Q. **Reference: Near Term Reliability Report, November 15, 2022, page 5, lines 9-14.eliability and Resource Adequacy Study 2022 Update, Volume III, Attachment 3, page 4**

Explain the decrease in Newfoundland Power's firm hydro capacity.

A. The previous value used for Newfoundland Power Inc.'s ("Newfoundland Power") firm hydro capacity was based on an analysis of a dataset that only included the amount of Newfoundland Power hydraulic generation on days when Newfoundland and Labrador Hydro ("Hydro") had made a request for Newfoundland Power to operate their thermal units, at which time Newfoundland Power's hydraulic generation would have already been maximized.

The current firm capacity of 58 MW is based on a recent analysis of a larger data set from January 2017 to March 2021 used to determine the amount of hydraulic generation that Newfoundland Power has been consistently providing during times of high or peak load on the Island Interconnected System following a request from Hydro to maximize hydraulic generation. This is a change in methodology as the latest analysis reviews Newfoundland Power's hydraulic generation on days when hydraulic generation was requested to be maximized, as opposed to days when thermal was requested to be maximized. It was determined that the overall average of Newfoundland Power's hydraulic generation during system peak was 58 MW. This analysis will be completed periodically and updated in the Reliability Model and subsequent system planning filings.