

From: [Rusty Ker](#)
To: [Site C Submissions BCUC:EX](#)
Subject: [Site C submission](#)
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Attachments: [image003.png](#)

Attention Secretary, BCUC

The challenge facing the BCUC is to weigh the cost of delivered Site C dispatchable power against competing renewable power sources.

Stored Hydro has an advantage in that environmental considerations affecting wind and solar have less effect as decades of weather statistics can identify streams with flows required to keep proposed reservoirs capable of generating power. Run of the river hydro plants are affected by the same environmental issues facing solar and wind due to seasonal low water flows.

Site C power must also be compared to other large hydro projects currently under review. The only stored Hydro project in the CEAA/EAO process is the More Creek dam project of Alaska Hydro Corporation in NW BC conveniently located within 11 kms of the recently constructed and underutilized Hwy 37 transmission line. This project has the substantial added benefit of increasing the power generation capability of the AltaGas Forrest Kerr RoR plant immediately downstream of More Creeks flow into the Iskut River. AltaGas has recently invested about \$1 Billion in three NW BC RoR plants. Ideally BCUC could compare the delivered cost of More Creek's dispatchable power to that of Site C.

Although a mandate issue could be a concern, the BCUC should consider the recent Alberta announcements regarding the closure of most of Alberta's coal power facilities by 2030 and what future effect this will have on power requirements and price in Western Canada. BC power is the most obvious replacement for the closed Alberta facilities and potential closure of US thermal coal power plants.

The Supreme Courts July 26th Chippewas of the Thames decision clearly places societal interests ahead of aboriginal issues and effectively removed any veto rights previously presumed by some indigenous groups. (Chippewas, at para. 59).

Hydro power from stored water is the dominant power source in BC now and in the future, the technology is well understood and our capable engineers and contractors are ready to design and build. BCUC should encourage not only the completion of Site C and More Creek and any other economic hydro dam project where other more valuable uses for the land loss are not identified.

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