

October 23, 2019

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Mr. Patrick Wruck  
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Dear Mr. Wruck:

**Re: BC Hydro F2020 – F2021 Revenue Requirements Application  
Intervener Information Request – 20 Year Load Forecast**

The attached are my Information Requests with respect to BC Hydro's 20-year Load Forecast.

Sincerely



Paul Willis

**Reference: Twenty-Year Load Forecast, October 3, 2019**

**Table 2, Page 11, F2021**

**Appendix D, Table D-1, Demand for F2021**

**Willis Information Request Question 1**

*In Table 2, the June 2019 Load Forecast indicates a Total Domestic Sales Forecast after DSM of 53,652 GWh for F2021. Table D-1 indicates a Demand – Integrated System of 60,738 GWh and DSM, Code savings of 1,310 GWh giving a net demand of  $60,738 - 1,310 = 59,428$  GWh.*

*Why is there such a difference between the Sales Forecast in Table 2 of 53,652 GWh and the Planned View value in Table D-1 of 59,421 GWh.*

**Reference: Appendix B, Section 1.3.1 EV Peak Methodology**

**“The EV peak model is a simulation model that has several inputs including the total annual number of EVs, daily distance travelled, EV efficiency, power of the charging equipment in kW and a charging time profile.”**

**Willis Information Request Question 2**

*In the above reference, there was no mention of special rates that would encourage EV owners to charge their EVs during off peak hours. Pacific Gas and Electric do have an EV rate where deep rate discounts are provided for charging during off-peak times like 3:00 to 6:00 am. Considering the large increase in EVs that are expected and the impact that this could have on capacity in distribution regions, is BC Hydro considering rates that will encourage charging during off-peak periods.*