

**Chris Sandve**

Chief Regulatory Officer

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March 25, 2022

Patrick Wruck  
Commission Secretary and Manager  
Regulatory Support  
British Columbia Utilities Commission  
Suite 410, 900 Howe Street  
Vancouver, BC V6Z 2N3

Dear Patrick Wruck:

**RE: British Columbia Utilities Commission (BCUC or Commission)  
British Columbia Hydro and Power Authority (BC Hydro)  
Network Economy Quarterly Report - Fourth Quarter (Q4) 2021**

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BC Hydro writes in compliance with BCUC Order No. G-127-06 approving the British Columbia Transmission Corporation's Application for Network Economy and Open Access Transmission Tariff (October 19, 2006). Section 9 of the Settlement Agreement, attached to Order No. G-127-06 as Appendix 1, requires that BC Hydro prepare reports for each quarter of the calendar year containing the information as set out in section 9 of the Settlement Agreement and in BC Hydro Tariff Supplement 80 - Network Economy Service - section 4, page 2. The quarterly reporting requirements were amended pursuant to BCUC Order No. G-158-15 (October 8, 2015).

The Network Economy Quarterly Report for the Fourth quarter of calendar year 2021 (**Q4 Quarterly Report**) is enclosed as Attachment 1.

As required by subsection 9(e) of the Settlement Agreement and section 4(e) of Supplement 80 - Network Economy Service, I attest that the information contained in the Q4 Quarterly Report is accurate.

BC Hydro will be posting this letter and the attached report on its website at [Quarterly and annual network economy reports \(bchydro.com\)](#).

March 25, 2022  
Patrick Wruck  
Commission Secretary and Manager  
Regulatory Support  
British Columbia Utilities Commission  
Network Economy Quarterly Report - Fourth Quarter (Q4) 2021

For further information, please contact the undersigned.

Yours sincerely,



Chris Sandve  
Chief Regulatory Officer

ms/ma

Enclosure (1)

Copy to: **Powerex**  
Attention: Mike MacDougall  
[mike.macdougall@powerex.com](mailto:mike.macdougall@powerex.com)

## BC Hydro Network Economy Quarterly Report – Q4 2021

(October 1, 2021 – December 31, 2021)

Pursuant to BCUC Order Nos. G-127-06 and G-158-15, and Tariff Supplement 80 - Network Economy Service – section 4, page 2:

<b>Threshold Purchase Price<sup>1</sup> on March 31, 2020<sup>2, 3</sup></b>
\$-999/MWh

Date of Notification	Threshold Purchase Price Change
N/A	No Change

	October 2021	November 2021	December 2021
Net Domestic volumes (MWh)	0 <sup>4</sup>	0 <sup>4</sup>	28,800 <sup>4</sup>
Monthly System Peak for the integrated domestic system (MW) <sup>5</sup>	7,856	8,855	10,762
Monthly Estimated Peak for the Lower Mainland (MW)	3,988	4,488	5,392
Monthly Estimated Peak for Vancouver Island (MW) <sup>6</sup>	1,472	1,609	2,205

<sup>1</sup> Pricing is quoted in US\$. For the purpose of allocation of energy and cost of energy, price is converted to CAN\$ based on the Bank of Canada daily average exchange rate.

<sup>2</sup> Pursuant to Commission Order No. G-158-15, effective April 1, 2016, the Threshold Purchase Price is the Trigger Price for the Network Economy Economic Test under Tariff Supplement 80 at all times of the year.

<sup>3</sup> As of April 1, 2020, the Threshold Purchase Price is no longer derived from the Transfer Pricing Agreement for Electricity and Gas between BC Hydro and Powerex Corp.

<sup>4</sup> A positive volume indicates net domestic imports during the month.

<sup>5</sup> Monthly System Peak for the integrated domestic system is an average for the peak hour.

<sup>6</sup> Does not include the Gulf Islands.