

1.0 Reference: None

1.1.0 How much fresh water is required to operate the proposed power plant in gallons per minute, and what impact does this flow have on the summer and fall salmon spawning in the Nanaimo River? Specifically, what is the cost of providing alternative supplies to cover the shut down of the proposed power plant when the Federal Fisheries and Oceans Canada declares a water shortage in the Nanaimo River?

RESPONSE:

Please refer to the following public documents:

- **Application for a Project Approval Certificate: Vancouver Island Generation Project (June, 2002), Section 11.4 - Water Supply.**
- **Environmental Assessment Certificate E03-03, Schedule B, Area E – Water Supply.**

2.0 Reference: None

1.2.0 The consultant's report on the cost of a Municipality on Gabriola (Sussex Consultants Ltd., June 2004) was required to use a cost estimate 13 years in the future, in order to establish the long range cost to the taxpayers.

- Accordingly how much does B.C. Hydro expect to pay for power 13 years from C.O.D. including all capital, fuel, startup, and other costs?
- How much does B.C. Hydro estimate natural gas to cost at this 13 year point in time, given that peak natural gas future prices have been in the order of \$9.75 U.S./mmBTU (see attached)?
- Does the natural gas supply require a liquified natural gas storage plant, and what is the cost multiplier of this process?

RESPONSE:

- **BC Hydro used a simplified net present value (NPV) approach to assess long-range costs, not a 13-year approach. Please see Section 2.9 of the CFT Report.**
- **For the annual gas prices used to evaluate the portfolios, please see Section 2.10 of the CFT Report and BC Hydro's response to BCUC IR 1.24.3.**
- **The natural gas supply does not require a liquid natural gas (LNG) storage plant.**

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3.0 Reference: None

- 1.3.0 Why has BC Hydro not implemented a program of concurrent load shedding in order to use the existing 2400 MW capacity of the Cheekeye to Dunsmuir power line?

RESPONSE:

This Information Request is out of scope.

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4.0 Reference: None

1.4.0 Why has BC Hydro not planned to use the surplus gas turbines originally purchased for the Duke Point plant in the Burrard Thermal plant to generate the required power deficit?

RESPONSE:

This Information Request is out of scope.

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5.0 Reference: None

1.5.0 Some homes on Gabriola have dual meters, and a lower cost on an interruptible supply.

- Does BC Hydro have any means of interrupting the supply other than the cumbersome method of sending meter readers out to shut off the meter at each house?
- Short power failures caused by the interrupters are not recorded on Gabriola. How many recorded power failures have there been on Gabriola in 1993?
- As the majority of Gabriola residents are used to power failures, how do we revive an interruptible power billing system?

RESPONSE:

This Information Request is out of scope.

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6.0 Reference: None

1.6.0 When is Gabriola going to get a natural gas piped supply, so that all the heat can be used in our homes, rather than straining it through an expensive and relatively inefficient power plant?

RESPONSE:

This Information Request is out of scope.

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7.0 Reference: None

1.7.0 What is the social cost of implementing the Duke Point power plant by ignoring a significant public input from previous hearings requesting other green alternatives?

RESPONSE:

This Information Request is out of scope.

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8.0 Reference: None

1.8.0 We note a recent Times Colonist press release proposing a 1110-MW capacity transmission line between Victoria and Port Angeles, in order to export the 'thousands of megawatts of renewable energy potential on the island'. The consensus of the engineering community is that the proposed project does not make economic sense. The conclusion is that the project must be driven by political considerations. Who is driving the project and why?

RESPONSE:

This Information Request is out of scope.