Integrated Resource Plan

Appendix 6D-3

Cluster Analysis Summary
Capacity Density
Excluded Projects from Density Analysis:
- Pumped Storage
- Natural Gas
- Coal with CCS
- BitC
- Reassurance 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

Capacity Density
MW/km²
- 0 - 0.02
- 0.02 - 0.04
- 0.04 - 0.06
- 0.06 - 0.08
- 0.08 - 0.1
- 0.1 - 0.15
- 0.15 - 0.2
- 0.2 - 0.45
- 0.45 - 0.6
- 0.6 - 7.9

Excluded Projects from Density Analysis:
- Pumped Storage
- Natural Gas
- Coal with CCS
- DJeC
- Relevance Smart
- Projects in Exclusion Areas

Capacity Density

MW/km²

0 - 0.02
0.02 - 0.04
0.04 - 0.06
0.06 - 0.08
0.08 - 0.1
0.1 - 0.15
0.15 - 0.2
0.2 - 0.45
0.45 - 0.6
0.6 - 7.9

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

Source: BC Hydro IRP, KWR, 2010.

Figure 7

Integrated Resource Plan Appendix 6D-3

November 2013
Excluded Projects from Density Analysis:
- Pumped Storage
- Natural Gas
- Coal with CCS
- BitC
- Restorative Smart
- Projects in Exclusion Areas

Sources:
- BC Hydro IIP, KMLA 2012
-Projected NTL

Capacity Density
MW/km
- 0.00 - 0.02
- 0.02 - 0.04
- 0.04 - 0.06
- 0.06 - 0.08
- 0.08 - 0.1
- 0.1 - 0.15
- 0.15 - 0.2
- 0.2 - 0.45
- 0.45 - 0.6
- 0.6 - 0.79

Project No: 476898
Date: May 2011

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