

Attachment 5

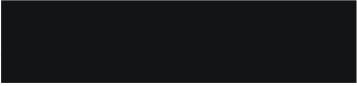
CAPEX Estimate for Incremental 50 MW Size Increase,
Class 5

Hatch Ltd.





MAJOR PROJECTS CONTRACTOR DOCUMENT FRONT COVER SHEET

Contract Number and Description: 2024-97582 DS - RFP for 150 MW Combustion Turbine Plant– Front End Engineering and Design Project		Project Number: 12972390	
Contractor Name: Hatch Ltd.		Contractor Address: 80 Hebron Way St. John's, NL A1A 0L	
Document Title: CAPEX Estimate for Incremental 50 MW Size Increase, Class 5		Total Number of Pages incl. Front Sheet: 3	
Contractor Document Number: H373979-0000-620-622-0002		Contractor Revision Number: 0	
Contractor Signature/Stamp: 			
NLH Document Number: HRDCT2-HAT-49100-EP-EST-0003-01		NLH Revision Number: B0	
NLH Document Date (DD-MMM-YYYY): 28-11-2024			
Comments:		Equipment Tag:	

REVIEW DOES NOT CONSTITUTE APPROVAL OF DESIGN DETAILS, CALCULATIONS, TEST METHODS, OR MATERIAL DEVELOPED AND/OR SELECTED BY THE CONTRACTOR, NOR DOES IT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH CONTRACTUAL OR OTHER OBLIGATIONS.

- ☐ 01 REVIEWED AND ACCEPTED – NO COMMENTS
☐ 02 REVIEWED – INCORPORATE COMMENTS, REVISE AND RESUBMIT
☐ 03 REVIEWED – NOT ACCEPTED
☐ 04 INFORMATION ONLY
☐ 05 NOT REVIEWED

NLH Lead Reviewer	Date (DD-MMM-YYYY)	NLH Project Manager	Date (DD-MMM-YYYY)

General Comments:




CAPITAL COST ESTIMATE



Summary

Client:	Newfoundland & Labrador Hydro
Plant:	CAPEX Estimate for Incremental 50 MW Size Increase, Class 5
Project #:	H/373979
Revision#:	Rev. 0
Date:	2024-11-28
Estimate Class:	Class 5
Estimate Accuracy:	-50% to +50%

Approvals		
ESTIMATOR:		11/28/2024
CHECKED BY:		11/28/2024
STUDY MANAGER:		11/28/2024
SPONSOR:		11/28/2024

HATCH

FBS	WBS Description
1500	Stormwater Infrastructure
1600	Bulk Earthworks
1700	Site Roads and Parking Areas
1800	Security (Fencing, Gates, etc.)
2100	Power House Building
2200	Gas Turbine Foundation
2300	Electrical Foundations
2500	Miscellaneous Foundations (Pumps, Tanks, etc.)
2600	Pipe Rack Foundations and Structures
2700	Permanent Cranes
3100	Gas Turbine Generator Packages
4100	Diesel Oil Tanks
4200	Fuel Handling System
4300	Jetty Fuel Transfer System
4400	Vehicle Offloading System
5100	Main Output System
5200	Unit and Station Power Supply
5300	AC Power Distribution Systems
5400	Protection and Metering
5500	UPS Power Distribution
5600	Cabling System
5700	Switchyard
5800	Transmission Lines
5900	Building and Yard Electrical Services
6100	Central Control System
7100	Plant Water Systems
7200	Water Treatment System
7300	Compressed Air Systems
7400	Fire Protection System
7500	HVAC Systems
7600	Oily Water Drains
7700	Miscellaneous Equipment and Systems
Subtotal Direct	
8100	EPCM
8200	Construction Indirects
8300	Freight
8300	Freight (Turbine Package)
8400	Vendor Representatives
8400	Vendor Representatives (Turbine Package)
8510	Spare Parts - Commissioning and Startup
8510	Spare Parts - Commissioning and Startup (Turbine)
8520	Spare Parts - Capital
8520	Spare Parts - Capital (Spare Transformer)
8520	Spare Parts - Capital (GTs)
8600	First Fills and Oils
8700	Third-Party Services
8900	Commissioning
8900	Other Indirect Costs
Subtotal Indirects	
9100	Contingency
9200	Owner's Cost
TIC	