

UIEC Data Request 19.4

Class Cost of Service Allocation/Methodology & Procedures:

For each non-demand metered class for which peaks are inferred, please provide the size of the class sampled, when the sample was designed, how the sample was designed, the number of meters sampled for the class, and the location of the sample meters.

Response to UIEC Data Request 19.4

This request has been interpreted as seeking information on those schedules and classes where load peaks are derived from sample data. This includes both non-demand metered classes (residential class, schedule 023) as well as demand metered classes (schedule 006, irrigation).

The requested statistics associated with these samples are as follows:

Utah Residential Class

Size of Class Sampled:
When the sample was designed:
How the sample was designed:

451,856
1991, updated in 1999
Stratified random design, 4 strata,
stratification variable employed= average
monthly billed energy, sampling variable
employed=average monthly billed energy, ±
10% precision at the 90% confidence level.

The number of meters sampled:
Location of sample meters:

169
Beaver, Davis, Salt Lake, Summit, Utah,
Weber

Utah Commercial Schedule 023

Size of Class Sampled:
When the sample was designed:
How the sample was designed:

31,301
1990
Stratified random design, 3 strata,
stratification variable employed= average
monthly billed energy, sampling variable
employed=average monthly billed energy, ±
10% precision at the 90% confidence level.

The number of meters sampled:
Location of sample meters:

63
Beaver, Box Elder, Cache, Davis, Millard,
Salt Lake, San Juan, Uintah, Utah, Weber