

Client Project Submission Form

To be submitted to Instructor: Stephen Bruneau, sbruneau@enr.mun.ca, 737-2119

Civil Engineering Design Course ENGI - 8700

Memorial University

Faculty of Engineering and Applied Science

St. John's NL, Canada A1B 3X5

CLIENT

COMPANY	Newfoundland and Labrador Hydro	address	500 Columbus Drive, St. John's, NL, A1B 4K7		
Client Engineer	Nancy Hart	phone	709.737.1312	email	nancyhart@nlh.nl.ca
Alternate Contact	Greg Jones	phone	709.737.1246	email	gjones@nlh.nl.ca

Proposed Project Title

Civil Layout for Large Scale Wind Farm in Labrador

Description of Project

Students are to design road ways and site access routes for a large scale wind development in Labrador. The turbine locations will be provided and the students are expected to provide an optimized site layout that minimizes cost while maximizing constructability and construction logistics.

Requirement of Student Group

The group will be expected to provide:

- best practice guidelines for development of wind farm layouts
- a preliminary layout and construction estimate to allow client to give feedback and ask questions.
- a final layout recommendation and estimated site construction cost (+/- 20%)

COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS