

1 Q. **Volume 1 (1<sup>st</sup> Revision), Chapter 3: Operations**

2 Please provide revised tables for Table 3-3 Transmission Performance (Planned and  
3 Forced Outages) – All Regions for the years 2007-2016 for each of (i) the Island  
4 Interconnected System including both Newfoundland Power and Hydro customers,  
5 (ii) Hydro’s rural interconnected customers, (iii) the Labrador Interconnected  
6 System, and (iv) Hydro’s Rural Isolated Systems, that includes a comparison to the  
7 national CEA average. (Volume I (1st Revision), Chapter 3: Operations, Page 3.10,  
8 Table 3-3)

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11 A. The CEA Region used for average in all instances is CEA Region 2, utilities with a mix  
12 of rural and urban customers. This includes, but is not limited to, utilities such as  
13 New Brunswick Power, SaskPower and Yukon Energy. Region 1 are utilities that are  
14 strictly urban.

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16 The revised Table 3-3 Transmission Performance for:

17 (i) The Island Interconnected System including Newfoundland Power and all  
18 Hydro Island customers is as follows:

**Table 3-3 (i) Transmission Performance (Planned and Forced Outages) –  
Island Interconnected System<sup>1</sup>**

<b>T-SAIFI</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Hydro	2.70	1.56	0.86	2.25	4.53	1.76	3.30	3.64	2.89	2.91
CEA Average	0.89	0.86	0.82	0.75	0.82	0.96	0.90	0.89	0.74	0.81
<b>T-SAIDI</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Hydro	187.79	282.12	101.79	173.22	441.65	173.57	438.04	462.48	425.84	323.84
CEA Average	86.26	85.81	92.36	66.14	115.51	73.43	115.87	86.06	69.79	98.22

1 (ii) Hydro's rural interconnected customers is as follows:

**Table 3-3 (ii) Transmission Performance (Planned and Forced Outages) –  
Rural Interconnected System<sup>2</sup>**

<b>T-SAIFI</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Hydro	4.42	3.42	1.67	3.92	9.66	3.17	6.26	7.13	5.61	6.17
CEA Average	0.89	0.86	0.82	0.75	0.82	0.96	0.90	0.89	0.74	0.81
<b>T-SAIDI</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Hydro	373.13	635.63	205.67	312.00	954.18	368.70	754.78	772.35	816.04	686.17
CEA Average	86.26	85.81	92.36	66.14	115.51	73.43	115.87	86.06	69.79	98.22

2 (iii) The Labrador Interconnected Customers is as follows:

**Table 3-3 (iii) Transmission Performance (Planned and Forced Outages) -  
Labrador Interconnected System<sup>3</sup>**

<b>T-SAIFI</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Hydro	9.00	9.00	3.00	5.00	4.00	5.00	7.50	10.50	6.00	2.25
CEA Average	0.89	0.86	0.82	0.75	0.82	0.96	0.90	0.89	0.74	0.81

<sup>1</sup> All Hydro Island Customers including Newfoundland Power Customers and Industrial Customers.

<sup>2</sup> Hydro Island Rural Customers only, not including Industrials and Newfoundland Power.

<sup>3</sup> Labrador Interconnected System includes the Happy Valley delivery point, Muskrat Falls delivery point which was added in January 2011 and two delivery points for Labrador West which were added in January 2015.

<b>T-SAIDI</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Hydro	131.00	49.00	15.00	186.00	161.50	95.50	1320.00	466.50	1187.75	337.25
CEA Average	86.26	85.81	92.36	66.14	115.51	73.43	115.87	86.06	69.79	98.22

1           iv)    Transmission Performance, as outlined in Table 3-3, refers to T-SAIFI and T-  
2                   SAIDI which is a measure of the Bulk Electric System performance. Part (iv)  
3                   refers to Hydro’s Rural Isolated Systems which are not part of the Bulk  
4                   Electric System, please refer to Hydro’s response to NP-NLH-042 (iv) for  
5                   Hydro’s distribution SAIFI and SAIDI performance.