

November 10, 2014

The Board of Commissioners of Public Utilities
Prince Charles Building
120 Torbay Road, P.O. Box 21040
St. John's, Newfoundland & Labrador
A1A 5B2

Attention: Ms. Cheryl Blundon
Director Corporate Services & Board Secretary

Dear Ms. Blundon:

**Re: Newfoundland and Labrador Hydro - the Board's Investigation and Hearing into
Supply Issues and Power Outages on the Island Interconnected System - Request for
Project Updates**

Further to the Board's letter of August 1, 2014 regarding the above referenced matter, enclosed are the originals and 12 copies of Hydro's status updates for the following projects:

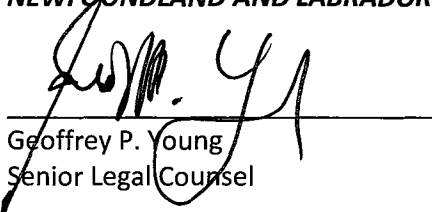
- Sunnyside Replacement Equipment; and
- Western Avalon Terminal Station T5 Tap Changer Replacement.

We trust you will find the enclosed updates to be in order.

Should you have any questions, please do not hesitate to contact the undersigned.

Yours truly,

NEWFOUNDLAND AND LABRADOR HYDRO



Geoffrey P. Young
Senior Legal Counsel

GPY/jc

cc: Gerard Hayes – Newfoundland Power
Paul Coxworthy – Stewart McKelvey Stirling Scales
ecc: Roberta Frampton Benefiel – Grand Riverkeeper Labrador

Thomas Johnson – Consumer Advocate
Danny Dumaresque

Sunnyside Replacement Equipment

Status Update Briefing– November 7, 2014

Boundless Energy



Contents

- Project Dashboard
- Progress & Schedule Summary
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(Incremental to Information provided Oct 24)

Project Dashboard

PM - Sunnyside Transformer Project

Joe Yurchesyn

Safety

Quality

Schedule

Cost

Progress & Schedule Summary

1. HRD T8 delivered to SSD and installed.
2. Unit tarp enclosed and heated for oil filling and dew point testing by Nov 8.
3. Transformer commissioning starts Nov 8 for 3 days.
4. B2T1 138 kV Breaker delivered to site Nov 6.
5. T1 and B2T1 cabling underway.

Progress & Schedule Summary (cont'd)

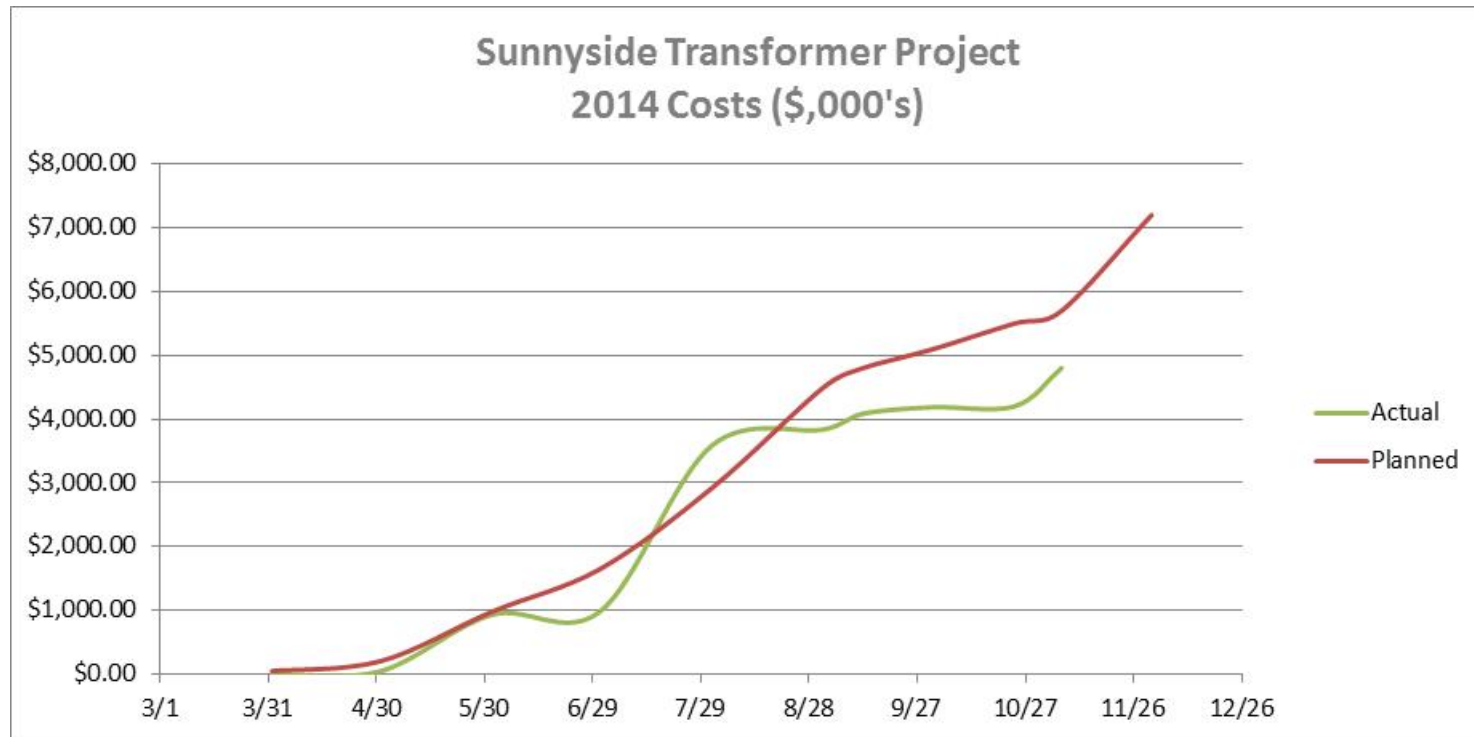
6. T1 Ready for Service date maintained Dec 3.
7. Project continues to track with compliance to plan against Safety, Quality, Cost, and Delivery targets.

Level 2 - Schedule Summary

Sunnyside Transformer						05-Nov-14																											
#	Activity Name	Remaining Duration	Start	Finish	Comments	June 2014				July 2014				August 2014				September 2014				October 2014				November 2014				December 2014			
						01	08	15	22	29	06	13	20	27	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	07
1	Sunnyside Transformer	37	01-May-14A	15-Dec-14		[Gantt bar from May 1 to Dec 15]																											
2	PM Tasks	0	25-Jun-14A	19-Aug-14A		[Gantt bar from Jun 25 to Aug 19]																											
3	Sunnyside Transformer	37	01-May-14A	15-Dec-14		[Gantt bar from May 1 to Dec 15]																											
4	Engineering	0	16-Jun-14A	14-Nov-14A		[Gantt bar from Jun 16 to Nov 14]																											
5	Procurement - Material	16	01-May-14A	20-Nov-14		[Gantt bar from May 1 to Nov 20]																											
6	Procurement - Install	0	02-Jun-14A	12-Aug-14A		[Gantt bar from Jun 2 to Aug 12]																											
7	Construction - Equipment Removals	37	14-Aug-14A	15-Dec-14		[Gantt bar from Aug 14 to Dec 15]																											
8	Construction - Foundations Removals/Install	6	03-Sep-14A	12-Nov-14		[Gantt bar from Sep 3 to Nov 12]																											
9	Electrical Construction	32	22-Sep-14A	09-Dec-14		[Gantt bar from Sep 22 to Dec 9]																											
10	ABB Schedule T1	8	27-Oct-14A	12-Nov-14		[Gantt bar from Oct 27 to Nov 12]																											
11	230/138 kV Auto Transformer (T1)	6	03-Nov-14	08-Nov-14		[Gantt bar from Nov 3 to Nov 8]																											
12	230 kV Breaker (B1L03)	0	22-Sep-14A	06-Oct-14A		[Gantt bar from Sep 22 to Oct 6]																											
13	138 kV Breaker (B2T1)	8	04-Nov-14	13-Nov-14		[Gantt bar from Nov 4 to Nov 13]																											
14	230 kV Disconnect (B1T1-1)	0	01-Oct-14A	07-Oct-14A		[Gantt bar from Oct 1 to Oct 7]																											
15	Station Post Insulators	0	17-Oct-14A	18-Oct-14A		[Gantt bar from Oct 17 to Oct 18]																											
16	Station Service Transformer	1	05-Nov-14	05-Nov-14		[Gantt bar from Nov 5 to Nov 5]																											
17	Station Service Transfer Switch	5	17-Oct-14A	07-Nov-14		[Gantt bar from Oct 17 to Nov 7]																											
18	Transformer Protection Panel & Relays	27	08-Nov-14	09-Dec-14		[Gantt bar from Nov 8 to Dec 9]																											
19	Elect/P&C/Comms. Commissioning	18	08-Oct-14A	03-Dec-14		[Gantt bar from Oct 8 to Dec 3]																											
20	Breaker B1L03	0	20-Oct-14A	24-Oct-14A		[Gantt bar from Oct 20 to Oct 24]																											
21	230 kV Disconnect B1T1-1	0	08-Oct-14A	10-Oct-14A		[Gantt bar from Oct 8 to Oct 10]																											
22	Breaker B2T1	7	25-Nov-14	03-Dec-14		[Gantt bar from Nov 25 to Dec 3]																											
23	Transformer T1	13	12-Nov-14	25-Nov-14		[Gantt bar from Nov 12 to Nov 25]																											

Cost Summary - S Curve

(Preliminary – Includes Commitments, Project Accounting Reconciliation in process)



Note: Forecast Final Expenditures (FFE) tracking with compliance with original budget. Actual Costs reflects contractual commitments for major equipment and install contracts. Actual plus accrued costs to date are lower.

Risk Analysis

Internal Risk Review of Plan elements ongoing.

Risk Register updated to reflect contingency plan risks and used to manage risk during Contingency Plan Execution.

Risk Analysis – Example of Issues

- HRD T8 at SSD – weather delays
 - Heated tarp fill and testing; monitoring weather and adjusting scheduled work
- SSD T1 Outage requirements.
 - Coordinate outages with other projects
- SSD B2T1 138 kV Breaker – transport & install damage and delays
 - Monitoring daily progress to site; spare parts ordered

Project Photos

Photo 1 – HRD T8 Leaving Holyrood



Photo 2 – HRD T8 Enroute to SSD



Photo 3 – HRD T8 on SSD T1 Pad



Photo 4 – HRD T8 Rotated to SSD T1 Position



Photo 5 – HRD T8 Parts at SSD



Photo 6 – SSD T1 Prep'd For Filling



Photo 7 – SSD T1 Hardware Attached



Photo 8 – B1L03 230 kV Breaker I/S



Photo 9 – B2T1 138kV Breaker at Site



