

1 Q. Consumer Question: Figure 6 of the main submission of November 10, 2011
2 provides the hourly demand profile used in the CPW analysis. Can this be
3 confirmed that this is a 2010 hourly demand profile?
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6 A. This is not a 2010 hourly demand profile. This profile was developed by examining
7 hourly readings from a number of years and deriving a representative year. Next, a
8 representative week for each month was derived. As shown in *Exhibit 2 – Annual*
9 *Load Shape*, each month is represented by a typical week of 168 hours. The hourly
10 loads in each week are per-unitized (pu); i.e. the peak hour of each week is made
11 equal to 10,000 (or 9,999) and the other hours expressed in relation to the peak. In
12 the *Strategist* generation expansion model, the monthly peaks are entered as a
13 percentage of the annual peak.
14

15 Hourly Load = Annual Peak X pu Monthly Peak X pu hourly peak