹ Standard 1366

IEEE Standard 1366 was established to present a set of terms and definitions which can be used to foster uniformity in the development of electric system 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 Standard 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 SAIDI² 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 4
6. Compute the threshold T_{MED} where $T_{MED} = \exp(\text{Alpha} + 2.5 * \text{Beta})$
7. Any day in the next year with SAIDI > T_{MED} is a major event day

Puget Sound Energy's IEEE Major Event Threshold (T_{MED}) for 2014: 5.6 Minutes

Qualified Events - 2014

Current Event – Calculation Detail

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
12/10/2014 12:00 – 12/11/2014 02:00	3,961,070	1,107,403	3.58

YTD Daily SAIDI Detail

(First day that daily SAIDI exceeded PSE's T_{MED} of 5.6 Minutes by qualifying event)

Date	Daily SAIDI (from midnight to midnight)	O&M ³ Costs– Deferrable Accumulation
1/11/2014	41.62	\$ 4,446,568
2/12/2014	9.01	\$ 595,642
2/23/2014	8.4	\$ 1,287,276
10/25/2014	93.38	\$ 1,670,514
11/11/2014	86.48	\$ 0
11/29/2014	13.51	\$ 0
12/10/2014	6.79	\$ 0

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

³ O&M: Operations and Maintenance

Event Restoration – Cost Summary

Restoration Costs Detail by Qualifying Event (updated)

Event Date Range	Qualified Events Deferred Account	Capital Costs	O&M Costs Not Deferrable	O&M Costs Deferrable Accumulation	Total O&M Costs	Total
1/11/2014		\$ 472,000	\$ 358,555	\$,447,083(r)	\$4,805,639 (r)	\$5,277,639 (r)
2/12/2014		\$ 65,956 (r)	\$ 44,121	\$ 595,642	\$ 639,763	\$ 705,719 (r)
2/23/2014		\$ 86,871	\$ 97,208	\$ 1,287,276	\$1,384,484	\$ 1,471,355
10/25/2014	\$ 2,339,922(r)	\$ 324,151 (r)	\$ 263,446 (r)	\$ 1,669,999	\$1,933,445 (r)	\$4,597,518 (r)
11/11/2014	\$ 7,621,972(r)	\$ 681,140 (r)	\$ 309,076 (r)	\$ -	\$ 309,076 (r)	\$8,612,188 (r)
11/29/2014	\$ 1,205,519(r)	\$ 62,760	\$ 76,620 (r)	\$ -	\$ 76,620 (r)	\$,344,899 (r)
12/10/2014	\$ 101,668	\$ 10,089	\$ 10,825	\$ -	\$ 10,825	\$ 122,583

(r) Revised

YTD Storm Restoration Costs Detail

Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
\$11,269,082	\$1,702,966	\$1,159,852	\$8,000,000	\$9,159,852	\$22,131,900

Detail Documents

Restoration Cost Detail – Current Event

Detailed List of Distribution Circuits with Outages

Terms, Codes and Definitions Used on Detail Reports

Newsprint Media Coverage

Restoration Cost Detail – Current Event

Puget Sound Energy						
December 10, 2014 - Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
Labor						
ST		\$ 27	\$ -	\$ 6,557	\$ 6,557	\$ 6,583
OT		\$ -	\$ -	\$ 14,119	\$ 14,119	\$ 14,119
Total Labor	\$ -	\$ 27	\$ -	\$ 20,675	\$ 20,675	\$ 20,702
Labor OH		\$ 21	\$ (7,675)	\$ 18,772	\$ 11,098	\$ 11,119
Materials		\$ 2,206	\$ -	\$ 1,797	\$ 1,797	\$ 4,003
Contractors		\$ 6,832	\$ -	\$ 74,983	\$ 74,983	\$ 81,815
Other Direct Charges		\$ -	\$ -	\$ 1,320	\$ 1,320	\$ 1,320
Fleet		\$ 2	\$ -	\$ 1,696	\$ 1,696	\$ 1,698
Other Assessments		\$ 1,002	\$ 18,500	\$ (17,576)	\$ 924	\$ 1,926
Deferred Expenses	\$ 101,668			\$ (101,668)	\$ (101,668)	\$ -
	\$ 101,668	\$ 10,089	\$ 10,825	\$ -	\$ 10,825	\$ 122,583

ST: Standard Time

OT: Overtime

OH: Overhead

Detailed List of Outages Starting on December 10, 2014, the First T_{MED}-Exceeding Day of the Current Event

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00139343-1	12/10/2014	12:06:43 AM	SOU-26	EBJ	SO	USC	12	1083
P00139404-1	12/10/2014	2:50:00 AM	MIL-17	ECE	TV	OCO	22	14132
P00139406-1	12/10/2014	3:11:02 AM	CPV-15	EAD	TV	OCO	51	16923
P00139408-1	12/10/2014	3:39:47 AM	CHI-13	ECD	EF	OFC	3	351
P00139409-1	12/10/2014	5:27:34 AM	NLM-16	EAC	TV	OCO	6	2378
P00139413-1	12/10/2014	6:22:00 AM	CHA-16	ECC	EF	UTR	7	646
P00133566-1	12/10/2014	6:49:11 AM	PAT-15	ECC	SO	UPT	2	1875
P00139426-1	12/10/2014	7:00:00 AM	LON-22	ECC	TV	OCO	692	95646
P00139431-1	12/10/2014	7:29:57 AM	POU-16	ECE	UN	OCO	12	1464
P00139436-1	12/10/2014	7:43:13 AM	KAP-16	ECA	FI	OPO	2	692
P00139443-1	12/10/2014	8:56:59 AM	HKX-16	EAC	EF	OPO	44	9813
P00139463-1	12/10/2014	9:06:38 AM	BKB-14	EAC	TV	OFU	25	1659
P00139466-1	12/10/2014	9:13:59 AM	SEQ-13	EBJ	TV	OSV	1	223
P00139479-1	12/10/2014	9:39:34 AM	EGT-11	EBE	EF	USV	1	200
P00127610-1	12/10/2014	9:43:51 AM	EPO-13	ECD	UN	OCO	8	1147
P00139486-1	12/10/2014	9:44:02 AM	ROC-25	ECC	TV	OCO	79	7323
P00139488-1	12/10/2014	9:46:00 AM	NHL-17	EBD	TV	OTR	1	310
P00139494-1	12/10/2014	9:52:43 AM	ROC-25	ECC	EF	OTF	3	1162
P00139495-1	12/10/2014	9:52:55 AM	WOB-25	EAA	TV	OTF	3	315
P00139497-1	12/10/2014	9:53:13 AM	ROC-15	ECC	TV	OCO	979	71614
P00139521-1	12/10/2014	9:53:27 AM	ROC-25	ECC	TV	OJU	61	20220
P00139501-1	12/10/2014	9:59:14 AM	YEL-23	ECC	TV	OCO	1245	232851
P00139568-1	12/10/2014	10:04:10 AM	LTA-18	ECA	TV	OCO	899	79726
P00139512-1	12/10/2014	10:04:14 AM	MCA-16	ECC	TV	OCO	1861	171305
P00139551-1	12/10/2014	10:05:00 AM	LUH-01	ECC	TV	OCO	4884	429709
P00139516-1	12/10/2014	10:06:34 AM	KEN-12	EAA	TV	OHR	1433	73896
P00139585-1	12/10/2014	10:10:57 AM	SUN-12	ECA	EF	OFC	1	102
P00139603-1	12/10/2014	10:12:00 AM	AIR-22	ECC	TV	OCO	75	38082
P00139596-1	12/10/2014	10:12:09 AM	SHD-18	EBI	TV	OCO	44	5605
P00139606-1	12/10/2014	10:13:57 AM	SHD-18	EBI	TV	OFU	82	10389
P00139685-1	12/10/2014	10:15:11 AM	MAN-13	ECD	TV	OCO	144	9696
P00139769-1	12/10/2014	10:19:00 AM	BLU-16	ECC	TV	OCO	104	63577
P00139657-1	12/10/2014	10:19:17 AM	LAC-17	ECC	TV	OCO	97	29173
P00139617-1	12/10/2014	10:19:45 AM	PLG-17	ECC	TV	OCO	1197	145974
P00139621-1	12/10/2014	10:20:05 AM	PAN-12	EBJ	TV	OCO	480	13160
P00139618-1	12/10/2014	10:21:42 AM	PEA-17	EBJ	EF	OPI	26	3155
P00139619-1	12/10/2014	10:21:51 AM	CUS-13	EAA	TV	OCO	22	6741
P00139624-1	12/10/2014	10:22:56 AM	FRG-22	ECC	TV	OCO	81	42895

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00139660-1	12/10/2014	10:26:00 AM	FWD-17	EBJ	EO	OCO	1513	282012
P00139646-1	12/10/2014	10:26:36 AM	FWY-15	EBJ	TV	OCO	769	62058
P00139652-1	12/10/2014	10:27:26 AM	MAP-13	EBE	TV	OCO	2262	164260
P00139672-1	12/10/2014	10:32:32 AM	PCR-24	EBE	EF	OCO	278	23083
P00139668-1	12/10/2014	10:32:56 AM	MAP-15	EBE	TV	OCO	131	8862
P00139670-1	12/10/2014	10:33:00 AM	MHT-15	EBJ	TV	OCO	20	6941
P00140027-1	12/10/2014	10:33:16 AM	MAP-13	EBE	TV	OCO	2247	411275
P00139842-1	12/10/2014	10:36:00 AM	TLN-0122	EBE	TV	OCO	3498	84827
P00139645-1	12/10/2014	10:37:33 AM	HAN-12	EAA	SO	OCO	1	44
P00139697-1	12/10/2014	10:38:00 AM	SWE-23	EBJ	TV	OCO	36	10092
P00139692-1	12/10/2014	10:38:51 AM	HOL-13	ECA	TV	OCO	87	7412
P00139720-1	12/10/2014	10:39:35 AM	ROC-26	ECC	TV	OTF	1	263
P00139850-1	12/10/2014	10:43:11 AM	VAS-13	EBL	TV	OCO	52	6864
P00139818-1	12/10/2014	10:45:45 AM	LWS-13	EBJ	TV	OFU	6	498
P00139848-1	12/10/2014	10:47:43 AM	ING-15	EBD	TV	OCO	2312	172861
P00139863-1	12/10/2014	10:55:15 AM	HAP-16	EAA	TV	OCO	419	264452
P00139882-1	12/10/2014	11:00:54 AM	UHL-21	EBD	TV	OCO	4937	266045
P00139877-1	12/10/2014	11:01:02 AM	VWY-12	EAA	EF	OFC	1	83
P00139893-1	12/10/2014	11:10:00 AM	HWD-25	EBD	TV	OPO	28	14878
P00139898-1	12/10/2014	11:14:30 AM	FCR-11	EBI	TV	OCO	1749	227720
P00139899-1	12/10/2014	11:16:54 AM	LHL-25	EBE	EF	OCO	1	110
P00139920-1	12/10/2014	11:35:22 AM	KAP-15	ECA	TV	OCO	20	1391
P00139938-1	12/10/2014	11:49:41 AM	WAB-13	EBI	TV	OFU	61	6553
P00139970-1	12/10/2014	12:01:40 PM	BIG-15	EAC	TV	OCO	215	19754
P00139964-1	12/10/2014	12:02:00 PM	MAP-13	EBE	EF	OCO	15	3551
P00139987-1	12/10/2014	12:15:05 PM	CPV-15	EAD	EF	OFC	680	10761
P00139975-1	12/10/2014	12:15:50 PM	LYN-24	EAA	TV	OSV	1	119
P00139986-1	12/10/2014	12:20:03 PM	HOL-13	ECA	TV	OCO	76	7367
P00139993-1	12/10/2014	12:23:06 PM	BDI-13	EBI	TV	OTF	10	1875
P00139914-1	12/10/2014	12:30:34 PM	LTA-17	ECA	TV	OCO	88	20686
P00139999-1	12/10/2014	12:31:00 PM	PIP-23	EBI	TV	OPO	65	21660
P00140022-1	12/10/2014	12:48:59 PM	PIN-27	EBD	TV	OCO	223	24091
P00140037-1	12/10/2014	12:58:18 PM	SME-15	EBE	TV	OCO	25	3405
P00139607-1	12/10/2014	1:05:36 PM	RAI-14	ECC	TV	OCO	75	45974
P00140082-1	12/10/2014	1:10:21 PM	PLA-21	EBD	TV	OCO	1431	164493
P00140063-1	12/10/2014	1:11:36 PM	AVO-17	EBD	TV	OCO	267	22909
P00140058-1	12/10/2014	1:11:57 PM	KCR-17	EBJ	TV	UTC	4	245
P00140085-1	12/10/2014	1:13:00 PM	DUV-13	EBD	TV	OCO	1290	19952
P00140068-1	12/10/2014	1:14:26 PM	AVO-15	EBD	TV	OTF	5	808
P00140089-1	12/10/2014	1:24:15 PM	HKX-13	EAC	EF	OFC	1	155
P00140285-1	12/10/2014	1:30:00 PM	TLN-0260	EBD	CP	OCO	13777	1700812

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00140115-1	12/10/2014	1:32:00 PM	DUV-13	EBD	TV	OCO	79	21165
P00140107-1	12/10/2014	1:40:00 PM	MAP-13	EBF	EF	UPC	28	13955
P00140112-1	12/10/2014	1:43:15 PM	VAS-13	EBL	TV	OCO	208	36001
P00140110-1	12/10/2014	1:43:24 PM	NOR-24	EBD	UN	OCO	10	1417
P00140114-1	12/10/2014	1:48:00 PM	LMC-26	EBE	EF	OCO	4	1408
P00140121-1	12/10/2014	1:56:53 PM	EDG-15	ECA	EF	OTF	3	176
P00140137-1	12/10/2014	2:17:20 PM	FLD-15	EAD	TV	OFU	290	27808
P00140146-1	12/10/2014	2:24:10 PM	VAS-13	EBL	TV	OTR	1	126
P00140155-1	12/10/2014	2:32:49 PM	TIL-25	ECA	TV	OCO	9	982
P00140156-1	12/10/2014	2:39:26 PM	LAC-17	ECC	TV	OTF	8	1164
P00140160-1	12/10/2014	2:41:00 PM	MCW-14	ECE	EF	UPC	53	17385
P00140161-1	12/10/2014	2:44:03 PM	FAL-13	EBF	BA	OTF	6	2021
P00140165-1	12/10/2014	2:49:16 PM	GRI-16	ECC	EF	OTF	2	289
P00140176-1	12/10/2014	2:54:21 PM	SPI-17	EBD	CP	OPO	572	131331
P00140111-1	12/10/2014	3:02:02 PM	SHE-16	ECE	SO	UEL	1	8311
P00140270-1	12/10/2014	3:04:26 PM	RAI-12	ECC	TV	OTF	1	340
P00140281-1	12/10/2014	3:07:17 PM	HKX-12	EAC	OD	OJU	35	1768
P00140312-1	12/10/2014	3:38:00 PM	WLS-16	EAC	CP	OPO	21	6571
P00140318-1	12/10/2014	4:02:20 PM	LAU-11	EAA	EF	OFC	2	135
P00140321-1	12/10/2014	4:09:55 PM	SCH-16	EAA	TV	OSV	1	187
P00140325-1	12/10/2014	4:22:35 PM	LYN-14	EAA	TV	OTF	1	137
P00140330-1	12/10/2014	4:34:55 PM	SLA-17	EAA	TV	OTF	1	62
P00140335-1	12/10/2014	4:47:44 PM	ORT-22	ECA	TV	OSV	5	1364
P00140339-1	12/10/2014	5:07:00 PM	FNW-17	ECD	TV	OCO	196	27347
P00140346-1	12/10/2014	5:08:33 PM	CHI-12	ECD	TV	OCO	74	11941
P00140350-1	12/10/2014	5:12:00 PM	LOL-25	ECD	TV	OCO	98	15172
11156623	12/10/2014	5:15:00 PM	SIN-25	ECD	TV	OTR	8	1200
P00140355-1	12/10/2014	5:21:09 PM	POU-15	ECE	TV	OCO	1898	102178
P00140356-1	12/10/2014	5:23:01 PM	RAI-11	ECC	EF	PTF	1	227
P00140361-1	12/10/2014	5:23:02 PM	FWD-17	EBJ	TV	OFU	299	50127
P00140358-1	12/10/2014	5:23:18 PM	TRA-25	ECE	TV	OCO	7	1922
P00140363-1	12/10/2014	5:26:10 PM	WIN-13	ECE	TV	OCO	15	4222
P00140351-1	12/10/2014	5:29:18 PM	CHI-12	ECD	TV	OTR	2	403
P00140372-1	12/10/2014	5:29:43 PM	LAT-14	EBJ	TV	OHR	414	29505
P00140368-1	12/10/2014	5:30:01 PM	RAI-14	ECC	TV	OCO	1	221
P00140377-1	12/10/2014	5:30:26 PM	OSC-25	EBI	TV	OFU	66	3955
P00140384-1	12/10/2014	5:32:10 PM	NHL-13	EBD	TV	OPO	2409	975982
P00140387-1	12/10/2014	5:35:00 PM	POU-15	ECE	UN	USC	7	1148
P00140388-1	12/10/2014	5:36:20 PM	OVE-13	EBE	TV	UTC	11	1280
P00140389-1	12/10/2014	5:36:37 PM	EVA-27	EBJ	TV	OFU	163	3340
P00140391-1	12/10/2014	5:38:00 PM	PMA-12	ECE	TV	OCO	7	3464

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00140400-1	12/10/2014	5:44:03 PM	MIL-23	ECE	TV	OTR	2	868
P00140406-1	12/10/2014	5:46:53 PM	ROS-21	EBD	TV	OCO	96	18126
P00140416-1	12/10/2014	5:56:58 PM	HAZ-15	EBE	TV	OCO	22	2262
P00140430-1	12/10/2014	6:02:44 PM	BRE-22	ECE	EF	OFC	7	2663
P00140440-1	12/10/2014	6:11:00 PM	FRG-24	ECC	TV	OCO	6	2287
P00140439-1	12/10/2014	6:11:00 PM	PMA-13	ECE	EF	OTR	1	547
P00140441-1	12/10/2014	6:12:00 PM	LYN-24	EAA	TV	OPO	32	26345
P00140443-1	12/10/2014	6:20:52 PM	PMA-12	ECE	TV	OFC	4	1847
P00140444-1	12/10/2014	6:21:09 PM	BLA-13	EAA	TV	OFU	2	181
P00140445-1	12/10/2014	6:21:27 PM	MER-13	EBE	TV	OSV	1	245
P00140448-1	12/10/2014	6:25:05 PM	EGT-27	EBE	AV	USV	1	95
P00140449-1	12/10/2014	6:27:00 PM	FWD-16	EBJ	OD	OFU	6	1044
P00140450-1	12/10/2014	6:32:00 PM	HOL-13	ECA	EF	OUP	11	3040
P00140461-1	12/10/2014	6:48:24 PM	VWY-15	EAA	EF	OFC	24	77
P00140462-1	12/10/2014	6:50:45 PM	BIG-15	EAC	TV	OFU	177	18281
P00140471-1	12/10/2014	7:04:00 PM	VAS-23	EBL	TV	OCO	133	65256
P00140476-1	12/10/2014	7:12:20 PM	HAM-13	EAC	TV	OFU	190	26679
P00140489-1	12/10/2014	7:19:44 PM	MKI-17	ECC	EF	USV	1	126
P00140494-1	12/10/2014	7:30:08 PM	13-Dec	ECC	TV	OFU	1	117
P00140496-1	12/10/2014	7:39:00 PM	BLU-16	ECC	TV	OCO	5	1776
P00140498-1	12/10/2014	7:42:41 PM	LUH-14	ECC	TV	OTF	1	203
P00140499-1	12/10/2014	7:46:01 PM	SCH-13	EAA	TV	OSV	4	312
P00140500-1	12/10/2014	7:46:34 PM	BIG-15	EAC	TV	OFU	47	2746
P00140502-1	12/10/2014	8:04:57 PM	VWY-15	EAA	TV	OFU	12	1199
P00140508-1	12/10/2014	8:33:02 PM	BTN-36	EAC	TV	OCO	11	4161
P00140509-1	12/10/2014	8:39:00 PM	ORC-17	EBJ	EF	UTR	15	4378
P00140517-1	12/10/2014	8:54:49 PM	SLA-17	EAA	TV	OTF	1	196
P00140530-1	12/10/2014	9:21:00 PM	GWR-13	EBI	TV	OCO	86	58787
11161169	12/10/2014	9:46:00 PM	ROC-26	ECC	TV	OPO	10	1260
P00140534-1	12/10/2014	9:55:00 PM	ROE-13	EAA	EF	UOT	5	1765
P00140535-1	12/10/2014	10:05:15 PM	HAM-15	EAC	TV	OCO	69	27825
P00100762-1	12/10/2014	10:33:33 PM	SME-15	EBE	SO	UPC	3	128
P00140540-1	12/10/2014	10:41:27 PM	PIN-26	EBD	TV	OSV	5	825
P00140542-1	12/10/2014	10:52:00 PM	BHS-14	EAA	TV	OCO	15	5300
P00140547-1	12/10/2014	11:24:38 PM	BHS-14	EAA	EF	UPC	6	2272
11161168	12/10/2014	11:34:00 PM	WOL-25	ECC	TV	OCO	40	3320
P00140550-1	12/10/2014	11:41:29 PM	EVA-27	EBJ	TV	OCO	164	5795
P00140552-1	12/10/2014	11:43:09 PM	UHL-25	EBD	TV	OCO	134	18779
P00140551-1	12/10/2014	11:43:09 PM	UHL-25	EBD	TV	OCO	18	2805

Terms, Codes and Definitions Used on Detail Reports

Notification (NUMBER)	A number assigned by SAP, identifying the outage record	
Date (DATE)	The date of the outage	
Time (TIME)	The time of the outage	
Circuit (CKT)	The circuit identifier for the affected circuit	
Area (MPG)	Maintenance Planner Group A code representing the energy, region and service center	
	EAA – Bellingham	EBJ – South King
	EAC – Skagit	EBL – Vashon
	EAD – Whidbey	ECA – Puyallup
	EBD – Redmond	ECC – Olympia
	EBE – Factoria	ECD – Port Orchard
	EBF – Snoqualmie	ECE – Poulsbo
	EBI – Enumclaw	
Cause (CAZ)	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
	TV – Trees/Vegetation	SO – Scheduled Outage
	UN – Unknown	
Equipment (EQT)	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	
CUST OUT (CUST.OUT)	Customer Out , The number of customers without power for any given outage record	
CUST MIN (CUST. MIN)	Customer Minutes , The total number of minutes customers were without power for any given record	

Media & Communication Coverage

The Seattle Times

High winds bring record temps; big storm coming Thursday

Originally published December 2014 at 3:43 pm

Updated December 10, 2014 at 10:28 pm

By Jack Broom
Paige Cornwell

Warm winds out of the south and southeast cut power to thousands of Western Washington residents Wednesday while driving temperatures to record levels. Utility crews are bracing for an even stronger storm on Thursday.

The reading of 66 degrees at Seattle-Tacoma International Airport made this the warmest December day ever recorded at the airport, which has been the site for official Seattle readings since the 1940s.

The previous record, 64, was hit in 1993.

Wednesday's storm — the second of three forecast for the week — came with gusts as high as 71 on the Washington Coast.

A storm expected Thursday could bring gusts up to 75 miles and hour on the coast and 40 mph in the Central Puget Sound area. The winds are expected to accompany heavy rain that could cause river flooding and mudslides throughout the region.

Many of Wednesday's power outages were in Thurston and Pierce counties, said Ray Lane, spokesman for Puget Sound Energy. Severe winds are also expected in the northernmost parts of Washington, near Bellingham.

"It's all about Mother Nature now," Lane said. "We have our crews ready to go across our service area." PSE is the region's largest utility, with 1.1 million customers in Western Washington.

Depending on its path, the storm — the third to hit the Puget Sound region this week — has the potential to bring sustained winds of 40 to 50 mph and gusts of 65 to 75 mph and could cause widespread power outages, National Weather Service meteorologist Josh Smith said.



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