

August 29, 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:

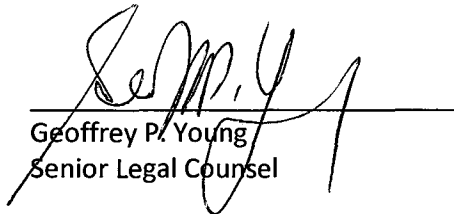
- Sunnyside Replacement Equipment; and
- Western Avalon Terminal Station T5 Tap Changer Replacement.

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/cp

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

Thomas Johnson – Consumer Advocate  
Danny Dumaresque

# Western Avalon Terminal Station T5 Tap Changer Replacement

Status Update Briefing– August 29, 2014

Boundless Energy



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- Project Dashboard
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- Project Photos

(Incremental to information provided Aug 15)

# Project Dashboard

**PM** - Western Avalon Transformer Project  
**Joe Yurchesyn**

- Safety
- Quality
- Schedule
- Cost

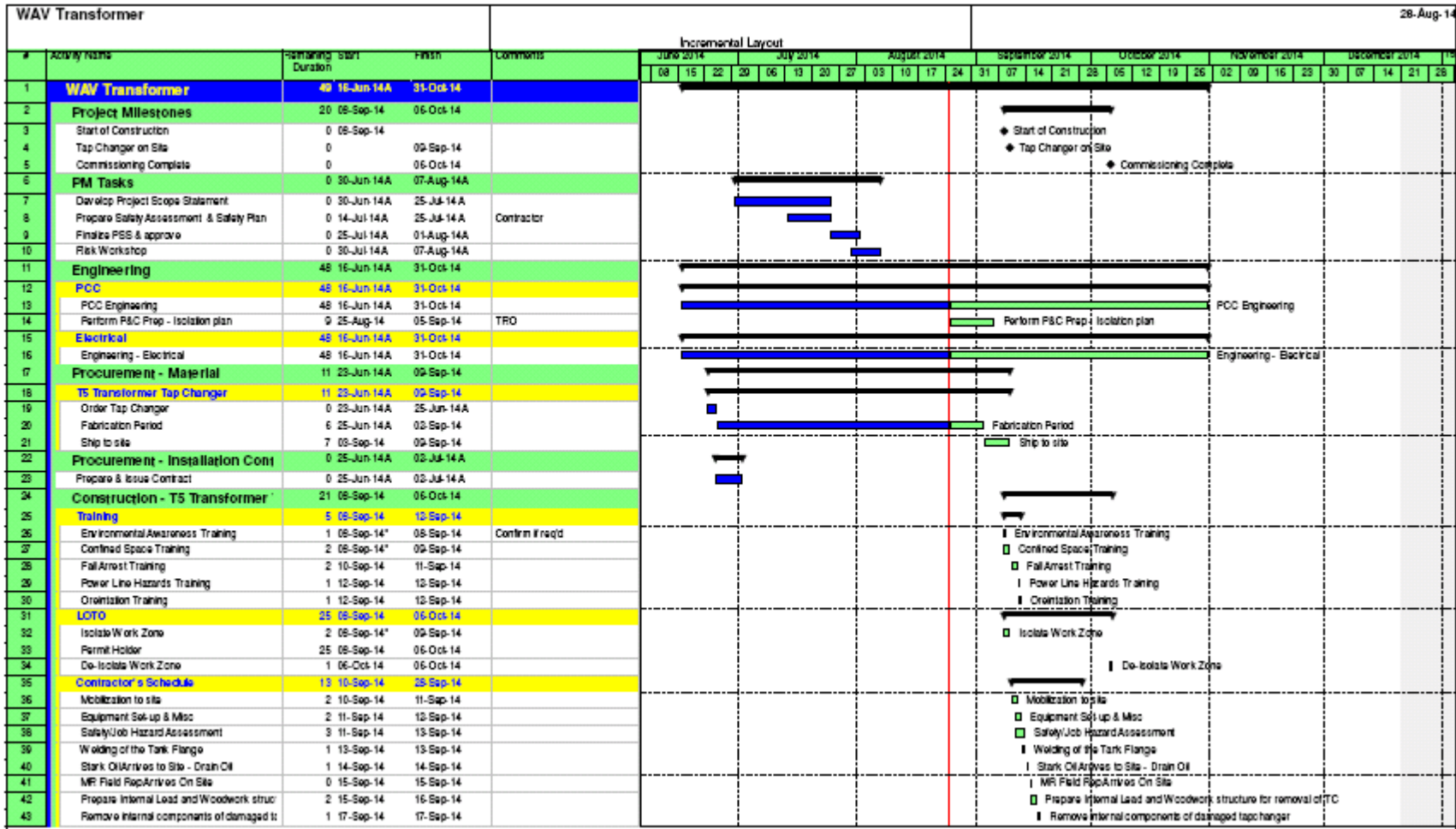
# Progress & Schedule Summary

1. T5 Transformer Modifications contract (supply and install) in place with CG Power (Transformer OEM).
2. Reinhauser Tap Changer Assembly Started.
3. Tap Changer Delivery – Air Freight through Halifax, Truck to WAV – 5 to 7 days – Planned Delivery September 9.

## Progress & Schedule Summary (cont'd)

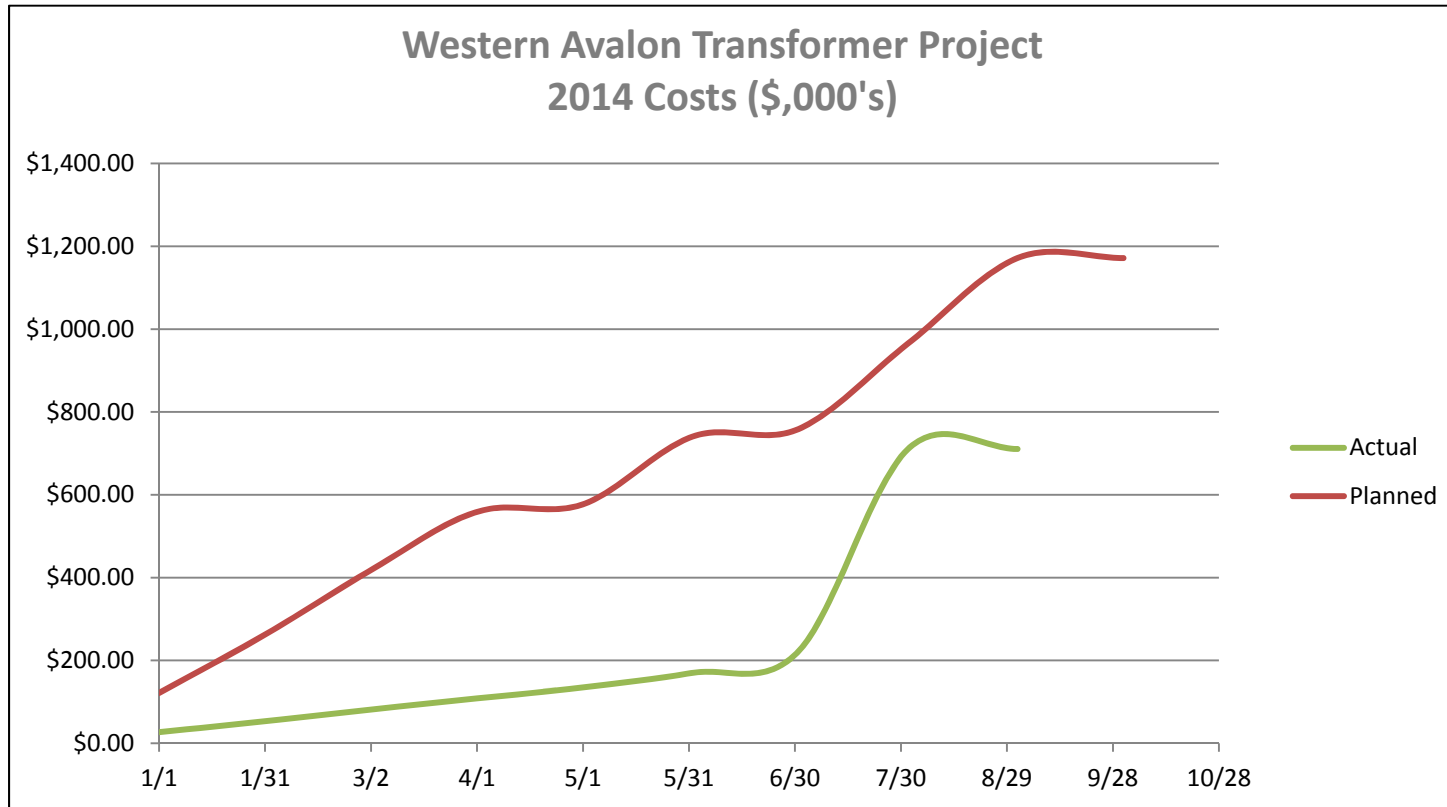
5. Site work is approximately four weeks; ready for commissioning by end September/early October with a planned in-service date of October 13.
6. Overall Schedule tracking.

# Level 2 - Schedule Summary



# Level 2 - Schedule S Curve

(Preliminary – Project Accounting in Process of Set-Up)



Note: Forecast Final Expenditures (FFE) tracking with compliance with original budget. Actual Costs reflects contractual commitments for major equipment and install contracts.



# Contracting Plan

1	T5 Transformer Modification (Supply & Install, Tap Changer)	T5 Transformer modifications - materials and install, tap chnager materials and install, supply to PAD	CG Power	6/23/2014 On-Site Sep 5	13-Oct	Ongoing
2	T5 Tap Changer	T5 Tap Changer Supply to CG Power (Sub-Contract)	Rheinhauser	6/23/2014 deliver to site Sep 13	13/10/2014 Rep on site for install	Ongoing

# Risk Analysis

Third Party Facilitated Risk Workshop and Risk Register Spreadsheet produced for WAV August 7.

Major risks similar to, but less than those for SSD. Actions identified to risks where practical.

# Risk Analysis – Example of Issues

- T5 Tap Changer Delivery – Timing, Damage.
  - Expedite (air freight) and monitor.
- T5 Tap Changer – Installation/Failure.
- T5 Transformer modifications.
  - CG Power detailed plan - cutting and cleaning.
- P&C Re-Connections.
  - Oversight OEM recommendations, modifications and commissioning.

# Project Photos

**None Available at this time – Tap Changer parts in manufacture, assembly has started.**

