

**Proposal:****Incentives for Retraining Automotive Technicians for EV Repair and Maintenance****Submission Relevant To:**

Rachel Anne Notley, Premier of Alberta  
Sara Marjorie Hoffman, Deputy Premier, Minister of Health  
Brian Mason, Minister of Transportation / Minister of Infrastructure  
David Manson Eggen, Minister of Education  
Deron Bilous, Minister of Economic Development and Trade  
Joseph Anthony Ceci, President of Treasury Board and Minister of Finance  
Danielle Marie Larivee, Minister of Municipal Affairs  
Margaret Ellen McCuaig-Boyd, Minister of Energy  
Christina Gray, Minister of Labour  
Marlin Robert Schmidt, Minister of Advanced Education  
Brandy Lynn Payne, Associate Minister of Health  
David Wheeler, Chair of Alberta Energy Efficiency Panel

**Situation:**

Many dealerships in Alberta are unable to sell EVs due to requirements imposed by manufacturers of having to have a minimum number of trained EV repair technicians on staff as a prerequisite to obtaining vehicles for sale. This training is expensive and is carried out usually out of country. For many of the dealerships it is not cost effective to train employees for the specialized work when so few electric vehicles are on the roads. This turns into a self-defeating situation as the numbers of vehicles will always remain low if dealerships are unable to sell them or maintain them.

This has made going out of province (where government support for electric vehicles exists) to purchase an EV the norm for many Alberta consumers, which stifles our Alberta economy and limits EV adoption.

**Problem:**

Lack of support for education of EV service technicians is causing issues in sales of electric vehicles.

**Key Analysis:**

By giving educational bursaries and rebates for technicians to learn electric vehicle maintenance and offsetting the course costs for out of province and out of country certification, both the dealership and the employee gain the ability to sell and support electric vehicles and the hurdle can be eliminated.

**Recommendation:**

The Alberta Government should allow for bursaries and course cost bursaries and rebates for technicians looking to become EV repair technicians including for out of province and out of country certifications.

**Justification:**

The implementation of these suggested changes will offer an increase the adoption of electric vehicle ownership.

By having the ability to train technicians, dealerships will be more likely to meet the minimum requirements by the manufacturer for being able to sell EVs.

By keeping the EV sales market in Alberta rather than outside of the province, it will stimulate Alberta's economy.

EV Ownership and use will lower greenhouse gas emissions (by potentially 23% using 2015 statistics) and cut noise pollution which will reduce healthcare costs.

Infrastructure development will create jobs for skilled Alberta workers stimulating the economy.

The demand for skilled labour will stimulate post-secondary education within the province.

Allowing for more sales of EVs and a better support network for maintenance and repairs will stimulate EV sales while keeping business in Alberta and adding to our skilled labour workforce.

**Potential Funding:**

The Alberta Energy Efficiency Panel is currently taking suggestions on how best to use the \$645 Million in funding earmarked for the agency. Using some of the funds available for these initiatives is perceived to be a perfect fit for the agency and the resources available.

There also seems to be an opportunity for funding from the Federal Government and Infrastructure Canada's \$120 Billion investment over the next 10 years through Infraconsults, located at <http://www.infraconsults.ca/>.

**Reference:**

Electric Vehicle Adoption Proposal In Alberta – Terms of Reference – Version C1.0