

5.0 Reference: None

1.5.33 In trying to understand the methodology of the analysis I would like some comparisons from active gas plants. So I am requesting some information about the performance of ICP.

- i) How much power was generated by ICP in each year since COD?
- ii) How does this performance compare to industry standard?
- iii) What is the NPV cost of power generated by ICP?
- iv) How does the tolling arrangement at ICP differ for that for Duke Point?
- v) How much gas price risk does BCH face from ICP?

RESPONSE:

1.5.33(i) How much power was generated by ICP in each year since COD?

Under the EPA with Calpine Island Cogeneration Limited Partnership (CICLP), BC Hydro is obligated to treat such information as confidential. In an average maintenance year, BC Hydro assumes it will receive annual generation of approximately 1900 GWh.

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1.5.33(ii) How does this performance compare to industry standard?

Under the EPA, BC Hydro is obligated to treat information related to CICLP in connection with the EPA as confidential. CICLP has permitted BC Hydro to disclose that ICP's availability since start of commercial operation has been 85% on an annual basis. For a general performance overview of gas-fired technologies and other resource types, please see the response to BCUC 1.44.2.

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1.5.33(iii) What is the NPV cost of power generated by ICP?

Under the EPA, BC Hydro is obligated to treat such information as confidential.

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1.5.33(iv) How does the tolling arrangement at ICP differ for that for Duke Point?

Under the EPA, BC Hydro is obligated to treat such information as confidential.

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1.5.33(v) How much gas price risk does BCH face from ICP?

BC Hydro purchases about 15 million GJ of gas for ICP on an annual basis. Every \$1/GJ (CAD) increase in the gas price translates into \$15 million in increased costs.