

MANITOBA HYDRO

2012/13 & 2013/14 ELECTRIC GENERAL RATE APPLICATION

UNDERTAKING PROVIDED BY: D. CORMIE

Manitoba Hydro Undertaking #4

Provide an analysis of the number of days where peak load is over 3500 megawatts.

Response

Figure 1 depicts an analysis of Manitoba domestic load (at generation) for the winter of 2012/13 (November through March). The chart reflects the range of loads that could occur assuming the last 60 years of winter temperatures.

The 3,500 MW load threshold is depicted by the horizontal green line.

The chart indicates that domestic load will be above 3,500 MW between 1,000 and 2,150 hours depending upon the severity of the winter. Under median conditions domestic load will exceed 3,500 MW for 1,500 hours.

Figure 1- 2012/13 Manitoba domestic load at generation vs. hours exceeded.

