

**Q. In the response to PUB-NP-065 Newfoundland Power provided a chart indicating System SAIFI and SAIDI (excluding major storms). Provide a table for the same 2004-2013 time period indicating system SAIFI and SAIDI, including major events and provide tables (including and excluding major events) for the same time period (2004-2013) separately indicating transmission system SAIFI and SAIDI, distribution system SAIFI and SAIDI, and if possible, substation SAIFI and SAIDI. Please describe the size of excluded major events, and what authority the exclusion is based on.**

**A. Table 1 details SAIDI and SAIFI for the period 2004 to 2013 with and without significant events.**

**Table 1**  
**SAIDI and SAIFI**  
**With and Without Significant Events**

	<b>SAIDI</b>		<b>SAIFI</b>	
	<b>Without Significant Events</b>	<b>With Significant Events</b>	<b>Without Significant Events</b>	<b>With Significant Events</b>
<b>2004</b>	4.56	4.56	3.10	3.10
<b>2005</b>	3.27	3.27	2.57	2.57
<b>2006</b>	2.89	2.89	2.65	2.65
<b>2007</b>	2.65	5.94	2.11	2.46
<b>2008</b>	2.67	2.67	2.35	2.35
<b>2009</b>	2.57	2.57	1.99	1.99
<b>2010</b>	2.59	13.82	1.52	2.69
<b>2011</b>	2.57	3.83	1.70	1.95
<b>2012</b>	2.44	5.55	1.72	2.12
<b>2013</b>	2.23	3.04	1.71	2.03

Table 2 details SAIDI and SAIFI for each of distribution, transmission and substations for normal operations for the period from 2004 to 2013. The table also provides SAIDI and SAIFI data for significant events during that period.

**Table 2**  
**SAIDI and SAIFI**  
**Distribution, Transmission and Substations for Normal Operations**  
**and Significant Events**

	SAIDI				SAIFI			
	Normal Operations			Significant Events	Normal Operations			Significant Events
	Distribution	Transmission	Substations		Distribution	Transmission	Substations	
<b>2004</b>	3.25	1.12	0.18	0.00	2.20	0.78	0.12	0.00
<b>2005</b>	2.56	0.50	0.21	0.00	1.79	0.66	0.12	0.00
<b>2006</b>	2.22	0.58	0.09	0.00	1.77	0.80	0.09	0.00
<b>2007</b>	2.22	0.40	0.02	3.29	1.61	0.48	0.02	0.35
<b>2008</b>	2.06	0.51	0.11	0.00	1.62	0.64	0.10	0.00
<b>2009</b>	2.12	0.34	0.11	0.00	1.23	0.51	0.24	0.00
<b>2010</b>	2.00	0.46	0.13	11.23	0.91	0.36	0.25	1.17
<b>2011</b>	1.89	0.54	0.14	1.26	1.24	0.28	0.18	0.25
<b>2012</b>	2.14	0.19	0.11	3.11	1.34	0.22	0.16	0.40
<b>2013</b>	1.90	0.18	0.15	0.81	1.33	0.22	0.16	0.32

Details of the significant events reported for the period 2004 to 2013 are outlined in Attachment A.

The decision to exclude an event is based on the Canadian Electricity Association principle that during any given year an electric utility will encounter events, some of which can significantly impact their data and lead to inappropriate comparisons to an annual "average." Newfoundland Power classifies such events as "significant events" and excludes them from statistics.

**Significant Events  
2004 – 2013**

## Significant Events 2004 – 2013

<u>Year</u>	<u>Event</u>	<u>Start Date</u>	<u>Duration</u>	<u>Customers (Approximate)</u>	<u>Customer Minutes</u>	<u>Areas Affected</u>
2007	Sleet Storm	Dec 7 <sup>th</sup>	4 days	19,500	43 Million	St. John's, Avalon, Bonavista, Central
2010	Sleet Storm	Mar 4 <sup>th</sup>	7 days	20,000	45 Million	St. John's, Avalon, Burin, Bonavista
2010	Hurricane Igor	Sept 20 <sup>th</sup>	5 days	70,000	111 Million	St. John's, Avalon, Burin, Bonavista
2011	Wind Storm	Dec 8 <sup>th</sup>	3 days	41,000	22 Million	Western, Central
2012	Tropical Storm Leslie	Sept 11 <sup>th</sup>	5 days	135,000	59 Million	St. John's, Avalon
2013	NLH System Problems	Jan 11 <sup>th</sup>	3 days	173,000	93 Million	All Areas
2013	Winter Storm	Nov 20 <sup>th</sup>	4 days	12,000	8 Million	Western, Central