Integrated Resource Plan

Appendix 6D-2

Cluster Analysis Summary
Annual Energy Density
Excluded Projects from Density Analysis:
- Pumped Storage
- Thermal Gas
- Coal with CCS
- Bit C
- Resource Smart
- Projects in Exclusion Areas
Excluded Projects from Density Analysis:
- Pumped Storage
- Natural Gas
- Coal with CCS
- BRCC
- Penti Sun Smart
- Projects in Exclusion Areas

Legend
- Legally Protected Area
- Glacier
- BC Hydro Transmission Line
- Fortis BC Transmission Line
- Proposed NTL
- BC Hydro Substation
- Fortis BC Transmission Station
- Proposed BC Hydro Substation

Annual Energy Density
GWh/km²
- 0 - 0.05
- 0.05 - 0.1
- 0.1 - 0.2
- 0.2 - 0.4
- 0.4 - 0.6
- 0.6 - 0.8
- 0.8 - 1.0
- 1.0 - 2.0
- 2.0 - 2.4

Source: BC Hydro IRP, KWI, 2010

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Project No: 4780398
Date: May 2011

Annual Energy Density
< $600/MWh
At-Gate UEC (6%)

Figure 2
Excluded Projects from Density Analysis:
- Pumped Storage
- Natural Gas
- Coal with CCS
- BtuC
- Bioenergy
- Projects in Exclusion Areas

Legend:
- Legally Protected Area
- Glacier
- BC Hydro Transmission Line
- Fortis BC Transmission Line
- Proposed NTL
- BC Hydro Substation
- Fortis BC Transmission Station
- Proposed BC Hydro Substation

Annual Energy Density (GWh/km²)

- 0 - 0.06
- 0.06 - 0.1
- 0.1 - 0.2
- 0.2 - 0.4
- 0.4 - 0.6
- 0.6 - 0.8
- 0.8 - 1.0
- 1.0 - 2.0
- 2.0 - 2.4


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Project No: 4780398
Date: May 2011

Annual Energy Density
< $200/MWh
At-Gate UEC (6%)

May 2011

BC hydro
Excluded Projects from Density Analysis:
- Pumped Storage
- Natural Gas
- Coal with CCS
- BitC
- Resistance Smart
- Projects in Exclusion Areas

Annual Energy Density
GWh/akm²
- 0 - 0.05
- 0.05 - 0.1
- 0.1 - 0.2
- 0.2 - 0.4
- 0.4 - 0.6
- 0.6 - 0.8
- 0.8 - 1.0
- 1.0 - 2.0
- 2.0 - 2.4

Source: BC Hydro IRP, KWL 2010.

Annual Energy Density
< $100/MWh
At-Gate UEC (6%)

Figure 5