

Vermont Green Line CCIDA Financial Aid Application

This document contains information as part of the application for financial assistance from the Clinton County Industrial Development Agency.

Attachment for Question 7(a) and 7(b)

For SEQRA purposes, the project defined in the application to the CCIDA is a Type II action under 617.5(c)(34) as the construction of the project will require a certificate of environmental compatibility and public need pursuant to Article VII of the Public Service Law; as a consequence, there is no need to file an environmental assessment form with the IDA application.

The Public Service Commission will conduct its own environmental analysis in lieu of the SEQRA process within the Article VII proceeding.

Attachment for Question 8(a)

The Vermont Green Line Project is a 60-mile long HVDC electricity line to transmit New York wind power and hydro into the New England market.

The Project will build a \$122-130m converter station in Beekmantown near the existing New York Power Authority's Plattsburgh 115kV substation. The converter station is about 150-ft by 250-ft on a site of approximately five acres. The station will be about 50-ft tall. The site is off of Jersey Swamp Road.

The Project will also install about six miles of transmission cable in conduits buried in mostly public roads. The roads will be restored to the current or better condition. The Project also intends to install about three miles of cable in Lake Champlain until it passes into Vermont waters. It will be buried about 4-5 feet below the Lake bottom using a 'jet plow' to minimize disruption.

Rights to locate the underground cable in public ROWs will be acquired from NYS DOT and local highway departments and, in the case of NYS-owned lands under water in Lake Champlain, from the Office of General Services, pursuant to ministerial provisions for the granting of use and occupancy permits. In those few locations where easements in private land will be needed, easements will be acquired by negotiation.

Attachment for Question 8(c)

The proposed converter station property is zoned rural residential (class 240) with an agricultural exemption

The current proposed lakeside (where the cable enters under the shoreline into the Lake) is zoned family residential (class 210)

A property adjacent to the proposed lakeside site (used for horizontal drilling) is zoned as dairy farm (class 112) with an agricultural exemption

A proposed property adjacent to the west of I-87 (used for horizontal drilling under the highway) is zoned rural vacant (class 322)

An alternative lakeside site is zoned field crops (class 120) with an agricultural exemption

The remaining line would run along public roadways

Attachment for Question 8(d)

Norman Davis, and various owners of property adjoining public rights of way between converter station and the Lake shore and the State of New York

Rights to locate the underground cable in public ROWs will be acquired from NYS DOT and local highway departments and, in the case of NYS-owned lands under water in Lake Champlain, from the Office of General Services, pursuant to ministerial provisions for the granting of use and occupancy permits. In those few locations where easements in private land will be needed, easements will be acquired by negotiation.

Attachment for Questions 8(i)

Option agreement between Mr. Norman Davis and Aurora North, LLC, wholly owned by Vermont Green Line Devco LLC (Attached)

Attachment for Question 8(j)

Converter Station:

- a. High voltage AC (HV-AC) equipment including circuit breakers, switches, power transformers
- b. High voltage DC (HVDC) equipment including power electronics for AC-DC conversion, valve cooling system, switches
- c. Auxiliary equipment including control and protection systems, building systems

Six miles of 320kV DC terrestrial cables

Three miles of 320kV DC submarine cables

Fiber optic cable installed with electrical cables

Attachment for Question 10

Spreadsheet attached

Attachment for Question J-4

Electrical technician trained and capable to perform routine operations & maintenance tasks on HVDC VSC technology converter station and auxiliary equipment.

Vermont Green Line

CCIDA Application for Financial Assistance

Spreadsheet referenced in the answer to question 10

Total Beekmantown, NY Investments	Low Range	High Range
Converter Station		
Engineering, Procurement, Construction (EPC) costs	111,393,800	116,941,300
Non EPC costs	3,445,009	5,592,340
Subtotal Converter Station	114,838,809	122,533,640
Terrestrial Cable		
EPC Costs	31,626,000	33,201,000
Non EPC costs	8,184,421	9,746,210
Subtotal Terrestrial Cable	39,810,421	42,947,210
Submarine Cable		
EPC Costs	12,507,330	13,130,205
Non EPC costs	465,678	540,634
Subtotal Submarine Cable	12,973,008	13,670,839
Sales & Use Taxes	9,037,489	9,504,586
Total Beekmantown Investment	176,659,727	188,656,275