

nscc

Facilities Management

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Date: December 1, 2016

RE: AASHE STARS Letter of Affirmation

To whom it may concern:

This letter serves as affirmation that Nova Scotia Community College (NSCC) meets the criteria for an innovation credit for the AASHE STARS report for research pertaining to and implementation of electric vehicle charging stations at the College.

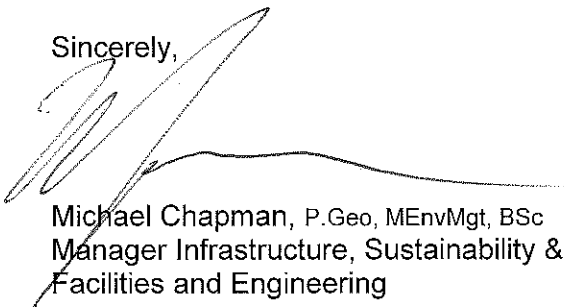
In 2016 the winning project for NSCC Electrical Engineering Technology Program was a prototype vehicle-to-grid project. This prototype included innovative technology that enabled electrical vehicles to charge during off peak times, then supply power back into the home during peak times, to reduce demand fluctuations on Nova Scotia's power grid. This is the first of its kind in Atlantic Canada.

Additionally, NSCC currently has three electric vehicle charging stations, and is in the process of installing an additional four electric car charging stations at campuses across the province. This will support the growth of the electric car industry in Nova Scotia by providing public infrastructure to rural areas, and increasing infrastructure in urban locations. Finally, in 2016 the Facilities and Engineering department hired an engineering coop student to implement a sustainable fleet vehicle plan for future use.

By supporting electric vehicles in Nova Scotia, NSCC can effectively reduce greenhouse gas emissions by allowing an alternative to gasoline vehicles. Since electric vehicles operate by energy supplied by NS Power, these car chargers will also support the local economy. Furthermore, the research project has resulted in the development of partnerships with multiple private sector companies, and serves as a catalyst for further research in vehicle-to-grid technology.

Nova Scotia Community College is committed to reducing its environmental impact through sustainable practices, promoting leadership, and raising awareness of environmental concerns and sustainability.

Sincerely,



Michael Chapman, P.Geo, MEnvMgt, BSc
Manager Infrastructure, Sustainability & Space Planning
Facilities and Engineering