



2017
Qualifying Events Report

May 23, 2017 Event

Filed on August 17, 2017

Table of Contents

Table of Contents	2
Event Description	3
Event Date and Time.....	3
Event Type	3
Number of Customers Affected	3
Summary of System Impacts	3
Mobilization Summary	3
Active Outage Event Chart.....	4
Major Event Day – Qualification	5
Qualified Events - 2017	5
Current Event – Calculation Detail	5
Daily SAIDI Detail YTD	5
Event Restoration – YTD Cost Summary	6
2017 Restoration Costs Detail by Qualifying Event.....	6
2017 YTD Storm Restoration Costs Detail	6
Detail Documents	7
Terms, Codes and Definitions Used on Detail Reports.....	13
Media & Communication Coverage	14

Event Description

Event Date and Time

Start: 5/23/2017, 16:00

End: 5/24/2017, 19:00

Event Type

Wind

Service Areas Significantly Affected

Whatcom, Skagit, Island Counties

Number of Customers Affected

System wide, approximately 27,387 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages for the Event	137
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Transmission Lines Affected	0
Substations Offline	0

Mobilization Summary

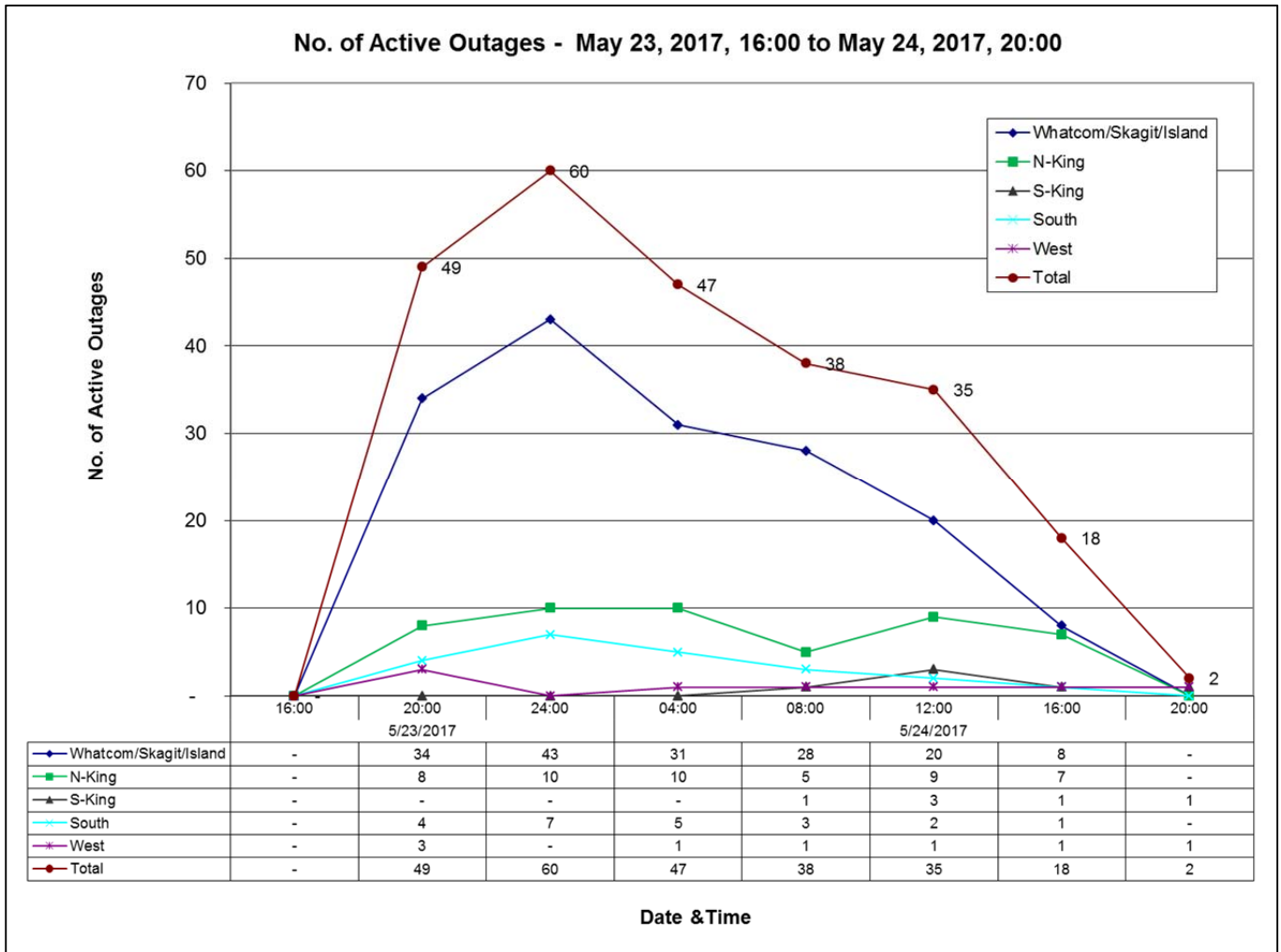
Operating Bases Placed In Emergency Status

Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	5/23/2017	20:30	5/24/2017	17:00
North King	N/A			
South King	N/A			
Pierce	N/A			
Thurston	N/A			
Kitsap	N/A			
Vashon	N/A			
Kittitas	N/A			

Emergency Coordination Center (ECC)

	Date Opened	Time Opened	Date Closed	Time Closed
ECC	N/A			

Active Outage Event Chart



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 2017: 6.72 Minutes

Qualified Events - 2017

Current Event – Calculation Detail

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
5/23/2017, 16:00 – 5/24, 19:00	8,051,473	1,135,742	7.1

Daily SAIDI Detail YTD

First Day that Daily SAIDI Exceeded PSE's TMED of 6.72 Minutes By Qualifying Event

Date	Daily SAIDI (from midnight to midnight)	O&M ³ Costs– Deferrable Accumulation
2/5/2017	20.7	\$8,000,000
4/7/2017	13.1	\$0
5/4/2017	37.9	\$0
5/23/2017	7.1	\$0

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

³ O&M: Operations and Maintenance

Event Restoration – YTD Cost Summary
2017 Restoration Costs Detail by Qualifying Event

Event Date	Qualified Events Deferred Account (a)	Capital Costs (b)	O&M Costs Not Deferrable (c)	O&M Costs Deferrable Accumulation (d)	Total O&M Costs (e=c+d)	Total (f=a+b+e)
2/4/2017	\$7,965,187	\$627,795	\$0	\$8,000,000	\$8,000,000	\$16,592,982
4/7/2017	\$638,271	\$68,119	\$0	\$0	\$0	\$706,390
5/4/2017	\$3,046,581	\$482,135	\$0	\$0	\$0	\$3,528,716
5/23/2017	\$433,494	\$27,721	\$18,352	\$0	\$0	\$479,567

(r) = Revised

2017 YTD Storm Restoration Costs Detail

Qualified Events Deferred Account (a)	Capital Costs (b)	O&M Costs Not Deferrable (c)	O&M Costs Deferrable Accumulation (d)	Total O&M Costs (e=c+d)	Total (f=a+b+e)
\$12,083,534	\$1,205,770	\$18,352	\$8,000,000	\$8,011,8352	\$21,307,656

Detail Documents

Restoration Costs Detail – Current Event

Detailed List of Distribution Circuits with Outages

Terms, Codes and Definitions Used on Detail Reports

Restoration Costs Detail – Current Event

Puget Sound Energy						
May 23, 2017- Qualifying Storm Damage Rstoration Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
	(a)	(b)	(c)	(d)	(e=c+d)	(f=a+b+e)
Labor						
ST	\$0	\$0	\$0	\$3,177	\$3,177	\$3,177
OT	\$0	\$0	\$0	\$36,167	\$36,167	\$36,167
Total Labor	\$0	\$0	\$0	\$39,343	\$39,343	\$39,343
Labor OH	\$0	\$0	\$0	\$0	\$0	\$0
Materials	\$0	\$3,125	\$0	\$9,334	\$9,334	\$12,459
Contractors	\$0	\$18,352	\$18,352	\$359,314	\$377,666	\$396,018
Other Direct Charges	\$0	\$100	\$0	\$3,497	\$3,497	\$3,597
Fleet	\$0	\$0	\$0	\$0	\$0	\$0
Other Assessments	\$0	\$6,144	\$0	\$22,005	\$22,005	\$28,149
Deferred Expenses	\$433,494	\$0	\$0	-\$433,494	-\$433,494	\$0
	\$433,494	\$27,721	\$18,352	\$0	\$18,352	\$479,567

Detailed List of Outages – 5/23/2017, First T_{MED}-Exceeding Day

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00376227-1	5/23/2017	12:10:29 AM	ELD-23	ECC	EF	OTR	2	406
P00376230-1	5/23/2017	5:19:45 AM	MSI-24	EBF	UN	UEL	34	12,669
P00376233-1	5/23/2017	5:57:01 AM	FAC-12	EBE	EF	UPC	1,267	283,159
11308203	5/23/2017	6:51:16 AM	AIR-22	ECC	EF	OCN	4	1,969
P00376238-1	5/23/2017	6:51:17 AM	AIR-22	ECC	CP	OCO	551	279,155
P00376253-1	5/23/2017	7:01:01 AM	FRA-15	ECD	BA	OTF	1	85
P00376254-1	5/23/2017	7:05:00 AM	MKI-16	ECC	BA	OTF	5	539
P00375828-1	5/23/2017	7:15:07 AM	MIR-01	EBF	SO		1	76
P00376258-1	5/23/2017	7:22:21 AM	DGR-15	ECA	BA	OTF	5	306
P00376259-1	5/23/2017	7:25:59 AM	ELD-27	ECC	BA	OTF	1	104
P00376267-1	5/23/2017	8:06:04 AM	MIL-16	ECE	BA	OTF	18	1,388
P00376271-1	5/23/2017	8:30:52 AM	LYN-17	EAA	EF	OTF	1	79
P00371030-1	5/23/2017	8:52:36 AM	ELD-25	ECC	SO		9	478
P00376274-1	5/23/2017	8:52:37 AM	MLK-15	EBE	SO	OCE	18	3,526
P00376266-1	5/23/2017	8:56:36 AM	LYN-24	EAA	EF	OFU	1	25
P00369793-1	5/23/2017	8:57:52 AM	VAS-13	EBL	SO	OCO	3	305
P00376285-1	5/23/2017	9:05:23 AM	COT-13	EBD	UN	UDC	1	256
P00376260-1	5/23/2017	9:08:01 AM	WLS-15	EAC	AC	OPO	7	2,070
P00376289-1	5/23/2017	9:17:22 AM	KNO-13	ECA	EF	USC	1	152
P00376291-1	5/23/2017	9:27:26 AM	SPG-11	ECC	SO	OFU	3	488
P00376292-1	5/23/2017	9:30:04 AM	MAN-12	ECD	SO	UPC	2	40
P00376297-1	5/23/2017	9:48:22 AM	KIN-21	ECE	BA	OTF	19	1,439
P00376233-1	5/23/2017	10:11:26 AM	FAC-12	EBE	EF	UPC	231	91,064
P00376282-1	5/23/2017	10:16:22 AM	LAT-14	EBJ	SO	OPO	1	252
P00376307-1	5/23/2017	10:22:00 AM	MLK-15	EBE	BA	OTF	1	87
P00376313-1	5/23/2017	10:41:04 AM	NUG-26	EAA	EF	OTR	2	706
P00376320-1	5/23/2017	10:41:04 AM	NUG-26	EAA	EF	OFU	20	2,448
P00376318-1	5/23/2017	10:56:11 AM	BHS-14	EAA	AC	OPO	32	14,406
P00376311-1	5/23/2017	11:16:58 AM	FRA-16	ECD	BA	UTC	1	70
P00376328-1	5/23/2017	11:31:49 AM	PGA-12	ECE	TV	OCO	192	31,082
P00376325-1	5/23/2017	11:36:07 AM	SBE-26	EBE	SO	OPO	5	1,427
P00376332-1	5/23/2017	11:44:51 AM	HOB-17	EBI	UN	OFU	69	6,257
P00376334-1	5/23/2017	11:58:03 AM	HOB-16	EBI	UN	OFU	1	83
P00376336-1	5/23/2017	12:05:56 PM	WOB-25	EAA	EF	OTF	2	207
P00376337-1	5/23/2017	12:06:12 PM	SWI-15	ECC	UN	OFU	40	2,726
P00376338-1	5/23/2017	12:07:36 PM	WOB-25	EAA	EF	USE	18	6,462
P00376342-1	5/23/2017	12:19:39 PM	FWD-17	EBJ	UN	OTF	1	65
P00375591-1	5/23/2017	12:19:42 PM	DUV-15	EBD	SO	OCO	-	297
P00376355-1	5/23/2017	1:03:56 PM	HWD-26	EBD	TV	OCO	10	810

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00376357-1	5/23/2017	1:06:07 PM	KEN-13	EAA	TV	OCO	144	63,062
P00376361-1	5/23/2017	1:12:15 PM	NRU-27	EBE	SO	OSV	6	1,218
P00376381-1	5/23/2017	2:10:44 PM	SME-12	EBE	EF	UPC	420	34,244
P00376402-1	5/23/2017	3:01:28 PM	BLU-17	ECC	UN	OFU	19	2,087
P00376393-1	5/23/2017	3:03:21 PM	PAT-15	ECC	EF	OCO	225	80,145
P00376384-1	5/23/2017	3:14:49 PM	HWD-25	EBD	TV	OCO	2	535
P00376404-1	5/23/2017	3:42:37 PM	HAM-13	EAC	TV	OCO	8	1,371
P00376407-1	5/23/2017	3:49:59 PM	SNN-22	EAA	TV	OCO	5	926
P00376314-2	5/23/2017	4:00:13 PM	KAP-15	ECA	DU	UPC	11	866
P00376411-1	5/23/2017	4:02:13 PM	LLT-17	EBD	TV	OCO	2	255
P00376421-1	5/23/2017	4:23:19 PM	BRS-13	EAC	TV	OCO	40	35,163
P00376422-1	5/23/2017	4:23:22 PM	CRE-13	EAD	TV	OCO	11	8,021
P00376423-1	5/23/2017	4:26:03 PM	SEM-15	EAA	TV	OPO	1,637	590,926
P00376424-1	5/23/2017	4:28:07 PM	BRS-13	EAC	TV	OPO	50	36,891
P00376431-1	5/23/2017	4:38:24 PM	DUV-15	EBD	TV	OCO	2,069	283,793
P00376353-2	5/23/2017	4:40:13 PM	FLC-16	EBJ	EF	UPT	1	89
P00376434-1	5/23/2017	4:46:55 PM	BRO-16	EAD	TV	OCO	22	25,516
P00376480-1	5/23/2017	4:47:29 PM	FLD-12	EAD	TV	OCO	505	219,404
P00376442-1	5/23/2017	4:52:47 PM	WAY-13	EBD	TV	OCO	38	6,371
P00376445-1	5/23/2017	4:56:49 PM	MUR-13	ECE	TV	OCO	18	6,536
P00376346-2	5/23/2017	4:57:32 PM	LON-23	ECC	CP	OCO	1	52
P00376446-1	5/23/2017	4:57:42 PM	LLT-16	EBD	TV	OPO	196	22,102
P00376455-1	5/23/2017	5:01:26 PM	COT-13	EBD	TV	OCO	1,403	725,982
P00376456-1	5/23/2017	5:03:53 PM	BRO-15	EAD	UN	OCO	186	43,645
P00376462-1	5/23/2017	5:15:11 PM	HOB-17	EBI	BA	OTF	1	121
P00376463-1	5/23/2017	5:15:43 PM	KLA-15	EBD	TV	OHR	261	32,782
P00376470-1	5/23/2017	5:17:16 PM	BLA-13	EAA	TV	OCO	93	4,264
P00376479-1	5/23/2017	5:20:57 PM	CUM-15	EBI	BA	OTF	1	45
P00376490-1	5/23/2017	5:27:14 PM	MUR-17	ECE	TV	OCO	1,704	103,262
P00376486-1	5/23/2017	5:27:19 PM	KIN-24	ECE	TV	OCO	689	106,611
P00376509-1	5/23/2017	5:37:03 PM	COT-16	EBD	TV	OSV	1	1,487
P00376520-1	5/23/2017	5:49:35 PM	PCR-13	EBE	UN	UTR	1	493
P00376531-1	5/23/2017	6:05:54 PM	KIN-21	ECE	TV	OCO	3	672
P00376831-1	5/23/2017	6:07:10 PM	SUM-21	EAC	TV	OCO	315	103,047
P00376540-1	5/23/2017	6:14:19 PM	MAX-12	EAD	TV	OPO	1,163	573,246
P00376542-1	5/23/2017	6:17:21 PM	BLA-13	EAA	OD	OFU	93	8,704
P00376569-1	5/23/2017	6:25:25 PM	BRW-16	EAC	TV	OIN	2,736	1,087,787
P00376572-1	5/23/2017	6:35:22 PM	HWD-26	EBD	EF	UPC	56	20,098
P00376573-1	5/23/2017	6:36:52 PM	SUM-21	EAC	TV	OCO	621	251,633
P00376578-1	5/23/2017	6:41:49 PM	CPV-15	EAD	TV	OCO	175	156,962
P00376582-1	5/23/2017	6:47:07 PM	SPG-13	ECC	BA	OTF	1	118
P00376585-1	5/23/2017	6:49:47 PM	BRW-15	EAC	TV	OFU	12	5,641

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00376589-1	5/23/2017	6:59:52 PM	GBK-13	EAD	TV	OFU	5	2,253
P00376599-1	5/23/2017	7:08:51 PM	SUM-21	EAC	TV	OCO	24	24,588
P00376603-1	5/23/2017	7:09:00 PM	CPV-15	EAD	TV	OFU	67	35,038
P00376604-1	5/23/2017	7:09:00 PM	SWA-12	EAD	TV	OCO	6	6,630
P00376614-1	5/23/2017	7:12:39 PM	CWD-22	EBD	TV	OCO	1,374	136,507
P00376617-1	5/23/2017	7:15:24 PM	SUM-21	EAC	TV	OCO	53	62,291
P00376622-1	5/23/2017	7:18:07 PM	CED-17	ECA	UN	OTF	6	195
P00376624-1	5/23/2017	7:19:01 PM	WLS-15	EAC	TV	OCO	193	223,107
P00376627-1	5/23/2017	7:19:15 PM	KNO-13	ECA	EF	USV	1	248
P00376649-1	5/23/2017	7:26:28 PM	GBK-15	EAD	TV	OCO	14	16,974
P00376651-1	5/23/2017	7:28:11 PM	SUM-22	EAC	TV	OCO	16	16,298
P00376657-1	5/23/2017	7:28:54 PM	KNO-13	ECA	UN	UTR	6	2,067
P00376660-1	5/23/2017	7:33:22 PM	ANA-15	EAC	TV	OFU	21	8,338
P00376645-1	5/23/2017	7:33:35 PM	SWA-16	EAD	TV	OFU	9	3,678
P00376662-1	5/23/2017	7:33:41 PM	PET-13	EAC	TV	OCO	516	367,388
P00376664-1	5/23/2017	7:35:18 PM	HAM-15	EAC	TV	OTF	1	167
P00376675-1	5/23/2017	7:40:11 PM	CRE-12	EAD	TV	OSV	2	1,071
P00376797-1	5/23/2017	7:42:19 PM	BRW-15	EAC	TV	OFU	165	83,666
P00376687-1	5/23/2017	7:45:13 PM	SUM-21	EAC	TV	OFU	8	3,906
P00376658-1	5/23/2017	7:46:50 PM	DUV-15	EBD	TV	OCO	14	8,505
P00376701-1	5/23/2017	7:48:18 PM	VIS-26	EAA	TV	OTF	1	152
P00376677-1	5/23/2017	7:51:20 PM	SUM-23	EAC	TV	OCO	58	68,500
P00376789-1	5/23/2017	7:51:52 PM	BRW-13	EAC	TV	OCO	156	81,211
P00376712-1	5/23/2017	7:54:30 PM	BRW-15	EAC	TV	OCO	45	19,475
P00376689-1	5/23/2017	7:57:09 PM	COT-15	EBD	TV	OCO	1	7
P00376718-1	5/23/2017	7:58:19 PM	SUM-22	EAC	TV	OCO	336	88,681
P00376731-1	5/23/2017	8:19:09 PM	BLA-13	EAA	TV	OCO	93	4,224
P00376739-1	5/23/2017	8:28:02 PM	SKY-25	EBD	TV	OCO	304	396,344
P00376738-1	5/23/2017	8:28:25 PM	DUV-15	EBD	TV	OTF	3	2,001
P00376750-1	5/23/2017	8:31:00 PM	SWA-15	EAD	TV	OCO	69	20,115
P00376751-1	5/23/2017	8:31:49 PM	CLV-16	EAD	TV	OPO	18	12,884
P00376776-1	5/23/2017	8:45:05 PM	PET-15	EAC	EF	OCO	84	24,353
P00376771-1	5/23/2017	8:45:52 PM	COT-13	EBD	TV	OCO	5	3,902
P00376775-1	5/23/2017	8:47:43 PM	PET-13	EAC	TV	OCO	632	147,927
P00376773-1	5/23/2017	8:47:51 PM	CRE-15	EAD	TV	OCO	16	21,333
P00376777-1	5/23/2017	8:51:00 PM	SWA-12	EAD	TV	OSV	1	592
P00376788-1	5/23/2017	9:00:58 PM	DUV-12	EBD	TV	OCO	41	19,862
P00376807-1	5/23/2017	9:21:57 PM	CPV-12	EAD	TV	OCO	1	1,301
P00376809-1	5/23/2017	9:25:46 PM	COT-13	EBD	OE	OCO	1	418
P00376811-1	5/23/2017	9:32:36 PM	RIT-16	EAC	TV	OFU	1	99
P00376813-1	5/23/2017	9:34:16 PM	CLV-16	EAD	TV	OCO	144	43,506
P00376824-1	5/23/2017	9:47:32 PM	DUV-13	EBD	TV	OTP	72	61,166

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00376830-1	5/23/2017	9:57:16 PM	FAB-13	EAD	TV	OSV	1	293
P00376832-1	5/23/2017	9:59:43 PM	PTR-16	EAA	TV	OCO	19	11,667
P00376835-1	5/23/2017	10:04:17 PM	PRI-13	ECC	TV	OCO	195	64,147
P00376840-1	5/23/2017	10:06:33 PM	COT-13	EBD	EF	UPC	130	23,200
P00376852-1	5/23/2017	10:11:37 PM	BCH-16	EAA	TV	OCO	6	2,468
P00376855-1	5/23/2017	10:14:04 PM	ROC-16	ECC	TV	OCO	102	65,566
P00376863-1	5/23/2017	10:23:33 PM	PRI-13	ECC	UN	SCB	2,529	360,383
P00376870-1	5/23/2017	10:54:41 PM	FRG-25	ECC	TV	OCO	51	20,466
P00376871-1	5/23/2017	10:56:05 PM	MOT-14	ECC	TV	OCO	9	2,506
P00376627-2	5/23/2017	11:27:35 PM	KNO-13	ECA	EF	USV	1	803
P00376877-1	5/23/2017	11:37:05 PM	BRO-15	EAD	UN	OTP	47	19,243
P00376900-1	5/23/2017	11:37:27 PM	BRO-15	EAD	EF	OTP	161	58,524
P00376880-1	5/23/2017	11:40:00 PM	PTR-14	EAA	TV	OCO	30	7,350
P00376885-1	5/23/2017	11:49:22 PM	COT-13	EBD	TV	OCO	2	823

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

National Weather Service E-mail Bulletin

Issued: Tuesday 5/23/2017 12:03 PM

Hello,

This message is intended as an informational briefing for public safety decision makers. We ask that you continue to monitor latest information using the resources listed below. You are welcome to share this message with others in your organization. Please do not respond to this email. If you need to contact the office, please use the links and information below.

IMPACTS:

Very windy conditions may knock tree limbs down and cause localized power outages. Boaters and small vessels including kayakers will encounter rough seas.

SYNOPSIS:

This is expected to be an unusually strong onshore flow wind event.

Strong westerly onshore flow is already developing in the Strait of Juan De Fuca this morning. Gale force winds have already developed in the central Strait of Juan De Fuca, and will spread steadily east this afternoon. Winds will also gradually increase through this afternoon, peaking late this afternoon or this evening.

The strongest winds are expected to be over the water areas as well as Whidbey Island and around the Port Townsend area. The adjacent land areas are expected to experience slightly weaker but still significant winds. These areas include the southern San Juan Islands, the near shore areas of the Strait from Port Angeles eastward, and the Everett and vicinity area in Snohomish County.

Important factors: This is an unusually strong event for this time of year and the winds will rise seemingly suddenly.

The west to northwest wind direction of the winds is a less common occurrence, which means many of the trees affected will not be conditioned to strong west to northwest winds. The trees are in full leaf which may increase wind loading on the branches.

WATCHES/WARNINGS/ADVISORIES:

- High Wind Warning until 1 AM for the Admiralty Inlet zone, including Whidbey Island, Camano Island and the Port Townsend area of Jefferson county.
- Wind advisory until 1 AM for the San Juan Islands, focusing on the southern San Juans.
- Wind advisory until 1 AM for the Eastern Strait of Juan De Fuca, focusing on the near-shore areas along the Strait in Clallam county from about Port Angeles eastward.
- Wind Advisory for Everett and vicinity from 5 PM until 1 AM.
- Gale warnings are in effect for the Central and East Strait of Juan De Fuca, The Northern Inland waters, Admiralty Inlet, and the parts of Puget Sound north of Seattle.

FORECAST SPECIFICS:

- Admiralty Inlet land zone, including Whidbey Island and the Port Townsend area: west to northwest wind 30-40 mph with gusts to 50-60 mph. Camano Island will probably have slightly weaker winds.
- Southern San Juans and near shore areas of Clallam county from Port Angeles eastward: westerly winds 25 to 35 mph with gusts to 45 mph.
- Everett and vicinity: West to northwest wind 20-30 mph with gusts to 40 mph.
- Winds are expected to peak near the Strait between 5 PM and 8 PM. The Everett area should see peak winds between 7 PM and 10 PM.

CONFIDENCE:

Confidence is very high that windy conditions over the land areas and gale force winds over the water areas will develop. Confidence is high regarding strength of the strongest winds over the water areas.

Confidence is high on the timing of the peak winds.

Confidence is low to moderate on the strength of the winds reaching the far south and southeast parts of the affected area, i.e. southern Whidbey Island and the Everett and vicinity area.