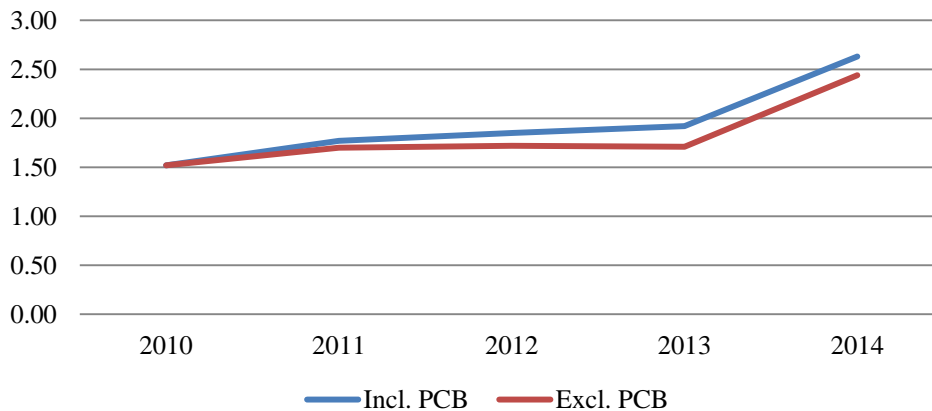


1 **Q. Re: System Average Interruption Frequency Index (SAIFI), Chart 3-4 and 20%**
2 **reduction in the number of outages attributable to equipment failures, page 1-3,**
3 **lines 19-20**

4
5 **Please explain why SAIFI has been increasing although the number of outages**
6 **attributable to equipment failures has been declining.**

7
8 A. From 2011 to 2014 the legislated requirement to remove power transformer bushings in
9 accordance with PCB regulations resulted in some variation in SAIFI. When outages
10 related to the PCB Bushing Phase-out program are removed, SAIFI has in fact been
11 relatively stable over the period from 2010 to 2013. The impact of the PCB Bushing
12 Phase-out program on SAIFI is shown in Chart 1.
13
14

**Chart 1 : SAIFI
Newfoundland Power
(excl. significant events)
2010 - 2014**



15
16
17 The only significant variation in SAIFI over the period 2010 to 2014 occurred in 2014.
18 In 2014, Newfoundland Power experienced an unusually high incidence of winds
19 exceeding 100 km/hour in its service territory.¹ The increase in SAIFI in 2014 is largely
20 due to the impact of those high winds.

¹ In 2014, there was a total of 44 days when wind speeds in excess of 100 km/hour were experienced at 1 of the 4 weather stations in the Company’s service territory. For the 5 years ending in 2013, Newfoundland Power experienced an average of approximately 17 days each year when wind speeds were in excess of 100km/hour. The 4 weather stations are located in St. John’s, Bonavista, Gander and Stephenville.