

Fred James

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May 29, 2020

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

Dear Mr. Wruck:

**RE: British Columbia Utilities Commission (BCUC or Commission)
British Columbia Hydro and Power Authority (BC Hydro)
2018 Letter Agreement with Powerex Corp. Forward Electricity Purchases
BCUC Order No. E-15-19 (Order) – Directive 4 Reporting
Report No. 11 – April, 2020**

BC Hydro writes pursuant to Directive 4 of the Order to file with the BCUC monthly reports to monitor water levels and inflows at each of the Kinbasket and Williston reservoirs by the end of the month following each reporting month.

BC Hydro is submitting four separate line graphs for each of the Kinbasket and Williston reservoirs. [Figure 1](#) and [Figure 5](#) reflects monthly reservoir levels over the past 12 months on a rolling basis, [Figure 2](#) and [Figure 6](#) reflects monthly reservoir levels over the past five years on a rolling basis.

[Figure 3](#), [Figure 4](#), [Figure 7](#) and [Figure 8](#) reflect monthly forecast reservoir levels over the next three years on a rolling basis for Kinbasket and Williston reservoirs respectively. BC Hydro has revised the information provided with this report. Specifically, following the demand reduction that has occurred associated with the COVID-19 pandemic, BC Hydro has issued two new scenarios for its load forecast: Scenario A and Scenario B. Scenario A reflects a reduction in load of █ per cent █ per cent and █ per cent in Fiscal Year (FY) 2021, 2022 and 2023, respectively; and Scenario B reflects a reduction in load of █ per cent, █ per cent and █ per cent in FY 2021, 2022 and 2023, respectively.

The lines within the graphs show the information as specified in the Order. BC Hydro notes that each graph shows when the minimum and maximum monthly reservoir levels were achieved as requested under sub-items 'iv' in the Order.

The confidential version of this letter is being made available to the BCUC only, in order to protect BC Hydro's commercial interests. The public version of the letter redacts each of the Figures to maintain confidentiality of the information as discussed below, and is being filed under separate cover.

These reports include monthly actual System Storage data, which is proprietary BC Hydro operational data and is considered commercially sensitive and would not otherwise be disclosed at this time. Publication of this information could enable third parties to model BC Hydro's system in depth, and to estimate BC Hydro's energy need and to predict BC Hydro's import and export requirements. As such, publication can reasonably be expected to impact BC Hydro's ability to sell surplus energy and to obtain required additional reliable supply in as cost-effective a manner as possible, potentially causing harm to BC Hydro ratepayers. BC Hydro seeks this confidential treatment pursuant to section 42 of the *Administrative Tribunals Act* and Part 4 of the BCUC's Rules of Practice and Procedure.

Figure 1 Kinbasket Reservoir Elevation for Past Year 2019-2020

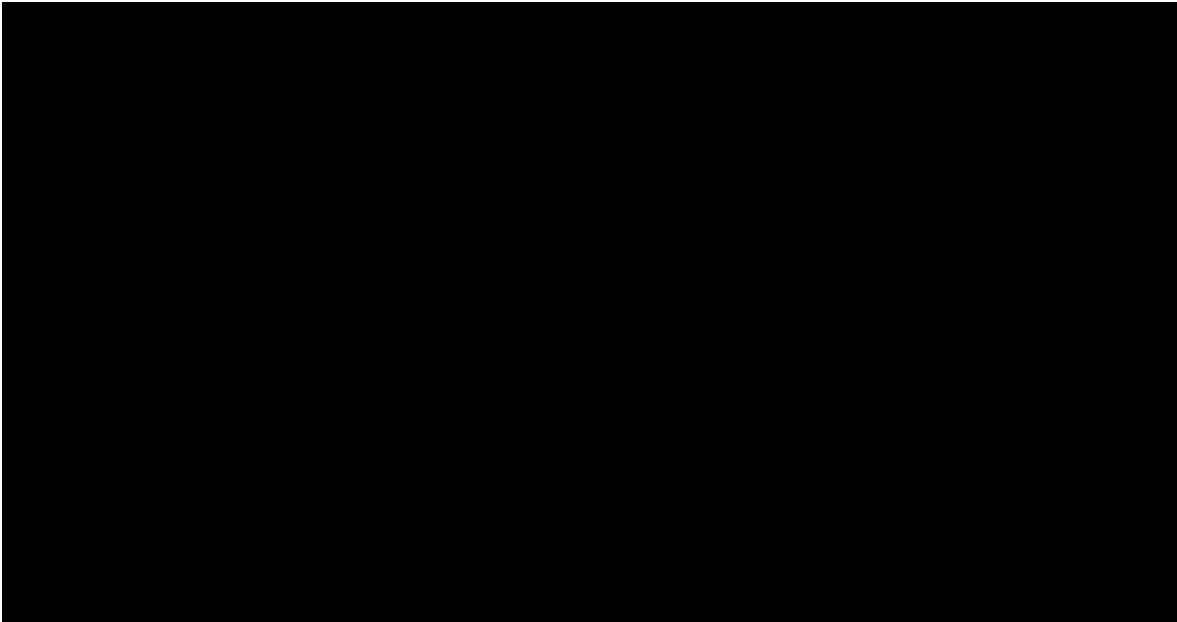


Figure 2 Kinbasket Reservoir Elevation for Past Five Years 2015-2020

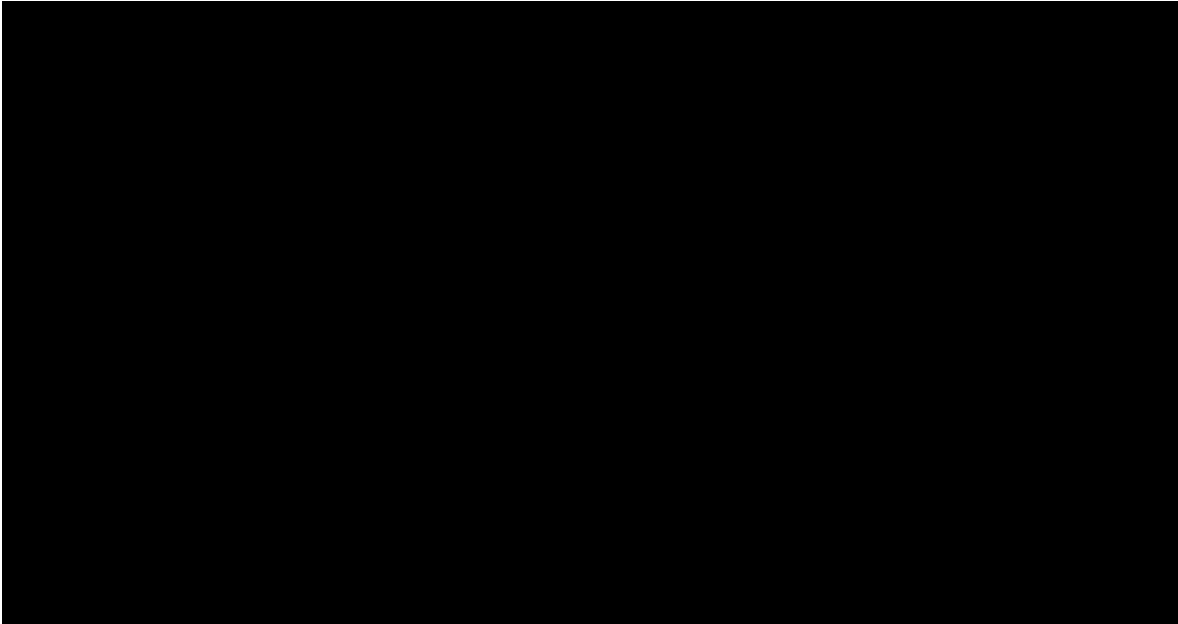
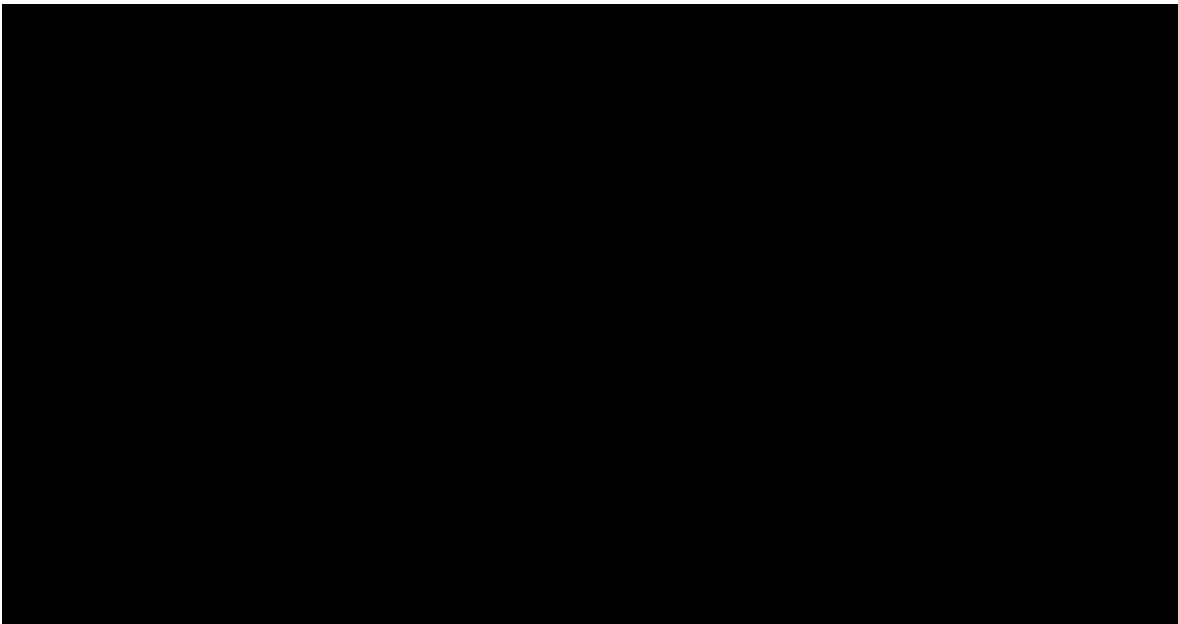


Figure 3 Scenario A - Kinbasket Reservoir Elevation for Next Three Years 2020 -2023



**Figure 4 Scenario B – Kinbasket Reservoir
Elevation for Next Three Years 2020-2023**

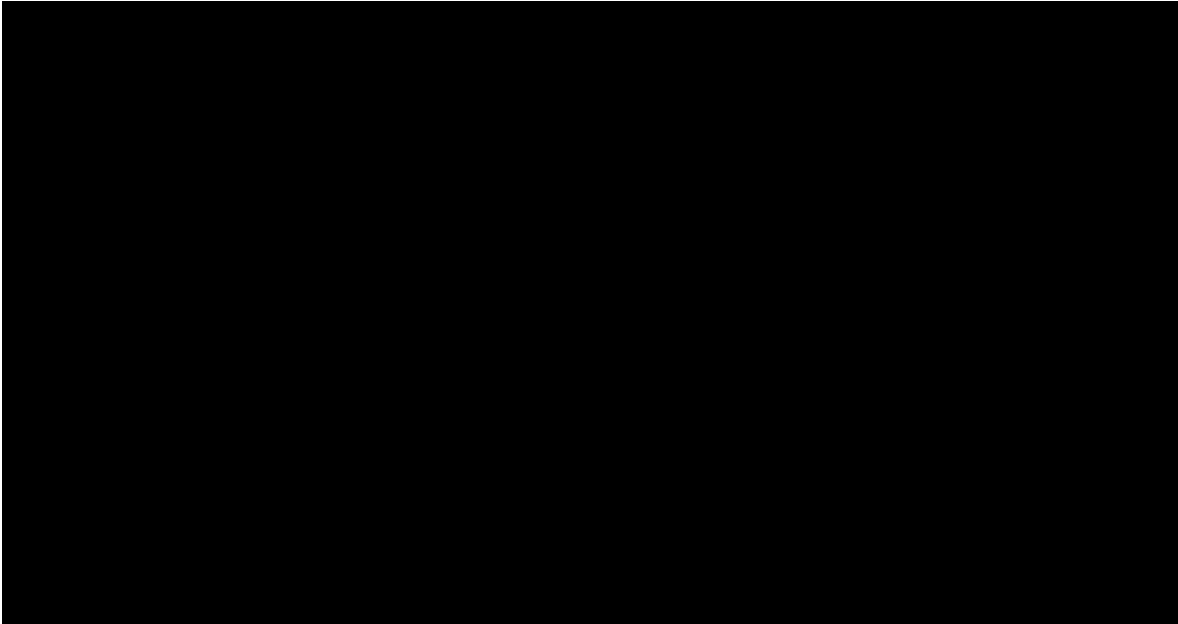


Figure 5 Williston Reservoir Elevation for Past Year 2019-2020

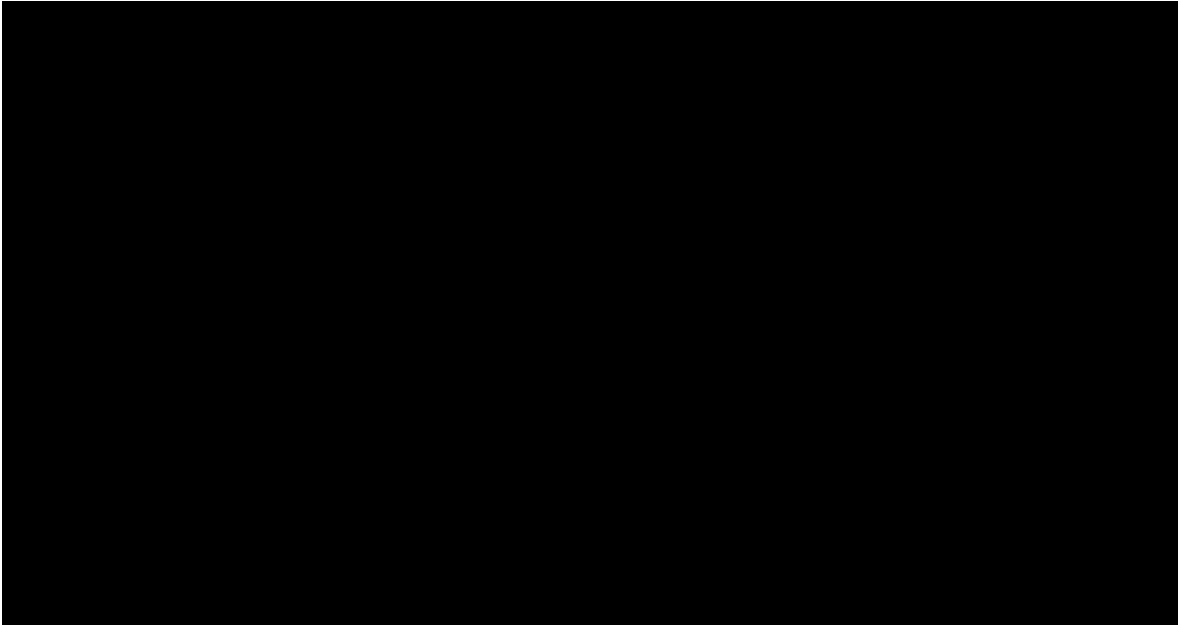
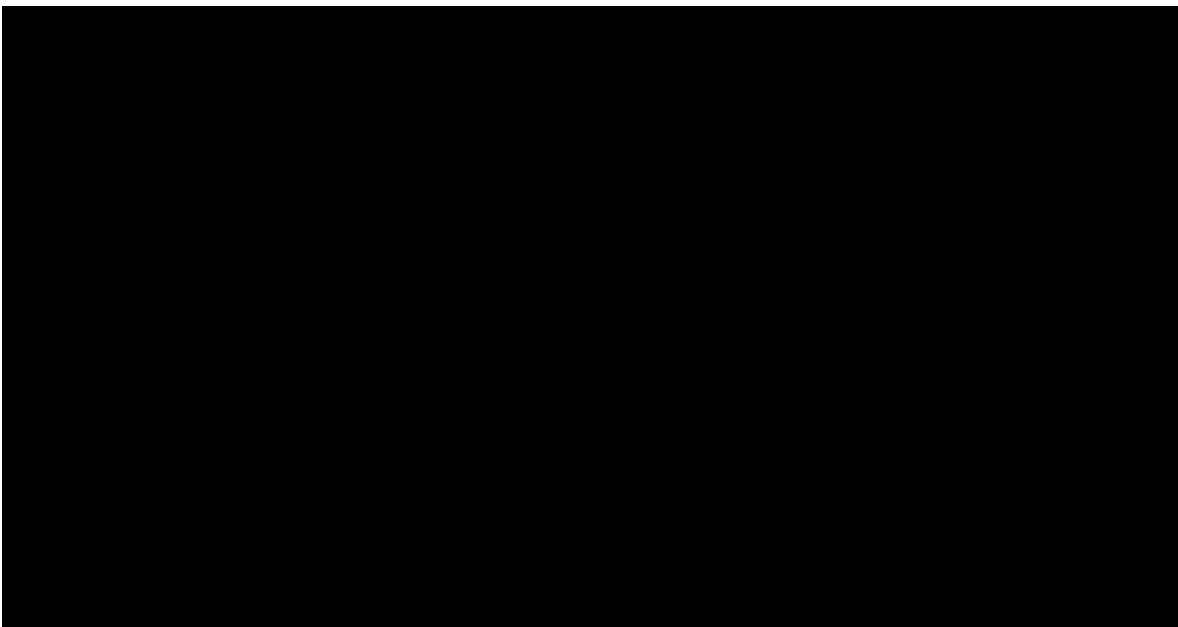
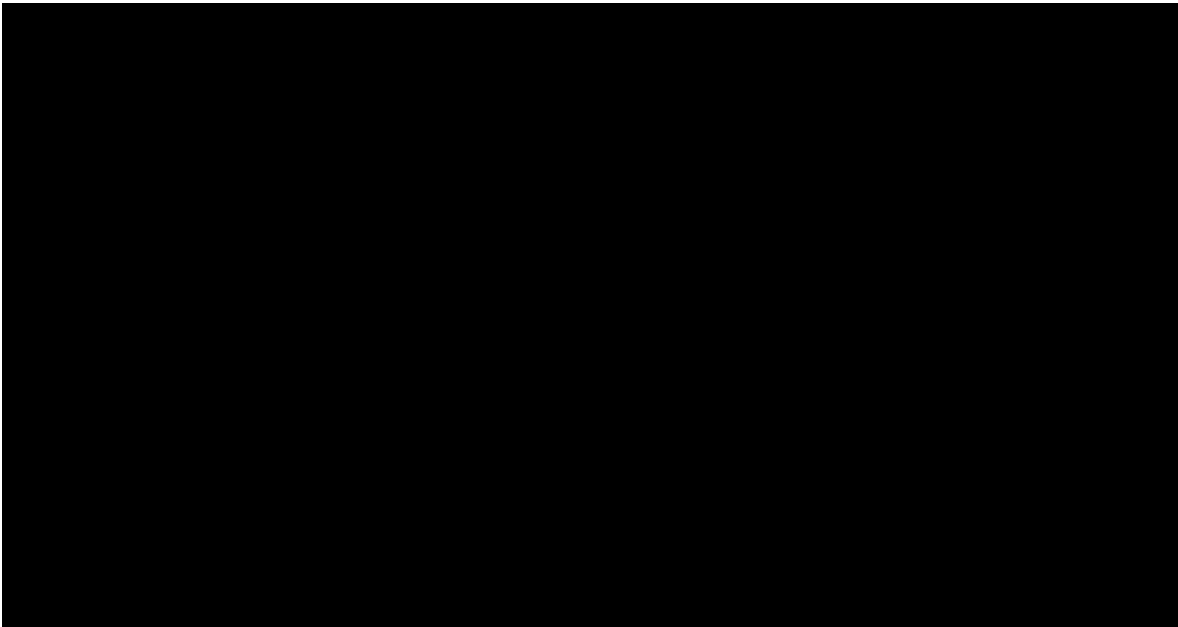


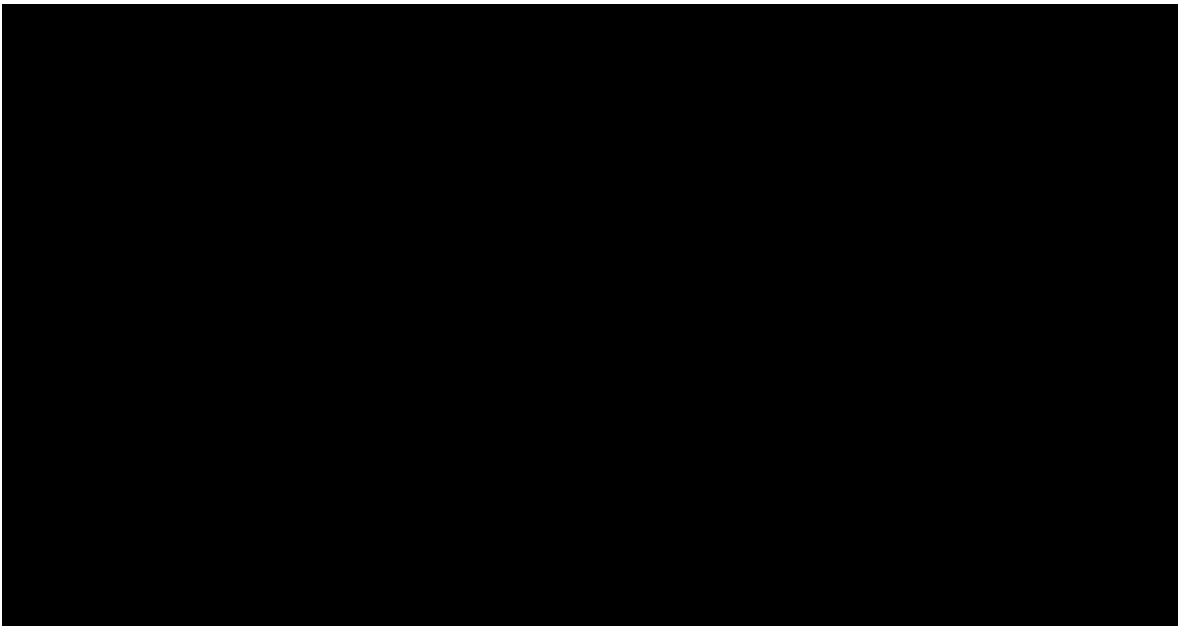
Figure 6 Williston Reservoir Elevation for Past Five Years 2015-2020



**Figure 7 Scenario A - Williston Reservoir
Elevation for Next Three Years
2020 - 2023**



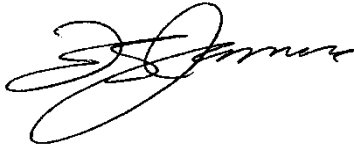
**Figure 8 Scenario B – Williston Reservoir
Elevation for Next Three Years 2020-2023**



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For further information, please contact the undersigned.

Yours sincerely,



Fred James
Chief Regulatory Officer

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