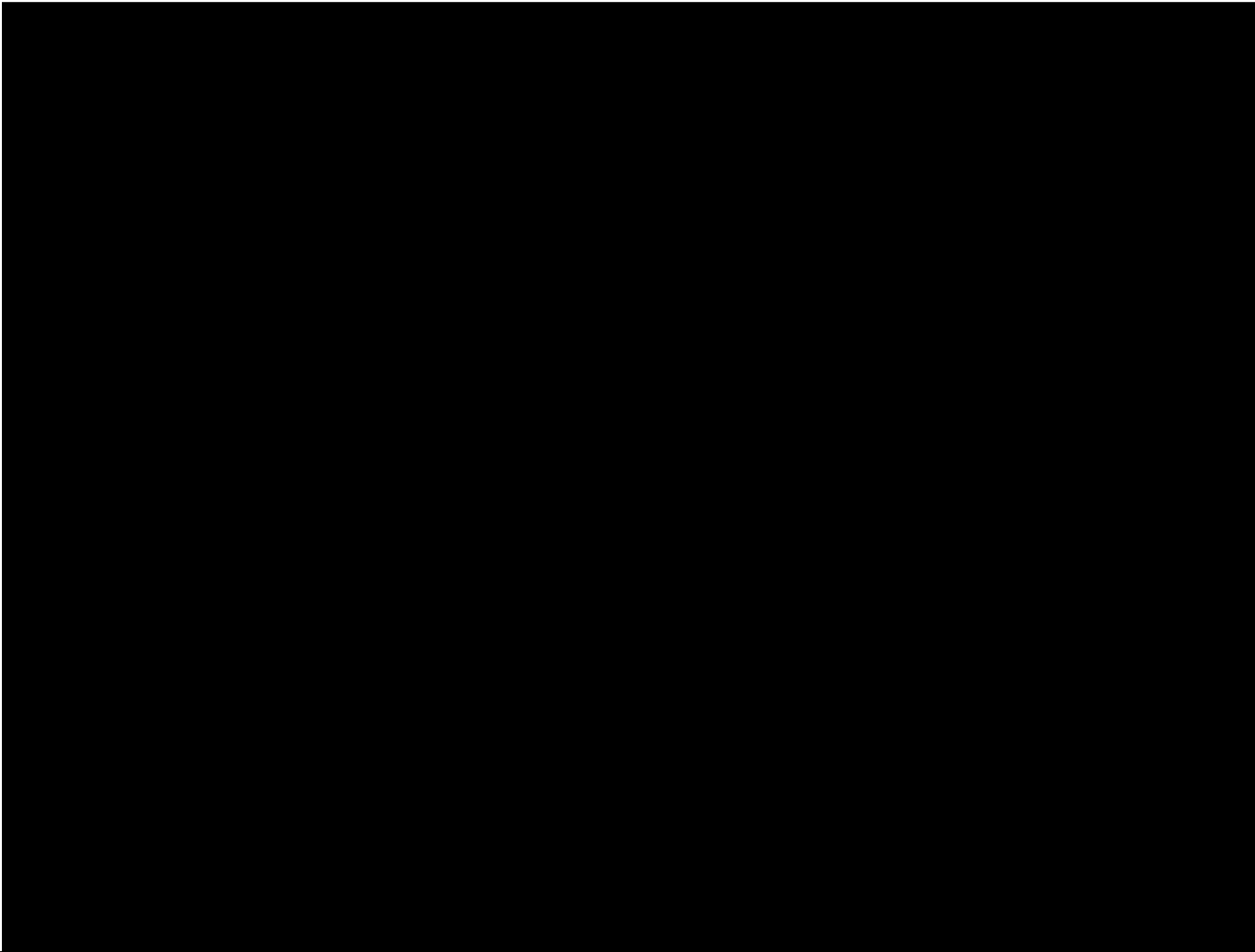


1. *Journal of the American Medical Association*, 2000; 283: 2639-2645.

1 The price assumptions corresponding to the above 2027F are outlined in Table 2.

Table 2: Price Assumptions 2027 Forecast (\$USD)



- 2 **b) Key assumptions for the PLEXOS production plan that was used for the 2027 Test Year**
3 Include:
- 4 • 2025 Reference Case Load Forecast;
 - 5 • Labrador-Island Link (“LIL”) being available up to 700 MW with an equivalent forced
6 outage rate of 5%;
 - 7 • Power Purchase Agreements for New World Dairies, Rattle Brook, Fermeuse and St.
8 Lawrence Wind Farms and Capacity Assistance Agreements at Vale, Corner Brook Pulp

1 and Paper and Memorial University of Newfoundland, extended through the 2027 Test
2 Year;

- 3 • Final Under-Frequency Load Shedding scheme based on interim limits;
- 4 • Full delivery of the Nova Scotia Block;
- 5 • EAA deliveries of 900 GWh annually, following a typical monthly profile;
- 6 • Alignment of Newfoundland Power Inc.'s ("Newfoundland Power") hydro generation
7 with Newfoundland Power's Spring 2025 Forecast;
- 8 • Extended Newfoundland Power's Wesleyville and Greenhill gas turbines through the
9 2027 Test Year;
- 10 • Holyrood Thermal Generating Station Unit commitment of:
 - 11 ○ Two Units: Jan 1–Feb 28.
 - 12 ○ One Unit: Mar 1–Mar 31 (50 MW commitment from Mar 15–Mar 31).
 - 13 ○ Zero Units: Apr 1–Oct 15.
 - 14 ○ One Unit: Oct 16–Nov 30.
 - 15 ○ Two Units: Dec 1–Dec 31.
- 16 • Average annual Island hydro production of 4,600 GWh;
- 17 • Outage from March 14–November 20, 2027 on Bay d'Espoir Unit 5 and Unit 6 for
18 Penstock 3; and
- 19 • Outages for other units included as a generic outage schedule according to historical
20 planned outage duration.

21 **c) With average hydraulic conditions, Newfoundland and Labrador Hydro ("Hydro") has more**
22 **energy than it needs to meet system requirements during the 2027 Test Year. If load**
23 **increases, it will generally mean that the Island will receive more energy from Muskrat Falls**
24 **via the LIL, which will decrease the amount of energy that Hydro can monetize for export. If**
25 **load decreases, it will generally mean that the Island will not need as much energy from**

- 1 Muskrat Falls via the LIL, which will increase the amount of energy that Hydro can monetize
- 2 for export.