

1 Q. Provide the number, planned duration and actual duration of planned outages each
2 year from 2004 to 2013, inclusive, that resulted in customer outages on the bulk
3 Island Interconnected system that is, not including rural systems.

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6 A. The following table outlines the number and actual duration (in total hours) of
7 planned outages on the Island Interconnected transmission system for the period
8 2004 to 2013 which have resulted in customer outages on the bulk Island
9 Interconnected transmission system. The planned outage duration is not readily
10 available. This information is contained on each planned outage approval form and
11 each form would have to be reviewed to collect this information.

Island Interconnected System Supply Issues and Power Outages

Planned Outages on the Hydro Bulk Island Interconnected System

Hydro	Year	Total Number of Planned Outages	Total Actual Planned Outage Duration (hours)
	2004	21	32
2005	17	26	
2006	33	70	
2007	39	54	
2008	29	140 ¹	
2009	22	62	
2010	34	81	
2011	36	124 ²	
2012	27	102 ³	
2013	22	74	

Footnotes:

1. In 2008, there were three planned outages which affected the total outage duration: (1) a planned outage at Wiltendale Terminal Station to replace transformer T1 (52 hours); (2) planned outages on the Connaigre Peninsula for insulator replacement on transmission line TL220 and install the mobile transformer at Conne River Terminal Station (one outage to install and one outage to remove) with a total outage duration 15 hours; and (3) planned outages to the White Bay area to replace poles and insulators on transmission line TL251 with a total outage time of 16 hours.

2. In 2011, there were five planned outages on the Great Northern Peninsula which affected customers north of Plum Point. Three outages were to make repairs to transmission line TL241 and for scheduled maintenance on terminal station equipment with a total outage duration of 44 hours. Planned outages were taken on the Connaigre Peninsula for insulator replacement on transmission line TL220 and to install the mobile transformer at Conne River Terminal Station (one outage to install and one outage to remove) with a total outage duration of 16 hours.

3. In 2012, there were two planned projects which affected the total planned outage duration. In August 2012, there were six planned outages to the Bottom Waters Terminal Station for replacement of poles and insulators on transmission line TL260 with a total outage duration of 29 hours. Customers served by the Rocky Harbour Terminal Station experienced six planned outages for a total duration of 25 hours. These outages were associated with the construction of a new Rocky Harbour Terminal Station.