



May 3, 2018

Sent via email/eFile

<b>BCUC REGULATION OF ELECTRIC VEHICLE CHARGING SERVICE INQUIRY EXHIBIT A-16</b>
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Mr. Richard Tennant  
President  
Van-Port Sterilizers Ltd.  
vanportecologies@gmail.com

**Re: British Columbia Utilities Commission – An Inquiry into the Regulation of Electric Vehicle Charging Service – Project Number 1598941 – Information Request No. 1**

Dear Mr. Tennant:

Further to your March 2 and March 16, 2018 filings of written evidence with respect to the above-noted Inquiry, enclosed please find British Columbia Utilities Commission (BCUC) Information Request No. 1. In accordance with the regulatory timetable, please file your responses on or before Wednesday, June 6, 2018.

The BCUC's Rules of Practice and Procedure (Rules) set out in Order G-1-16 provide guidance and establish requirements for participants in BCUC proceedings. Subject to section 14 of the Rules, all parties that receive an information request must provide full and adequate response to each question.

The BCUC's Rules of Practice and Procedure can be viewed here:  
<https://www.ordersdecisions.bcuc.com/bcuc/orders/en/127520/1/document.do>

If you have any questions regarding the information request process, please contact Commission Secretary.

Sincerely,

*Original signed by:*

Patrick Wruck  
Commission Secretary

/dg  
Enclosure



**British Columbia Utilities Commission  
An Inquiry into the Regulation of Electric Vehicle Charging Service**

**INFORMATION REQUEST NO. 1 TO VANPORT STERILIZERS INC.**

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**1.0 Reference: Exhibit C14-2; Exhibit C14-3  
EV Inquiry – preliminary questions**

In Exhibit C14-2, Vanport Sterilizers Inc. (VSI) provides information on several projects. In Exhibit C14-3, VSI states:

The desire to expand Electric Vehicle Charging Station Service (EVS) stems from multiple concerns; from fossil fuel costs and related (uncontrolled) carbon outputs to the interests of those promoting efficient mass autonomous EV infrastructure. No matter what interest motivates EVS system designers the challenge is to develop the most cost-effective and efficient EVS infrastructure.

By Order G-19-18 (Exhibit A-2), the BCUC identified the following preliminary scope for the EV Inquiry:

**SCOPE A: BASIS FOR REGULATION**

1. Do EV charging stations operate in a competitive environment in BC or are they a natural monopoly service?
2. Are the customers of EV charging stations captive or do they have a choice?
3. Should the Commission regulate the services provided by EV charging stations? What are benefits and detriments to such regulation?

**SCOPE B: RATE DESIGN AND RATE SETTING**

4. Should the rate design of EV charging stations be established under a public utility's traditional cost of service model or some other model? And within that context, what are the customer pricing options (e.g. energy-based rate vs. time-based rate)?
5. Should the EV charging station service rate be based on a public utility's existing wholesale or commercial retail rate or some other rate?
6. Should public utilities include EV charging stations in their regulated rate base or through a separate non-regulated entity?
7. If public utilities provide EV charging services within their regulated business, is there a risk of cross subsidization from other rate classes to support this new service and if so, is the proposed rate design potentially unduly discriminatory?

## **OTHER MATTERS**

8. Any other matters that may assist in the effective and efficient review of the Inquiry.
- 1.1 Please clarify how VSI's submission is pertinent to any of the BCUC's scoped items as listed above. Please be specific where applicable.