

- 1 **Q. Reference: “2022/2023 General Rate Application,” Newfoundland Power, May 27,**  
2 **2021, Volume 2, Section 3, p. 3**  
3  
4 **The evidence states: “Use of a 5-year average system load factor, as opposed to a 15-**  
5 **year average system load factor, increases Newfoundland Power’s peak demand**  
6 **forecast by approximately 9 MW, or 0.7%, over the forecast period.”**  
7  
8 **Provide the data used to compute the 5- and 15-year average system load factors.**  
9  
10 **A. See Attachment A for the information requested.**

**Newfoundland Power**  
**5-Year and 15-Year Average Load Factor Data**

**Newfoundland Power Average Load Factor Data**

<b>Year</b>	<b>Winter Season</b>	<b>Weather Adjusted Native Peak Plus Curtailed Demand<sup>1</sup> (MW)</b>	<b>Weather Normalized Produced &amp; Purchased (GWh)</b>	<b>Load Factor (%)</b>	<b>15-Year Average Load Factor Data (%)</b>	<b>5-Year Average Load Factor Data (%)</b>
2005	2005-2006	1,181.7	5,298.8	51.19%	51.19%	
2006	2006-2007	1,178.3	5,292.6	51.28%	51.28%	
2007	2007-2008	1,204.1	5,394.5	51.14%	51.14%	
2008	2008-2009	1,223.7	5,513.8	51.30%	51.30%	
2009	2009-2010	1,239.7	5,613.8	51.69%	51.69%	
2010	2010-2011	1,241.0	5,732.9	52.73%	52.73%	
2011	2011-2012	1,310.3	5,877.8	51.21%	51.21%	
2012	2012-2013	1,360.0	5,976.1	50.03%	50.03%	
2013	2013-2014	1,352.4	6,107.1	51.55%	51.55%	
2014	2014-2015	1,392.7	6,247.0	51.20%	51.20%	
2015	2015-2016	1,381.2	6,309.4	52.15%	52.15%	52.15%
2016	2016-2017	1,445.9	6,295.2	49.57%	49.57%	49.57%
2017	2017-2018	1,384.9	6,265.6	51.65%	51.65%	51.65%
2018	2018-2019	1,439.8	6,204.0	49.19%	49.19%	49.19%
2019	2019-2020	1,367.3	6,173.3	51.54%	51.54%	51.54%
2020	2020-2021	1,299.8	6,042.8	52.93%		
<b>Average Load Factor<sup>2</sup></b>					<b>51.16%</b>	<b>50.82%</b>

<sup>1</sup> Native peak is the maximum demand served by Newfoundland Power. For the purposes of calculating the load factor, curtailment is added to this figure if coincident with the time of peak.

<sup>2</sup> The Company's load factor in 2020 was the highest recorded system load factor in at least 30 years and was influenced by public health measures in effect to manage the COVID-19 pandemic. It was therefore excluded in the calculation of the 15-year and 5-year average load factor.