

1 **Q. (a) In Appendix A, the MGT operating history concludes at 2015. Please update**
2 **this operating history to include 2016 and 2017 to date.**

3
4 **(b) The average MGT annual production has a run time of 130.17 hrs., which**
5 **amounts to a little more than three weeks run time on average over the period**
6 **described in Table 1. Given the cost of this unit, has there been a value for**
7 **money audit completed?**

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9 **A. (a) Table 1 provides the updated operating history from page A-4 of Appendix A to**
10 **include 2016 and 2017 to date.**

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Table 1
Annual Production

Year	Generation (kWh)	Run Time (hours)	Avg. Generation Load (kW)
2006	155,183	36.95	4,199.8
2007	98,489	34.62	2,844.9
2008	652,193	215.42	3,027.5
2009	189,620	66.76	2,840.3
2010	614,866	172.44	3,565.7
2011	126,928	42.65	2,974.4
2012	388,811	125.23	3,104.8
2013	241,828	73.75	3,279.0
2014	960,984	195.60	4,913.0
2015	1,160,140	338.27	3,429.6
2016	459,970	86.34	5,327.4
2017 YTD	114,371	33.64	3,399.6
Average	430,282	118.47	3,575.5

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15 **(b) Newfoundland Power is not aware of what a value for money audit entails.**
16 **Therefore, the Company has not completed such an audit.**

17
18 **Mobile generating units support the provision of reliable electrical service by**
19 **minimizing or avoiding customer outages. These include unplanned outages resulting**
20 **from major storm events, as well as planned outages required to complete**
21 **construction and maintenance work. The information provided in part (a) of this**
22 **question clearly shows that the MGT has had a material impact on minimizing or**
23 **avoiding customer outages.**

1 As shown in Table 1 of the response to Request for Information CA-NP-002, the
2 MGT has primarily been deployed in rural areas of Newfoundland that are served by
3 long radial transmission lines. For example, in the summer of 2015, the MGT
4 operated in Twillingate during a series of maintenance outages on transmission lines
5 114L and 140L. During these outages, the MGT supplied approximately 1,700
6 customers and avoided 6.2 million customer minutes of outage.¹

7
8 The replacement of the MGT at the end of its useful service life is consistent with (i)
9 consumers in the province having equitable access to an *adequate* supply of power;
10 (ii) delivery to consumers of power at the lowest possible cost consistent with:
11 *reliable* service; and (iii) the necessary provision for the supply and distribution of
12 power in *emergency* conditions, as required by Section 3 of the *Electrical Power*
13 *Control Act, 1994*.

¹ During such events, the Company works with the business community and local governments to ensure its mobile generating units are deployed in a manner that minimizes local disruption and avoids the creation of emergency conditions. This is particularly important given the rural Newfoundland economy is fueled by tourism and the fishery, and extended power outages during the summer construction season can negatively impact these industries.