

Date Submitted: March 21, 2019

Proceeding name: BC Hydro F2020-F2021 Revenue Requirements

Participant contact information

Organization or individual name: Steve Davis & Associates Consulting Ltd.

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For organizations only - representative contact information

Name: Steve Davis

Organization (if different from above): Same as above

City: West Vancouver

Province: British Columbia

Email: svdavis@gmail.com

Phone number: 604-360-3816

Also representing (if applicable):

Additional information

Please state your reasons for intervening in this proceeding:

1. To show that certain Independent Power Producers can produce a significant amount of clean electricity for less than \$85/MWh. 2. To provide a forecast for load growth from the electrification of gas production

activities in the Montney basin that will be required to meet the GHG reduction targets in the governments CleanBC plan.

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:

BC ratepayers will benefit from the opportunity to receive new clean energy that could be supplied to BC Hydro at a cost of less than \$85/MWh (LUEC in 2019\$). BC Hydro has not held an Open Call for Power for 10 years. Significant recent reductions in the price of wind and solar electricity has not been illuminated in B.C. I have been active in the BC electricity industry for 25 years. I am a civil engineer with an MBA. I have led the development of a dozen IPP projects that are now operating. I have been involved in developing wind, solar, run or river, gas and biomass IPPs in B.C., Alberta, and Saskatchewan. I was the President of the Independent Power Producers Association of BC for 9 years. I have testified at BCUC Hearings. I have written detailed reports that have forecast load growth for industrial sectors in northern BC. In the past 6 months my detailed report "GHG Reduction from Electrifying the Montney" has been presented to over two dozen senior government officials and BC Hydro. BC Hydro states that the Montney has the largest load growth of any sector in B.C. GHG emissions from gas production facilities in the Montney comprise 12% of BC's total emissions. Accordingly, to meet the provincial government's CleanBC emission reduction targets in 2030 will require extensive electrification of the gas production facilities in the Montney. That will require over 6,000 GWh/year of new emission-free electricity. That could provided by clean electricity generated in B.C. at less than \$85/MWh.

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

1. Load growth from electrification of gas production activities in the Montney basin. 2. Transmission extension requirements necessary to support extensive electrification in the Montney. 3. The types, locations, and amounts of new clean electricity generation that IPPs can offer to BC Hydro at less than \$85/MWh.

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: