



WELCOME

Federal Government Announcement Electric Vehicle Infrastructure Demonstration Project

Friday, February 23, 2018
Formal Ceremony: 10am – 10:30 am
Optional Tour: 10:30 am – 11:00am

Funding, Partners, Stakeholders

- Funding: Natural Resources Canada

- Partners:

- City of New Westminster
- IBX Datasystems Ltd

- Supporters and Stakeholders:

Federal and Provincial Government; Municipalities; AES Engineering; Power Pros Electrical; BC Hydro; Powertech Labs; CSA Group; Greenlots; Clipper Creek; New Car Dealers.



Project Objectives

Address Barriers to Adoption of EVs associated with:

1. Proprietary communications protocols for command & control of EV chargers
2. Retrofitting multi-unit residential buildings (MURBS) for EV charging
3. Residential high-density installations, and EV charging for “Garage Orphans”
4. Commercial parking lot installation, leveraging streetlight infrastructure

Project Demonstrations of:

- Open protocols for interoperability, live status, and command & control of Level 2 and DCFC EV chargers
- Measurement and mitigation of instantaneous load, aggregate load, Power Factor, & THD associated with collections of L2 EVSE typically installed in MURB scenarios
- Low-cost curbside, and commercial parking lot EV charging installations, leveraging existing streetlight infrastructure.

