

BRITISH COLUMBIA UTILITIES COMMISSION

BRITISH COLUMBIA HYDRO AND POWER AUTHORITY  
F2020 TO F2021 REVENUE REQUIREMENTS APPLICATION – PROJECT NO. 1598990

INFORMATION REQUEST ON THE EVIDENTIARY UPDATE TO BC HYDRO FROM MoveUP

TOPIC: EXHIBIT B-15, OCTOBER 3 2019 20-YEAR LOAD FORECAST

6.0 IMPACT OF MUNICIPAL AND REGIONAL CLIMATE INITIATIVES

6.1 Please confirm that municipal and regional governments have the authority to adopt standards and codes concerning the selection of energy resources for developments within their jurisdictions, which are independent of provincial or federal initiatives and which may extend beyond provincial or federal initiatives.

6.2 Please list the municipal and regional governments in British Columbia that have declared a “climate emergency” as of October 1 2019.

6.3 Please file the City of Vancouver April 2019 Climate Emergency Response Report (<https://council.vancouver.ca/20190424/documents/cfsc1.pdf>) and Climate Emergency Response Final Motion (<https://vancouver.ca/files/cov/climate-emergency-response-council-amendments.pdf>).

6.4 Please confirm that Vancouver City Council approved the Final Motion by a unanimous vote.

**Reference: Climate Emergency Response Final Motion Item “E”:**

**THAT Council adopt the new target that by 2025, all new and replacement heating and hot water systems will be zero emissions, and direct staff to report back by Fall 2020 with a strategy and budget to achieve the target (“Big Move #4”).**

6.5 Does BC Hydro expect that the adoption of Item “E” will have an immediate impact upon energy-resource decisions of real estate developers in the City of Vancouver who are planning or contemplating future developments? If not please explain why not.

6.6 Does BC Hydro expect that similar impacts will be felt in other municipalities as they adopt policies, programs and standards aimed at limiting climate change?

6.7 What account if any has BC Hydro taken of actual or anticipated municipal initiatives to limit the combustion of fossil fuels in the 20-year load forecast with respect to residential, commercial and industrial loads?

6.8 What is BC Hydro's best estimate of the impact on the risks and uncertainties of the load forecast of a scenario where all or most new and replacement heating and water systems were zero emissions in British Columbia's urban centres within the first decade of the forecast? To what extent is this source of uncertainty accommodated within the 20-year load forecast?

## **7.0 HARMONIZATION WITH OTHER UTILITIES**

7.1 To what extent has BC Hydro taken account of FortisBC Energy Inc. and other energy utilities' assumptions and forecasts related to loads and energy resource selection trends in developing its own load forecast?

7.2 To what extent do the province's energy utilities' forecasts map a coherent analysis of expected trends over the next 20 years? Are the outlooks of the utilities broadly harmonious, in BC Hydro's view? If so, how is this achieved? If not, why not?

## **8.0 IMPACT OF CONSERVATION RATE DESIGN OVER TIME**

8.1 What assumptions does BC Hydro make of the persistence of the load impact of conservation-based residential rate design over time? What evidence does BC Hydro rely upon to arrive at these assumptions?