

**Date Submitted:** February 21, 2018

**Proceeding name:** BCUC Regulation of Electric Vehicle Charging Service Inquiry

## **Participant contact information**

**Organization or individual name:** Gary Guthrie

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## **For organizations only - representative contact information**

**Name:**

**Organization (if different from above):**

**City:**

**Province:**

**Email:**

**Phone number:**

**Also representing (if applicable):**

## **Additional information**

**Please state your reasons for intervening in this proceeding:**

Electric cars are the future of transportation, an important economic and social component of our society. Any regulations covering these vehicles must be well conceived. I want to ensure that any proposed regulations are based on an open assessment of current practices and future issues, not on past experiences of energy

distribution. Like cell phones, this technology will become wide spread more quickly than most realize. And like cell phones, which required different consideration from a telecommunication system based on legacy land lines, BEV's will require a new way of thinking. I believe some of the issues in Order G-9-18 are misdirected and reflect an approach to regulation that is not relevant to BEVs.

**Please state how you are directly or sufficiently affected by the Commission's decision in this matter; or describe your experience, information, or expertise relevant to this matter that would contribute to the Commission's decision making:**

My wife and I have owned and operated a BEV since 2014. We have extensive experience using public charging stations on Vancouver Island and the Lower Mainland and home-based charging. This direct real world experience should be valuable to the Commission's understanding of how the current system works, what our experiences have been and what to consider going forward.

**Please list the key issues you intend to address in the proceeding:**

1) "Hands on" assessment of current charging system - pros and cons 2) Options for expanding charging stations. Given the increasing range capacity of BEV batteries (if range improvement projections are accurate), it won't be long before BEVs will offer ranges comparable with existing ICE vehicles. What sort of and how many charging facilities will be required in the near term and when range levels increase to parity. 3) Potential funding models for capital expansion and electric charging costs of BEVs - who should pay and how? 4) Most BEVs will be charged at home, during off peak hours. What are the regulatory issues related to this. 5) Private versus public sector components. Does BCUC have a role in this new energy consumption market?

## **For administrative purposes only**

**Do you intend to participate fully, including attendance at hearings and submission of evidence or information requests, if applicable?:** Yes

**Do you intend to request PACA funding? This does not impact your ability to participate:** Yes

**Have you or your organization web-registered as an intervener or interested party in the past 12 months?:** No

**If yes, please provide your username:**