1 **Q.   Reference: CA-NP-234**
2
3   **Please provide the ratio of the reduction in peak demand the reduction in average**
4   **demand for each of the programs listed in CA-NP-234 and for the programs in total.**
5
6 A.   The ratio of the reduction in peak demand to the reduction in average demand for each of
7   the programs listed in the response to Request for Information CA-NP-234 and for the
8   programs in total is provided in Table 1.[1]
9
10

Table 1
Conservation Programs Impact[2]
Ratio of Reduction in Peak Demand to Reduction in Average Demand
2016 and 2017

	2016	**2017**
Residential		
Insulation	2.7	2.7
Thermostats	2.7	2.7
Instant Rebates	1.8	1.8
Appliances and Electronics[3]	-	-
Benchmarking	1.6	1.6
Heat Recovery Ventilators	2.7	2.7
Commercial		
Business Efficiency	2.6	2.6
Total Impact[4]	**2.3**	**2.0**

11
12
13   The ratios shown in Table 1 vary between 1.6 and 2.7. The aggregate impact reflects the
14   mix of program impacts for each year. The impact in 2017 has a lower ratio primarily
15   due to the impact of the Benchmarking Program being a higher portion of the overall
16   impact.

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[1]   The ratio of peak demand to average demand is a reciprocal of load factor. A load factor is a ratio of average
       demand to peak demand. For example a program with a 50% load factor would have a ratio of 2.0.
[2]   Table 1 provides the impact from each of the programs' activities during each year.
[3]   There are no peak demand savings for appliances and electronics.
[4]   The corresponding demand and energy savings vary by program due to program load factors.