

1 Q. **References: Tab D; Volume 1: Projects over \$200,000 and less than \$500,000**
2 **(Update Energy Management System Software)**

3 Are there any linkages between the EMS and the new assets being added to the
4 electrical system (e.g., Labrador Island Link, Labrador Transmission Assets, Maritime
5 Link, etc.)? If so, please provide detail on the linkages.

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8 A. Yes, the Monarch Energy Management System (EMS) is configured to send control
9 commands and obtain data from Remote Terminal Units (RTU) located at remote
10 locations on the electrical system. Listed below are the physical linkages for the
11 Labrador-Island Link, the Labrador Transmission Assets, and the Maritime Link:

- 12 • Woodbine Converter Station;
- 13 • Bottom Brook Converter Station;
- 14 • Bottom Broom Terminal Station;
- 15 • Granite Canal Tap Station;
- 16 • Solders Pond Converter Station;
- 17 • Solders Pond Terminal Station;
- 18 • Solders Pond Synchronous Condenser Station;
- 19 • Shoal Cove Transition Compound;
- 20 • Forteau Point Transition Compound;
- 21 • Muskrat Falls Converter Station;
- 22 • Muskrat Falls Terminal Station 1;
- 23 • Muskrat Falls Terminal Station 2;
- 24 • Muskrat Falls Terminal Station 3;
- 25 • Muskrat Falls Plant (Future); and
- 26 • Churchill Falls Terminal Station 2.