

Undertaking 174

Undertake to provide me with any materials in the contract or any documentation that would show that with regard to the expected December 2014 completion date.

The contract document, which can be found in the response to GT-DD-NLH-001 has several references to completion of work in December 2014. Refer to pages 74, 75, 76, 333, 350, 433, 468 of this attachment.

The bi-weekly reports that were submitted to the Board also provide schedule updates, which show the December 2014 completion date. As an example, attached is the update from Aug. 15, 2014. All of the bi-weekly reports are available on the Board's website.

Supply and Installation of a 100 MW Combustion Turbine Generator

Status Update Briefing– August 15, 2014

Boundless Energy



Contents

- Project Dashboard
- Progress & Schedule Summary
- Cost Summary (S-Curve)
- Risk Analysis
- Project Photos

(Includes only material updated since July 23, 2014)

Project Dashboard

The project is progressing according to plan and in compliance with Safety, Quality, Schedule, and Cost.



Progress & Schedule Summary

1. Excavation for fuel unloading station is underway
2. Containment berm for fuel storage tanks is nearing completion
3. Generator Step Up (GSU) transformer foundation is complete
4. Auxiliary transformer foundations are complete

Progress & Schedule Summary

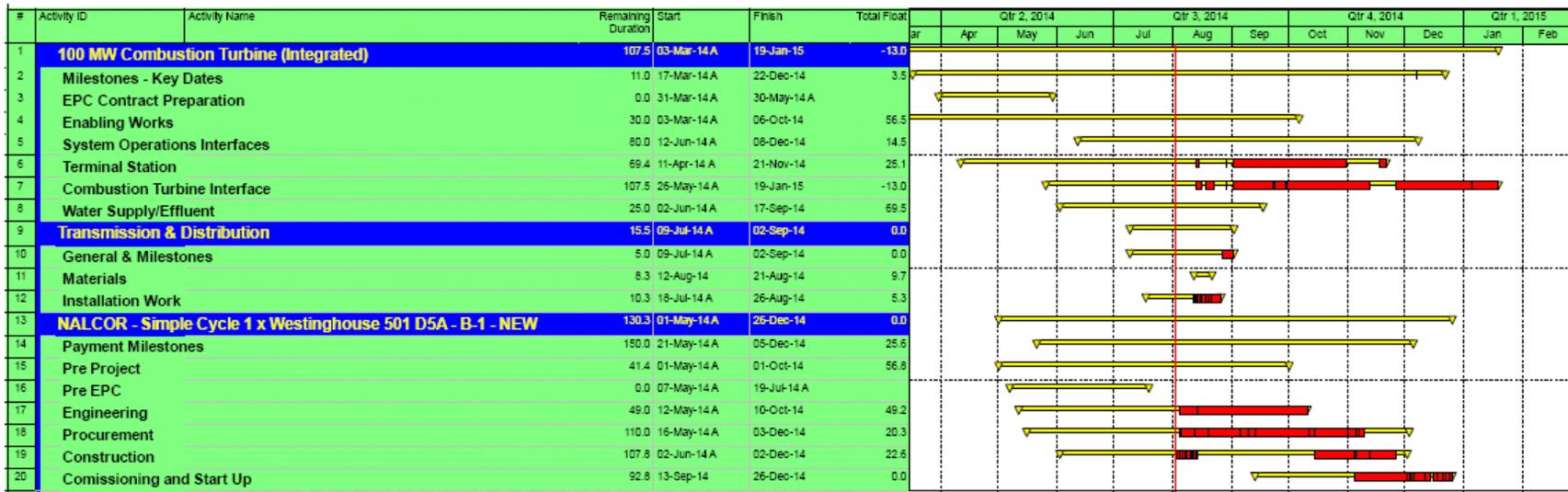
5. Installation of various duct banks continues
6. Air inlet filter house foundation is complete
7. Turbine and GSU transported between Bay Bulls Marine Base and Holyrood Station – Major Milestone Achieved.
8. GSU Placed onto foundation on schedule
9. Transmission Line construction is proceeding on plan.

Progress & Schedule Summary

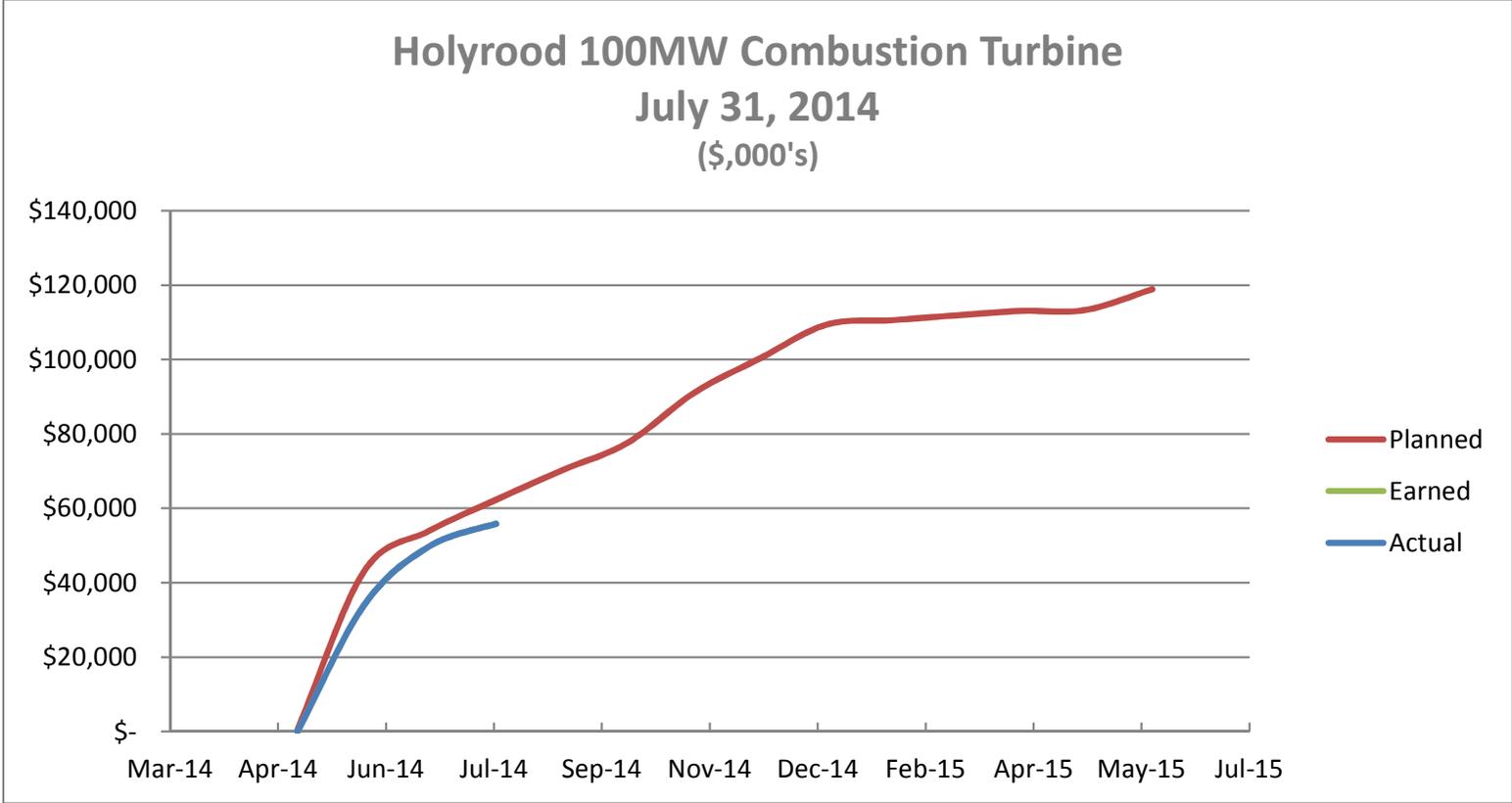
10. Terminal station interconnection work has started on schedule.
11. Overall schedule is tracking in accordance with plan and ready for service date remains December 2014. See attached schedule showing progress to date.

Level 2 – Summary Schedule

- Summary level schedule provided below.



Cost Summary – S-Curve



Note: earned = actual for this report

Risk Analysis

A 3rd party facilitated risk workshop was held on June 26th.

Risk Register was produced during the workshop. Fifty + risks identified.

Risk mitigation plan in place and being used to manage risk during execution of the project.

Key Risks & Mitigation

Risk: Construction activities lead to contact with energized lines leading to safety incident

Mitigation: Relocate lines, power line hazard training for operators, use permit system, prepare lift plans, de-energize lines where possible,

Key Risks & Mitigation

Risk: Unfamiliarity with new equipment leads to delay in commissioning

Mitigation: Training included in EPC contract; engage operations and commissioning personnel early in the process;

Key Risks & Mitigation

Risk: Labour issues at the plant/TRO leads to work disruption and delay in project

Mitigation: Contract terms currently under negotiation; maintain open communications with stakeholders

Key Risks & Mitigation

Risk: Lack of coordination of work with all of the work crews on site leads to safety incident

Mitigation: HSE Plans; Site Orientations; Contractor coordination meetings; toolbox meetings;

Key Risks & Mitigation

Risk: Aggressive project schedule does not allow for any delay or rework in design – leads to schedule delay

Mitigation: Close coordination between fast-track design and construction teams; regular coordination meetings; field engineering engaged with design team.

Key Risks & Mitigation

Risk: Delay in delivery of equipment and/or materials leads to schedule delay

Mitigation: expediting; order materials as early as possible; identify long lead items early in project; choose appropriate shipping method.

Key Risks & Mitigation

Risk: Lack of available of resources to execute the Holyrood terminal station P&C work

Mitigation: Engage external resources where required.

Project Photos

Photo 1 – CTG Site - Holyrood

CTG
Foundation



Aux XFMR
Foundation

GSU
Foundation

Air Inlet
Foundation

Photo 2 – CTG Foundation - Holyrood



Photo 3 – Auxiliary Transformer Foundation - Holyrood



Photo 4 – Fuel Tank Area - Holyrood



Photo 5 – Duct Banks - Holyrood



Photo 6 – Transmission Line Construction - Holyrood



Photo 7 – Turbine Transport– Holyrood, NL



Photo 8 – GSU and Turbine Arriving at Holyrood



Photo 9 – Turbine at Holyrood



Photo 10 – GSU Placement on Foundation - Holyrood



Photo 11 – GSU Placement on Foundation - Holyrood



Photo 12 – GSU Placed on Foundation



