



## ELECTRIC DEPARTMENT

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December 14, 2018

Ms. Judith Whitney, Clerk  
Vermont Public Utility Commission  
112 State Street, 4<sup>th</sup> Floor  
Post Office Drawer 20  
Montpelier, VT 05623-2701

Re: Case 18-2660 – Investigation into promoting the ownership and use of electric vehicles

Dear Ms. Whitney,

During the November 30, 2018 workshop (“Workshop”), the Public Utility Commission requested that the distribution utilities (“DUs”) file comments regarding the cost of providing a meter to serve electric vehicle charging supply equipment (“EVSE”).

As was discussed at the Workshop, a DU’s cost to install a commercial revenue grade meter can be highly variable as it depends upon the location of the requested service. Stowe Electric Department (“SED”) estimates that the cost of installing a typical single-phase meter in a customer-owned meter socket as would be required for a typical 7 kW Level 2 EVSE would be \$140. In the case of a DC fast-charging EVSE, or a bank of Level 2 EVSE that would require three-phase service, the average meter install cost would be \$400. The cost of installing the meter would not be charged directly to the customer in either of these scenarios as it would be accounted for in SED’s cost of service and collected through rates.

To clarify, these estimates would not include the variable costs alluded to earlier. As these EVSE would be metered separately of an existing service, there would be additional costs associated with the installation, such as the wire beyond the typical 100-foot drop, whether the customer requests that SED to place that service underground rather than overhead, possible primary line extensions in the case of customer requesting service beyond the reach of SED’s existing distribution infrastructure, etc.

Thank you for the opportunity to comment on this matter. Should you have any questions, please feel free to contact me.

A handwritten signature in black ink, appearing to read "Matthew DS Rutherford". The signature is stylized and includes a long horizontal line extending to the right.

Matthew DS Rutherford  
Manager of Regulatory Compliance  
Town of Stowe Electric Department