

October 24, 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:

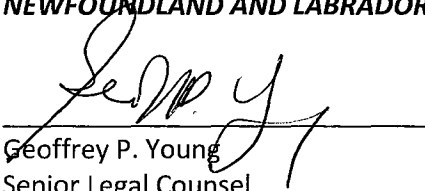
- Sunnyside Replacement Equipment; and
- Western Avalon Terminal Station T5 Tap Changer Replacement.

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

# Western Avalon Terminal Station T5 Tap Changer Replacement

Status Update Briefing– October 24, 2014

Boundless Energy



# Contents

- Project Dashboard
- Progress & Schedule Summary
- Risk Analysis
- Project Photos

(Incremental to information provided Oct 10)

# Project Dashboard

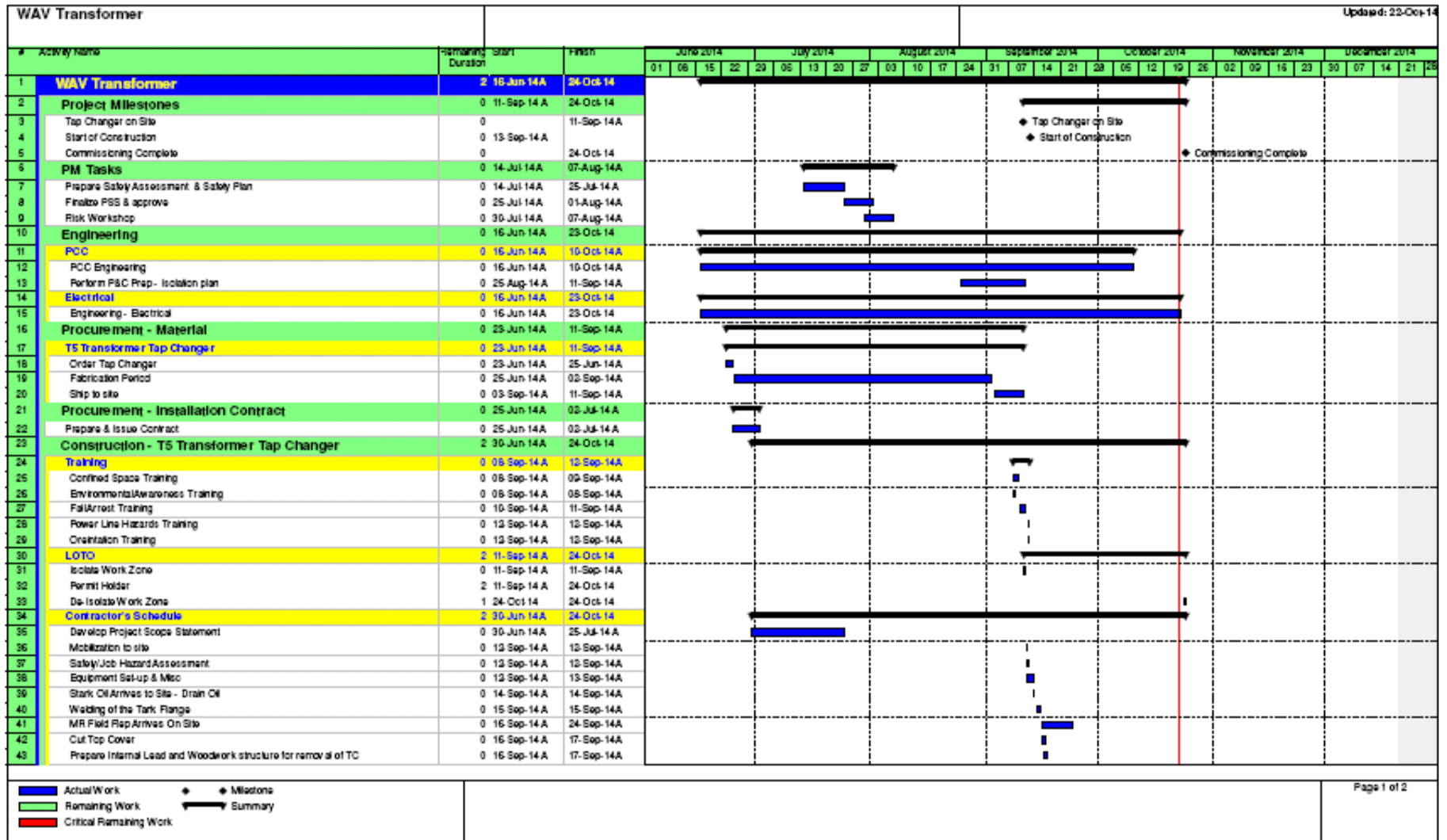
**PM** - Western Avalon Transformer Project  
**Joe Yurchesyn**

- Safety
- Quality
- Schedule
- Cost

# Progress & Schedule Summary

1. T5 Transformer testing and commissioning completed.
2. Energization scheduled Oct 24.
3. Commissioning and Energization had been delayed by system outage requirements elsewhere and severe weather preparations.
4. In compliance to plan against Safety, Quality, Cost, and Delivery targets.

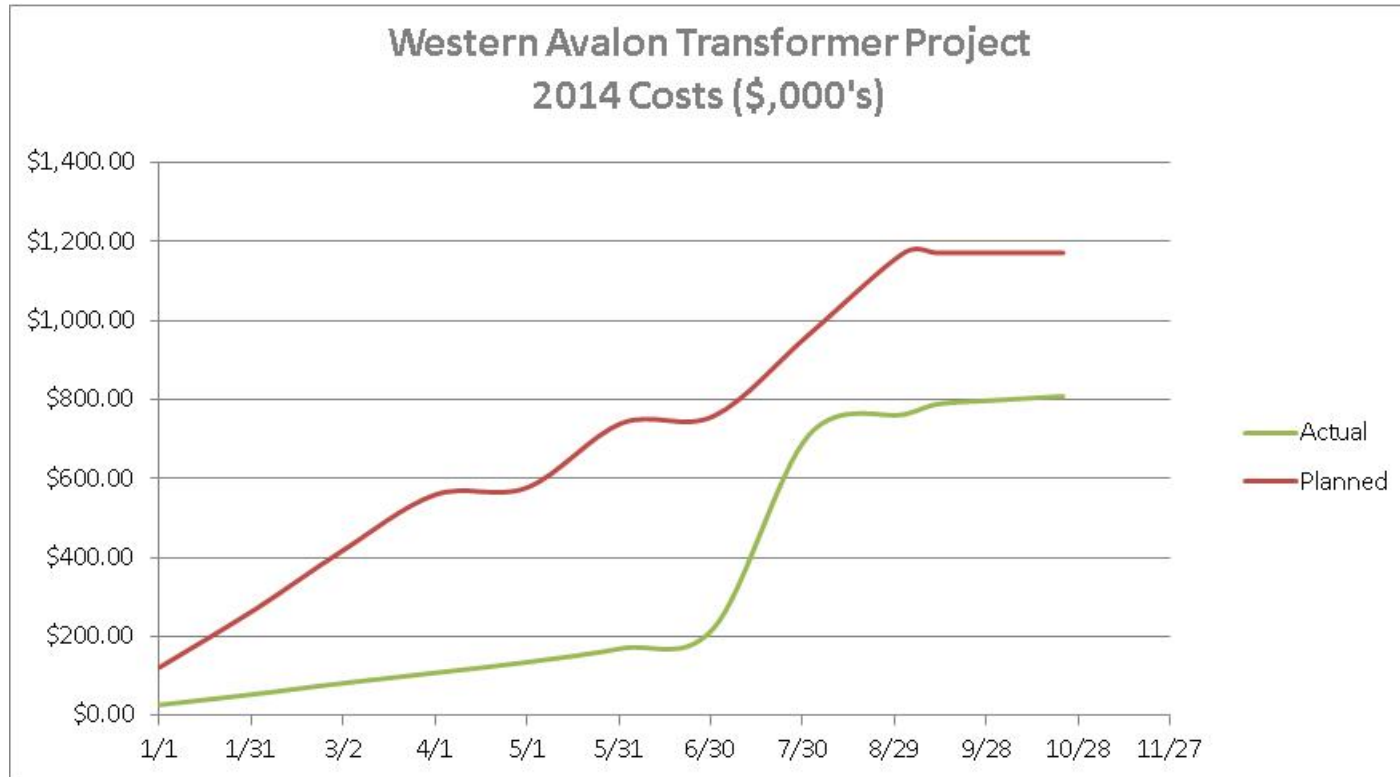
# Level 2 - Schedule Summary





# Cost Summary - S Curve

(Preliminary – 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

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

Major risks are related to ongoing operation and performance of new tap changer.

# Risk Analysis – Example of Issues

- Energization/Post Energization failure
  - Key personnel on site during commissioning and energization

# Project Photos

# Photo 1 – WAV T5 Reconnected



# Photo 2 – WAV T5 Tap Changer Panel



