

**EXH. KJB-34  
DOCKETS UE-170033/UG-170034  
2017 PSE GENERAL RATE CASE  
WITNESS: KATHERINE J. BARNARD**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PUGET SOUND ENERGY,**

**Respondent.**

**Docket UE-170033  
Docket UG-170034**

**SEVENTEENTH EXHIBIT (NONCONFIDENTIAL) TO THE  
PREFILED REBUTTAL TESTIMONY OF**

**KATHERINE J. BARNARD**

**ON BEHALF OF PUGET SOUND ENERGY**

**AUGUST 9, 2017**

**Work paper filed by Commission Staff in support of TES-2**

<b>Event Date</b>	<b>Customer Minutes of Interruption per Event</b>	<b>Cost per Event (\$mm)</b>	<b>Daily SAIDI</b>	<b>Qualifying Event Threshold</b>
1/1/2006	5	0.2	5	4.97
1/31/2006	11	0.8	11	4.97
2/4/2006	166	10.2	162	4.97
2/10/2006	9	0.6	8	4.97
2/17/2006	41	3.7	40	4.97
3/8/2006	6	0.5	6	4.97
11/13/2006	14	1.2	13	4.97
11/15/2006	112	9.4	108	4.97
11/26/2006	29	6.6	28	4.97
12/11/2006	14	1.6	13	4.97
12/13/2006	1603	90.6	1509	4.97
12/31/2006				4.97
1/1/2007				
1/2/2007	9	1.4	8	6.87
1/5/2007	12	2.5	12	6.87
1/9/2007	25	3.9	24	6.87
10/18/2007	61	5.6	57	6.87
11/12/2007	43	5.3	40	6.87
12/2/2007	8	3.2	8	6.87
12/31/2007				6.87
1/1/2008				
1/2/2008				7.36
6/9/2008	11	0.8	11	7.36
12/20/2008	31	7.4	29	7.36
12/24/2008	8	1.7	7	7.36
12/31/2008				7.36
1/1/2009				
1/2/2009				6.95
1/4/2009	11	0.7	10	6.95
11/5/2009	8	0.6	7	6.95
11/16/2009	13	1.6	12	6.95
11/18/2009	11	1.2	10	6.95
12/6/2009	9	0.3	8	6.95
12/31/2009				6.95
1/1/2010				
1/2/2010				7.21
1/17/2010	32	1.0	29	7.21
3/16/2010	11	0.6	11	7.21
5/3/2010	15	0.9	14	7.21
11/15/2010	110	5.9	101	7.21

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Event Date	Customer Minutes of Interruption per Event	Cost per Event (\$mm)	Daily SAIDI	Qualifying Event Threshold
11/22/2010	137	10.0	124	7.21
12/14/2010	22	2.1	20	7.21
12/17/2010	39	5.0	36	7.21
12/31/2010				7.21
1/1/2011				
1/2/2011				7.68
2/14/2011	20	0.4	19	7.68
12/31/2011				7.68
1/1/2012				
1/2/2012				5.38
1/18/2012	1375	73.9	1259	5.38
3/12/2012	11	0.6	10	5.38
11/19/2012	7	0.2	6	5.38
12/16/2012	8	1.5	8	5.38
12/31/2012				5.38
1/1/2013				
1/2/2013				5.62
5/13/2013	16	1.1	14.97	5.62
9/28/2013		1.0	15.41	5.62
11/2/2013	60	5.3	54	5.62
12/31/2013				5.62
1/1/2014				
1/2/2014				5.60
1/11/2014	56	5.3	51	5.60
2/12/2014	10	0.7	9	5.60
2/23/2014	10	1.5	8	5.60
10/25/2014	103	4.6	93	5.60
11/11/2014	96	8.6	86	5.60
11/29/2014	12	1.3	14	5.60
12/10/2014	4	0.1	7	5.60
12/11/2014	104	8.4	85	5.60
12/31/2014				5.60
1/1/2015				
1/2/2015				6.10
1/18/2015	28	2.4	26	6.10
8/29/2015	253	13.4	209	6.10
10/10/2015	12	1.0	11	6.10
11/17/2015	229	10.1	205	6.10
11/24/2015	51	2.0	46	6.10
12/6/2015	10	0.9	9	6.10

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<b>Event Date</b>	<b>Customer Minutes of Interruption per Event</b>	<b>Cost per Event (\$mm)</b>	<b>Daily SAIDI</b>	<b>Qualifying Event Threshold</b>
12/9/2015	68	5.8	61	6.10
12/31/2015				6.10
1/1/2016				
1/2/2016				6.46
3/1/2016	39	1.9	35	6.46
3/10/2016	55	4.5	49	6.46
3/13/2016	134	7.5	115	6.46
10/14/2016	37	6.6	27	6.46
12/31/2016				6.46