

**2008 Load Impact Evaluation of California
Statewide Aggregator Demand Response
Programs**

Volume 1 : Ex Post and Ex Ante Report

Steven D. Braithwait, Daniel G. Hansen, and
David Armstrong

Christensen Associates Energy Consulting, LLC
4610 University Ave., Suite 700
Madison, WI 53705
(608) 231-2266

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Table of Contents

Abstract	1
Executive Summary	2
ES.1 Program resources	2
CBP	2
AMP	3
DRC	3
Program enrollment	3
ES.2 Evaluation methodology	4
ES.3 Detailed study findings – Ex Post Load Impacts	4
ES.4 Detailed study findings – Ex Ante Load Impacts	5
ES.5 Conclusions	5
1. Introduction and Purpose of the Study	6
2. Description of Resources Covered in the Study	7
2.1 Description of the aggregator programs	7
CBP	7
AMP	8
DRC	8
2.2 Participant characteristics	8
CBP	9
AMP and DRC	10
2.3 Program events.....	12
CBP	12
3. Study Methodology	14
3.1 Overview and questions addressed	14
3.1 Primary regression equation specifications	15
3.2 Uncertainty-Adjusted Load Impacts	15
4. Detailed Study Findings	16
4.1 CBP	16
4.1.1 PG&E	16
4.1.2 SCE	25
4.1.3 SDG&E	32
4.2 AMP (PG&E).....	41
4.3 DRC (SCE)	49
5. Ex Ante Load Impacts	57
5.1 Ex Ante Load Impact Requirements.....	57
5.2 Description of Methods.....	57
5.2.1 Development of Customer Groups	57
5.2.2 Development of Reference Loads and Load Impacts	58
5.3 Detailed Findings	61
5.3.1 Enrollment Forecasts	61
5.3.2 Reference Loads and Load Impacts	65
5.4 Sensitivity Analysis for TA/TI and AutoDR	82
6. Validity Assessment	85
7. Summary	86

Appendix A: SCE CBP Ex Ante Load Impact Tables A1
Appendix B: SCE DRC Ex Ante Load Impact TablesB1
Appendix C: SDG&E CBP Ex Ante Load Impact Tables C1
Appendix D: PG&E AMP Ex Ante Load Impact Tables..... D1
Appendix E: PG&E CBP Ex Ante Load Impact Tables.....E1

Figures

FIGURE 4.1: HOURLY LOADS AND LOAD IMPACTS – <i>PG&E CBP DO EVENT (JUNE 20)</i>	20
FIGURE 4.2: UNCERTAINTY-ADJUSTED LOAD IMPACTS – <i>PG&E CBP DO EVENT (JUNE 20)</i>	20
FIGURE 4.3: HOURLY LOADS AND LOAD IMPACTS – <i>PG&E CBP DA EVENT (AUGUST 14)</i>	23
FIGURE 4.4: UNCERTAINTY-ADJUSTED LOAD IMPACTS – <i>PG&E CBP DA EVENT (AUGUST 14)</i>	23
FIGURE 4.5: <i>PG&E TOTAL NOMINATED CBP LOAD, JUNE 20 EVENT</i>	24
FIGURE 4.6: <i>PG&E TOTAL NOMINATED CBP LOAD, AUGUST 14 EVENT</i>	25
FIGURE 4.7: HOURLY LOADS AND LOAD IMPACTS – <i>SCE CBP TYPICAL DA AND DO EVENT</i>	29
FIGURE 4.8: UNCERTAINTY-ADJUSTED LOAD IMPACTS – <i>SCE CBP TYPICAL DA AND DO EVENT</i>	29
FIGURE 4.9: <i>SCE CBP AVERAGE DAY-AHEAD EVENT DAYS</i>	30
FIGURE 4.10: <i>SCE CBP OCTOBER DAY-OF EVENT DAYS</i>	31
FIGURE 4.11: HOURLY LOADS AND LOAD IMPACTS – <i>SDG&E CBP DA EVENT (JULY 9)</i>	36
FIGURE 4.12: UNCERTAINTY-ADJUSTED LOAD IMPACTS – <i>SDG&E CBP DA EVENT (JULY 9)</i>	36
FIGURE 4.13: HOURLY LOADS AND LOAD IMPACTS – <i>SDG&E DO CBP EVENT (OCT. 1)</i>	39
FIGURE 4.14: UNCERTAINTY-ADJUSTED LOAD IMPACTS – <i>SDG&E DO CBP EVENT (OCT. 1)</i>	39
FIGURE 4.15: <i>SDG&E JULY 9 DAY-AHEAD EVENT</i>	40
FIGURE 4.16: <i>SDG&E OCTOBER 1 DAY-OF EVENT</i>	41
FIGURE 4.17: HOURLY LOADS AND LOAD IMPACTS – <i>PG&E AVERAGE DA & DO AMP EVENT</i>	45
FIGURE 4.18: UNCERTAINTY-ADJUSTED LOAD IMPACTS – <i>PG&E AVERAGE DA & DO AMP EVENT</i>	45
FIGURE 4.19: HOURLY LOADS AND LOAD IMPACTS – <i>PG&E AMP EVENT 3 (AUG. 14)</i>	46
FIGURE 4.20: <i>AMP TOTAL LOAD – MAY 16 EVENT AND JUNE 20 NON-EVENT</i>	48
FIGURE 4.21: <i>AMP TOTAL LOAD – AUGUST 14 EVENT</i>	49
FIGURE 4.22: HOURLY LOADS AND LOAD IMPACTS – <i>TYPICAL SCE DRC DA & DO EVENT</i>	54
FIGURE 4.23: UNCERTAINTY-ADJUSTED LOAD IMPACTS – <i>TYPICAL SCE DRC DA & DO EVENT</i>	54
FIGURE 4.24: <i>DRC LOAD IMPACTS – AUGUST 27 DA EVENT DAY</i>	55
FIGURE 4.25: <i>SCE DRC AVERAGE OF DAY-AHEAD EVENTS 7 - 17</i>	56
FIGURE 4.26: <i>SCE DRC DAY-OF EVENT – JULY 8, 2008</i>	56
FIGURE 5.1: ENROLLMENT FORECASTS – <i>PG&E CBP</i>	62
FIGURE 5.2: ENROLLMENT FORECASTS – <i>SCE CBP</i>	62
FIGURE 5.3: ENROLLMENT FORECASTS – <i>SDG&E CBP</i>	63
FIGURE 5.4: EXPECTED CONTRACT AMOUNTS – <i>SCE DRC</i>	64
FIGURE 5.5: ENROLLMENT FORECASTS – <i>PG&E AMP</i>	64
FIGURE PG&E CBP 1: HOURLY EVENT DAY LOAD IMPACTS FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR AUGUST 2012	66
FIGURE PG&E CBP 2: SHARE OF LOAD IMPACTS BY LCA FOR THE AUGUST 2012 PEAK DAY IN A 1-IN-2 WEATHER YEAR	67
FIGURE PG&E CBP 3: SHARE OF LOAD IMPACTS BY INDUSTRY GROUP FOR THE AUGUST 2012 PEAK DAY IN A 1-IN-2 WEATHER YEAR	67
FIGURE PG&E CBP 4: LOAD IMPACTS BY YEAR FOR THE AUGUST PEAK DAY IN A 1-IN-2 WEATHER YEAR	68
FIGURE SCE CBP 1: HOURLY EVENT DAY LOAD IMPACTS FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	69
FIGURE SCE CBP 2: SHARE OF LOAD IMPACTS BY LCA FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	69
FIGURE SCE CBP 3: SHARE OF LOAD IMPACTS BY INDUSTRY GROUP FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	70
FIGURE SCE CBP 4: AVERAGE EVENT-HOUR LOAD IMPACTS BY FORECAST YEAR AND WEATHER SCENARIO FOR THE TYPICAL EVENT DAY	70
FIGURE SCE CBP 5: AVERAGE EVENT-HOUR LOAD IMPACTS BY MONTH FOR EACH PEAK LOAD DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	71
FIGURE SDG&E CBP 1: HOURLY EVENT DAY LOAD IMPACTS FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2011 AND BEYOND, PROGRAM LEVEL	72
FIGURE SDG&E CBP 2: HOURLY EVENT DAY LOAD IMPACTS FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2011 AND BEYOND, PORTFOLIO LEVEL	73

FIGURE SDG&E CBP 3: SHARE OF LOAD IMPACTS BY INDUSTRY GROUP FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2011 AND BEYOND	73
FIGURE SDG&E CBP 4: AVERAGE EVENT-HOUR LOAD IMPACTS BY FORECAST YEAR AND WEATHER SCENARIO FOR THE TYPICAL EVENT DAY	74
FIGURE SDG&E CBP 5: AVERAGE EVENT-HOUR LOAD IMPACTS BY MONTH FOR EACH PEAK LOAD DAY IN A 1-IN-2 WEATHER YEAR FOR 2011 AND BEYOND	75
FIGURE PG&E AMP 1: HOURLY EVENT DAY LOAD IMPACTS FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR AUGUST 2012	76
FIGURE PG&E AMP 2: SHARE OF LOAD IMPACTS BY LCA FOR THE AUGUST 2012 PEAK DAY IN A 1-IN-2 WEATHER YEAR	77
FIGURE PG&E AMP 3: SHARE OF LOAD IMPACTS BY INDUSTRY GROUP FOR THE AUGUST 2012 PEAK DAY IN A 1-IN-2 WEATHER YEAR	77
FIGURE PG&E AMP 4: AVERAGE EVENT-HOUR LOAD IMPACTS BY FORECAST YEAR AND WEATHER SCENARIO FOR THE AUGUST PEAK DAY	78
FIGURE SCE DRC 1: HOURLY EVENT DAY LOAD IMPACTS FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	79
FIGURE SCE DRC 2: SHARE OF LOAD IMPACTS BY LCA FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	80
FIGURE SCE DRC 3: SHARE OF LOAD IMPACTS BY INDUSTRY GROUP FOR THE TYPICAL EVENT DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	80
FIGURE SCE DRC 4: AVERAGE EVENT-HOUR LOAD IMPACTS BY FORECAST YEAR AND WEATHER SCENARIO FOR THE TYPICAL EVENT DAY	81
FIGURE SCE DRC 5: AVERAGE EVENT-HOUR LOAD IMPACTS BY MONTH FOR EACH PEAK LOAD DAY IN A 1-IN-2 WEATHER YEAR FOR 2012 AND BEYOND	82

Tables

TABLE ES.1: AGGREGATOR PROGRAM ENROLLMENT (<i>CUSTOMER ACCOUNTS</i>).....	3
TABLE ES.2: AGGREGATOR PROGRAM ENROLLMENT (<i>MW OF MAXIMUM DEMAND</i>).....	4
TABLE ES.3: SUMMARY OF CBP, AMP AND DRC AVERAGE HOURLY LOAD IMPACTS (MW)	5
TABLE ES.4: SUMMARY OF AVERAGE HOURLY EX ANTE LOAD IMPACTS (MW) FOR THE AGGREGATOR DR PROGRAMS IN PY 2012.....	5
TABLE 2.1: INDUSTRY GROUP DEFINITION	8
TABLE 2.2: CBP ENROLLMENT BY INDUSTRY GROUP – <i>PG&E</i>	9
TABLE 2.3: CBP ENROLLMENT BY INDUSTRY GROUP – <i>SCE</i>	9
TABLE 2.4: CBP ENROLLMENT BY INDUSTRY GROUP – <i>SDG&E</i>	10
TABLE 2.5: CBP ENROLLMENT BY LOCAL CAPACITY AREA – <i>PG&E</i>	10
TABLE 2.6: CBP ENROLLMENT BY LOCAL CAPACITY AREA – <i>SCE</i>	10
TABLE 2.7: AMP ENROLLMENT BY INDUSTRY GROUP.....	11
TABLE 2.8: AMP ENROLLMENT BY LOCAL CAPACITY AREA	11
TABLE 2.9: DRC ENROLLMENT BY INDUSTRY GROUP	11
TABLE 2.10: DRC ENROLLMENT BY LCA	12
TABLE 2.11: PG&E CBP EVENTS – 2008	12
TABLE 2.12: SCE CBP EVENTS – 2008	13
TABLE 2.13: SDG&E CBP EVENTS – 2008	13
TABLE 2.14: AMP (PG&E) EVENTS – 2008	13
TABLE 2.15: DRC (SCE) EVENTS – 2008	14
TABLE 4.1: PG&E CBP AVERAGE HOURLY LOAD IMPACTS, BY INDUSTRY GROUP (kW).....	17
TABLE 4.2: PG&E CBP 2008 AVERAGE HOURLY LOAD IMPACTS, BY LCA (kW).....	17
TABLE 4.3A: AGGREGATE HOURLY LOAD IMPACTS – <i>PG&E CBP DO EVENT (JUNE 20)</i>	18
TABLE 4.3B: PER CUSTOMER HOURLY LOAD IMPACTS – <i>PG&E CBP DO EVENT (JUNE 20)</i>	19
TABLE 4.4A: AGGREGATE HOURLY LOAD IMPACTS – <i>PG&E CBP DA EVENT (AUGUST 14)</i>	21
TABLE 4.4B: PER CUSTOMER HOURLY LOAD IMPACTS – <i>PG&E CBP DA EVENT (AUGUST 14)</i>	22
TABLE 4.5: CBP AVERAGE HOURLY LOAD IMPACTS BY EVENT (kW) – <i>SCE</i>	26
TABLE 4.6: CBP AVERAGE HOURLY LOAD IMPACTS BY INDUSTRY TYPE – <i>SCE</i>	26
TABLE 4.7: CBP AVERAGE HOURLY LOAD IMPACTS BY LCA – <i>SCE</i>	26
TABLE 4.8A: AGGREGATE HOURLY LOAD IMPACTS – <i>SCE CBP TYPICAL DA AND DO EVENT</i>	27
TABLE 4.8B: PER CUSTOMER HOURLY LOAD IMPACTS – <i>SCE CBP TYPICAL DA AND DO EVENT</i>	28
TABLE 4.9: SCE CBP TA/TI EFFECTS	32
TABLE 4.10: SDG&E CBP 2008 AVERAGE HOURLY LOAD IMPACTS (kW)	32
TABLE 4.11: AVERAGE HOURLY PERCENT LOAD IMPACTS PER CUSTOMER, <i>BY TI PARTICIPATION</i>	33
TABLE 4.12A: AGGREGATE HOURLY LOAD IMPACTS – <i>SDG&E CBP DA EVENT (JULY 9)</i>	34
TABLE 4.12B: PER CUSTOMER HOURLY LOAD IMPACTS – <i>SDG&E CBP DA EVENT (JULY 9)</i>	35
TABLE 4.13A: AGGREGATE HOURLY LOAD IMPACTS – <i>SDG&E DO CBP EVENT (OCT. 1)</i>	37
TABLE 4.13B: PER CUSTOMER HOURLY LOAD IMPACTS – <i>SDG&E DO CBP EVENT (OCT. 1)</i>	38
TABLE 4.14: AVERAGE HOURLY LOAD IMPACTS (kW) BY INDUSTRY GROUP – <i>PG&E AMP</i>	41
TABLE 4.15: AVERAGE HOURLY LOAD IMPACTS (kW) BY LCA – <i>PG&E AMP</i>	42
TABLE 4.16A: AGGREGATE HOURLY LOAD IMPACTS – <i>PG&E AVERAGE DA AND DO AMP EVENT</i>	43
TABLE 4.16B: PER CUSTOMER HOURLY LOAD IMPACTS – <i>PG&E AVERAGE DA AND DO AMP EVENT</i>	44
TABLE 4.17: DRC AVERAGE HOURLY LOAD IMPACTS BY EVENT (kW)	50
TABLE 4.18: AVERAGE HOURLY LOAD IMPACTS (kW) FOR TYPICAL EVENT, BY INDUSTRY GROUP – <i>SCE DRC</i>	50
TABLE 4.19: AVERAGE HOURLY LOAD IMPACTS (kW) FOR TYPICAL EVENT, BY LCA – <i>DRC</i>	50
TABLE 4.20A: AGGREGATE HOURLY LOAD IMPACTS – <i>TYPICAL SCE DRC DA & DO EVENT</i>	52
TABLE 4.20B: PER CUSTOMER HOURLY LOAD IMPACTS – <i>TYPICAL SCE DRC DA & DO EVENT</i>	53
TABLE 5.1: WEATHER YEAR DEFINITIONS BY UTILITY	59
TABLE 5.2: SCE DR CONTRACTS ENROLLMENT ASSUMPTIONS.....	61
TABLE 7.1: SUMMARY OF AVERAGE HOURLY EX POST LOAD IMPACTS (MW) FOR THE AGGREGATOR DR PROGRAMS IN PY 2008	86
TABLE 7.2: SUMMARY OF AVERAGE HOURLY EX ANTE LOAD IMPACTS (MW) FOR THE AGGREGATOR DR PROGRAMS IN PY 2012	86

Abstract

This report documents the results of an ex post and ex ante load impact evaluation of aggregator demand response (DR) programs operated by the three California investor-owned utilities (IOUs), Pacific Gas and Electric (PG&E), Southern California Edison (SCE), and San Diego Gas and Electric (SDG&E), for Program Year 2008. Ex post hourly load impacts are estimated for each program and event, using regression analysis of hourly individual customer load, weather, and event data. Ex ante load impacts for 2009 through 2020 are simulated using load profiles and load impacts generated from the Program Year 2008 data, along with enrollment forecasts provided by the utilities.

Executive Summary

This report documents the results of a load impact evaluation of aggregator demand response (“DR”) programs operated by the three California investor-owned utilities (IOUs), Pacific Gas and Electric (“PG&E”), Southern California Edison (“SCE”), and San Diego Gas and Electric (“SDG&E”). An ex post load impact analysis was performed for Program Year 2008 and an ex ante forecast was developed for 2009 through 2020. In these programs, aggregators contract with commercial and industrial customers to act on their behalf with respect to all aspects of the DR program, including receiving notices from the utility, arranging for load reductions on event days, receiving incentive payments, and paying penalties (if warranted) to the utility. Each aggregator forms a “portfolio” of individual customers such that their aggregated load participates in the DR programs.

The scope of this evaluation covers three price-responsive programs, including the state-wide Capacity Bidding Program (“CBP”) operated by all three IOUs, Aggregator Managed Portfolio (“AMP”) operated by PG&E, and Demand Response Resource Contracts (“DRC”), operated by SCE.

The primary goals of this evaluation study were the following:

1. Assess the effectiveness of the aggregator programs;
2. Estimate the (*ex post*) load impacts for program year 2008;
3. Estimate *ex ante* load impacts for the programs for 2009 through 2020; and
4. Evaluate certain baseline issues.

ES.1 Program resources

CBP

The statewide CBP program is a tariff service that provides monthly capacity payments (\$/kW) based on amounts of load reductions that participating aggregators elect each month, plus additional energy payments (\$/kWh) based on the actual kWh reductions (relative to the program baseline) that are achieved when an event is called.¹ Participants may adjust their nomination each month, as well as their choice of available event type and window options (*e.g.*, *day-ahead* or *day-of* events, and 4-hour, 6-hour or 8-hour event lengths). CBP events may be called on non-holiday weekdays in the months of May through October, between the hours of 11 a.m. and 7 p.m. Baseline loads, which serve as the basis for calculating load reductions for settlement, are calculated on the summed loads of an aggregated group of customers, based on the “highest 3-in-10” method.

Each utility has about five or six aggregator agreements under CBP. Aggregators may offer products that differ by time of notification (*e.g.*, *day-of* or *day-ahead*) and length of event window. In 2008, PG&E and SDG&E each called one day-of and one day-ahead event, while SCE called twenty day-ahead events and two day-of events.

¹ Capacity penalties apply if events are called in a month and measured load reductions fall below 50 percent of nominated amounts.

AMP

Under AMP, aggregators enter bilateral contracts with PG&E, and may create their own aggregated DR program by which participating customers achieve load reductions. Up to 50 hours of events may be called each year, during the hours of 11 a.m. and 7 p.m. The baseline method uses the 3-in-10 method, except that for 2008, PG&E and three of five aggregators agreed to modify contracts to offer customers the option of an adjusted baseline, where the adjustment used data on pre-event usage on event days to adjust the baseline load. PG&E called five AMP events, all but one of them test or re-test events. All five aggregators were called simultaneously for only two of the events.

DRC

The terms of SCE's DRC are similar to those of its CBP program. Four aggregators offered a combination of three day-of contracts and two day-ahead contracts in 2008. SCE called twenty-one DRC events, three of which were day-of, and the remainder day-ahead.

Program enrollment

Tables ES.1 and ES.2 summarize 2008 program enrollment in terms of number of customer service accounts (SA IDs) and maximum demand, across all five aggregator programs at the three utilities.² Each program has attracted a large number of retail stores, while AMP has enrolled a large share of manufacturers, and DRC has enrolled hundreds of water utilities.

Table ES.1: Aggregator Program Enrollment (*Customer Accounts*)

Industry type	CBP			AMP	DRC
	PG&E	SCE	SDG&E	PG&E	SCE
1. Ag., Mining, Constr.	9	na	2	100	8
2. Manufacturing	25	19	49	172	59
3. Whole., Trans., Util.	73	12	15	93	825
4. Retail	317	563	173	105	358
5. Offices, hotels, services	180	39	54	113	89
6. Schools	47	na	5	39	22
7. Instit. & Govt.	104	5	54	19	34
8. Other/Unknown	11				
TOTAL	766	638	352	641	1,395

² Note that the maximum demand values are provided to illustrate the size, or scale of the total load of enrolled customers. It does not reflect "subscribed demand", which is a measure of potential load impacts.

Table ES.2: Aggregator Program Enrollment (*MW of Maximum Demand*)

Industry type	CBP			AMP	DRC
	PG&E	SCE	SDG&E	PG&E	SCE
1. Ag., Mining, Constr.	6.3	na	3.8	47.0	4.0
2. Manufacturing	29.1	9.5	29.4	217.7	42.9
3. Whole., Trans., Util.	19.3	6.7	8.4	77.4	254.4
4. Retail	88.5	164.5	44.2	56.7	159.6
5. Offices, hotels, services	46.1	9.5	11.3	90.4	35.4
6. Schools	32.1	na	6.9	30.1	34.0
7. Instit. & Govt.	11.8	0.9	6.8	12.6	7.4
8. Other/Unknown	1.2				
TOTAL	234.3	201.5	110.6	532.0	537.8

ES.2 Evaluation methodology

We developed direct estimates of total program-level load impacts for each program from the coefficients of individual customer regression equations. These equations were estimated over the summer months for 2008, using individual customer load data for all customer accounts enrolled in each program. In some cases, aggregate equations were also estimated, for diagnostic purposes and cross checking of results.

The regression equations were based on models of hourly loads as functions of a list of variables designed to control for factors such as:

- Seasonal and hourly time patterns (*e.g.*, month, day-of-week, and hour, plus various hour/day-type interactions)
- Weather (*e.g.*, daily CDD)
- Event indicators—Event indicators were interacted with hourly indicator variables to allow estimation of hourly load impacts for each event.

The resulting equations provide the capability of simulating hourly reference load profiles for various day-types and weather conditions, as well as measuring hourly load impacts on event days. In addition, the individual equations provide the capability to summarize load impacts by industry type and CAISO local capacity area, by adding across customers in any given category, and to analyze the effect of TA/TI participation. Finally, uncertainty-adjusted load impacts were calculated to illustrate the degree of uncertainty that exists around the estimated load impacts.

ES.3 Detailed study findings – Ex Post Load Impacts

Table ES.3 summarizes estimates of average hourly ex post load impacts for PY 2008 for the three utilities’ aggregator programs. These values represent the load impacts under the assumption that both typical *day-ahead* and *day-of* events are called.

Table ES.3: Summary of CBP, AMP and DRC Average Hourly Load Impacts (MW)

Program	PG&E	SCE	SDG&E	Total
CBP	22.2	15.5	16.4	54.1
AMP	64.9	-	-	64.9
DRC	-	34	-	34
Total	87.2	49.5	16.4	211.9

Analysis of the effect of TA/TI participation on load impacts for SDG&E’s CBP program, SCE’s CBP and DRC programs, and PG&E’s AMP program produced some evidence that TA/TI participation increased the percent load impacts for the customers who obtained technical assistance and incentives. In many cases, however, the number of TA/TI participants was quite small, and participation occurred prior to any 2008 events, thus limiting the degree to which formal analyses, particularly of the “before/after” type, could be undertaken.

ES 4 Detailed study findings – Ex Ante Load Impacts

Forecasts of ex ante load impacts were developed for each program. Reference loads were simulated for all of the scenarios required by the Protocols using the load data available from the 2008 program year. Forecast percentage load impacts by industry group were derived from the ex post load impact estimates. The per-customer reference loads and load impacts were scaled according to enrollment forecasts created by the utilities.

Table ES.4 summarizes the forecast ex ante load impact by utility and program for 2012. That year was selected because the majority of the enrollment forecasts are unchanged after that date. Load impacts are forecast to increase for all but SCE’s CBP program.

Table ES.4: Summary of Average Hourly Ex Ante Load Impacts (MW) for the Aggregator DR Programs in PY 2012

Program	PG&E	SCE	SDG&E	Total
CBP	43	13	27	83
AMP	159	-	-	159
DRC	-	117	-	117
Total	202	130	27	359

ES 5 Conclusions

The individual customer regression equations appeared to work well in providing the capability to develop both ex post and ex ante load impact estimates and providing the capability of summing across different customer types, to produce load impacts by industry type and local capacity area. They also provided information that could be used as the basis for estimating the incremental effect of TA/TI participation.

1. Introduction and Purpose of the Study

This report documents the results of an evaluation of aggregator demand response (“DR”) programs operated by the three California investor-owned utilities (IOUs), Pacific Gas and Electric (“PG&E”), Southern California Edison (“SCE”), and San Diego Gas and Electric (“SDG&E”). An ex post analysis was performed for Program Year 2008 and an ex ante forecast was developed for 2009 through 2020. In these programs, aggregators contract with commercial and industrial customers to act on their behalf with respect to all aspects of the DR program, including receiving notices from the utility, arranging for load reductions on event days, receiving incentive payments, and paying penalties (if warranted) to the utility. Each aggregator forms a “portfolio” of individual customers such that their aggregated load participates in the DR programs. Aggregators receive both *capacity credits* for monthly nominated load reductions, regardless of whether events are called, and *energy payments* based on measured load reductions during events.

The scope of this evaluation covers three price-responsive programs, including the state-wide Capacity Bidding Program (CPB), a tariff service operated by all three IOUs, Aggregator Managed Portfolio (AMP) operated by Pacific Gas and Electric (PG&E), and Demand Response Resource Contracts (DRC), operated by Southern California Edison (SCE). The latter two programs are implemented through bilateral contracts between utilities and the aggregators.

The primary goals of this evaluation study were the following:

1. Assess the effectiveness of the aggregator programs;
2. Estimate the (*ex post*) load impacts for program year 2008;
3. Estimate *ex ante* load impacts for the programs for 2009 through 2020; and
4. Evaluate certain baseline issues.

The first goal involved a *process evaluation* consisting of interviews with program and aggregator staff, and surveys of participating customers, with the objective of assessing how effectively the programs have been administered and developing information on customer awareness and response to the programs. Results of the process evaluation are presented in Volume 3 of this report.

The second goal involved estimating the *hourly load impacts* for each event, for each of the utilities’ aggregator programs. Our primary approach involved estimating individual customer regressions, which provided a flexible basis for analyzing and reporting load impact results at various levels (*e.g.*, total program level) and by various factors (*e.g.*, by industry group and CAISO local capacity area).

The third goal involved combining the information on historical ex post load impacts with utility projections of program enrollment to produce *forecasts of load impacts through 2020* for each of the programs. Key issues involved the detail by which the ex ante load impact forecasts must be presented, including the number of customer types and sizes.

The last goal involved investigation of certain issues in measuring the *baseline loads* that are used to calculate aggregator load impacts for settlement purposes. Key issues included

assessing the relative accuracy of baselines developed at the aggregator level compared to those developed by summing individual customer-level baselines; assessing the effect of adjusting the baseline for differences in morning consumption on event days and on days used in constructing the baseline; assessing the degree to which gaming was avoided for those customers who selected the adjusted baseline approach; and assessing several alternatives to the current highest 3-in-10 baseline, including adjusted 5-in-10 and adjusted 10-in-10 baselines. The baseline analysis is documented in Volume 2 of this report.

After this introductory section, Section 2 describes the aggregator programs, including the characteristics of the enrolled customer accounts. Section 3 discusses evaluation methodology. Section 4 presents ex-post load impacts. Section 5 describes the ex ante load. Section 6 discusses validity assessment, and Section 7 offers recommendations.

2. Description of Resources Covered in the Study

This section summarizes the aggregator programs covered in this evaluation, including the characteristics of the participants in the programs.

2.1 Description of the aggregator programs

CBP

The CBP program is a tariff service that provides monthly capacity payments (\$/kW) based on amounts of load reductions that participating aggregators nominate each month, plus additional energy payments (\$/kWh) based on the actual kWh reductions (relative to the program baseline) that are achieved when an event is called. Capacity penalties apply if events are called in a month and measured load reductions fall below 50 percent of nominated amounts. Participants may adjust their nomination each month, as well as their choice of available event type and window options (*e.g.*, day-ahead (DA) or day-of (DO) events, and 4-hour or 6-hour event lengths). CBP events may be called on non-holiday weekdays in the months of May through October, between the hours of 11 a.m. and 7 p.m.

Baseline loads, which serve as the basis for calculating load reductions for settlement, are calculated on the summed loads of an aggregated group of customers, based on the “highest 3-in-10” method. That is, the hourly baseline load during the event period is the hourly average across the *three* highest energy-usage (during program hours) days for the group out of the *ten* weekdays prior to the event (excluding holidays and previous event days). The “actual” load reduction in each hour is determined as the difference between the baseline load and the observed aggregated load in that hour.

PG&E has six CBP aggregators, four of which offer day-ahead products and two of which offer both day-of and day-ahead products. SCE has six aggregator agreements, three of which offer day-of portfolios, two of which offer day-ahead portfolios, and one offers both. SDG&E has six CBP aggregators, four of which offer day-ahead products, one offers day-of products, and one offers both types.

AMP

PG&E has five AMP bilateral aggregator contracts. Four aggregators offer day-of products, while one offers day-ahead products. Under AMP, aggregators may create their own aggregated DR program by which participating customers achieve load reductions. Up to 50 hours of events may be called each year, during the hours of 11 a.m. and 7 p.m. The baseline method is the 3-in-10 method, except that for 2008, PG&E and three of five aggregators agreed to modify contracts to offer customers the option of an adjusted baseline. The adjustment used the ratio of usage in the four hours prior to the event to usage in the same hours for the ten weekdays used in the 3-in-10 baseline, where the objective was to produce more accurate baselines for weather-sensitive customers.

DRC

SCE has four DRC aggregators, which offered a combination of three day-of contracts and two day-ahead contracts in 2008. The terms of DRC are similar to those of SCE's CBP program.

2.2 Participant characteristics

In order to assess whether load impacts differ by customer type, the customers are categorized according to eight industry types. The following tables summarize the characteristics of the participating customer accounts in the aggregator programs, including industry type, local capacity area, and usage characteristics. Table 2.1 summarizes the industry groups and the corresponding North American Industry Classification System (NAICS) codes.

Table 2.1: Industry Group Definition

	NAICS Codes
Agriculture, Mining, Construction	11, 21, 23
Manufacturing	31, 32, 33
Wholesale, transportation, utilities	22, 42, 48-49
Retail	44, 45
Offices, hotel, services	51-56, 62, 72
Schools	61
Institutions, government	71, 81, 92

The participant tables show the following factors for each industry group and overall:

- Number of customers
- Total maximum demand (kW), equal to the sum of customers' individual maximum demands
- Total demand during weekday non-event peak periods (kW)
- The share of peak demand
- Coincidence factor – the ratio of peak demand to maximum demand
- Average customer peak demand (kW).

CBP

Tables 2.2 through 2.4 show CBP enrollment by industry type for PG&E, SCE and SDG&E. The values illustrate that Retail stores make up a large share of CBP enrollees at each of the utilities, especially SCE. At PG&E and SDG&E, Manufacturing, and Offices, Hotels, Finance and Services are also important groups.

The first column in the tables represents the number of customer service accounts. The second column, labeled “Sum of Max kW,” represents the sum of enrolled customers’ individual maximum demand values. The third column, labeled “Sum of Peak kW,” shows average demand during non-holiday summer weekday peak periods (hours ending 13-18) on non-event days. The fourth column indicates the share of peak kW by industry type. The fifth column shows the ratio of average peak demand to maximum demand (shown in column two), a measure of the coincidence of peak demand to maximum demand. These values vary substantially across industry types. They are generally lowest in industry groups 1 and 3, and highest in groups 4 and 5.

Table 2.2: CBP Enrollment by Industry group – PG&E

Industry type	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Coin. Factor	Ave. Size (Pk kW)
1. Ag., Mining, Constr.	9	6,254	4,084	3%	65%	434
2. Manufacturing	25	29,146	21,173	13%	73%	803
3. Whole., Trans., Util.	73	19,281	11,347	7%	59%	153
4. Retail	317	88,454	68,437	42%	77%	179
5. Offices, Hotels, Services	180	46,053	33,090	20%	72%	142
6. Schools	47	32,117	16,535	10%	51%	310
7. Instit. & Govt.	104	11,768	6,979	4%	59%	52
8. Other/Unknown	11	1,224	847	1%	69%	68
TOTAL	766	234,298	162,491		69%	180

Table 2.3: CBP Enrollment by Industry group – SCE

Industry type	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Coin. Factor	Ave. Size (kW)
1. Ag., Mining, Constr.	na	na	na	na	na	na
2. Manufacturing	19	9,509	5,772	4%	61%	304
3. Whole., Trans., Util.	12	6,650	3,512	2%	53%	293
4. Retail	563	164,522	127,368	84%	77%	226
5. Offices, hotels, services	39	9,500	6,839	5%	72%	175
6. Schools	na	na	na	na	na	na
7. Instit. & Govt.	5	878	703	0%	80%	141
TOTAL	641	201,541	151,462		75%	236

na = not available due to small cell count

Table 2.4: CBP Enrollment by Industry group – SDG&E

Industry type	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Coin. Factor	Ave. Size (kW)
1. Ag., Mining, Constr.	2	3,752	1,049	1%	28%	525
2. Manufacturing	49	29,357	16,730	22%	57%	341
3. Whole., Trans., Util.	15	8,363	3,235	4%	39%	216
4. Retail	173	44,215	36,175	48%	82%	209
5. Offices, hotels, services	54	11,300	8,520	11%	75%	158
6. Schools	5	6,877	4,062	5%	59%	812
7. Instit. & Govt.	54	6,779	4,921	7%	73%	91
TOTAL	352	110,642	74,692		68%	212

Tables 2.5 and 2.6 show CBP enrollment by CAISO Local Capacity Area (LCA) for PG&E and SCE.

Table 2.5: CBP Enrollment by Local Capacity Area – PG&E

Local Capacity Area	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Ave. Size (Pk kW)
1 Greater Bay Area	561	121,846	87,101	54%	126
2 Greater Fresno	20	13,545	7,458	5%	321
3 Humboldt	na	na	na	na	na
4 Kern	33	14,740	9,246	6%	263
5 Northern Coast	22	10,342	7,796	5%	301
6 Sierra	36	13,477	9,452	6%	214
7 Stockton	16	6,396	4,593	3%	244
8 Other	77	53,888	36,800	23%	445
Total	766	234,298	162,491		180

Table 2.6: CBP Enrollment by Local Capacity Area – SCE

LCA	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Ave. Size (kW)
LA_BASIN	488	150,810	114,435	76%	234
OUTSIDE LA	31	11,816	9,033	6%	291
Other	33	11,679	8,113	5%	246
VENTURA	89	27,237	19,882	13%	223
Total	641	201,541	151,462		236

AMP and DRC

Tables 2.7 through 2.10 show comparable enrollment information for PG&E’s AMP program and SCE’s DRC program. AMP has a large share of Manufacturing customers, while DRC has large shares in the Wholesale, Transportation and other Utilities, and Retail groups.

Table 2.7: AMP Enrollment by Industry group

Industry type	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Coin. Factor	Ave. Size (Pk kW)
1. Ag., Mining, Constr.	100	47,038	18,738	5%	40%	161
2. Manufacturing	172	217,742	149,167	43%	69%	803
3. Whole., Trans., Util.	93	77,396	43,713	13%	56%	450
4. Retail	105	56,682	42,499	12%	75%	321
5. Offices, Hotels, Services	113	90,449	63,749	19%	70%	443
6. Schools	39	30,085	17,487	5%	58%	387
7. Instit. & Govt.	19	12,562	8,859	3%	71%	396
TOTAL	641	531,953	344,212		65%	472

Table 2.8: AMP Enrollment by Local Capacity Area

Local Capacity Area	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Ave. Size (Pk kW)
1 Greater Bay Area	220	171,515	123,678	36%	456
2 Greater Fresno	125	77,803	44,171	13%	317
3 Humboldt	8	3,034	1,332	0%	160
4 Kern	16	22,297	13,496	4%	771
5 Northern Coast	52	26,949	15,673	5%	247
6 Sierra	40	19,359	11,570	3%	236
7 Stockton	22	16,989	9,943	3%	403
8 Other	158	194,007	124,350	36%	746
Total	641	531,953	344,212		472

Table 2.9: DRC Enrollment by Industry group

Industry type	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Coin. Factor	Ave. Size (kW)
1. Ag., Mining, Constr.	8	4,005	2,379	1%	59%	297
2. Manufacturing	59	42,879	26,267	8%	61%	445
3. Whole., Trans., Util.	825	254,444	135,034	42%	53%	164
4. Retail	358	159,626	110,084	34%	69%	307
5. Offices, hotels, services	89	35,413	22,503	7%	64%	253
6. Schools	22	34,026	23,376	7%	69%	1,063
7. Instit. & Govt.	34	7,400	3,223	1%	44%	95
TOTAL	1,395	537,792	322,867		60%	231

Table 2.10: DRC Enrollment by LCA

LCA	Count	Sum of Max kW	Sum of Peak kW	% of Peak kW	Ave. Size (kW)
LA_BASIN	1010	404,292	243,231	75%	241
OUTSIDE LA	245	67,824	40,966	13%	167
Other	69	32,597	18,898	6%	274
VENTURA	71	33,079	19,772	6%	278
Total	1,395	537,792	322,867		231

2.3 Program events

CBP

PG&E called two CBP event days in 2008, as shown in Table 2.11. One was a four-hour *day-of* event on June 20, and the other was a two-hour *day-ahead* test event on August 14. SCE called twenty-two events, two of which were day-of events, as shown in Table 2.12. The number of portfolios offered by the five CBP aggregators that were called varied somewhat by event, as did the hours called. The hours for the portfolio with the broadest window are shown in the “Hours” column. The hours common to each portfolio for each event are shown in the last column. SDG&E called a day-of and day-ahead event, as shown in Table 2.13.

Table 2.11: PG&E CBP Events – 2008

Date	Type	Event/Test	Hours
6/20/2008	DO	Event	HE 14-17
8/14/2008	DA	Test	HE 16-17

Table 2.12: SCE CBP Events – 2008

Event	Date	Type	Num. of Portfolios	Hours	Common Hours
1	07-Jul-08	DA	12	HE 13-17	14-17
2	08-Jul-08	DA	12	HE 13-17	14-17
3	09-Jul-08	DA	12	HE 14-17	14-17
4	10-Jul-08	DA	12	HE 14-17	14-17
5	14-Jul-08	DA	12	HE 14-17	14-17
6	05-Aug-08	DA	13	HE 14-17	14-17
7	06-Aug-08	DA	13	HE 14-17	14-17
8	07-Aug-08	DA	12	HE 15-17	15-17
9	11-Aug-08	DA	12	HE 16-17	16-17
10	12-Aug-08	DA	12	HE 16-17	16-17
11	27-Aug-08	DA	12	HE 15-16	15-16
12	28-Aug-08	DA	12	HE 15-17	15-17
13	29-Aug-08	DA	13	HE 14-17	14-17
14	03-Sep-08	DA	13	HE 15-17	15-17
15	04-Sep-08	DA	13	HE 15-17	15-17
16	05-Sep-08	DA	13	HE 15-17	15-17
17	26-Sep-08	DA	8	HE 16	16
18	01-Oct-08	DO	7	HE 17-18	17-18
19	06-Oct-08	DA	14	HE 14-18	14-17
20	13-Oct-08	DA	14	HE 13-19	15-18
21	20-Oct-08	DA	14	HE 13-19	15-18
22	23-Oct-08	DO	7	HE 15-17	15-17

Table 2.13: SDG&E CBP Events – 2008

Event	Date	Option	Hours
1	7/9/2008	DA4	HE 14-17
		DA6	HE 13-18
2	10/1/2008	DO4	HE 14-17
		DO6	HE 14-19

Tables 2.14 and 2.15 list the events for PG&E’s AMP and SCE’s DRC programs. Five AMP events were called, but the last one was not included in the analysis because only one aggregator, with only one nominated customer account, was called.

Table 2.14: AMP (PG&E) Events – 2008

Event	Date	Type	Event/Test	Hours
1	5/16/2008	DO/DA	Event/Test	HE 15-16, 14-17
2	7/9/2008	DO	Test ¹	HE 16-17
3	8/14/2008	DO/DA	Test	HE 16-17
4	9/5/2008	DO	Test ²	HE 16-17
5	9/26/2008	DO	Test ³	

¹ Four of five aggregators

² Two of five aggregators

³ One of five aggregators

Table 2.15: DRC (SCE) Events – 2008

Event	Date	Type	Event/ Test	Num. of Agg.	Hours
1	3/25/2008	DO	Test	1	HE 15-16
2	7/8/2008	DO	Event	3	HE 17-18
3	7/9/2008	DA	Test	1	HE 14-17
4	7/10/2008	DA	Event	1	HE 14-17
5	7/14/2008	DA	Event	1	HE 14-17
6	8/5/2008	DA	Event	1	HE 14-17
7	8/6/2008	DA	Event	2	HE 14-17
8	8/7/2008	DA	Event	2	HE 15-17
9	8/11/2008	DA	Event	2	HE 16-17
10	8/12/2008	DA	Event	2	HE 16-17
11	8/27/2008	DA	Event	2	HE 16-17
12	8/28/2008	DA	Event	2	HE 16-17
13	8/29/2008	DA	Event	2	HE 14-17
14	9/3/2008	DA	Event	2	HE 15-17
15	9/4/2008	DA	Event	2	HE 15-17
16	9/5/2008	DA	Event	2	HE 15-17
17	9/26/2008	DA	Event	2	HE 16
18	10/6/2008	DA	Event	2	HE 14-17
19	10/13/2008	DA	Event	2	HE 15-18
20	10/20/2008	DA	Event	2	HE 14-17
21	11/7/2008	DO	Event	1	HE 13-14

3. Study Methodology

3.1 Overview and questions addressed

Direct estimates of total program-level ex post load impacts for each program were developed from the coefficients of individual customer regression equations. These equations were estimated over the summer months for 2008, primarily by using individual data for all customer accounts enrolled in each program. In some cases, aggregate equations were also estimated, for diagnostic purposes and cross checking of results.

The regression equations were based on models of hourly loads as functions of a list of variables designed to control for factors such as:

- Seasonal and hourly time patterns (*e.g.*, month, day-of-week, and hour, plus various hour/day-type interactions)
- Weather (*e.g.*, daily CDD)
- Event indicators—Event indicators were interacted with hourly indicator variables to allow estimation of hourly load impacts for each event.

The resulting equations provide the capability of simulating hourly reference load profiles for various day-types and weather conditions, as well as measuring hourly load changes on event days. The models use the *level* of hourly usage as the dependent variable and a separate equation is estimated for each enrolled and nominated customer. As a result, the coefficients on the event day/hour variables are direct estimates of the ex post load impacts. For example, a CBP hour-14 coefficient of -100 for Event 1 means that the customer

reduced load by 100 kWh during hour 14 of that event day relative to its normal usage in that hour. Weekends and holidays were excluded from the estimation database.³ Finally, uncertainty-adjusted load impacts were calculated to illustrate the degree of statistical confidence that exists around the estimated load impacts.

3.1 Primary regression equation specifications

Ex post load impacts were estimated using customer-level hourly data from May through October. The primary model that was used is shown below.

$$\begin{aligned}
 Q_t = & a + \sum_{Evt=1}^{11} \sum_{i=1}^{24} (b_{Evt,i}^{DR} \times h_{i,t} \times DR_t) + b^{MornLoad} \times MornLoad_t + \sum_{i=1}^{24} (b_i^{CDD} \times h_{i,t} \times CDD_t) \\
 & + \sum_{i=2}^{24} (b_i^{MON} \times h_{i,t} \times MON_t) + \sum_{i=2}^{24} (b_i^{FRI} \times h_{i,t} \times FRI_t) + \sum_{i=2}^{24} (b_i^h \times h_{i,t}) + \sum_{i=2}^5 (b_i^{DTYPE} \times DTYPE_{i,t}) \\
 & + \sum_{i=6}^{10} (b_i^{MONTH} \times MONTH_{i,t}) + e_t
 \end{aligned}$$

In this equation, Q_t represents hourly demand for a customer; the b 's are estimated parameters; $h_{i,t}$ is a dummy variable for hour i ; DR indicates that a particular day was called as an event; $MornLoad_t$ is the day's average load from hours 1 through 10; CDD_t is cooling degree days;⁴ MON_t is a dummy variable for Monday; FRI_t is a dummy variable for Friday; $DTYPE_{i,t}$ is a series of dummy variables for each day of the week; $MONTH_{i,t}$ is a series of dummy variables for the months of June through October; and e_t is the error term. The "morning load" variable was used in lieu of a more formal autoregressive structure in order to adjust the model to account for the level of load on a particular day. Because of the autoregressive nature of the morning load variable, no further correction for serial correlation was performed in these models.

Separate models were estimated for each customer. The estimated load impacts, in the form of hourly event coefficients, were aggregated across customers to arrive at program-level load impacts, and results by industry group and LCA. Overall program-level and aggregator-level regressions were also estimated in some cases, primarily to provide consistency checks for the individual customer results.

3.2 Uncertainty-Adjusted Load Impacts

The Load Impact Protocols require the estimation of uncertainty-adjusted load impacts. In the case of *ex post* load impacts, the parameters that constitute the load impact estimates are not estimated with certainty. Therefore, we base the uncertainty-adjusted load impacts on the variances associated with the estimated load impacts.

³ Including weekends and holidays would require the addition of variables to capture the fact that load levels and patterns on weekends and holidays can differ greatly from those of non-holiday weekdays. Because event days do not occur on weekends or holidays, the exclusion of these data does not affect the model's ability to estimate ex post load impacts.

⁴ Cooling degree days are defined as $\text{MAX}[0, (\text{maxT} + \text{minT}) / 2 - 65]$, where maxT is the maximum daily temperature in degrees Fahrenheit and minT is the minimum daily temperature.

Specifically, we add the variances of the estimated load impacts across the customers who were nominated for the event in question. These aggregations are performed at either the program level, by industry group, or by LCA. The uncertainty-adjusted scenarios were then simulated under the assumption that each hour's load impact is normally distributed with the mean equal to the sum of the estimated load impacts and the standard deviation equal to the square root of the sum of the variances of the errors around the estimates of the load impacts. Results for the 10th, 30th, 70th, and 90th percentile scenarios are generated from these distributions.

4. Detailed Study Findings

This section describes the results of our estimation of aggregate and per-customer event-day load impacts for each aggregator program and each utility. For each program, we begin by summarizing the load impacts estimated for 2008, using estimates of *average hourly load impacts* for each event, and, where relevant, for average or typical events. We then provide the formal tables required by the Protocols, including reference loads, observed loads, and load impacts by hour, and uncertainty-adjusted load impacts at different probability levels. Load impact results are also illustrated in figures. We also provide illustrative graphs of the observed aggregated program load on selected event-days and non-event days as a form of real-world confirmation of the estimated load impacts.

We begin with CBP at each of the three utilities, and then turn to AMP and DRC.

4.1 CBP

4.1.1 PG&E⁵

Program-level load impacts

Table 4.1 shows average hourly estimated load impacts by industry group for PG&E's two CBP events. The Retail industry group provided the largest share of load impacts on the day-of (DO) event, while the Manufacturing and Retail industry groups provided the largest share of day-ahead (DA) load impacts. Since one event was a day-of event (June 20), and the other was a day-ahead event (August 14), the total (average hourly) load impact potential of the program may be considered as the sum of the two values—*e.g.*, 8.3 MW per hour for the day-of program type and 21.8 MW per hour for the day-ahead program type, for a total of 30.1 MW per hour.

⁵ No CBP customer accounts at PG&E participated in TA/TI in 2008, so no incremental impact analysis was undertaken.

Table 4.1: PG&E CBP Average Hourly Load Impacts, by Industry Group (kW)

Industry type	Evt 1 (DO)	Evt 2 (DA)
	20-Jun	14-Aug
1. Ag., Mining, Constr.	0	94
2. Manufacturing	-11	5,822
3. Whole., Trans., Util.	1,716	1,243
4. Retail	4,117	5,950
5. Offices, Hotels, Services	172	510
6. Schools	216	2,037
7. Instit. & Govt.	0	320
8. Other/Unknown	0	44
TOTAL	6,211	16,020

Table 4.2 shows average hourly load impacts by LCA. The largest shares of the program’s load impacts are in the Greater Bay Area and Other.

Table 4.2: PG&E CBP 2008 Average Hourly Load Impacts, by LCA (kW)

Local Capacity Area	Evt 1 (DO)	Evt 2 (DA)
	20-Jun	14-Aug
1 Greater Bay Area	1,952	6,974
2 Greater Fresno	323	952
3 Humboldt	0	12
4 Kern	1,289	837
5 Northern Coast	773	636
6 Sierra	862	790
7 Stockton	381	644
8 Other	630	5,173
Total	6,211	16,020

SCAPP results

The 355 customers participating in the Small Customer Aggregator Pilot Program (SCAPP) produced an average hourly load impact of approximately 839 kW for the second event, in which their aggregator nominated load reductions. This estimate was obtained by adding up the estimated load impacts for each customer that was identified as a participant in SCAPP.

Hourly load impacts

Tables 4.3a and 4.3b show aggregate and per-customer (respectively) hourly reference load, observed load, and load impact values for PG&E’s day-of CBP program type on the June 20, 2008 DO event. Hourly load impacts averaged about 21 percent of the reference load. The 10th and 90th percentile load impacts are estimated to lie about 7 percent below and above the estimated load impacts for the event. Figure 4.1 illustrates the loads and load impacts for the DO event, while Figure 4.2 illustrates the uncertainty-adjusted DO load impacts.

Table 4.3a: Aggregate Hourly Load Impacts – PG&E CBP DO Event (June 20)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	17,103	17,550	-446	73	-825	-601	-446	-291	-67
2	17,065	17,568	-503	71	-882	-658	-503	-348	-124
3	17,187	17,718	-531	70	-910	-686	-531	-375	-151
4	17,618	18,050	-431	68	-811	-587	-431	-276	-52
5	18,128	18,159	-31	67	-410	-186	-31	124	348
6	19,158	18,545	613	66	234	458	613	768	992
7	21,015	20,205	810	67	430	654	810	965	1,189
8	21,947	21,554	393	72	14	238	393	548	772
9	24,494	24,260	234	77	-145	79	234	390	614
10	25,065	25,062	3	83	-377	-153	3	158	382
11	26,113	26,157	-43	87	-423	-199	-43	112	336
12	26,973	27,197	-225	91	-604	-380	-225	-69	155
13	27,706	25,459	2,247	94	1,868	2,092	2,247	2,402	2,626
14	28,302	22,464	5,838	96	5,459	5,683	5,838	5,993	6,217
15	28,832	22,568	6,263	98	5,884	6,108	6,263	6,419	6,643
16	28,928	22,363	6,565	100	6,185	6,410	6,565	6,720	6,944
17	28,724	22,548	6,176	101	5,797	6,021	6,176	6,332	6,556
18	27,942	25,377	2,565	100	2,186	2,410	2,565	2,720	2,944
19	27,313	26,591	722	98	343	567	722	877	1,101
20	26,419	25,831	588	95	209	433	588	743	967
21	25,971	25,807	163	91	-216	8	163	319	543
22	24,788	24,640	147	86	-232	-8	147	302	526
23	21,007	20,417	590	83	211	435	590	745	969
24	17,968	17,369	599	80	220	444	599	754	978
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	565,767	533,459	32,307	261.3	n/a	n/a	n/a	n/a	n/a

Table 4.3b: Per Customer Hourly Load Impacts – PG&E CBP DO Event (June 20)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	241	247	-6	73	-12	-8	-6	-4	-1
2	240	247	-7	71	-12	-9	-7	-5	-2
3	242	250	-7	70	-13	-10	-7	-5	-2
4	248	254	-6	68	-11	-8	-6	-4	-1
5	255	256	0	67	-6	-3	0	2	5
6	270	261	9	66	3	6	9	11	14
7	296	285	11	67	6	9	11	14	17
8	309	304	6	72	0	3	6	8	11
9	345	342	3	77	-2	1	3	5	9
10	353	353	0	83	-5	-2	0	2	5
11	368	368	-1	87	-6	-3	-1	2	5
12	380	383	-3	91	-9	-5	-3	-1	2
13	390	359	32	94	26	29	32	34	37
14	399	316	82	96	77	80	82	84	88
15	406	318	88	98	83	86	88	90	94
16	407	315	92	100	87	90	92	95	98
17	405	318	87	101	82	85	87	89	92
18	394	357	36	100	31	34	36	38	41
19	385	375	10	98	5	8	10	12	16
20	372	364	8	95	3	6	8	10	14
21	366	363	2	91	-3	0	2	4	8
22	349	347	2	86	-3	0	2	4	7
23	296	288	8	83	3	6	8	10	14
24	253	245	8	80	3	6	8	11	14
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	7,969	7,514	455	261.3	n/a	n/a	n/a	n/a	n/a

Figure 4.1: Hourly Loads and Load Impacts – PG&E CBP DO Event (June 20)

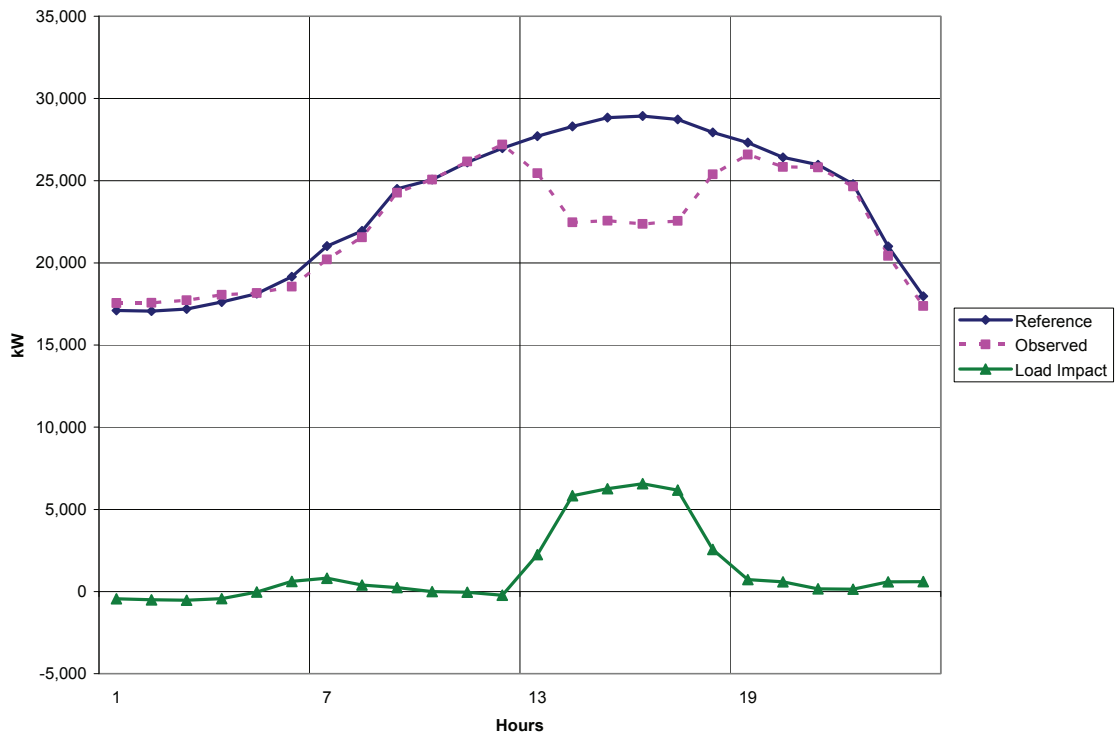
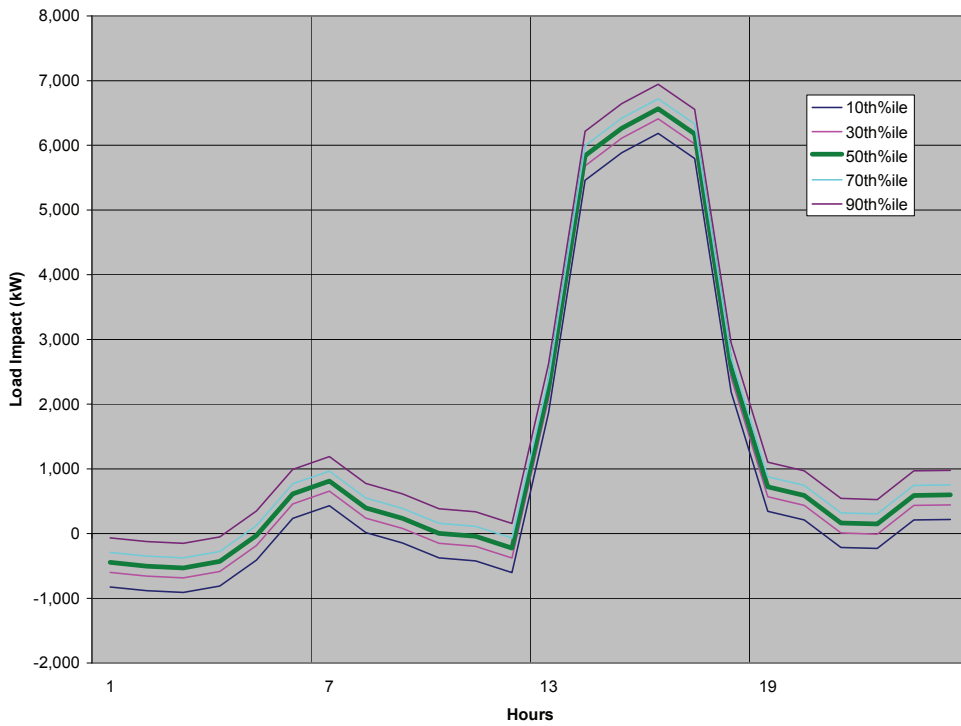


Figure 4.2: Uncertainty-Adjusted Load Impacts – PG&E CBP DO Event (June 20)



Tables 4.4a and 4.4b show aggregate and per customer (respectively) hourly loads and load impacts for the August 14 day-ahead CBP event. Estimated load impacts in hours 16 and 17 are approximately 17 percent of the reference load. The 10th and 90th percentile load impacts are estimated to lie about 11 percent below and above the estimated load impacts for the event.

Table 4.4a: Aggregate Hourly Load Impacts – PG&E CBP DA Event (August 14)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,644	65,103	-459	69	-2,049	-1,110	-459	192	1,132
2	63,271	63,226	45	67	-1,545	-606	45	696	1,636
3	62,258	61,648	609	66	-981	-42	609	1,260	2,200
4	62,001	62,388	-387	65	-1,978	-1,038	-387	264	1,203
5	63,577	64,995	-1,418	64	-3,008	-2,069	-1,418	-767	173
6	67,530	68,830	-1,299	63	-2,890	-1,950	-1,299	-649	291
7	78,152	78,825	-673	63	-2,263	-1,324	-673	-22	918
8	83,052	82,634	418	64	-1,173	-233	418	1,069	2,008
9	89,269	87,723	1,546	67	-44	895	1,546	2,197	3,137
10	94,685	92,492	2,194	70	603	1,543	2,194	2,845	3,784
11	98,697	97,433	1,265	74	-326	614	1,265	1,916	2,855
12	100,637	99,984	653	78	-938	2	653	1,304	2,244
13	99,765	99,023	742	81	-848	91	742	1,393	2,333
14	101,258	101,107	152	84	-1,439	-499	152	803	1,742
15	101,688	98,107	3,581	85	1,990	2,930	3,581	4,232	5,171
16	100,265	83,971	16,294	87	14,704	15,644	16,294	16,945	17,885
17	97,207	81,316	15,891	86	14,300	15,240	15,891	16,542	17,481
18	91,959	85,612	6,346	85	4,756	5,696	6,346	6,997	7,937
19	87,491	83,566	3,925	83	2,334	3,274	3,925	4,576	5,516
20	87,030	82,823	4,207	79	2,616	3,556	4,207	4,858	5,798
21	87,093	87,040	53	75	-1,538	-598	53	703	1,643
22	80,405	83,243	-2,839	72	-4,429	-3,490	-2,839	-2,188	-1,248
23	72,258	72,222	35	70	-1,555	-616	35	686	1,626
24	67,315	66,392	924	69	-667	273	924	1,575	2,514
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	2,001,509	1,949,703	51,806	73.7	n/a	n/a	n/a	n/a	n/a

Table 4.4b: Per Customer Hourly Load Impacts – PG&E CBP DA Event (August 14)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	117	118	-1	69	-4	-2	-1	0	2
2	114	114	0	67	-3	-1	0	1	3
3	113	111	1	66	-2	0	1	2	4
4	112	113	-1	65	-4	-2	-1	0	2
5	115	118	-3	64	-5	-4	-3	-1	0
6	122	124	-2	63	-5	-4	-2	-1	1
7	141	143	-1	63	-4	-2	-1	0	2
8	150	149	1	64	-2	0	1	2	4
9	161	159	3	67	0	2	3	4	6
10	171	167	4	70	1	3	4	5	7
11	178	176	2	74	-1	1	2	3	5
12	182	181	1	78	-2	0	1	2	4
13	180	179	1	81	-2	0	1	3	4
14	183	183	0	84	-3	-1	0	1	3
15	184	177	6	85	4	5	6	8	9
16	181	152	29	87	27	28	29	31	32
17	176	147	29	86	26	28	29	30	32
18	166	155	11	85	9	10	11	13	14
19	158	151	7	83	4	6	7	8	10
20	157	150	8	79	5	6	8	9	10
21	157	157	0	75	-3	-1	0	1	3
22	145	151	-5	72	-8	-6	-5	-4	-2
23	131	131	0	70	-3	-1	0	1	3
24	122	120	2	69	-1	0	2	3	5
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	3,619	3,526	94	73.7	n/a	n/a	n/a	n/a	n/a

Figure 4.3 illustrates the loads and load impacts, while Figure 4.4 shows the uncertainty-adjusted load impacts.

Figure 4.3: Hourly Loads and Load Impacts – PG&E CBP DA Event (August 14)

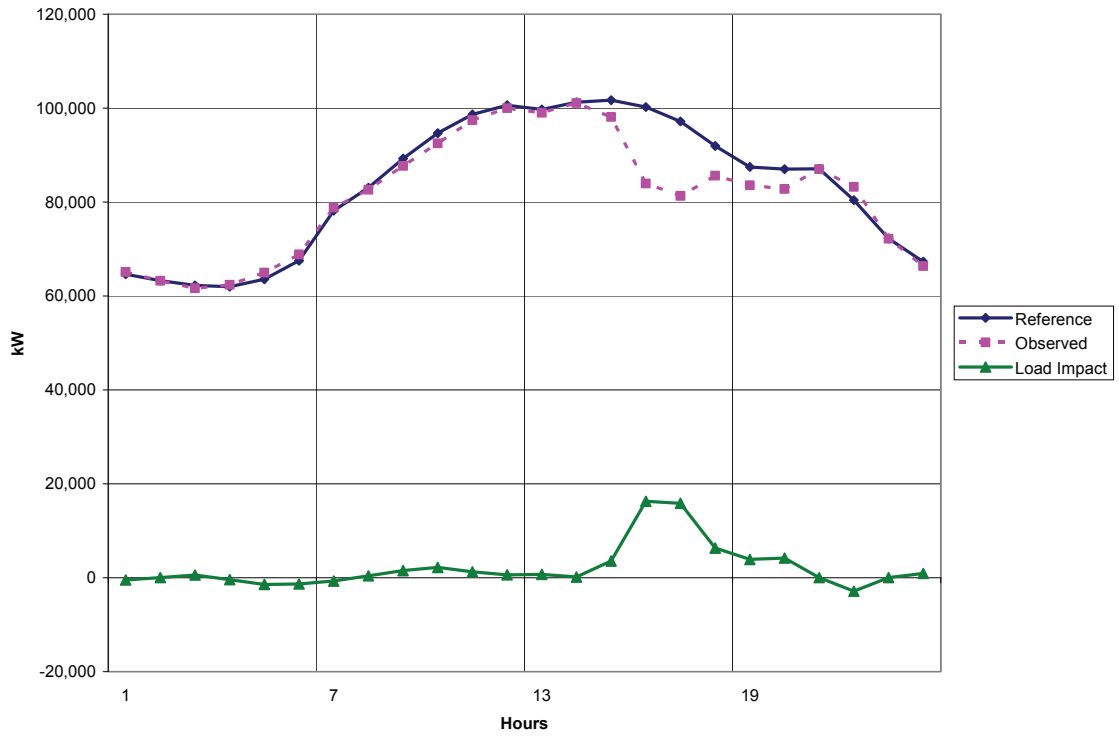
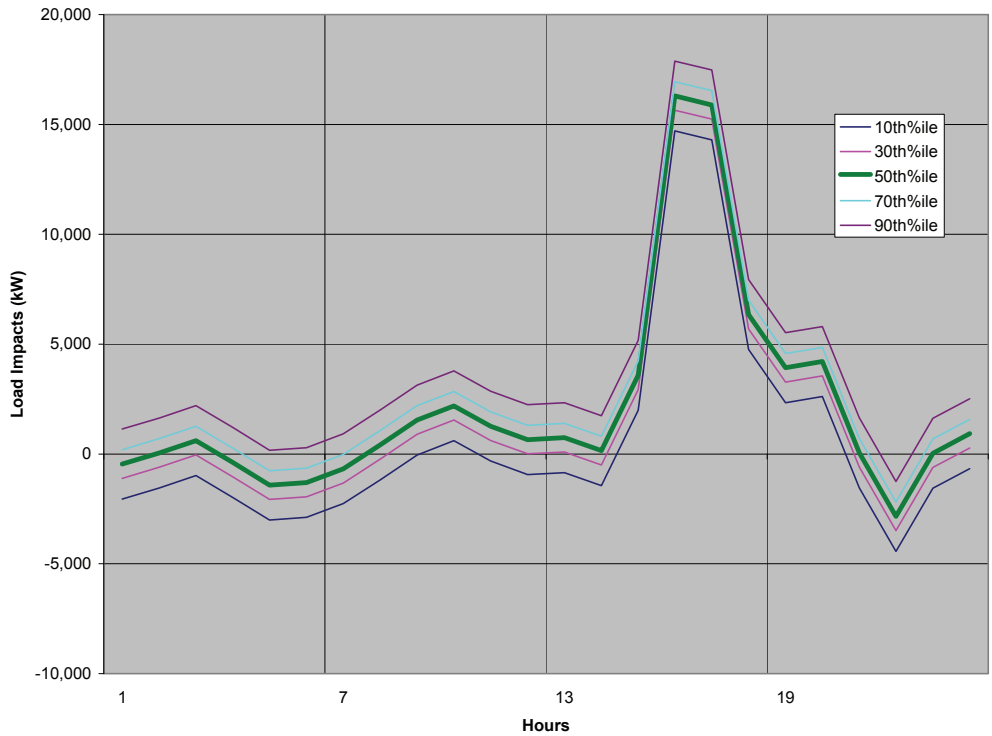


Figure 4.4: Uncertainty-Adjusted Load Impacts – PG&E CBP DA Event (August 14)



Observed event-day loads

As confirmation of the estimated overall program load impacts, Figures 4.5 and 4.6 show the total nominated load for PG&E’s CBP customers, for the June 20 and August 14 events, and for nearby days. Note that the load levels indicated in these figures differ from the levels in both of the previous sets of figures. This is so because the observed loads include all customers nominated in any month, in both program types (DA and DO). The load reductions during the events show clearly. The estimated load reductions of approximately 6.2 MW for the first event, and 16 MW for the second are consistent with the loads in the figures.

Figure 4.5: PG&E Total Nominated CBP Load, June 20 Event

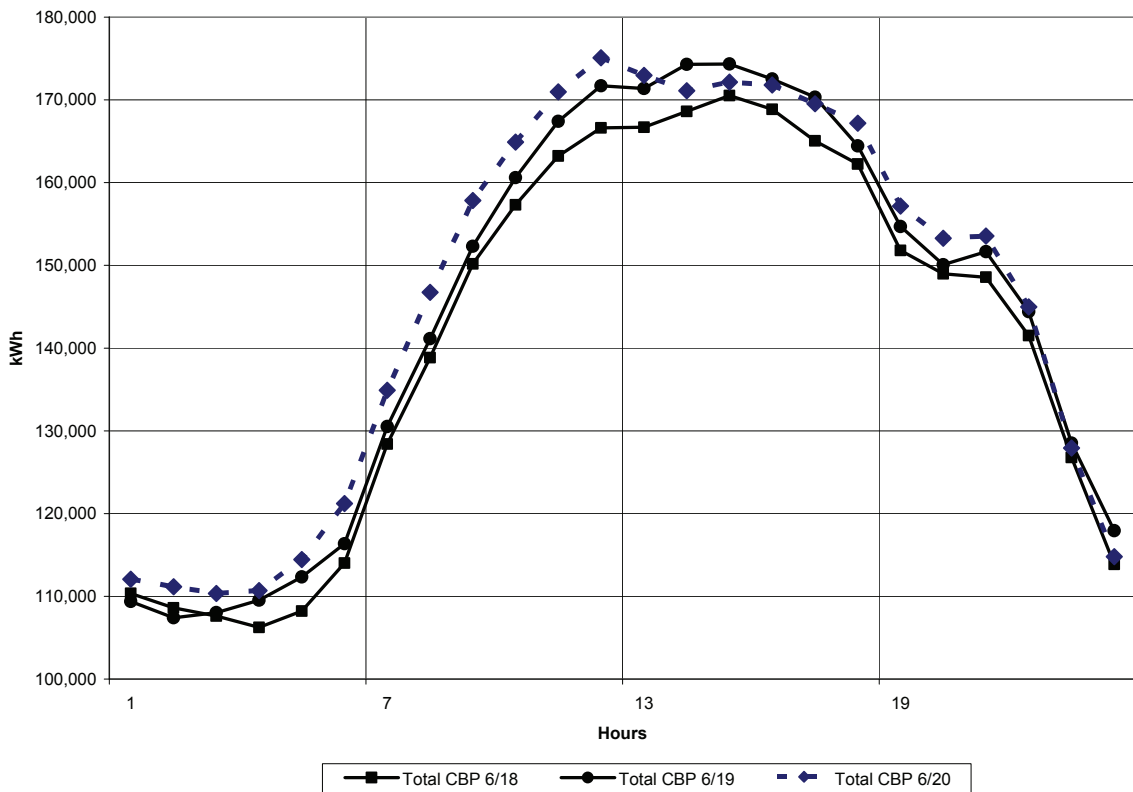
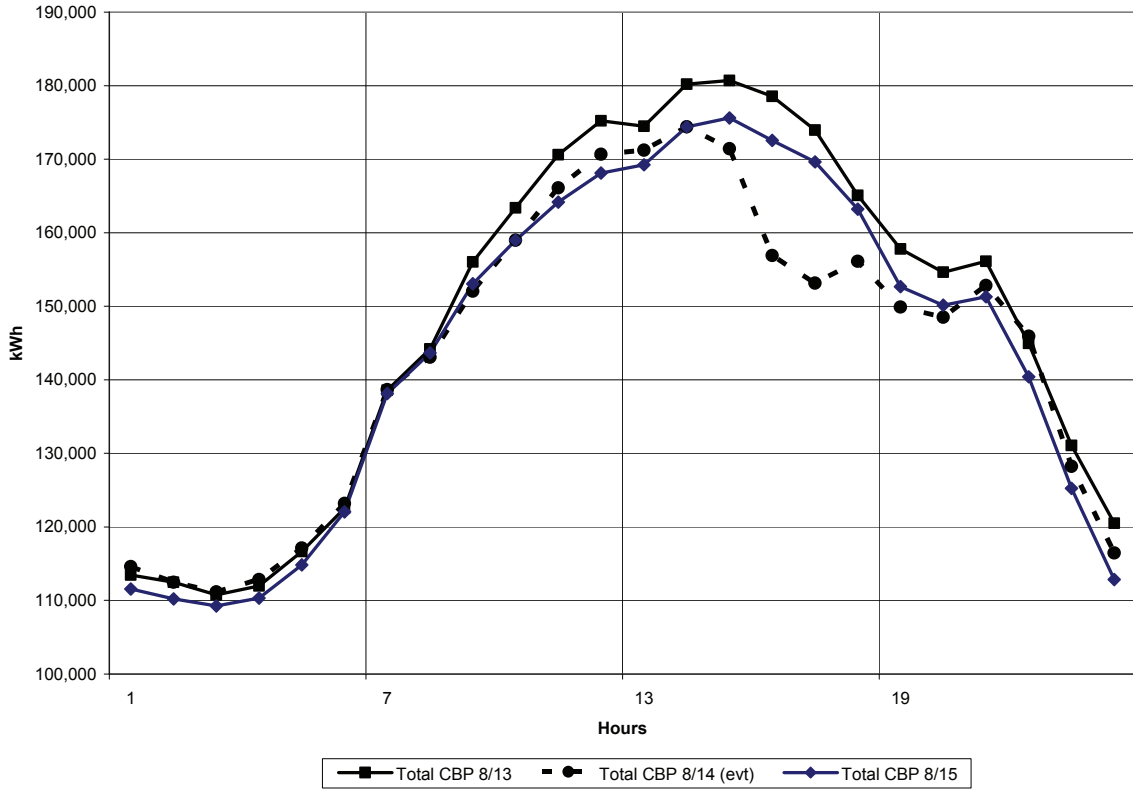


Figure 4.6: PG&E Total Nominated CBP Load, August 14 Event



4.1.2 SCE

Summary load impacts

Table 4.5 shows average hourly estimated load impacts for each of SCE’s CBP events. The load impacts for the day-ahead events are remarkably consistent across events, at approximately 11 MW, with the magnitude of the impacts growing through the summer as enrollment increased. Table 4.6 shows the breakdown of load impacts by industry type for the average day-ahead and day-of event. The retail industry group provided the largest shares of the load impacts. Table 4.7 shows the breakdown of load impacts by CAISO LCA for the average day-ahead and day-of event. The bulk of the load impacts were in the LA Basin LCA. The total load impact potential of the program may be considered as the sum of the load impacts for the DA and DO programs, or approximately 4.3 MW for the day-of-program type and 11.1 MW for the day-ahead program type, for a total of 15.4 MW.

Table 4.5: CBP Average Hourly Load Impacts by Event (kW) – SCE

Event	Date	Type	Load Impact
1	07-Jul-08	DA	9,808
2	08-Jul-08	DA	11,627
3	09-Jul-08	DA	12,431
4	10-Jul-08	DA	11,405
5	14-Jul-08	DA	11,817
6	05-Aug-08	DA	10,931
7	06-Aug-08	DA	11,262
8	07-Aug-08	DA	11,324
9	11-Aug-08	DA	10,833
10	12-Aug-08	DA	10,661
11	27-Aug-08	DA	11,708
12	28-Aug-08	DA	11,636
13	29-Aug-08	DA	10,378
14	03-Sep-08	DA	10,022
15	04-Sep-08	DA	10,770
16	05-Sep-08	DA	10,067
17	26-Sep-08	DA (1 hr, 1/2 Agg.)	1,451
18	01-Oct-08	DO	4,876
19	06-Oct-08	DA	9,361
20	13-Oct-08	DA	13,811
21	20-Oct-08	DA	11,390
22	23-Oct-08	DO	3,810
		Ave. DA	11,118
		Ave. DO	4,343

Table 4.6: CBP Average Hourly Load Impacts by Industry Type – SCE

Industry Type	Ave. DA	Ave. DO
1. Ag., Mining, Constr.	37	0
2. Manufacturing	382	0
3. Whole., Trans., Util.	116	-2
4. Retail	10,578	3,477
5. Offices, hotels, services	5	868
6. Schools	0	0
7. Instit. & Govt.	1	0
Total	11,118	4,343

Table 4.7: CBP Average Hourly Load Impacts by LCA – SCE

LCA	Ave. DA	Ave. DO
LA_BASIN	8,225	3,325
OUTSIDE LA	841	507
Unknown	639	234
VENTURA	1,413	277
Total	11,118	4,343

Hourly load impacts

Tables 4.8a and 4.8b show aggregate and per customer (respectively) hourly reference load, observed load, and load impact values for the average SCE CBP event, where the average event is defined as the sum of the averages of the twenty DA events and the two DO events (since both types of events may be called on the same day). Hourly load impacts averaged 12 to 15 percent of the total reference load of the two program types for the overlapping hours 15-17. The 10th and 90th percentile load impacts are estimated to lie about 5 percent below and above the estimated load impacts for the average event. Figure 4.7 illustrates the loads and load impacts for the average event, while Figure 4.8 illustrates the uncertainty-adjusted load impacts.

Table 4.8a: Aggregate Hourly Load Impacts – SCE CBP Typical DA and DO Event

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	49,795	50,088	-293	70	-975	-572	-293	-13	390
2	48,061	48,663	-602	69	-1,285	-882	-602	-322	81
3	47,265	47,896	-632	68	-1,315	-911	-632	-352	51
4	48,308	48,698	-390	67	-1,073	-669	-390	-110	294
5	55,189	55,636	-447	66	-1,130	-726	-447	-167	236
6	61,391	62,347	-956	66	-1,639	-1,235	-956	-676	-272
7	74,290	76,591	-2,301	65	-2,984	-2,580	-2,301	-2,021	-1,617
8	74,512	74,749	-237	66	-920	-516	-237	43	446
9	76,234	76,643	-410	70	-1,093	-689	-410	-130	273
10	81,144	81,486	-342	75	-1,025	-621	-342	-62	341
11	85,470	85,689	-218	80	-901	-498	-218	61	465
12	88,493	89,160	-666	83	-1,350	-946	-666	-387	17
13	91,007	90,562	445	86	-238	165	445	724	1,128
14	92,826	87,081	5,745	87	5,062	5,466	5,745	6,025	6,428
15	93,724	81,959	11,765	88	11,082	11,485	11,765	12,044	12,448
16	93,941	80,674	13,267	88	12,584	12,987	13,267	13,546	13,950
17	94,198	80,055	14,144	87	13,461	13,864	14,144	14,423	14,827
18	93,890	88,246	5,643	85	4,960	5,364	5,643	5,923	6,327
19	94,086	94,360	-273	81	-956	-553	-273	6	410
20	94,311	95,204	-893	78	-1,576	-1,172	-893	-613	-209
21	94,074	93,744	331	75	-352	51	331	610	1,014
22	85,736	86,351	-615	73	-1,299	-895	-615	-336	68
23	67,980	67,873	108	71	-576	-172	108	387	791
24	57,474	57,330	145	70	-539	-135	145	424	828
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	1,843,400	1,801,082	42,318	92.0	n/a	n/a	n/a	n/a	n/a

Table 4.8b: Per Customer Hourly Load Impacts – SCE CBP Typical DA and DO Event

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-3	-2	-1	0	1
2	146	148	-2	69	-4	-3	-2	-1	0
3	144	145	-2	68	-4	-3	-2	-1	0
4	147	148	-1	67	-3	-2	-1	0	1
5	168	169	-1	66	-3	-2	-1	-1	1
6	186	189	-3	66	-5	-4	-3	-2	-1
7	226	233	-7	65	-9	-8	-7	-6	-5
8	226	227	-1	66	-3	-2	-1	0	1
9	232	233	-1	70	-3	-2	-1	0	1
10	246	247	-1	75	-3	-2	-1	0	1
11	260	260	-1	80	-3	-2	-1	0	1
12	269	271	-2	83	-4	-3	-2	-1	0
13	276	275	1	86	-1	1	1	2	3
14	282	264	17	87	15	17	17	18	20
15	285	249	36	88	34	35	36	37	38
16	285	245	40	88	38	39	40	41	42
17	286	243	43	87	41	42	43	44	45
18	285	268	17	85	15	16	17	18	19
19	286	287	-1	81	-3	-2	-1	0	1
20	286	289	-3	78	-5	-4	-3	-2	-1
21	286	285	1	75	-1	0	1	2	3
22	260	262	-2	73	-4	-3	-2	-1	0
23	206	206	0	71	-2	-1	0	1	2
24	175	174	0	70	-2	0	0	1	3
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	5,598	5,470	129	92.0	n/a	n/a	n/a	n/a	n/a

Figure 4.7: Hourly Loads and Load Impacts – SCE CBP Typical DA and DO Event

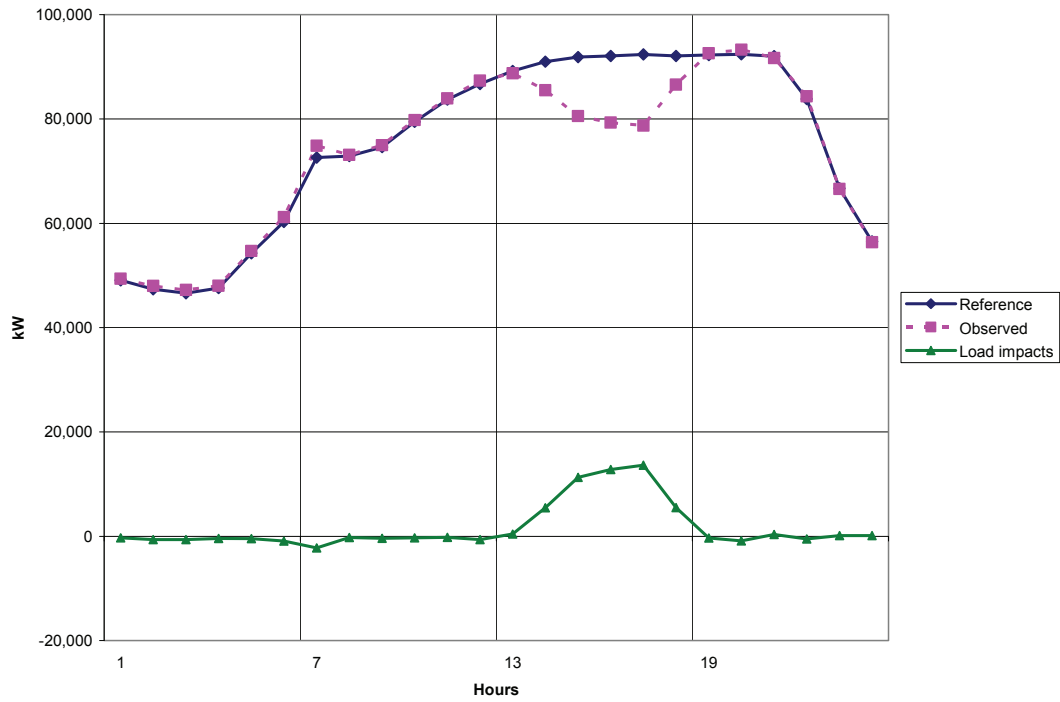
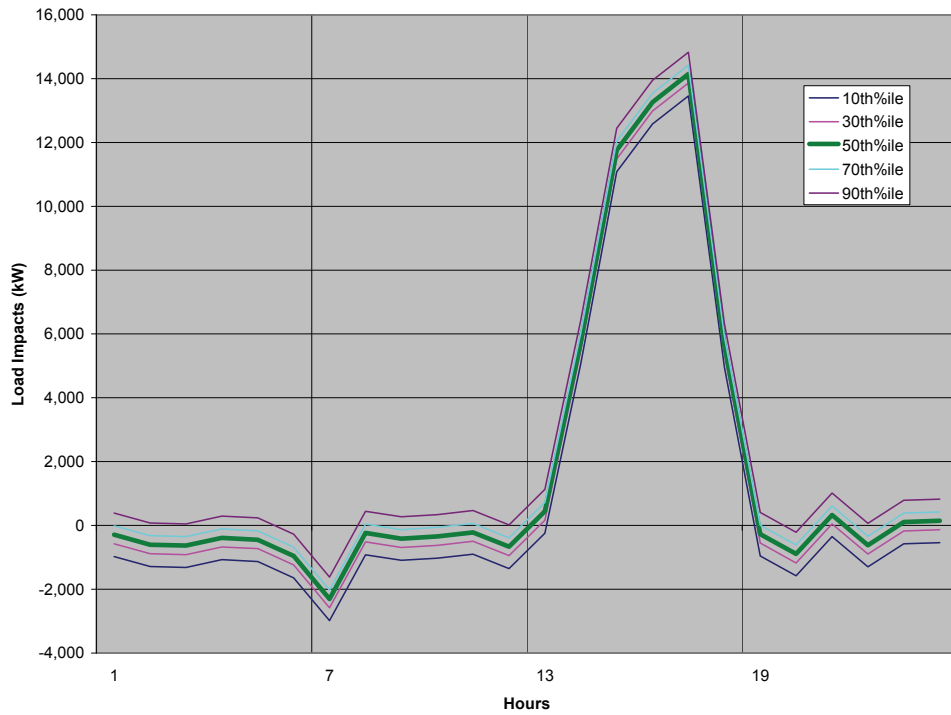


Figure 4.8: Uncertainty-Adjusted Load Impacts – SCE CBP Typical DA and DO Event



Observed event-day loads

As confirmation of the estimated overall program load impacts, Figure 4.9 shows the total load for all of SCE’s CBP customers, for average non-October DA events, along with typical non-event days (the loads during the October events were generally lower than during the earlier events). The load reductions during the events show clearly, including the effect of different event windows (e.g., hours 14-17, and 15-17). Figure 4.10 illustrates the two October DO events.

Figure 4.9: SCE CBP Average Day-Ahead Event Days

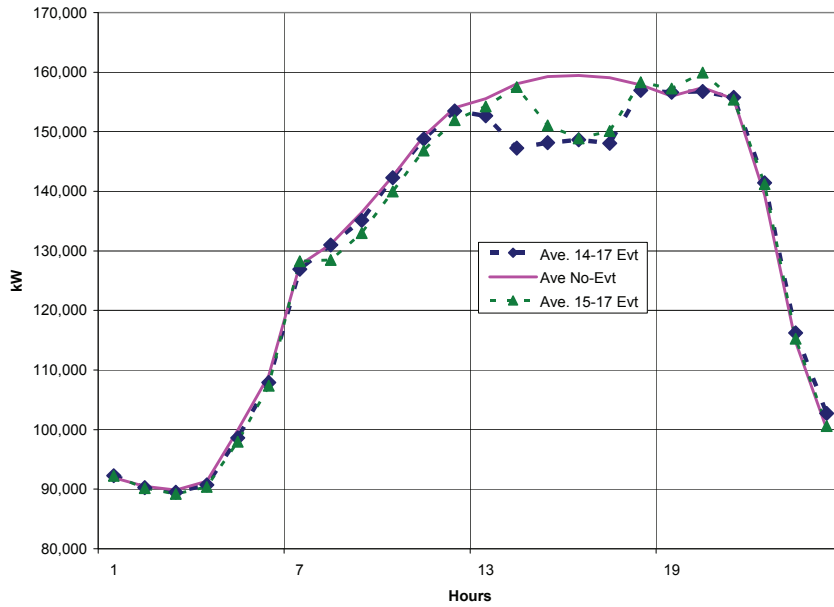
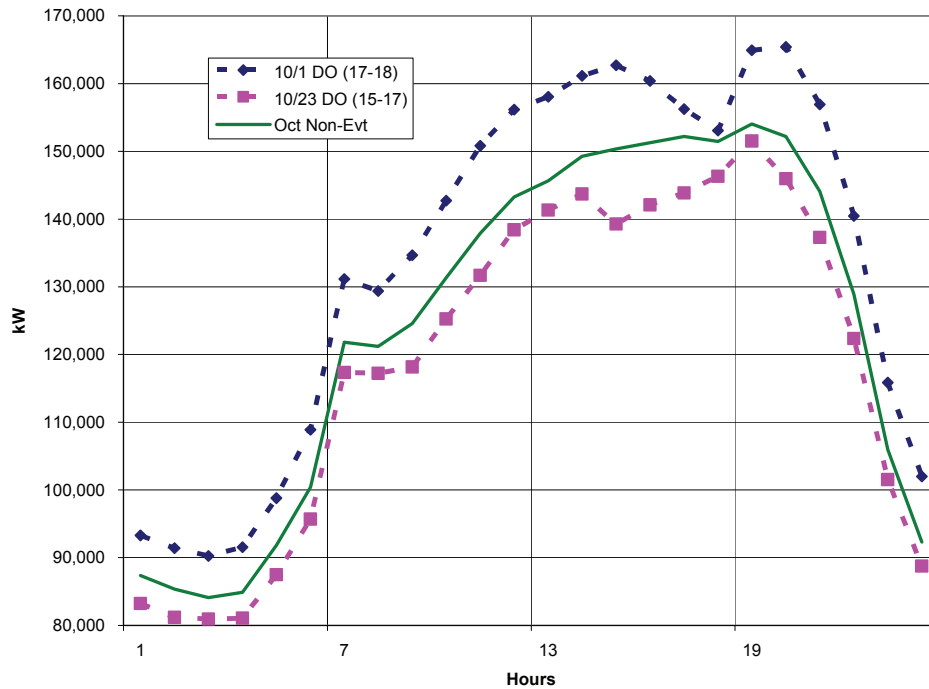


Figure 4.10: SCE CBP October Day-Of Event Days



TA/TI Effects

TA/TI participants in CBP at SCE included 56 enrollees in the DO program type, approximately evenly split between industry types 4 and 5. Both included multiple sites of a single customer, one a retail store and the other a service establishment. We conducted a preliminary regression analysis of the average percent load impact of each customer as a function of variables such as industry type, size, TA/TI participation, and the latter two variables interacted. No direct effect of TA/TI participation on percent load impact could be found. However, the interacted term was modestly significant, indicating that the percent load impact of TA/TI customers increased with size, compared to all customers.

Table 4.9 summarizes differences in percent load impacts for the two involved industry types, by size categories, for the TA/TI participants and all other DO enrollees (Non) who were called for an event. For the retail stores (industry 4), the percent LI for non-TA/TI customers (sixth column) indicates a declining pattern of percent impacts as the size categories increase. In contrast, the two industry 4 TA/TI size categories showed increased percent load impacts. For industry 5, the TA/TI participants show larger percentage load impacts than the non-participants, but the numbers of customers are small. In all, the results are suggestive, but not definitive, of TA/TI participation resulting in larger load impacts.

Table 4.9: SCE CBP TA/TI Effects

Max kW	Customers				Percent Load Impact			
	Industry 4		Industry 5		Industry 4		Industry 5	
	TA/TI	Non	TA/TI	Non	TA/TI	Non	TA/TI	Non
<100	19	52	0	0	20%	26%		
100-200	8	10	6	2	27%	25%	17%	10%
200-500	0	24	23	1		10%	17%	9%
>500	0	28	0	0		6%		
All	27	114	29	3	24%	17%	16%	10%

4.1.3 SDG&E

Summary load impacts

Table 4.10 summarizes estimated ex post load impacts by industry type and in total for SDG&E’s two CBP events. The manufacturing and retail industry groups provided the largest shares of the DA load impacts, while wholesale & utilities and retail provided the bulk of the DO load impacts. If the day-ahead and day-of program types were called on the same day, the implied load impact would be the sum of the two total values, or approximately 16.4 MW.

Table 4.10: SDG&E CBP 2008 Average hourly Load Impacts (kW)

Industry type	Day-ahead 9-Jul	Day-of 1-Oct
1. Ag., Mining, Constr.	455	0
2. Manufacturing	6,336	0
3. Whole., Trans., Util.	148	2,342
4. Retail	2,538	2,752
5. Offices, hotels, services	67	276
6. Schools	368	0
7. Instit. & Govt.	373	791
TOTAL	10,285	6,160

TA/TI impacts

Table 4.11 provides an indication of the effect of TI participation on SDG&E’s CBP load impacts. All of the TI applications were completed by one aggregator, who nominated *day-of* load reductions. The last column shows the percentage of that aggregator’s TI-participating customers in the three industry types that included TI participants. The values in the first two columns represent (load-weighted) average percentage hourly load impacts (relative to estimated reference loads) for the October day-of event, for Non-TI and TI customers. The next column shows overall load-weighted percentage load impacts for *all* CBP customers in the indicated industry types. The percentage load impacts for TI participants are substantially larger than those for non-participants in each case.

Table 4.11: Average Hourly Percent Load Impacts per Customer, by TI Participation

Industry type			Overall	% of Cust. in TI
	Non-TI	TI		
4. Retail	27%	37%	30%	20%
5. Offices, hotels, services	6%	40%	12%	24%
7. Instit. & Govt.	15%	26%	24%	46%
All	22%	32%	26%	

Hourly load impacts

Tables 4.12a and 4.12b show aggregate and per customer (respectively) hourly reference load, observed load, and load impact values for SDG&E’s day-ahead CBP program type on the July 9, 2008 DA event, which was called for hours 14-17 for DA4 contracts, and hours 13-18 for DA6 contracts. Hourly load impacts averaged about 30 to 40 percent of the reference load during the overlapping hours 14-17. The 10th and 90th percentile load impacts are estimated to range from 15 to 23 percent below and above the estimated load impacts for the event. Figure 4.11 illustrates the loads and load impacts for the DA event, while Figure 4.12 illustrates the uncertainty-adjusted DA load impacts.

Table 4.12a: Aggregate Hourly Load Impacts – SDG&E CBP DA Event (July 9)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	20,703	21,995	-1,292	64	-3,181	-2,065	-1,292	-519	597
2	20,175	21,740	-1,565	64	-3,454	-2,338	-1,565	-792	324
3	19,712	21,202	-1,490	63	-3,379	-2,263	-1,490	-717	399
4	19,604	20,796	-1,192	63	-3,081	-1,965	-1,192	-419	697
5	20,636	21,807	-1,171	63	-3,060	-1,944	-1,171	-398	718
6	22,702	23,824	-1,122	63	-3,011	-1,895	-1,122	-349	767
7	27,874	29,801	-1,927	63	-3,816	-2,700	-1,927	-1,154	-38
8	30,602	29,058	1,544	65	-345	771	1,544	2,317	3,433
9	31,166	28,022	3,144	67	1,255	2,371	3,144	3,917	5,033
10	32,362	32,241	121	65	-1,768	-652	121	894	2,010
11	33,221	33,641	-421	69	-2,310	-1,194	-421	352	1,468
12	33,151	34,984	-1,833	70	-3,722	-2,606	-1,833	-1,060	56
13	33,573	29,300	4,273	72	2,384	3,500	4,273	5,046	6,162
14	34,195	21,325	12,870	70	10,981	12,097	12,870	13,643	14,759
15	32,204	21,826	10,378	71	8,489	9,605	10,378	11,151	12,267
16	31,124	21,574	9,550	70	7,661	8,777	9,550	10,323	11,439
17	30,340	21,995	8,345	68	6,456	7,572	8,345	9,118	10,234
18	30,068	24,425	5,643	67	3,754	4,870	5,643	6,416	7,532
19	29,052	26,950	2,102	66	213	1,329	2,102	2,875	3,991
20	28,268	26,305	1,963	64	74	1,190	1,963	2,736	3,852
21	28,639	27,501	1,138	65	-751	365	1,138	1,911	3,027
22	27,404	26,617	787	65	-1,102	14	787	1,560	2,676
23	23,758	23,712	47	65	-1,843	-726	47	820	1,936
24	21,846	22,446	-600	64	-2,489	-1,373	-600	173	1,289
		Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	Reference Energy Use (kWh)				10th	30th	50th	70th	90th
Daily	662,378	613,085	49,293	0.0	n/a	n/a	n/a	n/a	n/a

Table 4.12b: Per Customer Hourly Load Impacts – SDG&E CBP DA Event (July 9)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	216	229	-13	64	-33	-22	-13	-5	6
2	210	226	-16	64	-36	-24	-16	-8	3
3	205	221	-16	63	-35	-24	-16	-7	4
4	204	217	-12	63	-32	-20	-12	-4	7
5	215	227	-12	63	-32	-20	-12	-4	7
6	236	248	-12	63	-31	-20	-12	-4	8
7	290	310	-20	63	-40	-28	-20	-12	0
8	319	303	16	65	-4	8	16	24	36
9	325	292	33	67	13	25	33	41	52
10	337	336	1	65	-18	-7	1	9	21
11	346	350	-4	69	-24	-12	-4	4	15
12	345	364	-19	70	-39	-27	-19	-11	1
13	350	305	45	72	25	36	45	53	64
14	356	222	134	70	114	126	134	142	154
15	335	227	108	71	88	100	108	116	128
16	324	225	99	70	80	91	99	108	119
17	316	229	87	68	67	79	87	95	107
18	313	254	59	67	39	51	59	67	78
19	303	281	22	66	2	14	22	30	42
20	294	274	20	64	1	12	20	29	40
21	298	286	12	65	-8	4	12	20	32
22	285	277	8	65	-11	0	8	16	28
23	247	247	0	65	-19	-8	0	9	20
24	228	234	-6	64	-26	-14	-6	2	13
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	6,900	6,386	513	0.0	n/a	n/a	n/a	n/a	n/a

Figure 4.11: Hourly Loads and Load Impacts – SDG&E CBP DA Event (July 9)

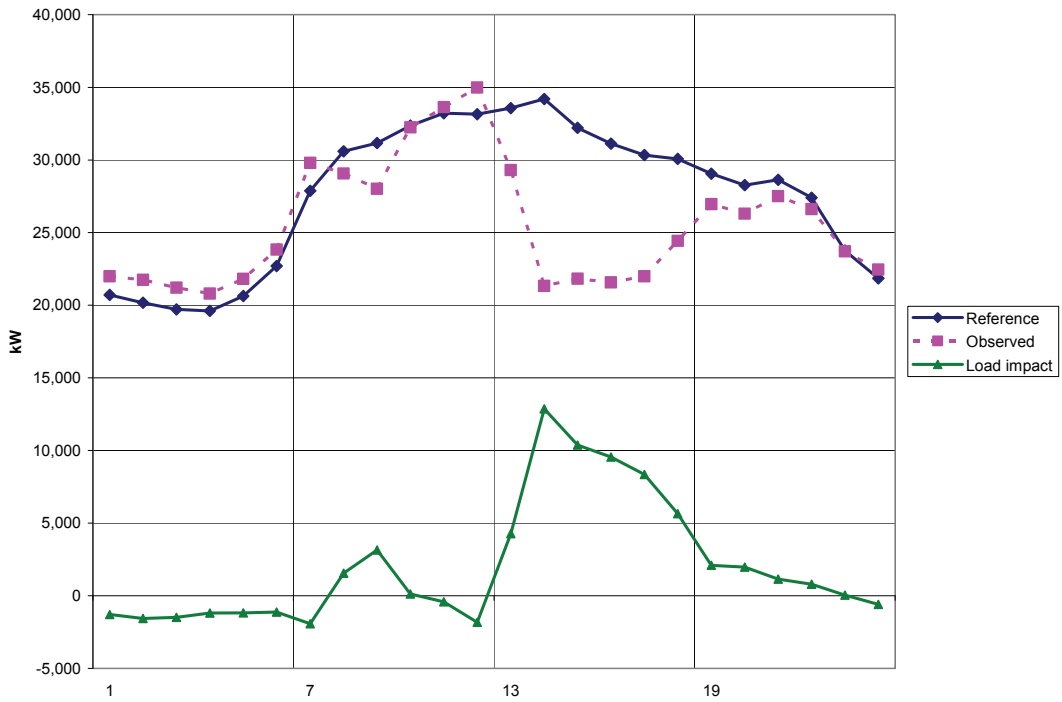
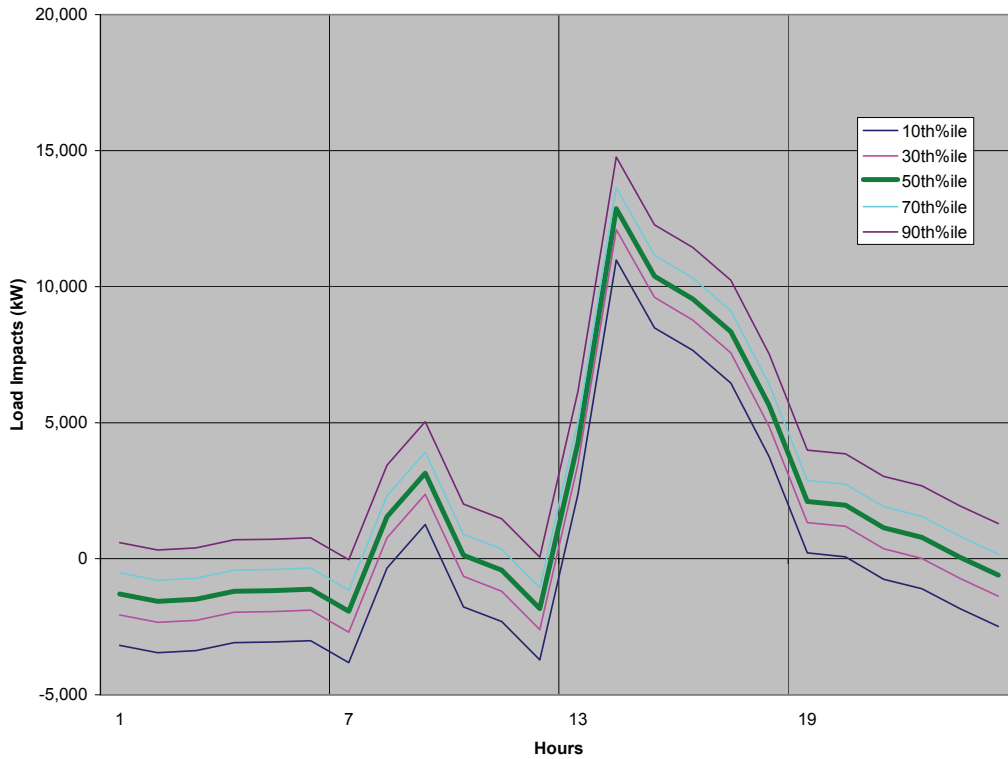


Figure 4.12: Uncertainty-Adjusted Load Impacts – SDG&E CBP DA Event (July 9)



Tables 4.13a and 4.13b show aggregate and per customer (respectively) hourly load and load impact values for SDG&E’s day-of CBP program type on the October 1, 2008 DO event, which was called for hours 14-17 for DO4 contracts, and hours 14-19 for DO6 contracts. Hourly load impacts ranged from 28 to 34 percent of the reference load during the overlapping hours 14-17. The 10th and 90th percentile load impacts are estimated to range from 9 to 12 percent below and above the estimated load impacts for the event. Figure 4.13 illustrates the loads and load impacts for the DO event, while Figure 4.14 illustrates the uncertainty-adjusted DO load impacts.

Table 4.13a: Aggregate Hourly Load Impacts – SDG&E DO CBP Event (Oct. 1)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	11,299	11,546	-248	73	-892	-511	-248	16	397
2	11,164	11,250	-86	72	-730	-350	-86	177	558
3	11,057	11,467	-411	72	-1,055	-674	-411	-147	233
4	11,473	11,588	-115	70	-759	-379	-115	148	529
5	12,347	12,603	-256	69	-900	-519	-256	8	388
6	13,451	13,640	-189	70	-833	-453	-189	74	455
7	14,412	14,374	38	70	-606	-225	38	302	683
8	15,049	15,177	-127	77	-772	-391	-127	136	517
9	17,401	17,968	-566	81	-1,210	-830	-566	-303	78
10	19,328	19,768	-440	87	-1,084	-703	-440	-176	204
11	20,351	21,551	-1,200	90	-1,844	-1,464	-1,200	-937	-556
12	20,844	22,251	-1,407	90	-2,051	-1,671	-1,407	-1,144	-763
13	20,442	21,121	-680	91	-1,324	-943	-680	-416	-35
14	19,604	14,051	5,553	90	4,909	5,289	5,553	5,817	6,197
15	19,610	14,159	5,451	89	4,807	5,187	5,451	5,714	6,095
16	20,216	13,847	6,369	88	5,725	6,106	6,369	6,633	7,014
17	21,246	14,113	7,132	85	6,488	6,869	7,132	7,396	7,776
18	20,678	16,673	4,005	82	3,361	3,741	4,005	4,269	4,649
19	19,922	16,813	3,109	79	2,465	2,845	3,109	3,372	3,753
20	19,200	17,396	1,804	77	1,160	1,540	1,804	2,067	2,448
21	18,833	17,801	1,032	75	388	769	1,032	1,296	1,676
22	17,747	18,299	-552	74	-1,196	-816	-552	-288	92
23	14,824	15,293	-469	73	-1,113	-733	-469	-206	175
24	12,455	12,250	205	72	-439	-58	205	469	849
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	402,952	374,999	27,953	131.9	n/a	n/a	n/a	n/a	n/a

Table 4.13b: Per Customer Hourly Load Impacts – SDG&E DO CBP Event (Oct. 1)

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	82	84	-2	73	-7	-4	-2	0	3
2	81	82	-1	72	-5	-3	-1	1	4
3	81	84	-3	72	-8	-5	-3	-1	2
4	84	85	-1	70	-6	-3	-1	1	4
5	90	92	-2	69	-7	-4	-2	0	3
6	98	100	-1	70	-6	-3	-1	1	3
7	105	105	0	70	-4	-2	0	2	5
8	110	111	-1	77	-6	-3	-1	1	4
9	127	131	-4	81	-9	-6	-4	-2	1
10	141	144	-3	87	-8	-5	-3	-1	1
11	149	157	-9	90	-13	-11	-9	-7	-4
12	152	162	-10	90	-15	-12	-10	-8	-6
13	149	154	-5	91	-10	-7	-5	-3	0
14	143	103	41	90	36	39	41	42	45
15	143	103	40	89	35	38	40	42	44
16	148	101	46	88	42	45	46	48	51
17	155	103	52	85	47	50	52	54	57
18	151	122	29	82	25	27	29	31	34
19	145	123	23	79	18	21	23	25	27
20	140	127	13	77	8	11	13	15	18
21	137	130	8	75	3	6	8	9	12
22	130	134	-4	74	-9	-6	-4	-2	1
23	108	112	-3	73	-8	-5	-3	-2	1
24	91	89	1	72	-3	0	1	3	6
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	2,941	2,737	204	131.9	n/a	n/a	n/a	n/a	n/a

Figure 4.13: Hourly Loads and Load Impacts – SDG&E DO CBP Event (Oct. 1)

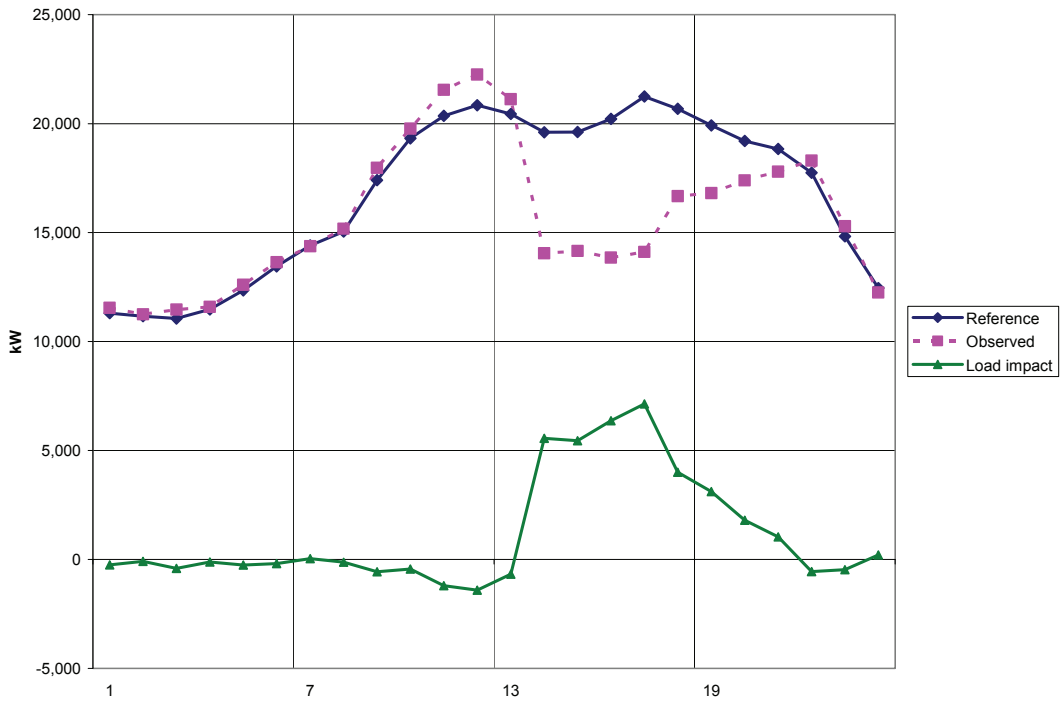
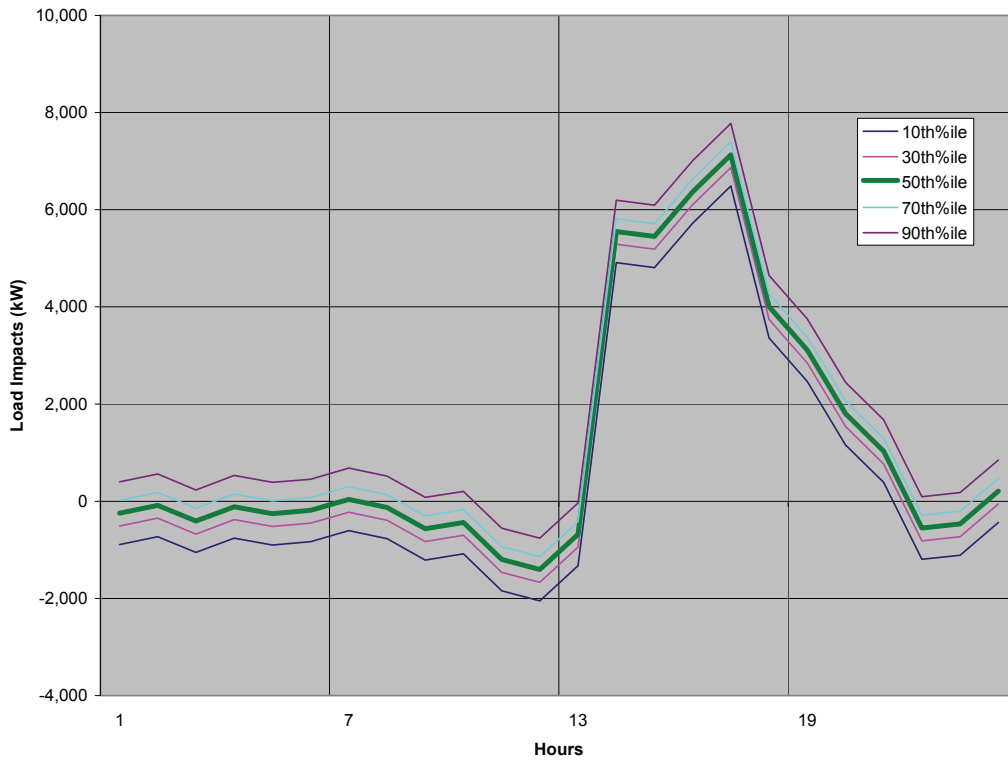


Figure 4.14: Uncertainty-Adjusted Load Impacts – SDG&E DO CBP Event (Oct. 1)



Observed event-day loads

As confirmation of the estimated overall program load impacts, Figure 4.15 shows the total load for the customers nominated for day-ahead events in July, for the week of the July 9 DA event. The load reduction during the event shows clearly, though the load variability during the event period on the other non-event days of the week is suggestive of the uncertainty in establishing baseline loads and estimating load impacts. The estimated load reduction of approximately 10,300 kW is certainly consistent with the loads in the figure. Figure 4.16 shows the total nominated day-of load for the October 1 DO event, as well as the load for several surrounding days. The estimated load impact of approximately 6 MW is consistent with the load reduction shown in the figure.

Figure 4.15: SDG&E July 9 Day-Ahead Event

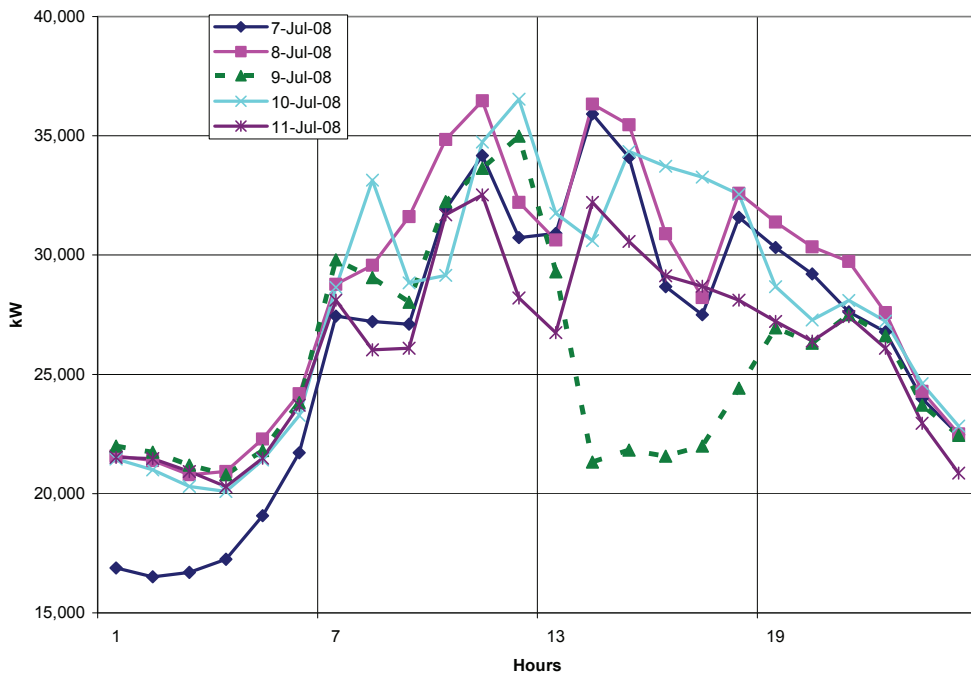
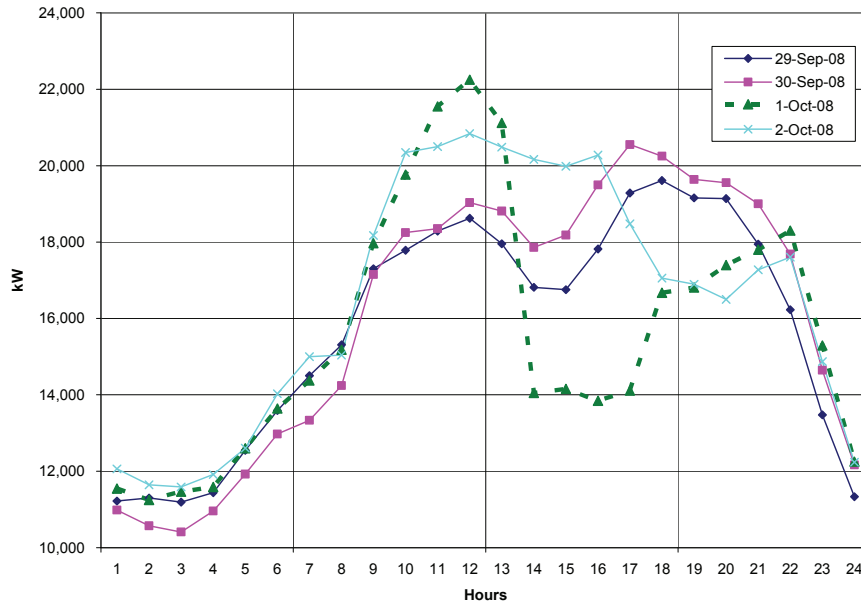


Figure 4.16: SDG&E October 1 Day-Of Event



4.2 AMP (PG&E)

Tables 4.14 and 4.15 report estimated average hourly load impacts for the first four AMP events, by industry type and local capacity area, on the basis of the load impacts estimated in the individual customer regressions. Referring back to Table 2.14, which shows the AMP events, the first and third events involved all of the aggregators, though the number of nominated customers expanded considerably between May and August. Four of the aggregators were called on the second event, and only two on the fourth event. The total average hourly load impacts in the last row of the table reflect those differences, with the largest load impact occurring on Event 3.

Table 4.14: Average Hourly Load Impacts (kW) by Industry Group – PG&E AMP

Industry type	Event 1 (DO/DA) 16-May	Event 2 (DO) 9-Jul	Event 3 (DO/DA) 14-Aug	Event 4 (DO) 5-Sep
1. Ag., Mining, Constr.	2,445	3,589	5,085	1,902
2. Manufacturing	22,813	11,635	30,933	9,924
3. Whole., Trans., Util.	13,004	17,417	21,509	15,001
4. Retail	4,080	7,893	6,192	1,899
5. Offices, hotels, services	3,065	2,821	7,409	2,027
6. Schools	927	842	1,672	-967
7. Instit. & Govt.	3,986	273	6,772	-106
TOTAL	50,319	44,470	79,571	29,679

Table 4.15: Average Hourly Load Impacts (kW) by LCA – PG&E AMP

Local Capacity Area	Event 1 (DO/DA) 16-May	Event 2 (DO) 9-Jul	Event 3 (DO/DA) 14-Aug	Event 4 (DO) 5-Sep
1 Greater Bay Area	8,605	8,191	12,718	4,832
2 Greater Fresno	9,528	8,476	16,843	4,553
3 Humboldt	0	0	873	118
4 Kern	1,091	750	1,388	1,665
5 Northern Coast	1,700	1,585	4,243	408
6 Sierra	972	705	1,743	477
7 Stockton	1,535	1,024	3,199	-129
8 Other	26,887	23,739	38,564	17,756
Total	50,319	44,470	79,571	29,679

Hourly load impacts

Tables 4.16a and 4.16b show aggregate and per customer (respectively) hourly load and load impact values for the average PG&E AMP event, which for comparability was defined as the average of events 1 and 3, for which all DA and DO aggregators were called. The primary overlapping event hours were 16-17, although one aggregator was called for hours 14-17 on the first event. Hourly load impacts were 25 percent of the reference load during the overlapping hours. The 10th and 90th percentile load impacts are estimated to lie about 5 percent below and above the estimated average load impacts. Figure 4.17 illustrates the average loads and load impacts, while Figure 4.18 illustrates the uncertainty-adjusted load impacts.

Table 4.16a: Aggregate Hourly Load Impacts – PG&E Average DA and DO AMP Event

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	182,379	183,306	-927	76	-3,901	-2,144	-927	290	2,047
2	179,171	179,828	-658	75	-3,631	-1,874	-658	559	2,316
3	176,675	177,012	-337	73	-3,310	-1,554	-337	880	2,637
4	175,534	176,239	-705	72	-3,679	-1,922	-705	512	2,269
5	176,365	177,823	-1,458	70	-4,432	-2,675	-1,458	-241	1,516
6	185,996	188,395	-2,399	69	-5,373	-3,616	-2,399	-1,183	574
7	203,018	204,628	-1,610	69	-4,584	-2,827	-1,610	-393	1,364
8	218,160	218,416	-256	71	-3,230	-1,473	-256	961	2,718
9	229,379	228,682	696	75	-2,278	-521	696	1,913	3,670
10	238,446	238,195	251	80	-2,723	-966	251	1,468	3,225
11	248,785	246,478	2,307	84	-667	1,090	2,307	3,524	5,281
12	254,684	251,283	3,401	88	427	2,184	3,401	4,618	6,375
13	254,601	247,528	7,073	91	4,099	5,856	7,073	8,290	10,047
14	258,785	242,139	16,646	93	13,672	15,429	16,646	17,863	19,620
15	257,085	223,581	33,504	95	30,530	32,287	33,504	34,721	36,478
16	252,984	188,118	64,866	96	61,892	63,649	64,866	66,083	67,840
17	249,112	190,288	58,825	96	55,851	57,608	58,825	60,042	61,798
18	243,105	218,410	24,695	95	21,721	23,478	24,695	25,912	27,669
19	236,132	226,351	9,781	93	6,807	8,564	9,781	10,997	12,754
20	228,826	219,812	9,014	89	6,041	7,798	9,014	10,231	11,988
21	221,003	214,715	6,289	85	3,315	5,072	6,289	7,506	9,263
22	210,090	205,024	5,066	82	2,093	3,849	5,066	6,283	8,040
23	198,486	193,093	5,393	79	2,419	4,176	5,393	6,609	8,366
24	188,290	183,812	4,477	78	1,503	3,260	4,477	5,694	7,451
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	5,267,089	5,023,155	243,934	199.8	n/a	n/a	n/a	n/a	n/a

Table 4.16b: Per Customer Hourly Load Impacts – PG&E Average DA and DO AMP Event

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	493	495	-3	76	-11	-6	-3	1	6
2	484	486	-2	75	-10	-5	-2	2	6
3	478	478	-1	73	-9	-4	-1	2	7
4	474	476	-2	72	-10	-5	-2	1	6
5	477	481	-4	70	-12	-7	-4	-1	4
6	503	509	-6	69	-15	-10	-6	-3	2
7	549	553	-4	69	-12	-8	-4	-1	4
8	590	590	-1	71	-9	-4	-1	3	7
9	620	618	2	75	-6	-1	2	5	10
10	644	644	1	80	-7	-3	1	4	9
11	672	666	6	84	-2	3	6	10	14
12	688	679	9	88	1	6	9	12	17
13	688	669	19	91	11	16	19	22	27
14	699	654	45	93	37	42	45	48	53
15	695	604	91	95	83	87	91	94	99
16	684	508	175	96	167	172	175	179	183
17	673	514	159	96	151	156	159	162	167
18	657	590	67	95	59	63	67	70	75
19	638	612	26	93	18	23	26	30	34
20	618	594	24	89	16	21	24	28	32
21	597	580	17	85	9	14	17	20	25
22	568	554	14	82	6	10	14	17	22
23	536	522	15	79	7	11	15	18	23
24	509	497	12	78	4	9	12	15	20
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	14,235	13,576	659	199.8	n/a	n/a	n/a	n/a	n/a

Figure 4.17: Hourly Loads and Load Impacts – PG&E Average DA & DO AMP Event

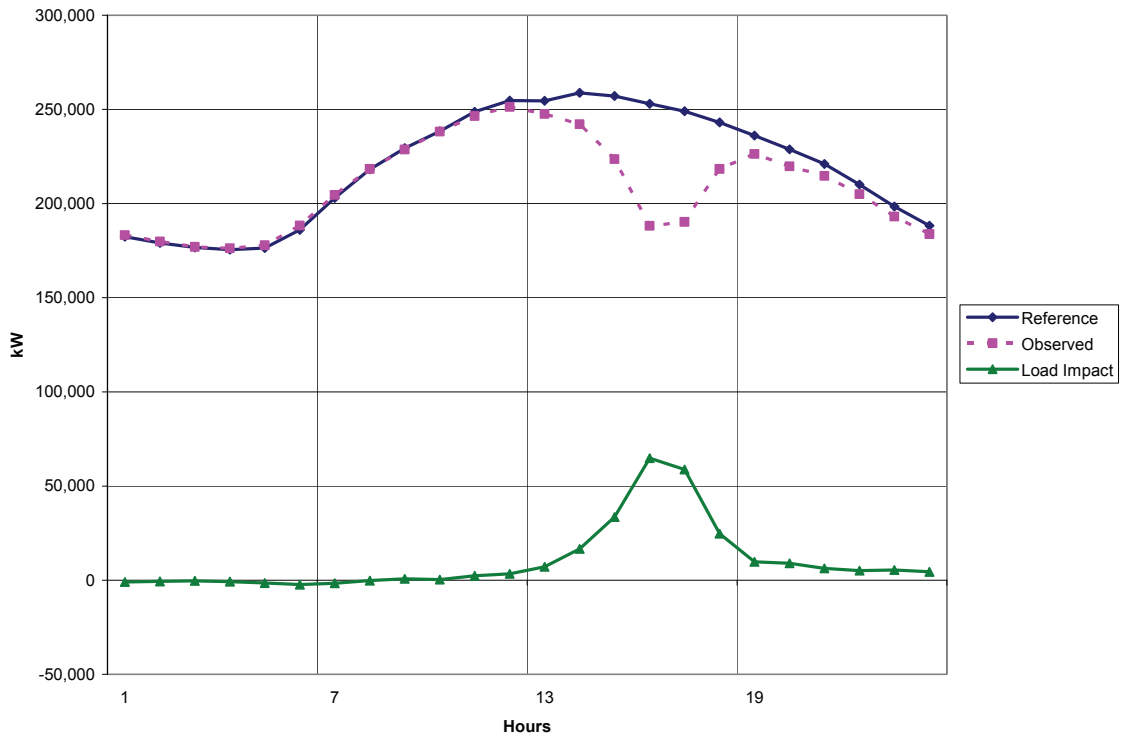
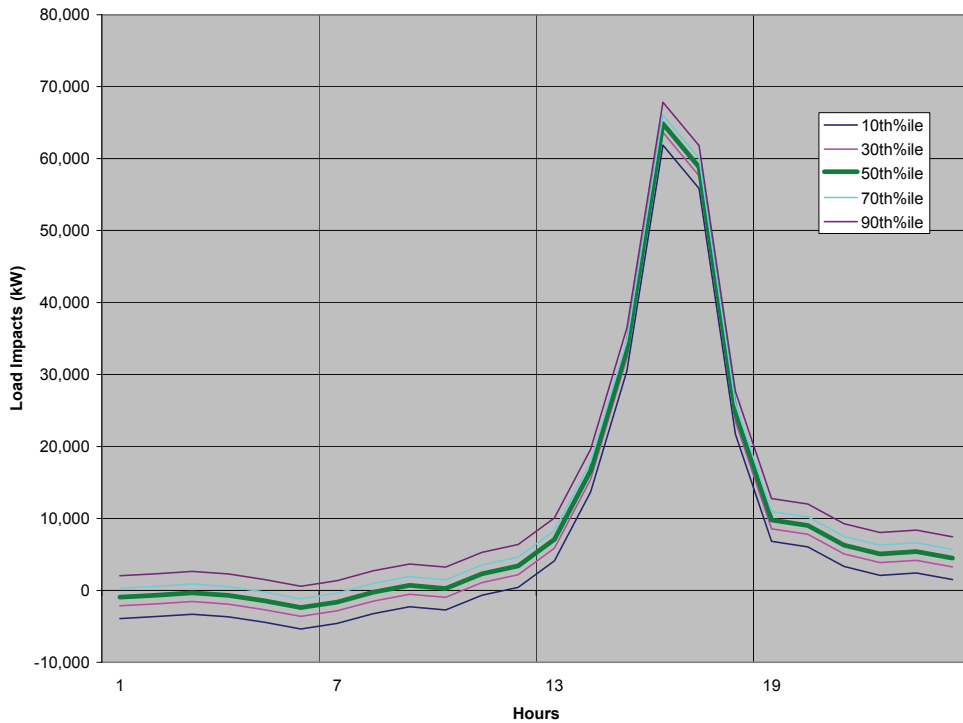
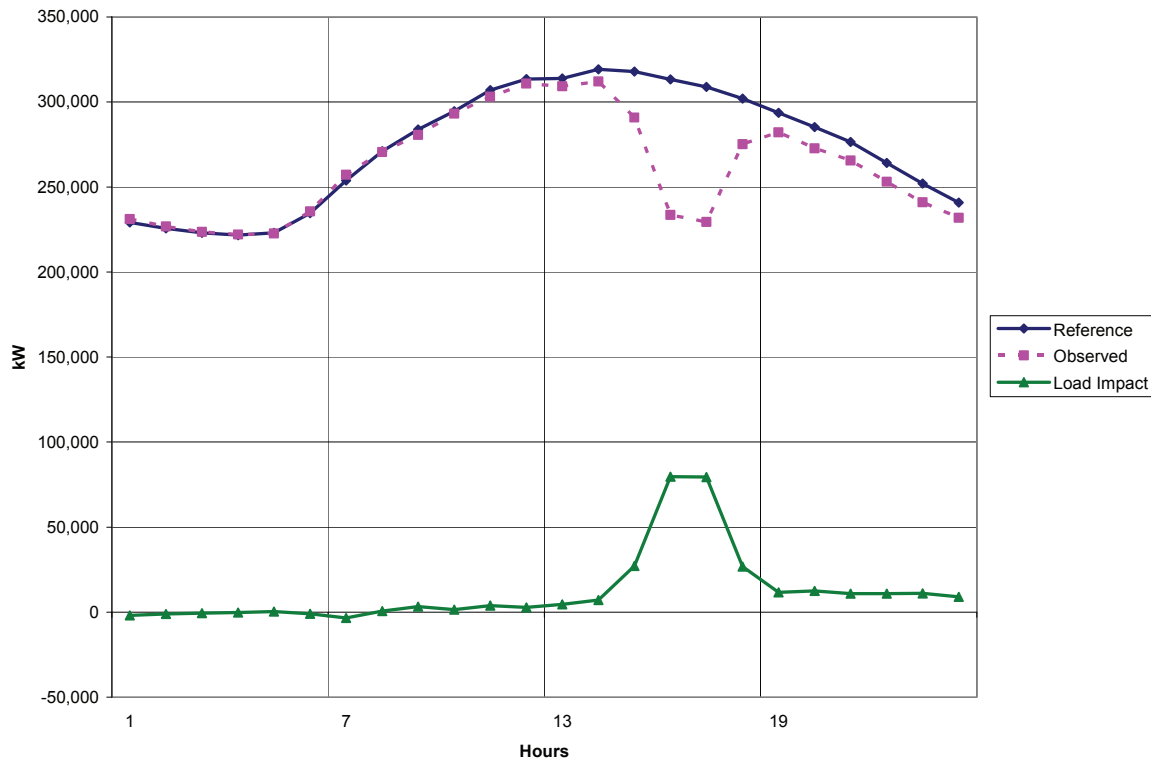


Figure 4.18: Uncertainty-Adjusted Load Impacts – PG&E Average DA & DO AMP Event



To illustrate the load impact potential by the middle of the summer, Figure 4-19 shows the reference and observed loads, and load impacts on the August 14 event 3, in which load reductions reached nearly 80 MW. These loads reached a higher level than those shown for the average event, because more customers were nominated for August than earlier in the summer.

Figure 4.19: Hourly Loads and Load Impacts – PG&E AMP Event 3 (Aug. 14)



TA/TI impacts

Approximately 35 AMP customer accounts participated in the TA/TI program and received payments prior to the August 14 event. Twenty-eight of those were different establishments of the same “big-box” retail customer. A similar number of stores from that company were enrolled in AMP but did not participate in TA/TI. We conducted two sets of analyses of those retail accounts. First, we compared the average percent load reduction on the August 14 event for the two groups of stores. The load-weighted average hourly load reduction for the 28 retail stores that *did not* participate in TA/TI was 17 percent (this compares to 15 percent load reductions for *all* AMP service accounts in industry group 4, which includes retail stores). In comparison, the average load reduction of the 28 retail stores that participated in TA/TI was 26 percent, or about 9 percentage points greater than the comparable stores which did not participate in TA/TI.

Second, since the TA/TI completion dates for all of the 28 retail stores were in July, between the first and third AMP events, we compared the average percent load reduction of the TA/TI participants for those two events, thus treating them as pre-TA/TI and post-

TA/TI events. The average load reduction for the first event, in May, was 15 percent, for the same set of customers whose August load reduction was 26 percent, as noted above. These results, while applying to a relatively small sample of customers, are consistent with a substantially greater load response capability after participation in TA/TI.⁶ For completeness, the percentage load reductions for the remaining TA/TI participants, who were spread across industry groups 1, 2 and 6, were the following:

- Industry 1 – 62 percent (one account), compared to a load-weighted average of 39 percent for all non-TA/TI accounts,
- Industry 2 – 29 percent (4 accounts), compared to a load-weighted average of 24 percent for all non-TA/TI accounts, and
- Industry 6 – 24 percent (2 accounts), compared to a load-weighted average of 11 percent for all non-TA/TI accounts.

Observed event-day loads

Figures 4.20 and 4.21 show observed loads for the first and third AMP event days, as well as for several comparable non-event days. The first figure suggests load impacts in the range of 50 MW, while the second figure indicates load reductions of at least 70 MW, both of which are consistent with the estimated average hourly load impacts reported in Table 4.14.⁷

⁶ Note that we had no information on the actual technologies installed through TA/TI, nor did we have information on any technologies that might have been installed in the non-TA/TI stores.

⁷ The line labeled *adjusted baseline* was constructed using the *shape* of the August 21 load profile, with a morning adjustment to bring the load down to the actual August 14 level.

Figure 4.20: AMP Total Load – *May 16 Event* and *June 20 Non-event*

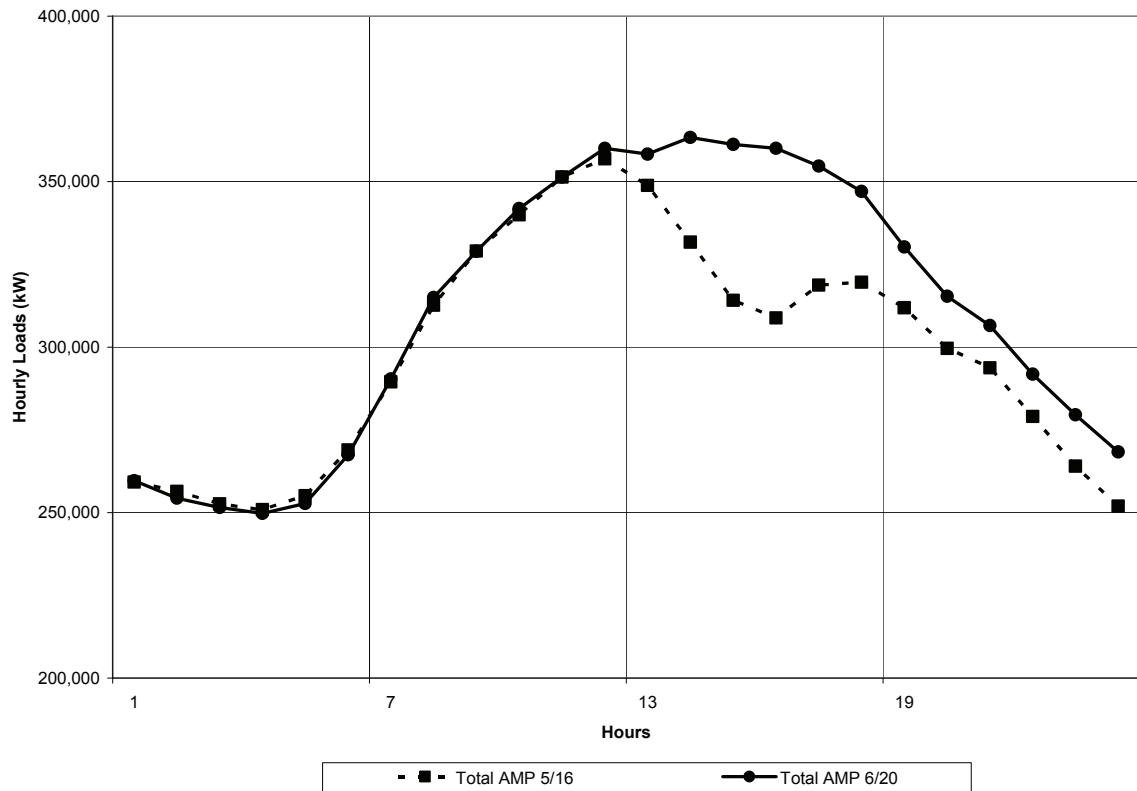
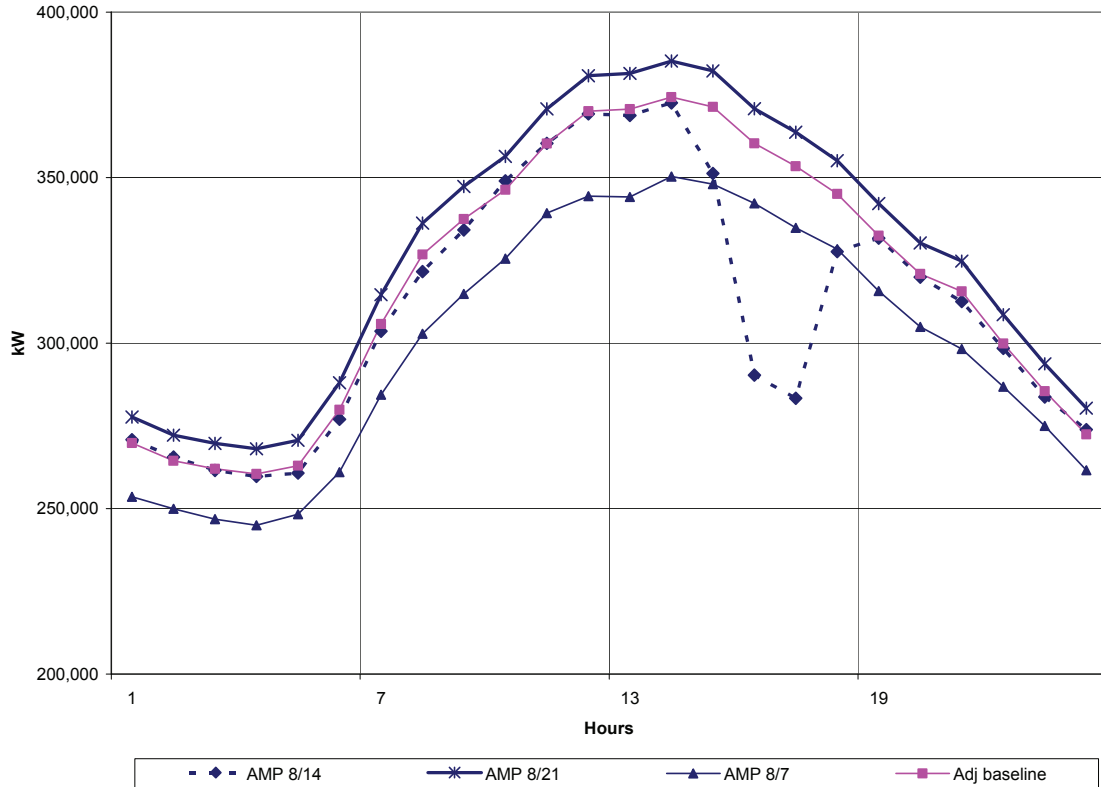


Figure 4.21: AMP Total Load – August 14 Event



4.3 DRC (SCE)

Table 4.17 shows average hourly estimated load impacts for each of SCE’s DRC events. Typical load impacts for the day-ahead events range from a few hundred kW to 2,300 kW. The estimated day-of load impacts were nearly 33 MW for the July 8 event in which all aggregators were called, and 27.1 MW for the late November 7 event, for which one large aggregator was called. Table 4.18 shows the breakdown of load impacts by industry type for the average day-ahead event (across all events in which two aggregators were called) and the day-of event for July 8, in which all aggregators were called. Table 4.19 shows the breakdown of load impacts by CAISO LCA for the average day-ahead and day-of event. The bulk of the load impacts were in the LA Basin LCA. The total load impact potential of the program may be considered as the sum of the load impacts for the DA and DO programs, or approximately 33 MW for the day-of program type and 1.1 MW for the day-ahead program type, for a total of about 34 MW.

Table 4.3: DRC Average Hourly Load Impacts by Event (kW)

Event	Date	Type	Event/ Test	Num. of Agg.	Hours	Load Impact
1	3/25/2008	DO	Test	1	HE 15-16	7,608
2	7/8/2008	DO	Event	3	HE 17-18	32,875
3	7/9/2008	DA	Test	1	HE 14-17	140
4	7/10/2008	DA	Event	1	HE 14-17	149
5	7/14/2008	DA	Event	1	HE 14-17	522
6	8/5/2008	DA	Event	1	HE 14-17	1,155
7	8/6/2008	DA	Event	2	HE 14-17	2,326
8	8/7/2008	DA	Event	2	HE 15-17	2,260
9	8/11/2008	DA	Event	2	HE 16-17	1,492
10	8/12/2008	DA	Event	2	HE 16-17	1,330
11	8/27/2008	DA	Event	2	HE 16-17	1,375
12	8/28/2008	DA	Event	2	HE 16-17	1,384
13	8/29/2008	DA	Event	2	HE 14-17	608
14	9/3/2008	DA	Event	2	HE 15-17	920
15	9/4/2008	DA	Event	2	HE 15-17	657
16	9/5/2008	DA	Event	2	HE 15-17	963
17	9/26/2008	DA	Event	2	HE 16	620
18	10/6/2008	DA	Event	2	HE 14-17	-519
19	10/13/2008	DA	Event	2	HE 15-18	838
20	10/20/2008	DA	Event	2	HE 14-17	1,364
21	11/7/2008	DO	Event	1	HE 13-14	27,101

Table 4.4: Average Hourly Load Impacts (kW) for Typical Event, by Industry Group – SCE DRC

Industry Type	Ave. DA	Ave. DO
1. Ag., Mining, Constr.	0	1,117
2. Manufacturing	65	3,746
3. Whole., Trans., Util.	98	16,689
4. Retail	991	4,436
5. Offices, hotels, services	0	2,887
6. Schools	0	3,728
7. Instit. & Govt.	0	271
Total	1,154	32,875

Table 4.5: Average Hourly Load Impacts (kW) for Typical Event, by LCA – DRC

LCA	Ave. DA	Ave. DO
LA_BASIN	702	25,803
OUTSIDE LA	52	2,044
Other	40	2,422
VENTURA	360	2,606
Total	1,154	32,875

Hourly load impacts

Tables 4.20a and 4.20b show aggregate and per customer (respectively) hourly reference load, observed load, and load impact values for the average SCE DRC event, where the average event is defined as the sum of the averages of the typical DA events for which both aggregators were called (events 7 through 20), and the second DO event (July 8), for which all three aggregators were called (since both types of events may be called on the same day). Hourly load impacts were about 21 percent of the reference load in hours 17-18 which were the hours of the DO event. The 10th and 90th percentile load impacts in those hours are estimated to lie about 7 percent below and above the estimated load impacts for the average event. Figure 4.22 illustrates the loads and load impacts for the average event, while Figure 4.23 illustrates the uncertainty-adjusted load impacts. The bulk of the DRC load impacts come from the DO contracts. This is shown in the summary of average hourly load impacts in Table 4.17 above, and illustrated in Figure 4.24 below, which shows loads and load impacts for a typical DA event (August 27), for which the average load impact was 1.4 MW.

Table 4.20a: Aggregate Hourly Load Impacts – Typical SCE DRC DA & DO Event

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	125,739	124,831	908	67	-1,455	-59	908	1,875	3,271
2	122,632	121,997	635	66	-1,728	-332	635	1,602	2,999
3	119,907	120,290	-383	66	-2,747	-1,350	-383	584	1,980
4	118,899	120,262	-1,364	65	-3,727	-2,331	-1,364	-397	1,000
5	120,211	122,442	-2,231	65	-4,595	-3,198	-2,231	-1,264	132
6	124,702	127,582	-2,879	64	-5,243	-3,846	-2,879	-1,912	-516
7	134,629	137,291	-2,662	64	-5,025	-3,629	-2,662	-1,695	-298
8	142,663	144,665	-2,002	66	-4,366	-2,969	-2,002	-1,035	361
9	152,074	152,811	-736	70	-3,100	-1,704	-736	231	1,627
10	156,400	158,095	-1,695	74	-4,059	-2,662	-1,695	-728	668
11	163,248	156,543	6,705	78	4,341	5,738	6,705	7,672	9,068
12	163,493	165,529	-2,036	81	-4,400	-3,003	-2,036	-1,069	327
13	160,743	162,985	-2,241	83	-4,605	-3,209	-2,241	-1,274	122
14	161,601	162,151	-550	84	-2,914	-1,517	-550	417	1,813
15	161,385	162,264	-879	84	-3,242	-1,846	-879	88	1,484
16	159,945	151,992	7,953	84	5,590	6,986	7,953	8,921	10,317
17	158,136	124,795	33,341	82	30,978	32,374	33,341	34,308	35,705
18	155,019	121,350	33,669	80	31,306	32,702	33,669	34,636	36,033
19	155,551	139,243	16,307	78	13,944	15,340	16,307	17,274	18,670
20	157,003	150,457	6,546	75	4,182	5,579	6,546	7,513	8,909
21	157,580	155,742	1,838	72	-525	871	1,838	2,805	4,202
22	150,410	150,263	146	70	-2,217	-821	146	1,114	2,510
23	136,634	134,812	1,823	69	-541	856	1,823	2,790	4,186
24	130,579	129,379	1,200	68	-1,163	233	1,200	2,167	3,563
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	3,489,183	3,397,771	91,412	57.4	n/a	n/a	n/a	n/a	n/a

Table 4.20b: Per Customer Hourly Load Impacts – Typical SCE DRC DA & DO Event

Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	274	272	2	67	-3	0	2	4	7
2	267	266	1	66	-4	-1	1	3	7
3	261	262	-1	66	-6	-3	-1	1	4
4	259	262	-3	65	-8	-5	-3	-1	2
5	262	267	-5	65	-10	-7	-5	-3	0
6	272	278	-6	64	-11	-8	-6	-4	-1
7	293	299	-6	64	-11	-8	-6	-4	-1
8	311	315	-4	66	-10	-6	-4	-2	1
9	331	333	-2	70	-7	-4	-2	1	4
10	341	344	-4	74	-9	-6	-4	-2	1
11	356	341	15	78	9	12	15	17	20
12	356	361	-4	81	-10	-7	-4	-2	1
13	350	355	-5	83	-10	-7	-5	-3	0
14	352	353	-1	84	-6	-3	-1	1	4
15	352	353	-2	84	-7	-4	-2	0	3
16	348	331	17	84	12	15	17	19	22
17	344	272	73	82	67	71	73	75	78
18	338	264	73	80	68	71	73	75	78
19	339	303	36	78	30	33	36	38	41
20	342	328	14	75	9	12	14	16	19
21	343	339	4	72	-1	2	4	6	9
22	328	327	0	70	-5	-2	0	2	5
23	298	294	4	69	-1	2	4	6	9
24	284	282	3	68	-3	1	3	5	8
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 oF)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	7,600	7,401	199	57.4	n/a	n/a	n/a	n/a	n/a

Figure 4.22: Hourly Loads and Load Impacts – Typical SCE DRC DA & DO Event

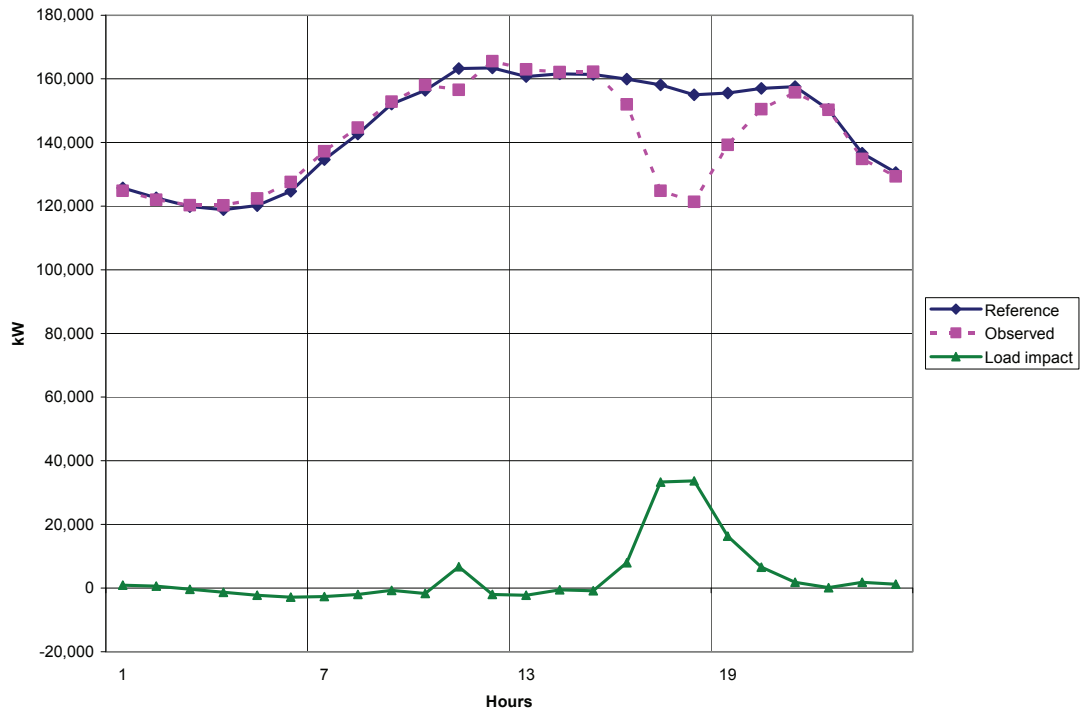


Figure 4.23: Uncertainty-Adjusted Load Impacts – Typical SCE DRC DA & DO Event

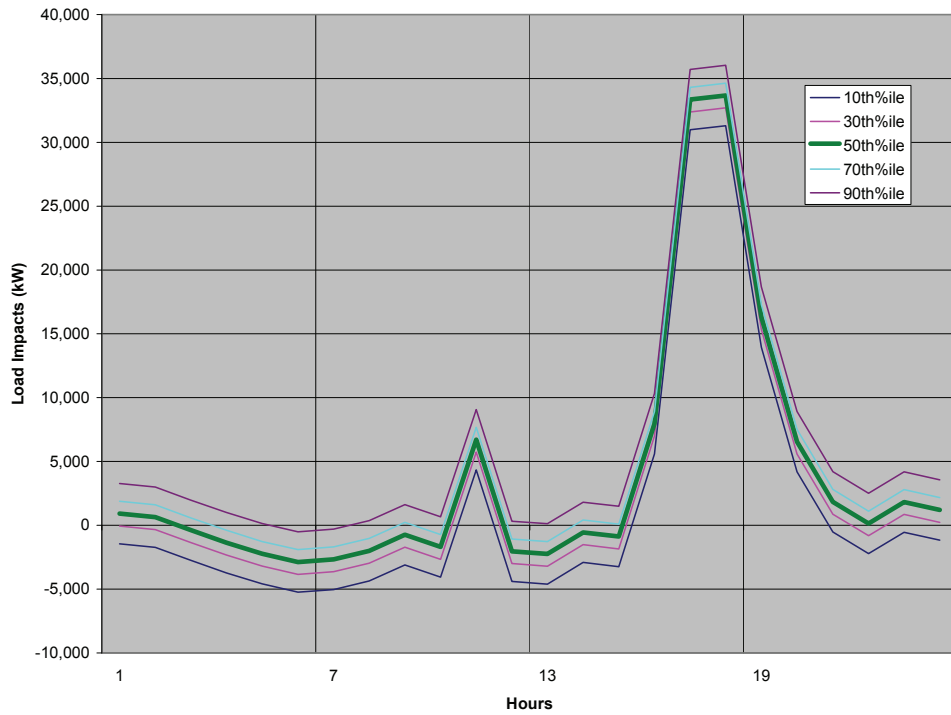
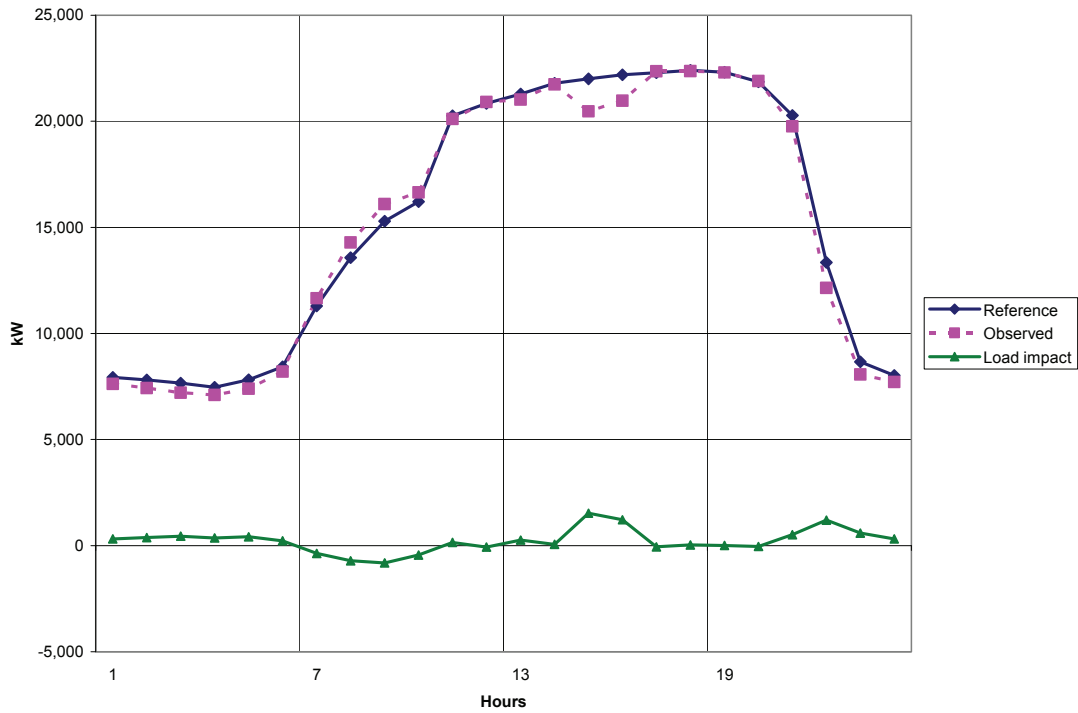


Figure 4.24: DRC Load Impacts – August 27 DA Event Day



TA/TI impacts

Only four DRC enrollees participated in TA/TI prior to events in which they were called (several others participated later in 2008). Thus, no formal analysis is warranted. Three of the participants were water utilities, which tend to be very responsive in any case. The three averaged greater than 50 percent load reductions, compared to 36 percent for all other industry group 3 customers. The other participant was a hotel that achieved 13 percent load impacts, which is in line with other industry group 5 customers.

Observed event-day loads

As confirmation of the estimated overall program load impacts, Figure 4.25 shows the total DRC load for the average DA events, and for a comparable set of non-event days. Figure 4.26 shows the total DRC load on the July 8 DO event, in which all three DO aggregators were called.

Figure 4.25: SCE DRC Average of Day-Ahead Events 7 - 17

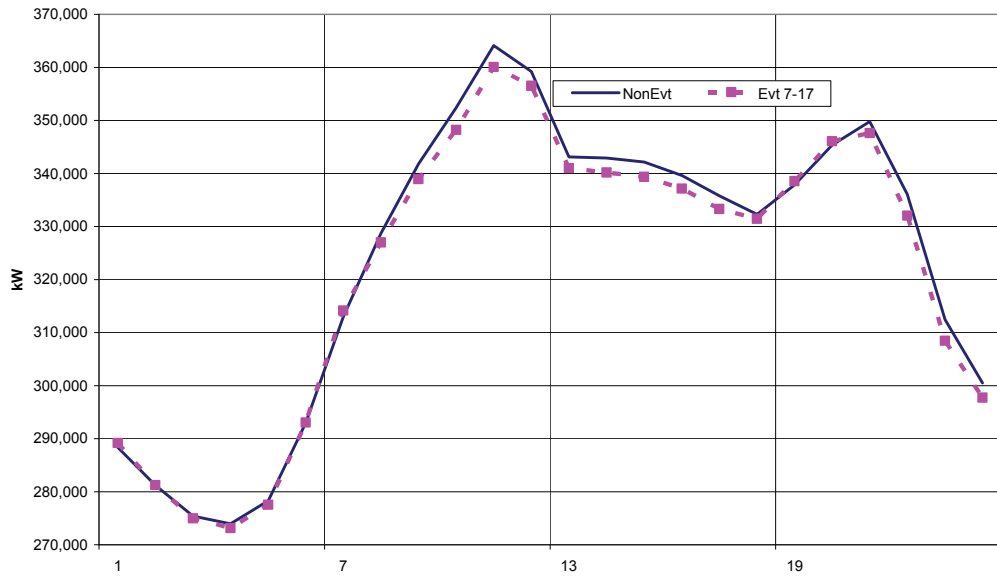
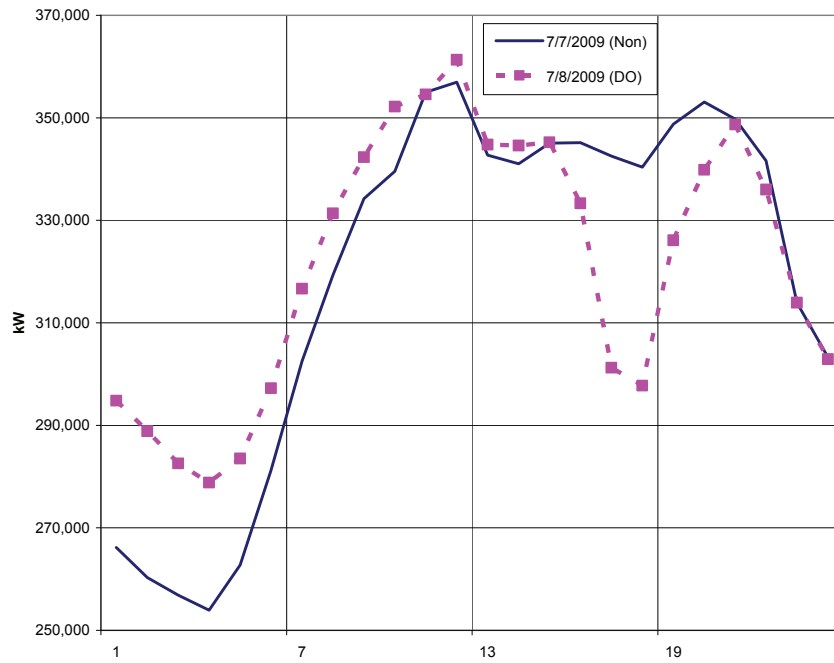


Figure 4.26: SCE DRC Day-Of Event – July 8, 2008



5. Ex Ante Load Impacts

This section documents the preparation of ex ante forecasts for 2009 to 2020 of reference loads and load impacts for the aggregator demand response programs offered by PG&E, SCE and SDG&E. These include CBP for all three utilities, AMP for PG&E, and DRC for SCE. The forecasts of load impacts were developed in two primary stages. First, estimates of reference loads and percentage load impacts were developed based on the ex post load impact evaluations of historical data on events in 2008 that was described in the previous sections. Second, the simulated reference loads and load impacts were combined with forecasts of program enrollment to develop forecasts of load impacts. Separate forecasts were developed by *customer size*, *industry type* (according to NAICS or SIC codes), and *CAISO Local Capacity Area*, as well as by the event day-types described in Section 5.1 below. For PG&E, enrollment forecasts were provided through a separate contract with The Brattle Group. SCE and SDG&E provided the enrollment forecasts for their programs.

The following subsections describe the nature of the ex ante load impact forecasts required, the methods used to produce them, detailed study findings, and recommendations.

5.1 Ex Ante Load Impact Requirements

The DR Load Impact Evaluation Protocols require that hourly load impact forecasts for event-based DR resources must be reported by the following factors (in addition to the customer size, customer type and LCA factors noted above):

- For a typical event day in each year; and
- For the monthly system peak load day in each month for which the resource is available;

under both:

- 1-in-2 weather-year conditions, and
- 1-in-10 weather-year conditions.

at both:

- the program level (*i.e.*, in which only the program in question is called), and
- the portfolio level (*i.e.*, in which all demand response programs are called).

5.2 Description of Methods

This section describes methods used to develop relevant groups of customers, to develop reference loads for the relevant customer types and event day-types, and to develop percentage load impacts for a typical event day.

5.2.1 Development of Customer Groups

Customer accounts were assigned to one of three size groups, eight industry types (defined in Section 2.2), and any relevant LCA based on information provided by the utilities. The three size groups were the following:

- Small – maximum demand less than 20 kW;⁸
- Medium – maximum demand between 20 and 200 kW;
- Large – maximum demand greater than 200 kW.

⁸ SDG&E and SCE forecast that there will be no customers in this size group on CBP.

The specific definition of “maximum demand” differed by utility. For PG&E and SCE, the size definition was based on the tariff on which the customer is served. For example, a tariff may require that a customer’s monthly peak demand exceeds 20kW for three out of the previous twelve months. For SDG&E, the size definition was based on each customer’s maximum summer on-peak demand.

PG&E and SCE provided the ability to associate customers with an LCA. PG&E mapped each distribution feeder to one of its seven LCAs, while SCE based its mapping on a combination of substations and zip codes.

5.2.2 Development of Reference Loads and Load Impacts

Reference loads and load impacts for all of the above factors were developed in the following series of steps:

1. Define data sources
2. Simulate reference loads by cell
3. Calculate forecast percentage load impacts by cell
4. Apply percentage load impacts to the reference loads
5. Scale the reference loads using enrollment forecasts

Each of these steps is described below.

Define data sources

No major design changes are planned for any of the aggregator programs. Because of this, there is a close link between the results of the ex post analyses conducted for the 2008 program year and the ex ante load impacts. That is, the historical customer loads serve as the source of the ex ante reference loads and the historical percentage load impacts serve as the source of the ex ante load impacts. There is no need to convert historical load impacts to price elasticities because the price signal is not expected to change. This contrasts with our CPP/PDP ex ante load impact study, in which elasticity estimates were developed to account for significant changes in event day prices in the forecast period.

Simulate reference loads

For each program, we estimated regression equations for each customer account, using data for 2008. The purpose of these equations was to simulate reference loads by customer type for the various scenarios required by the Protocols (*e.g.*, the typical event day in a 1-in-2 weather year).

These equations were similar in design to the ex post load impact equations described in Section 3.1. There was one primary difference between the ex post and ex ante regression models: the ex ante models excluded the morning-usage variable. While this variable is useful for increasing accuracy in estimating ex post load impacts for particular events, it complicates the use of the equations in ex ante simulation. That is, it requires one to separately simulate the level of the morning load.

The definitions of the 1-in-2 and 1-in-10 weather years differed by utility, as shown in Table 5.1. For SDG&E, the year shown was used to generate the typical event days. Unlike SCE and PG&E, SDG&E selected from different years to develop its scenarios of peak load days by month.

Table 5.1: Weather Year Definitions by Utility

Utility	1-in-2 Weather Year	1-in-10 Weather Year
PG&E	2004	2003
SCE	2002	1998
SDG&E	2004*	2007*

For SCE’s CBP and DRC programs, we developed separate load profiles at three levels of aggregation for each size category: all enrolled customers; by industry group; and by LCA. These correspond to the reporting levels required in the Protocols. This method is feasible because SCE did not provide enrollments by cell (*i.e.*, combinations of industry groups and LCAs) for these programs. Specifically, SCE specified that CBP enrollments would increase 5 percent per year through 2012; and SCE forecast DRC enrollments by aggregator and notice level (day ahead and day of).

For PG&E’s AMP and CBP programs, we developed per-customer load profiles for all interactions of size group, industry group, and LCA. Because of small sample sizes in some cells, we pooled all of the customer load profiles across LCAs to arrive at a set of simulation coefficients that was common to each size and industry group combination. Differences in the load profiles across LCAs were solely due to differences in the weather conditions used in the simulations. This method conformed to the enrollment forecast developed for PG&E by The Brattle Group, which forecast the number of enrolled customers in each cell.

For SDG&E’s CBP program, we developed per-customer load profiles for by industry group, notice level and hours of availability (*e.g.*, manufacturing customers called with day-ahead notice for a four-hour event window). This method conformed to the enrollment forecast provided by SDG&E, which specified the number of enrolled customers within each group.

Calculate forecast percentage load impacts

The first step in developing the forecast percentage load impacts was to determine the definition of a “typical event day” during which the load impacts were to be measured. This was complicated by the fact that the aggregator DR program events, as implemented in 2008, differ somewhat from those of some of the other DR programs, in that many of the events called differed in terms of program type (*e.g.*, day-ahead or day-of), event length (*e.g.*, as short as one hour, to as long as 6 hours, depending in part on the aggregator contracts), and the particular hours called. As a result, in many cases there was no obvious definition of a “typical” event in 2008. However, a definition of a typical event was needed for the ex ante forecast period that would allow us to forecast the load impact that would occur if all nominated customers were called on the same day. The following

procedures were used to define typical events for both the historical period and the forecast period:

- *Historical period.* The procedure for developing a typical event day varied by utility and program, depending on the nature of the events called in 2008. For the PG&E and SDG&E CBP programs, only two events were called – one day-ahead event and one day-of event. To simulate an event in which both program types are simultaneously called, the load impacts for a typical event were defined as the sum of the load impacts for the two program-types. For the SCE CBP program, the load impacts for a typical event were defined as the sum of the average DA event (the average across all but the 1-hour September 26 event for which not all aggregators were called) and the average DO event. A similar definition applied for SCE’s DRC program, for which the average DA event was defined across all events in which both aggregators were called, and the typical DO event was the one event in which all three aggregators were called. Finally, for PG&E’s AMP program, a typical event was defined as the average of the two events in which *both* the DA and DO program types were called.
- *Forecast period.* Although events of many different hours were called in 2008 for the various programs, a standardized event was needed for the ex ante forecast. PG&E defined a consistent four-hour event across all DR programs, for hours-ending 14-17. For SCE and SDG&E, we specified an eight-hour event, from hours-ending 12 to 19 to cover the entire window for which an event may be called.

The percentage load impacts were developed separately for each industry group (or, for SDG&E, for each industry group, notice level and event duration) and were based on the 2008 ex post load impact estimates. We estimated the percentage load impacts during event and non-event hours, with the *enrolled* reference load serving as the denominator. The use of enrolled loads in place of loads of customers who submit bids embeds the assumption that future nomination patterns match historical patterns. In addition, because The Brattle Group and SDG&E provided forecasts of enrollments but not of nominations, our results needed to be expressed on a per enrolled customer basis.

For PG&E, load impacts were differentiated by event hours, hours adjacent to the event hours, and all other non-event hours. These load impacts were estimated in the ex ante regression models, with the event-hour variables modified to reflect these groupings (versus the hourly impacts used in the ex post models). For SCE and SDG&E, the load impacts were differentiated by event hours and non-event hours and were developed directly from the ex post load impact estimates.

Apply percentage load impacts to reference loads for each event scenario. In this step, the percentage load impacts were applied to the reference loads for each scenario to produce all of the required reference loads, estimated event-day loads, and scenarios of load impacts.

Apply forecast enrollment to produce program-level load impacts. For PG&E’s program, The Brattle Group produced load impacts by industry group, LCA, and at the program level

by applying the database created in the previous step to the enrollment forecasts. The per-customer reference loads and load impacts were first scaled to match the expected size of customers in the enrollment forecast and then multiplied by the number of enrolled customers to obtain cell-level results. Program-level results were obtained by aggregating results across cells.

For SCE, we simply scaled the results for all levels of reporting using ratios specific to each program. For CBP, the results were increased by 5 percent per year through 2012 and held constant for the remainder of the forecast years. Table 5.2 summarizes the scaling factors used for DRC. The scaling factors are the ratio of the forecast year's contract MW to the contract MW on August 1, 2008. Customers with day-ahead and day-of notice are separately scaled.

Table 5.2: SCE DR Contracts Enrollment Assumptions

Year	Day-Ahead		Day-Of	
	Contract MW	Scaling Factor	Contract MW	Scaling Factor
8/1/2008	6		57.5	
2009	24	4.0	95.0	1.7
2010	54	9.0	130.0	2.3
2011	63	10.5	180.0	3.1
2012 and beyond	45	7.5	190.0	3.3

For SDG&E's CBP program, the process of creating the program-level load impacts was similar to the one used for PG&E's programs, in that per-customer reference loads and load impacts were scaled to aggregated levels (program or industry group level) using a forecast of the number of enrolled customers in each customer group. SDG&E provided the enrollment forecast, which consisted of the monthly number of customers in each group.

5.3 Detailed Findings

This section summarizes the enrollment forecasts, percentage load impacts, and resulting reference loads and load impacts from the ex ante evaluation.

5.3.1 Enrollment Forecasts

The enrollment forecasts provided by PG&E (as performed by The Brattle Group), SCE and SDG&E for their CBP programs are illustrated in Figures 5.1 through 5.3. SCE assumes a 5 percent growth rate in enrollment through 2012, with enrollments constant for the remainder of the forecast period. SDG&E anticipates growth until 2011, with steady enrollment after that date.

Figure 5.1: Enrollment Forecasts – PG&E CBP

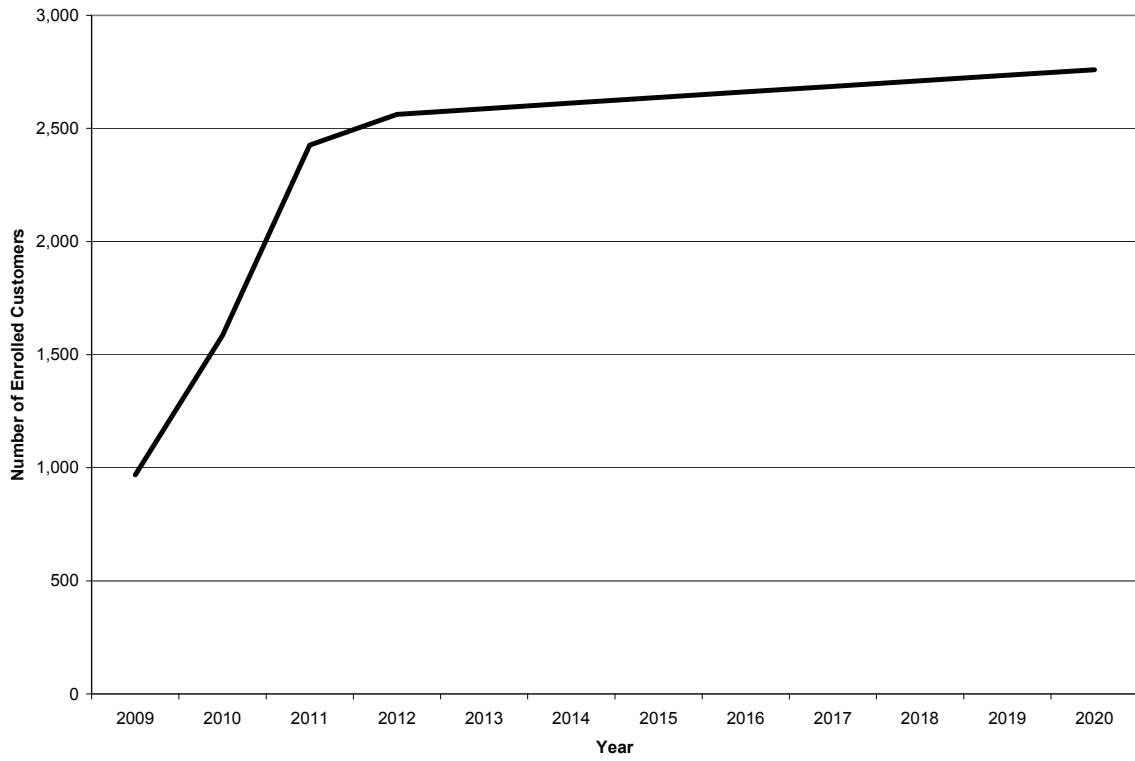


Figure 5.2: Enrollment Forecasts – SCE CBP

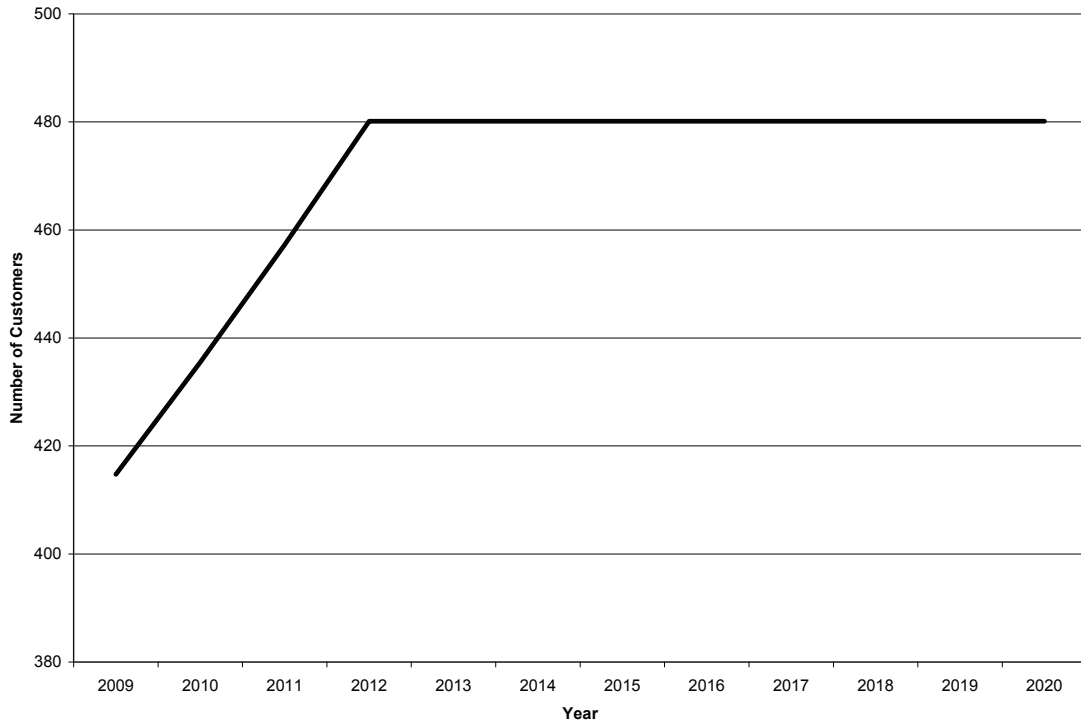


Figure 5.3: Enrollment Forecasts – SDG&E CBP

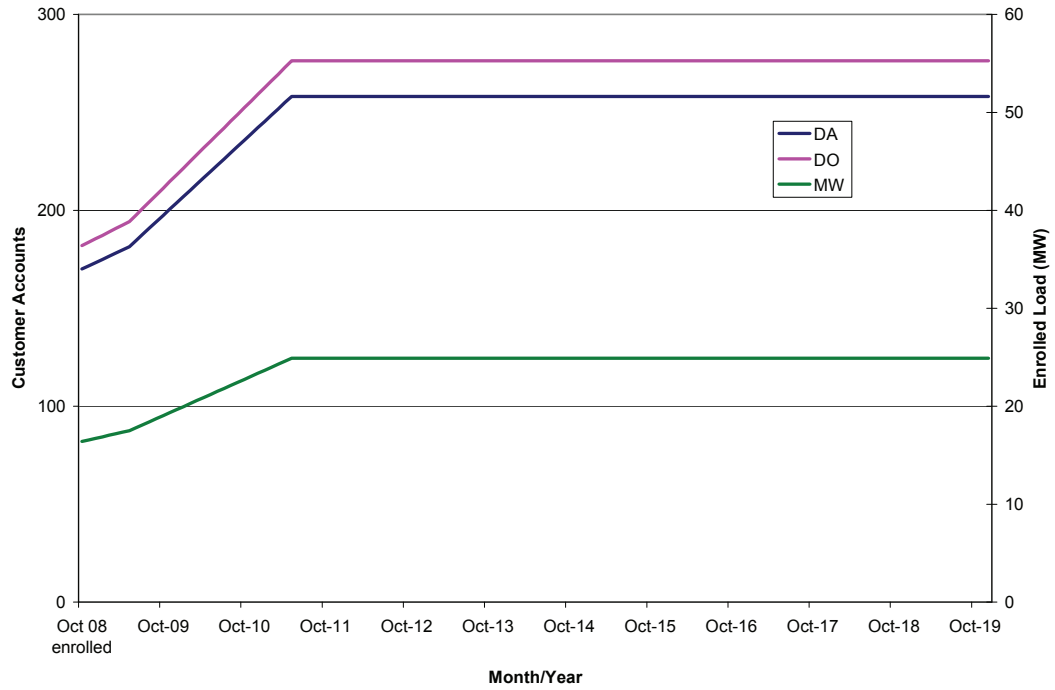


Figure 5.4 summarizes SCE’s DRC contract load amounts by DA and DO program types for 2008 and the expected contract amounts through 2012. We scaled the DRC reference loads to correspond to the expected growth in contract amounts over that period.

Figure 5.5 summarizes PG&E’s AMP enrollment forecast. Enrollments are expected to increase from 749 customers in May 2009 to 2,311 by May 2011, at which point the number of enrolled customers remains constant through 2020.

Figure 5.4: Expected Contract Amounts – SCE DRC

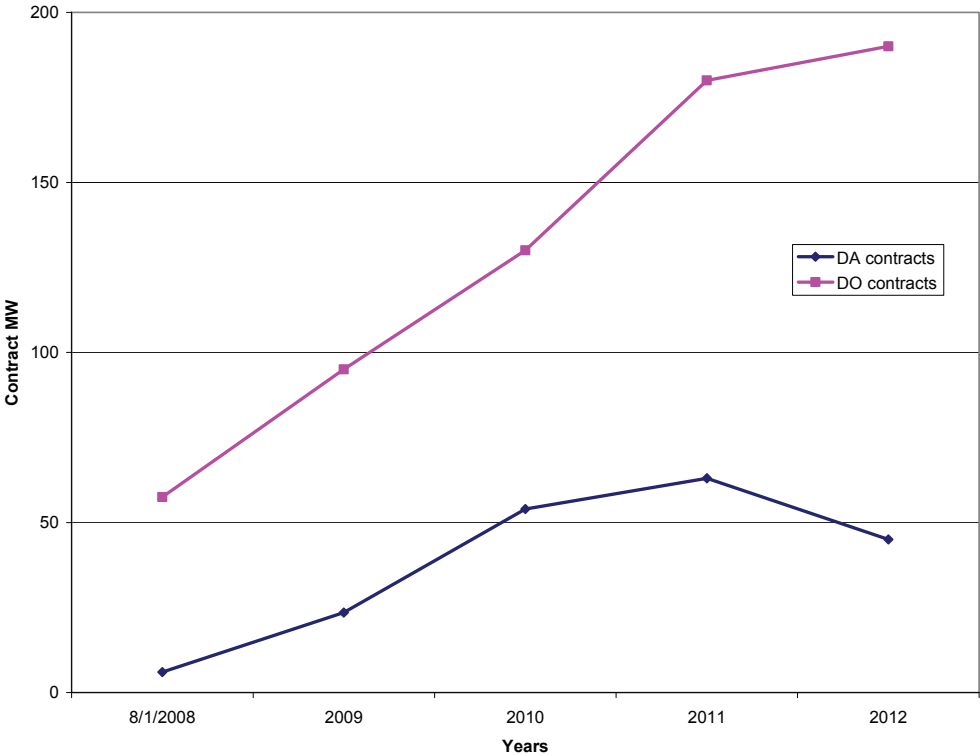
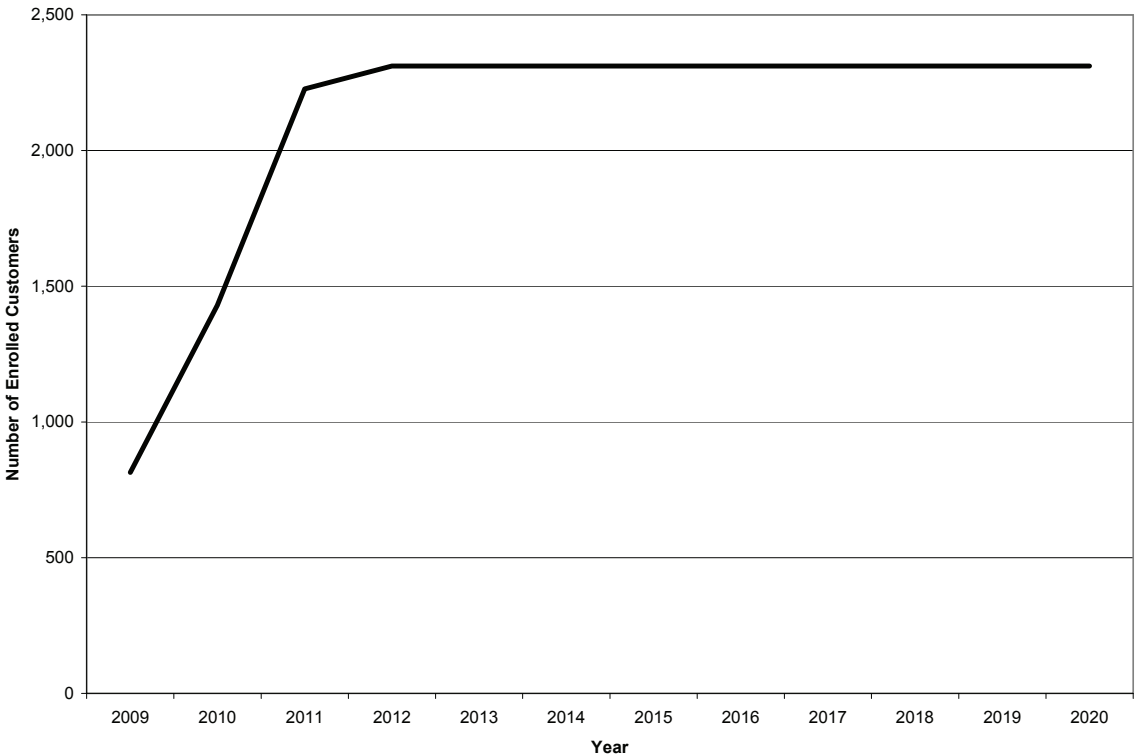


Figure 5.5: Enrollment Forecasts – PG&E AMP



5.3.2 Reference Loads and Load Impacts

For each utility and program, we provide the following summary information:

1. A figure showing the hourly reference load, event-day load, and load impacts for the typical event day in a 1-in-2 weather year;
2. A pie chart showing the share of load impacts by LCA (except for SDG&E);
3. A pie chart showing the share of load impacts by industry group;
4. Average event-hour load impacts by year; and
5. Average event-hour load impacts by peak month day.

Together, these figures provide a good indication of the variability in the forecast load impacts according to the variations produced according to the Protocol's requirements. The tables required by the Protocols are provided in the Appendix.

PG&E CBP

Figure PG&E CBP 1 shows the August 2012 forecast load impacts for a typical event day in a 1-in-2 weather year.⁹ Event-hour load impacts range from 41.6 MW to 44.4 MW, which represent approximately 7.7 percent of the enrolled reference load.

Figures PG&E CBP 2 and 3 show how the load impacts are distributed by LCA and industry group. Nearly half of the load impacts come from customers in the Greater Bay Area LCA; and Retail and Manufacturing customer types account for the largest shares of load impacts, at 48 percent and 23 percent of the total respectively.

Figure PG&E CBP 4 illustrates the average hourly load impact across years for the August peak day in 1-in-2 and 1-in-10 weather years. The load impacts in this figure mirror the enrollments shown in Figure 5.1, with impacts rapidly increasing to approximately 42 MW in 2011, after which there are modest increases.

⁹ For this program, program-level impacts and portfolio-level impacts are the same.

Figure PG&E CBP 1: Hourly Event Day Load Impacts for the Typical Event Day in a 1-in-2 Weather Year for August 2012

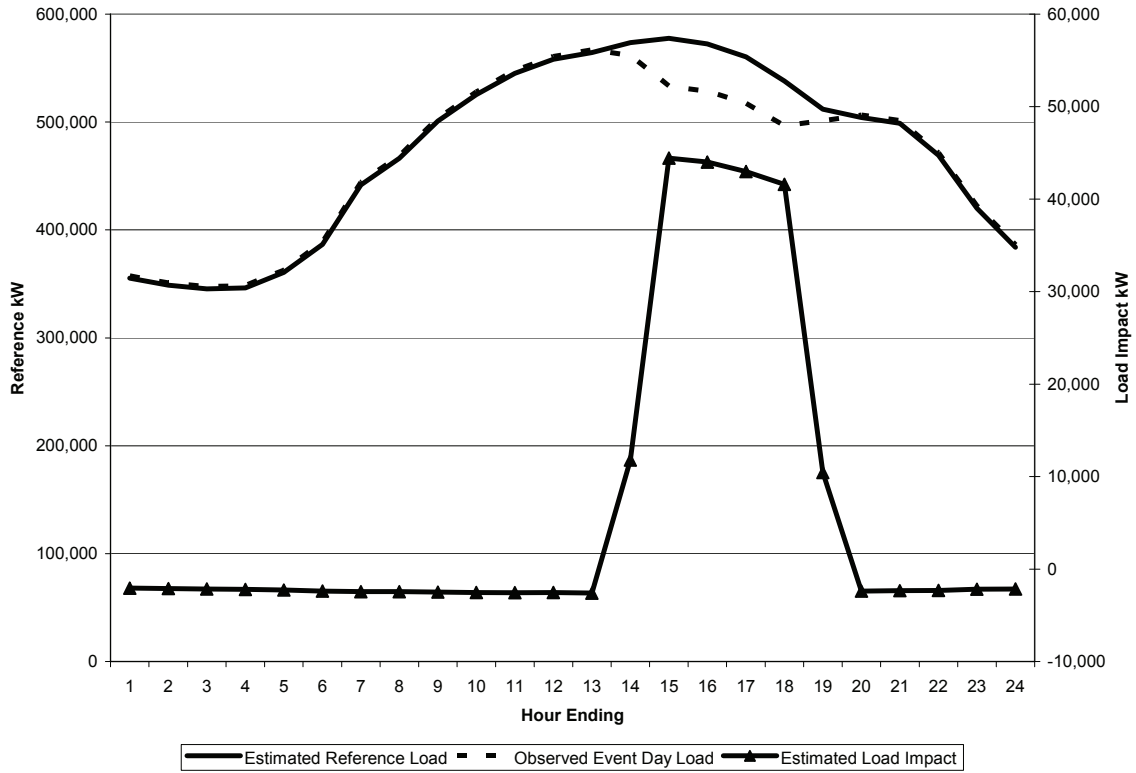


Figure PG&E CBP 2: Share of Load Impacts by LCA for the August 2012 Peak Day in a 1-in-2 Weather Year

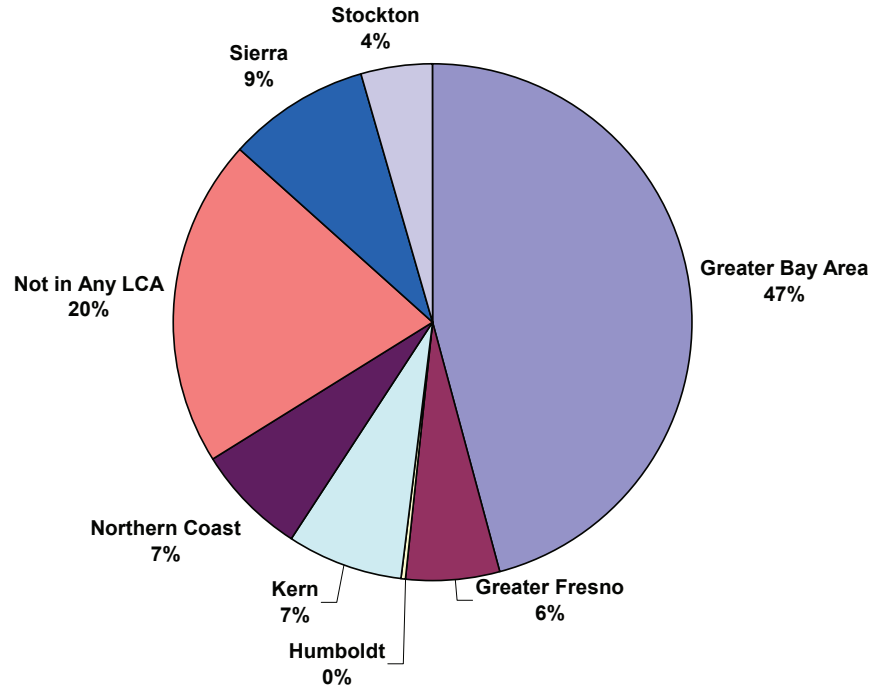


Figure PG&E CBP 3: Share of Load Impacts by Industry Group for the August 2012 Peak Day in a 1-in-2 Weather Year

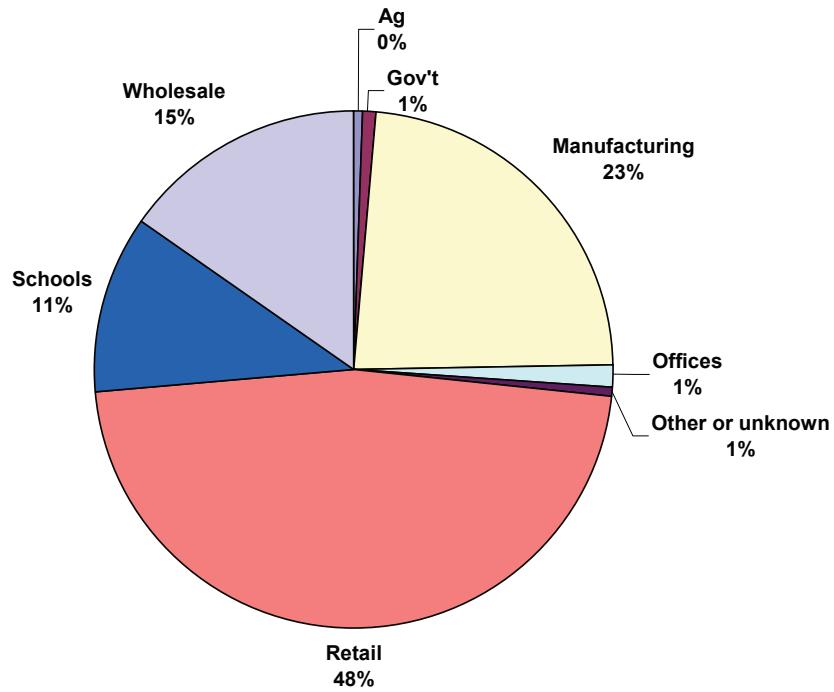
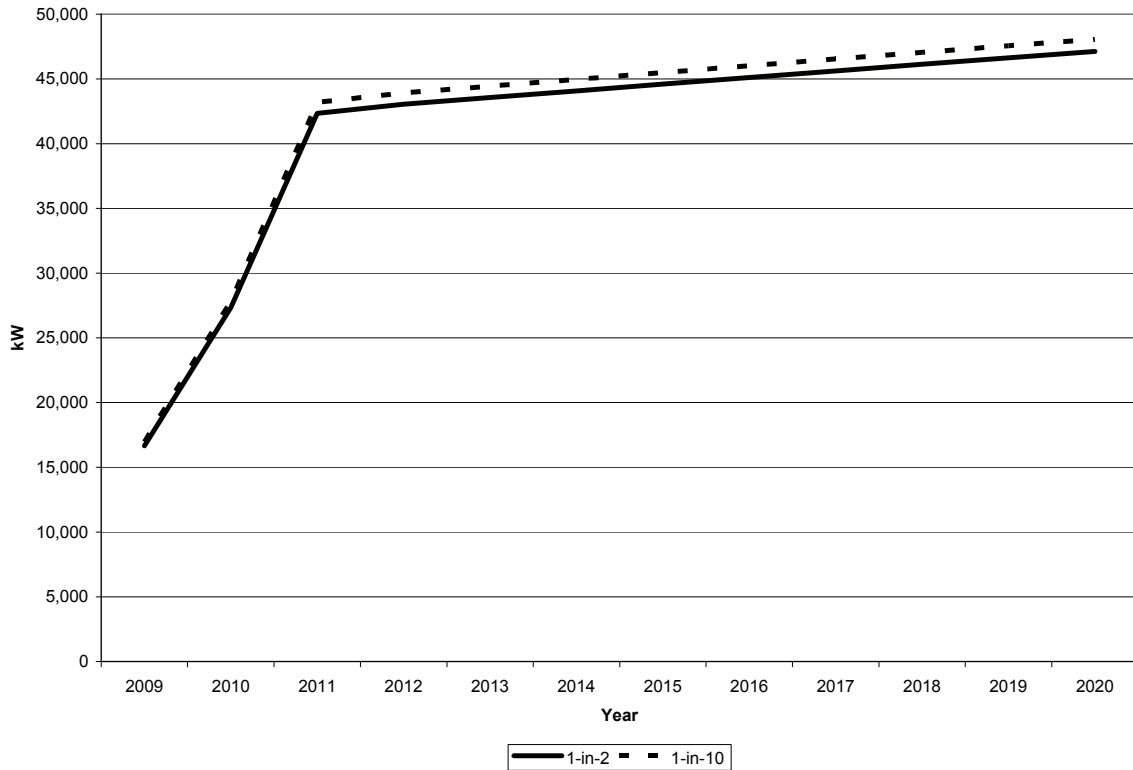


Figure PG&E CBP 4: Load Impacts by Year for the August Peak Day in 1-in-2 and 1-in-10 Weather Years



SCE CBP

Figure SCE CBP 1 shows the forecast load impacts for a typical event day in a 1-in-2 weather year. The values in the figure apply to the years 2012 through 2020, as SCE’s forecast enrollment does not change after 2012. Event-hour load impacts range from 12.8 MW to 13.4 MW, which is approximately 10.9 percent of the enrolled reference load. Non-event hour load impacts average an increase of 0.5 MW, or 0.6 percent of the reference load in those hours.

Figures SCE CBP 2 and 3 show how the load impacts are distributed by LCA and industry group. Seventy-four percent of the load impacts come from customers in the LA Basin LCA; and ninety percent of the load impacts are from retail customers.

Figure SCE CBP 4 illustrates the average hourly load impact across years for the typical event day in both 1-in-2 and 1-in-10 weather years. As with the enrollment forecasts, the level of load impacts does not change after 2012, when the load impact is approximately 13.2 MW in a 1-in-2 weather year and 13.6 MW in a 1-in-10 weather year.

Figure SCE CBP 5 illustrates the load impact across monthly peak days of a 1-in-2 weather year. Little variation exists across the months, with a minimum load impact of 12.1 MW in May and a maximum load impact of 13.4 MW in July.

Figure SCE CBP 1: Hourly Event Day Load Impacts for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

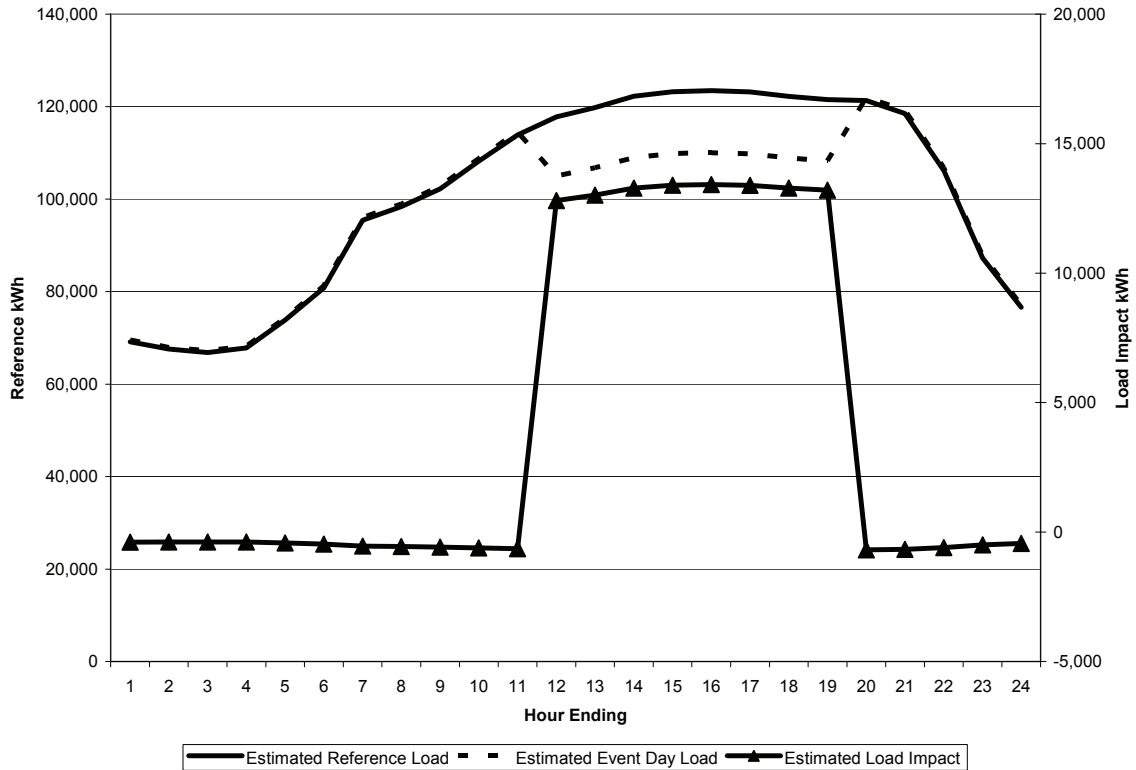


Figure SCE CBP 2: Share of Load Impacts by LCA for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

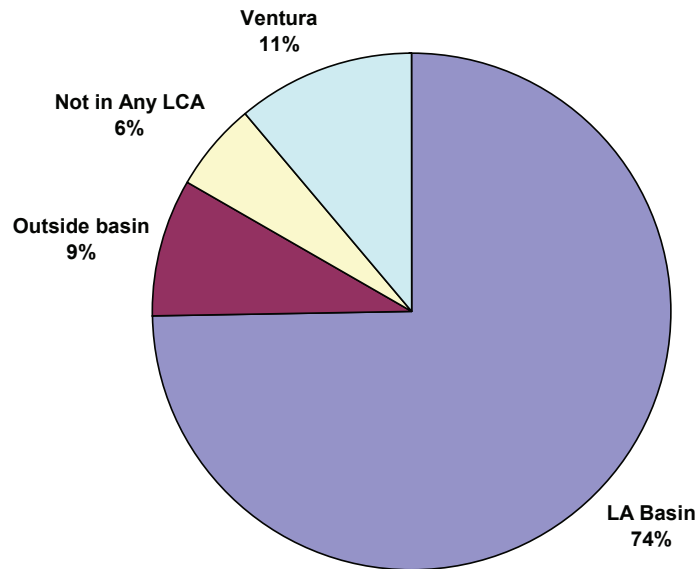


Figure SCE CBP 3: Share of Load Impacts by Industry Group for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

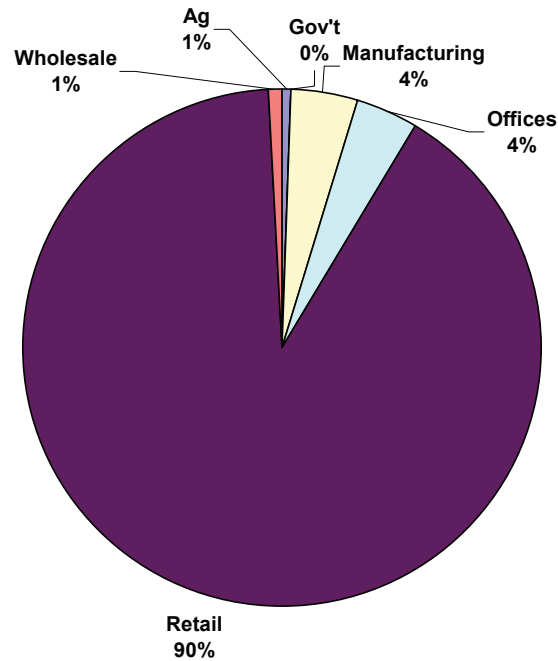


Figure SCE CBP 4: Average Event-Hour Load Impacts by Forecast Year and Weather Scenario for the Typical Event Day

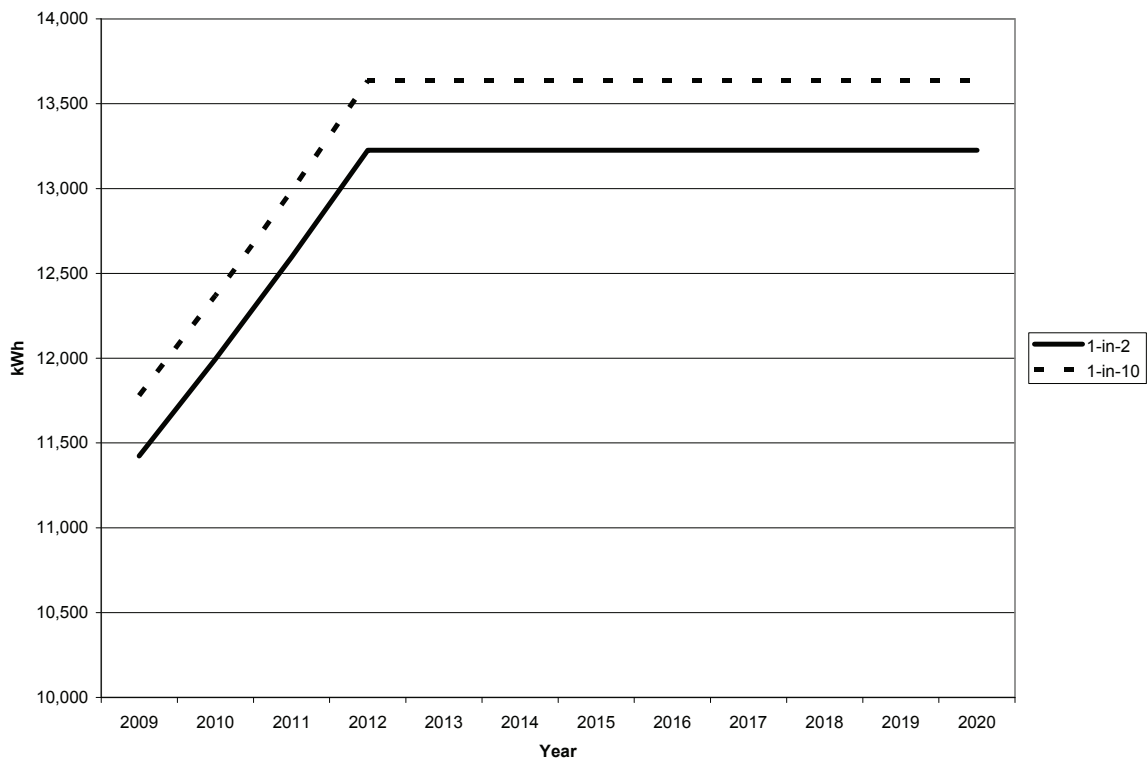
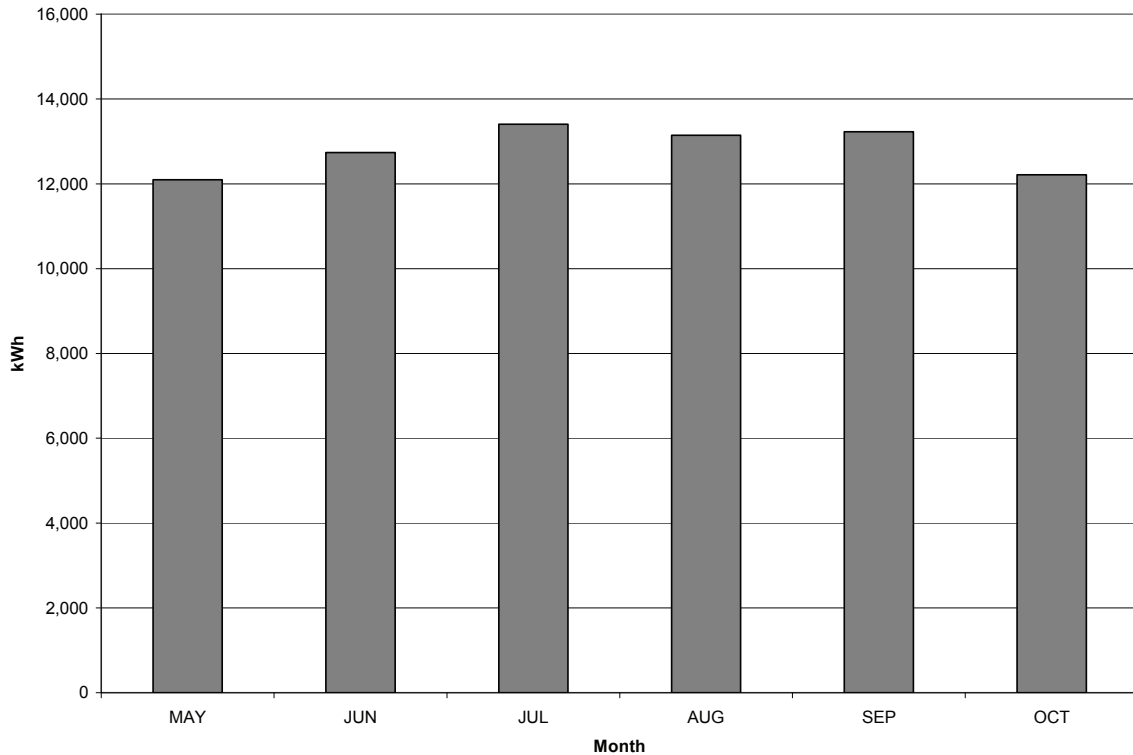


Figure SCE CBP 5: Average Event-Hour Load Impacts by Month for each Peak Load Day in a 1-in-2 Weather Year for 2012 and Beyond



SDG&E CBP

Figure SDG&E CBP 1 shows the forecast load impacts for a typical event day in a 1-in-2 weather year at the program level. The values in the figure apply to the years 2011 through 2020, as SDG&E’s forecast enrollment does not change after 2011. Event-hour load impacts range from 26.6 MW to 28.8 MW, which is approximately 24 percent of the enrolled reference load. Non-event hour load impacts average an increase of 0.3 MW, or 0.3 percent of the reference load in those hours.

Figure SDG&E CBP 2 shows the same scenario as in Figure SDG&E CBP 1, but for the portfolio-level impacts. Overlap between CBP and CPP enrollment causes a small reduction in CBP load impacts for the portfolio analysis. The portfolio-level load impacts are 1.7 to 2.6 MW lower than the program-level load impacts.

Figure SDG&E CBP 3 shows how the load impacts are distributed by industry group. Retail customers account for the largest share of the load impacts at 43 percent of the total, with manufacturing customers accounting for the second-largest share (29 percent).

Figure SDG&E CBP 4 illustrates the average hourly load impact across years for the typical event day in both 1-in-2 and 1-in-10 weather years. As with the enrollment forecasts, the level of load impacts does not change after 2011, when the load impact is approximately 27.4 MW in a 1-in-2 weather year and 27.8 MW in a 1-in-10 weather year.

Figure SDG&E CBP 5 illustrates the load impact across monthly peak days of a 1-in-2 weather year. The loads impacts are highest in September, at 28.1 MW, and lowest in May, at 24.0 MW.

Figure SDG&E CBP 1: Hourly Event Day Load Impacts for the Typical Event Day in a 1-in-2 Weather Year for 2011 and Beyond, Program Level

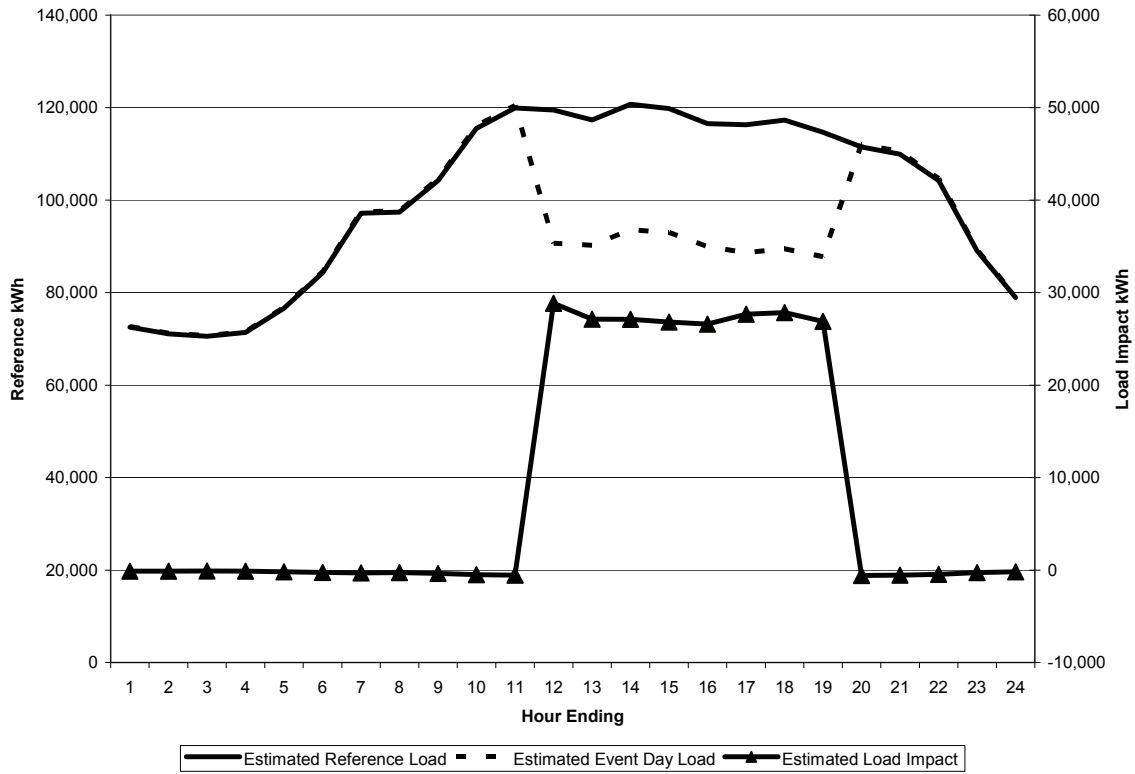


Figure SDG&E CBP 2: Hourly Event Day Load Impacts for the Typical Event Day in a 1-in-2 Weather Year for 2011 and Beyond, Portfolio Level

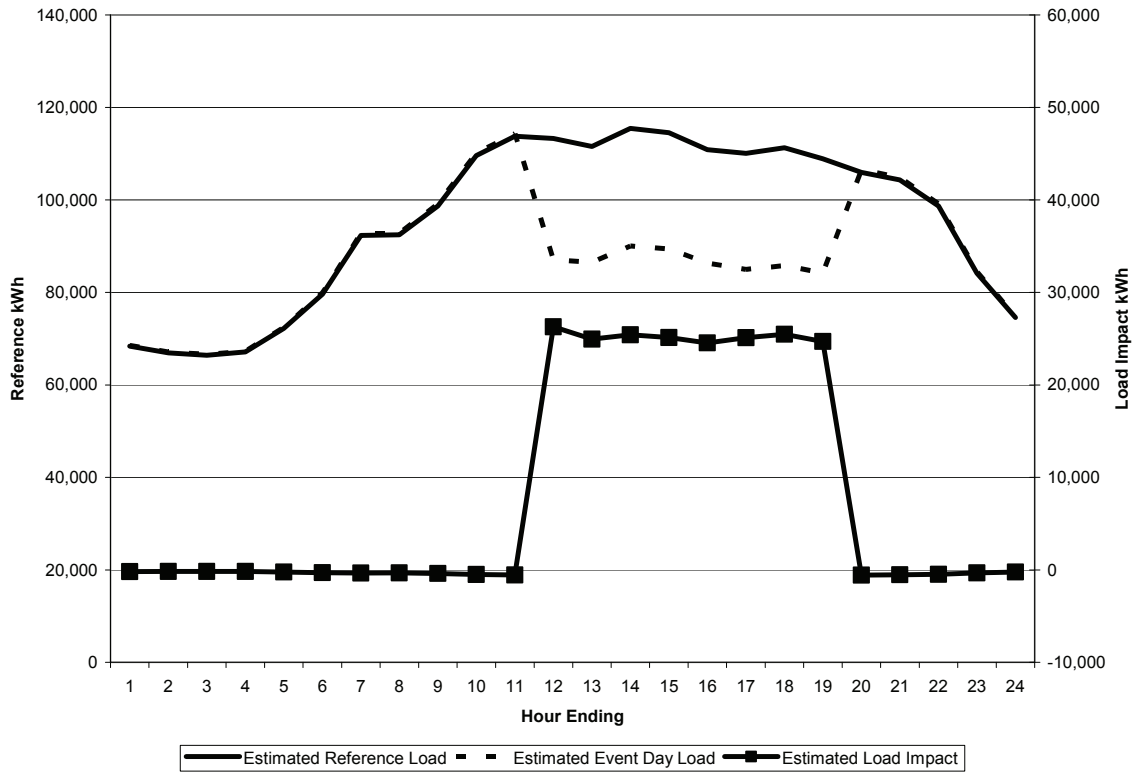


Figure SDG&E CBP 3: Share of Load Impacts by Industry Group for the Typical Event Day in a 1-in-2 Weather Year for 2011 and Beyond

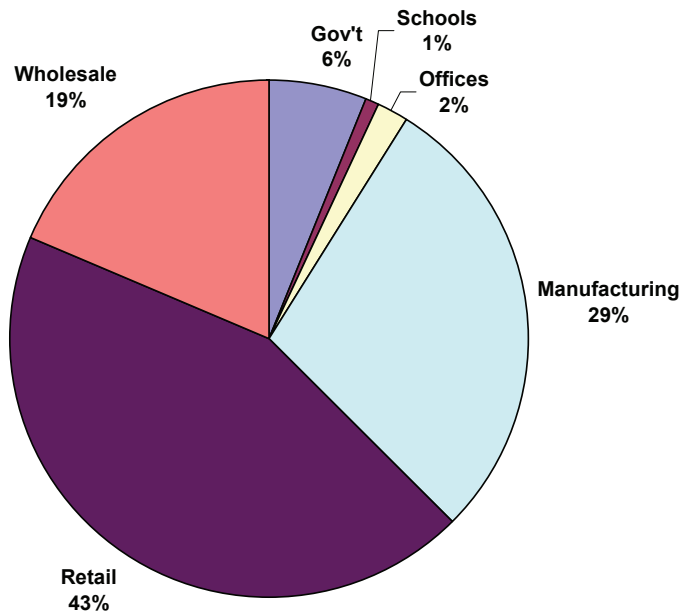


Figure SDG&E CBP 4: Average Event-Hour Load Impacts by Forecast Year and Weather Scenario for the Typical Event Day

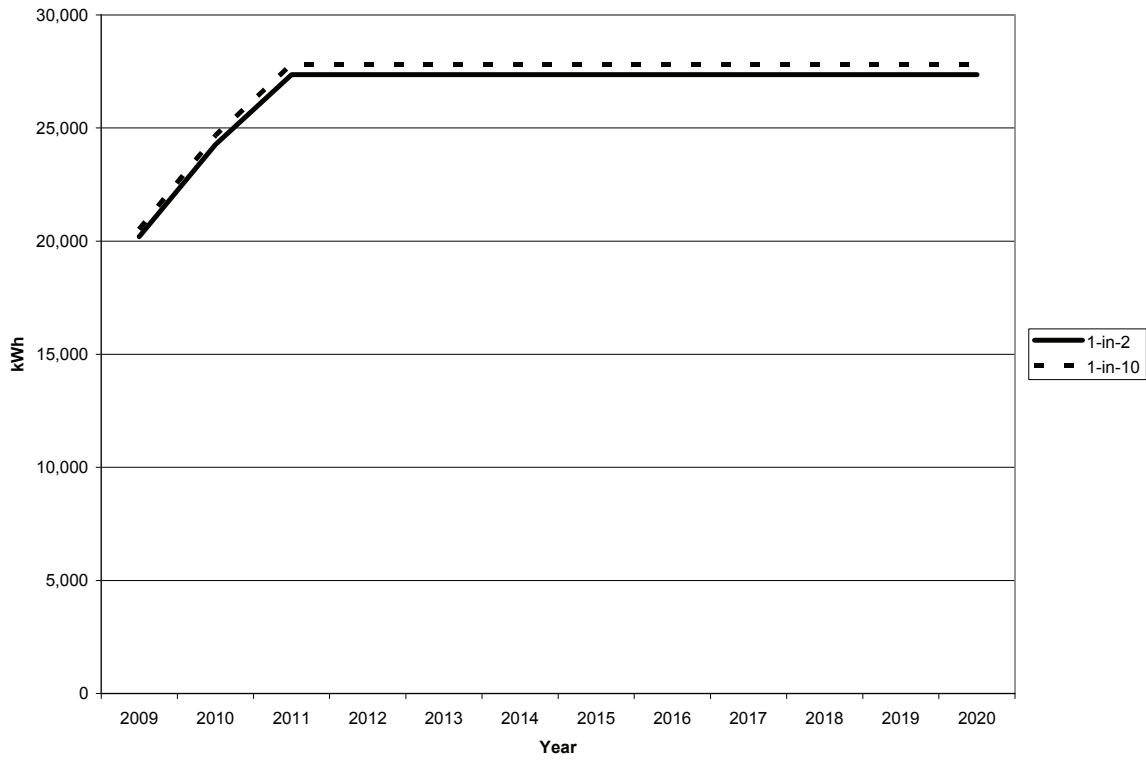
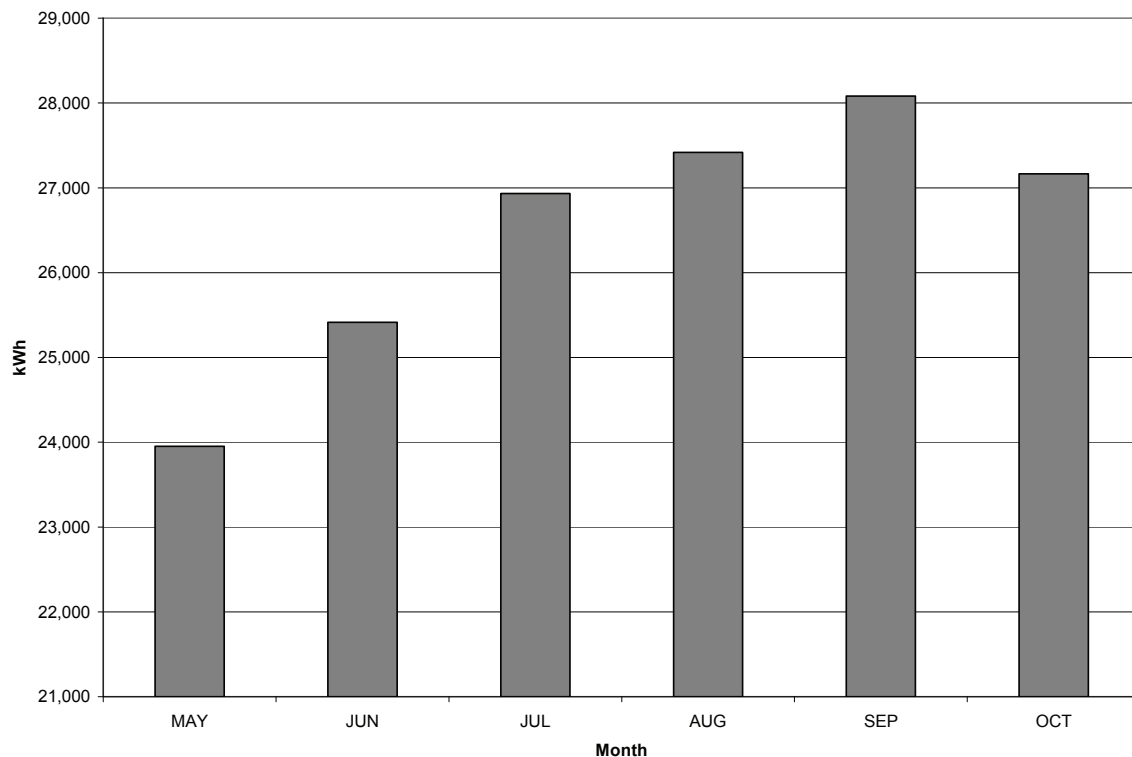


Figure SDG&E CBP 5: Average Event-Hour Load Impacts by Month for each Peak Load Day in a 1-in-2 Weather Year for 2011 and Beyond



PG&E AMP

Figure PG&E AMP 1 shows the August 2012 forecast load impacts for a typical event day in a 1-in-2 weather year.¹⁰ Event-hour load impacts range from 154.5 MW to 163.7 MW, which represent approximately 12 percent of the enrolled reference load.

Figures PG&E AMP 2 and 3 show how the load impacts are distributed by LCA and industry group. Customers in the Greater Bay Area, Greater Fresno, and not in an LCA together combine to account for 75 percent of the load impacts. Manufacturing customers account for 40 percent of the load impacts, with Wholesale customers constituting the next largest group, with 27 percent of the load impacts.

Figure PG&E AMP 4 illustrates the average hourly load impact across years for the August peak day in a 1-in-2 weather year. The load impacts in this figure mirror the enrollment forecast, with impacts increasing in 2010 and 2011 and then remaining constant at 159 MW.

¹⁰ For this program, program-level impacts and portfolio-level impacts are the same.

Figure PG&E AMP 1: Hourly Event Day Load Impacts for the Typical Event Day in a 1-in-2 Weather Year for August 2012

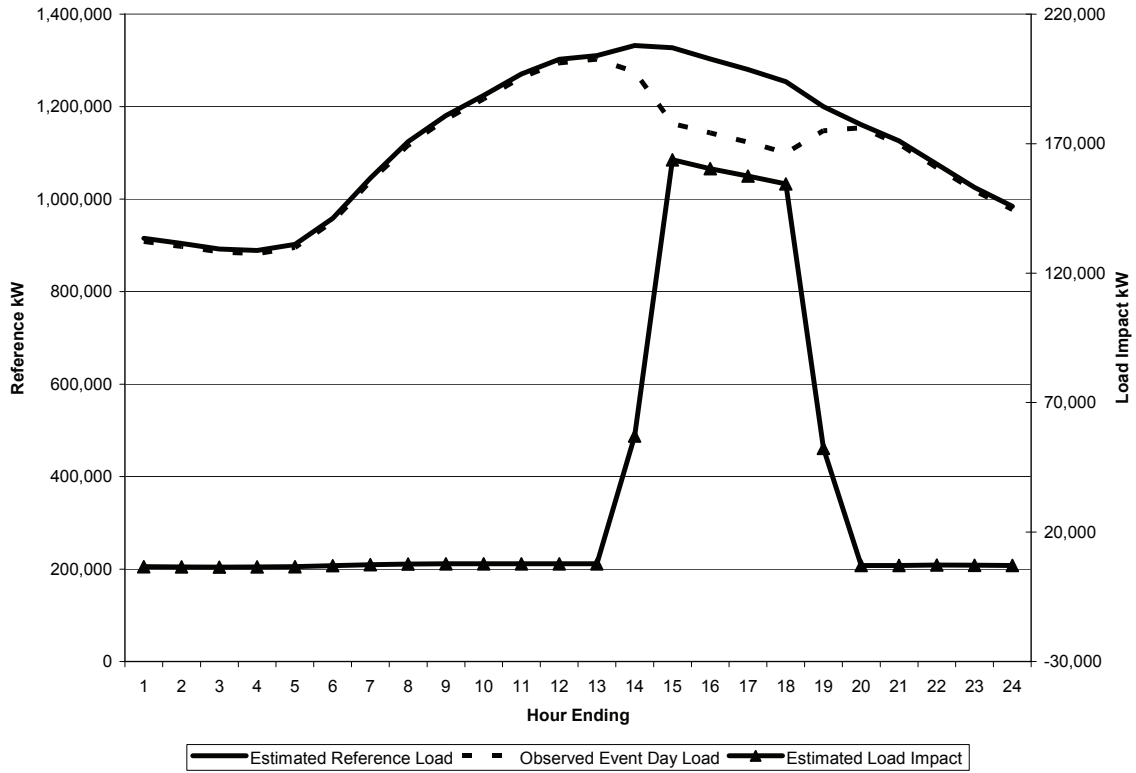


Figure PG&E AMP 2: Share of Load Impacts by LCA for the August 2012 Peak Day in a 1-in-2 Weather Year

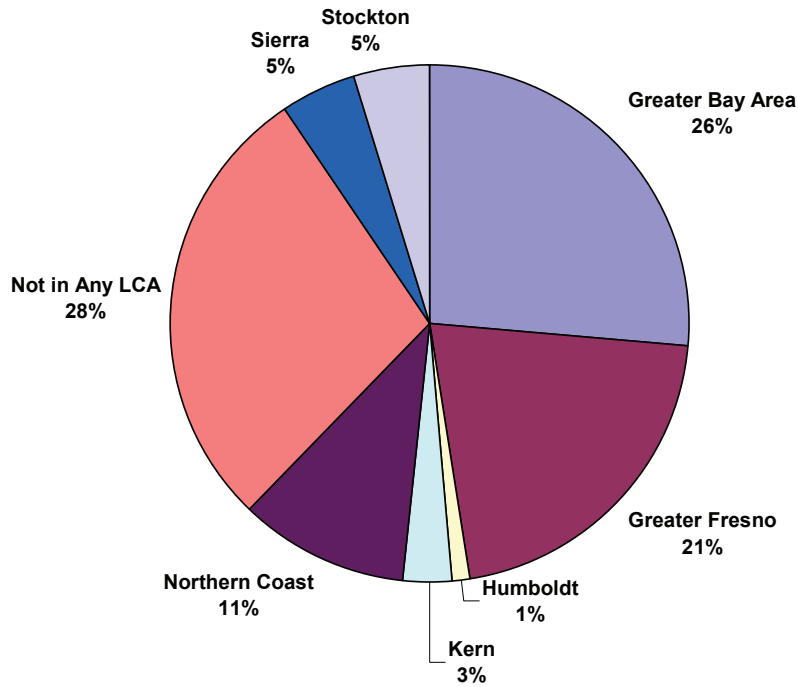


Figure PG&E AMP 3: Share of Load Impacts by Industry Group for the August 2012 Peak Day in a 1-in-2 Weather Year

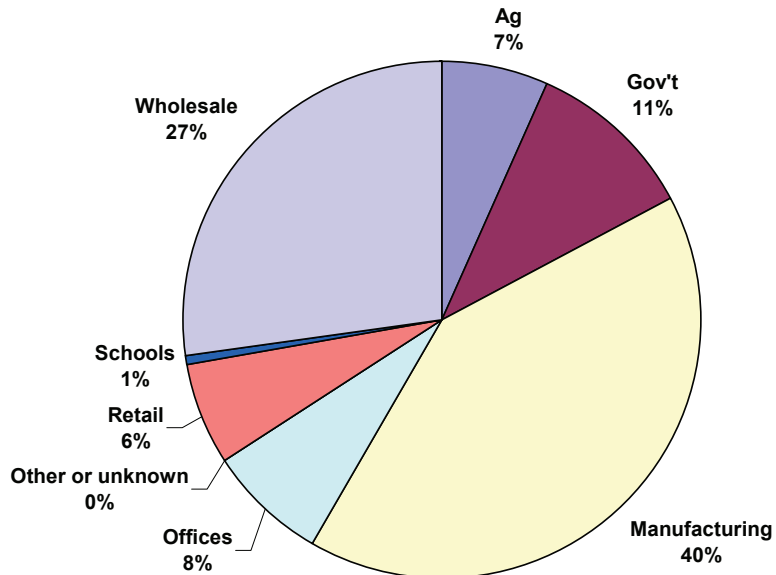
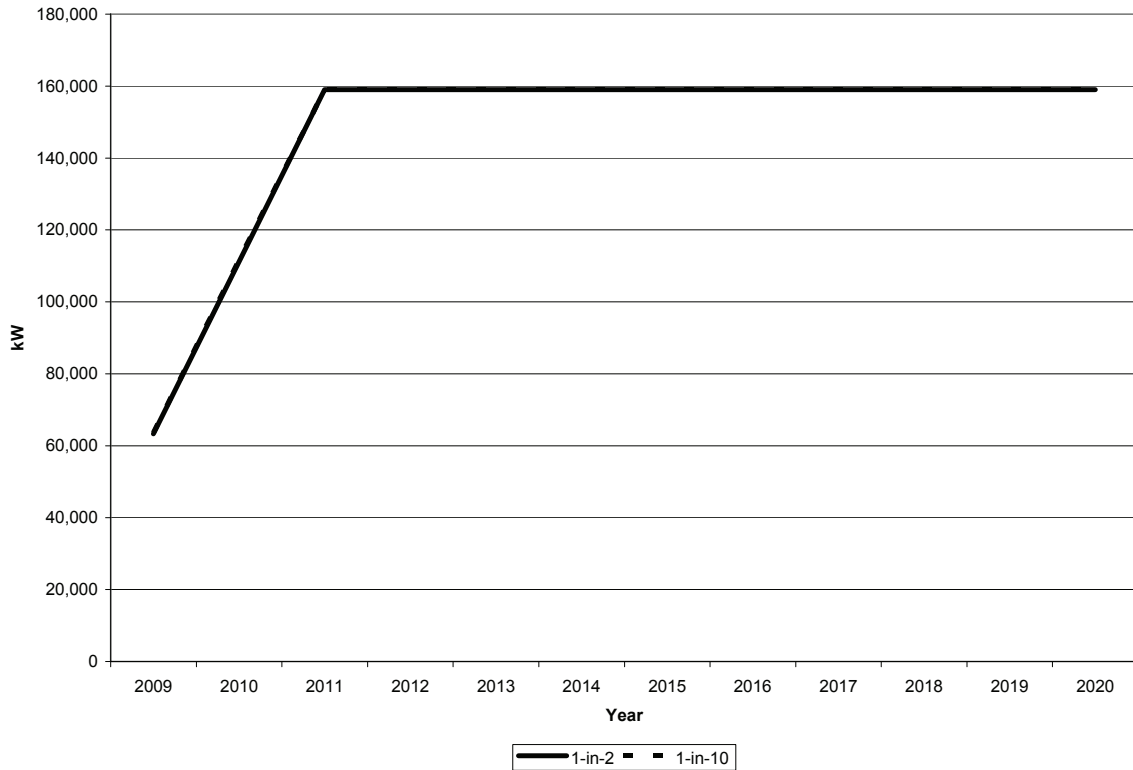


Figure PG&E AMP 4: Average Event-Hour Load Impacts by Forecast Year and Weather Scenario for the August Peak Day



SCE DRC

Figure SCE DRC 1 shows the forecast load impacts for a typical event day in a 1-in-2 weather year. The values in the figure apply to the years 2012 through 2020, as SCE’s forecast enrollment does not change after 2012. Event-hour load impacts range from 114.3 MW to 119.8 MW, which is approximately 13 percent of the enrolled reference load. Non-event hour load impacts average 0.4 MW, or 0.05 percent of the reference load in those hours.

Figures SCE DRC 2 and 3 show how the load impacts are distributed by LCA and industry group. Seventy-seven percent of the load impacts come from customers in the LA Basin LCA. Wholesale customers account for 42 percent of the load impacts, with retail stores being the next largest group at 21 percent.

Figure SCE DRC 4 illustrates the average hourly load impact across years for the typical event day in both 1-in-2 and 1-in-10 weather years. As with the enrollment forecasts, the level of load impacts does not change after 2012, when the load impact is approximately 116.9 MW in a 1-in-2 weather year and 120.0 MW in a 1-in-10 weather year.

Figure SCE DRC 5 illustrates the load impact across monthly peak days of a 1-in-2 weather year. Load impacts are lowest in October (at 108.6 MW) and highest in July (at 118.4 MW).

Figure SCE DRC 1: Hourly Event Day Load Impacts for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

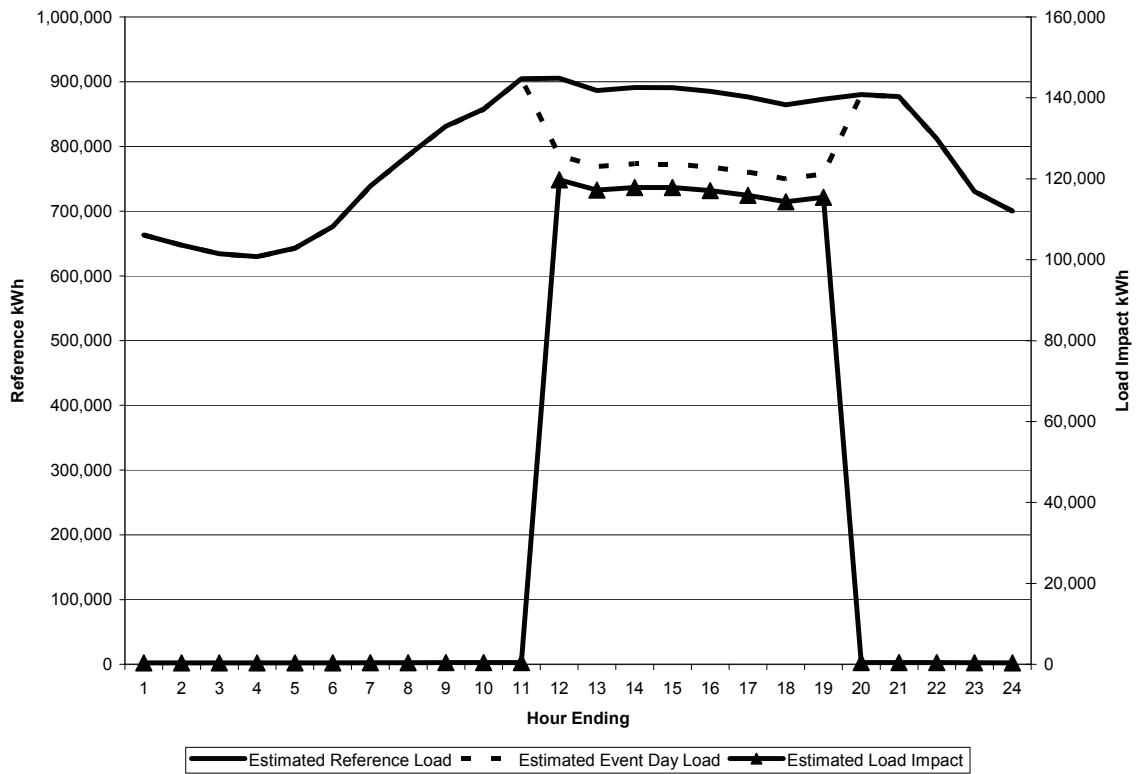


Figure SCE DRC 2: Share of Load Impacts by LCA for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

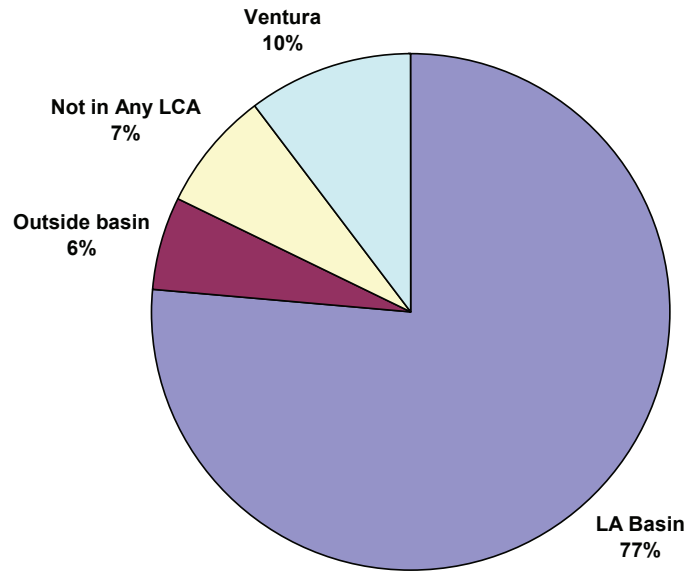


Figure SCE DRC 3: Share of Load Impacts by Industry Group for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

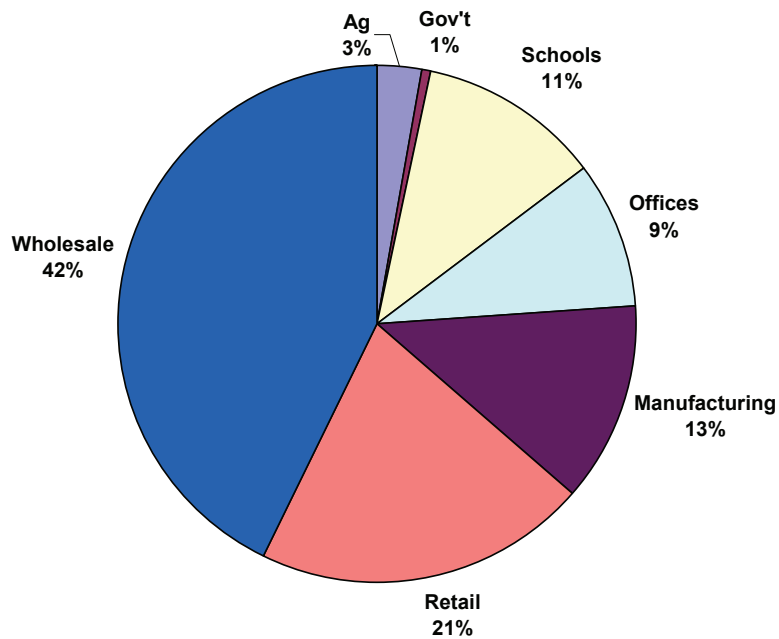


Figure SCE DRC 4: Average Event-Hour Load Impacts by Forecast Year and Weather Scenario for the Typical Event Day

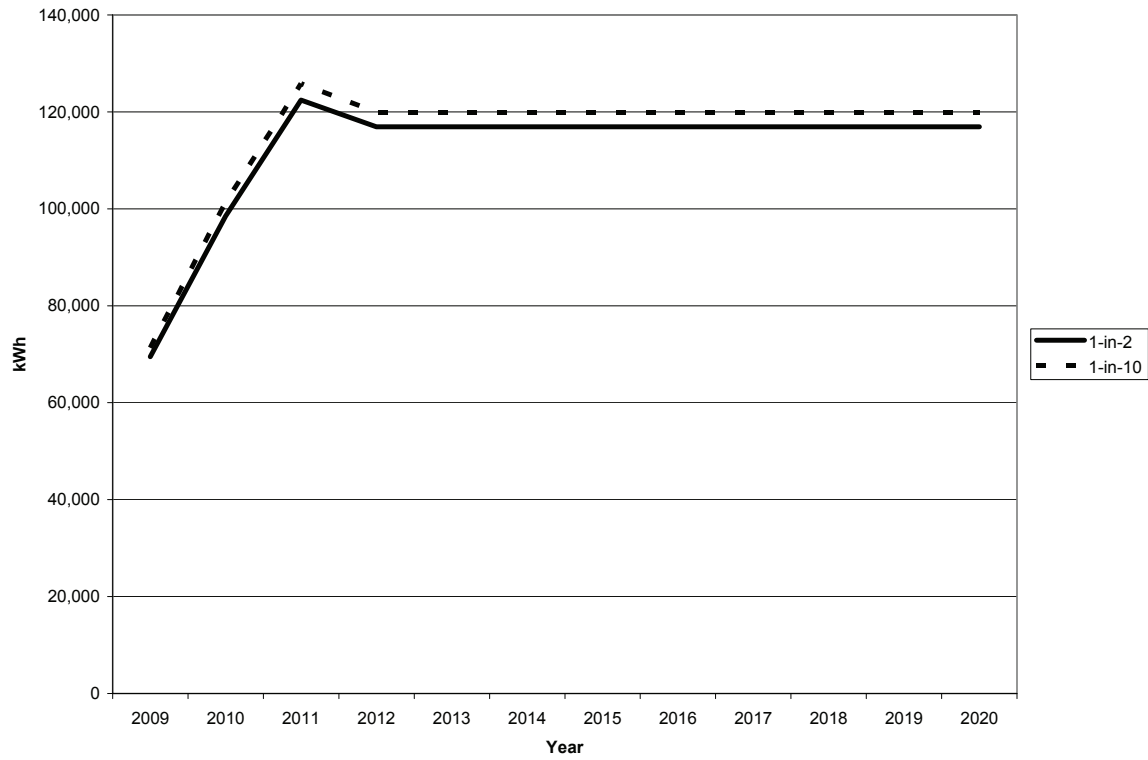
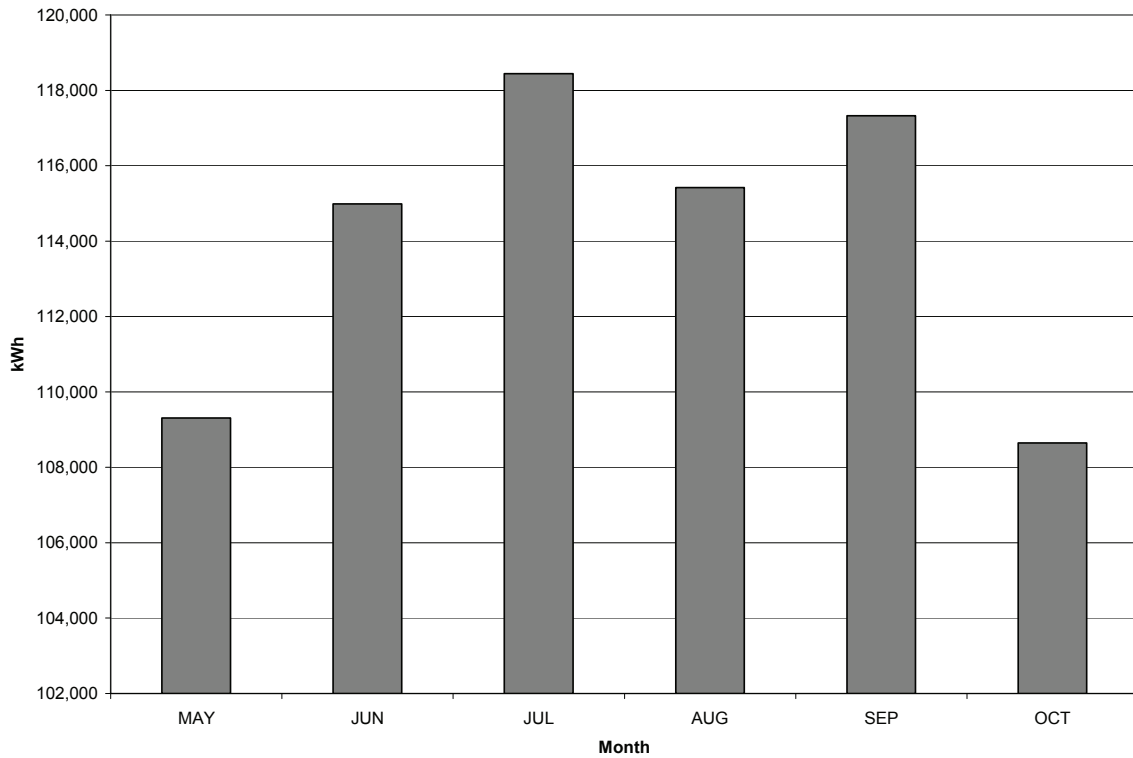


Figure SCE DRC 5: Average Event-Hour Load Impacts by Month for each Peak Load Day in a 1-in-2 Weather Year for 2012 and Beyond



5.4 Sensitivity Analysis for TA/TI and AutoDR

PG&E provided high, medium, and low funding scenarios for TA/TI and AutoDR that were used to develop a sensitivity analysis of the potential incremental effects of the programs on the level of load impacts. PG&E provided us with a forecast of the annual funding level for each program. For AMP, TA/TI funding ends in 2012 and no AutoDR funding is provided in any forecast year. For CBP, TA/TI funding exists in all years, while AutoDR funding commences in 2010.

PG&E provided assumptions regarding the cost per kW of load reduction from each program. For TA/TI, this cost is \$275 per kW, while the cost is \$300 per kW for AutoDR.

Table 5.3 contains the annual increase in AMP load impacts by program and funding scenario. These values are illustrated in Figure 5.6. Parallel results for CBP are shown in Table 5.4 and Figure 5.7.

Notice that the level of the added load response does not change for AMP after 2011, which is the last year of program funding. For CBP, the incremental load impacts are high relative to the size of the program. For example, assuming that the average customer is 225 kW in size and experiences a 7 percentage point increase in load impacts due to TA/TI or AutoDR, the medium scenario incremental load impacts imply that over 70 percent of the

customers are enrolled in one of the programs. This may therefore be regarded as an optimistic forecast.

Table 5.3: Annual Increase in AMP Load Impacts from TA/TI and AutoDR by Year and Funding Scenario (kW)

Year	TA/TI			AutoDR		
	High	Medium	Low	High	Medium	Low
2009	2,850	2,565	2,280	0	0	0
2010	5,100	4,590	2,912	0	0	0
2011	8,789	7,910	4,363	0	0	0
2012	8,789	7,910	4,363	0	0	0
2013	8,789	7,910	4,363	0	0	0
2014	8,789	7,910	4,363	0	0	0
2015	8,789	7,910	4,363	0	0	0
2016	8,789	7,910	4,363	0	0	0
2017	8,789	7,910	4,363	0	0	0
2018	8,789	7,910	4,363	0	0	0
2019	8,789	7,910	4,363	0	0	0
2020	8,789	7,910	4,363	0	0	0

Table 5.4: Annual Increase in CBP Load Impacts from TA/TI and AutoDR by Year and Funding Scenario (kW)

Year	TA/TI			AutoDR		
	High	Medium	Low	High	Medium	Low
2009	832	749	665	0	0	0
2010	4,468	4,021	2,814	2,977	2,680	2,382
2011	11,899	10,709	9,200	11,741	10,567	9,392
2012	12,655	11,360	9,752	12,494	11,215	9,943
2013	13,492	12,080	10,363	13,301	11,909	10,532
2014	14,411	12,872	11,034	14,173	12,660	11,169
2015	15,199	13,521	11,560	14,961	13,310	11,695
2016	16,042	14,215	12,122	15,781	13,984	12,241
2017	16,978	14,986	12,746	16,680	14,725	12,841
2018	17,782	15,618	13,236	17,494	15,366	13,337
2019	18,635	16,291	13,755	18,333	16,027	13,848
2020	19,576	17,032	14,328	19,249	16,748	14,405

Figure 5.6: Annual Increase in AMP Load Impacts from TA/TI and AutoDR by Year and Funding Scenario (kW)

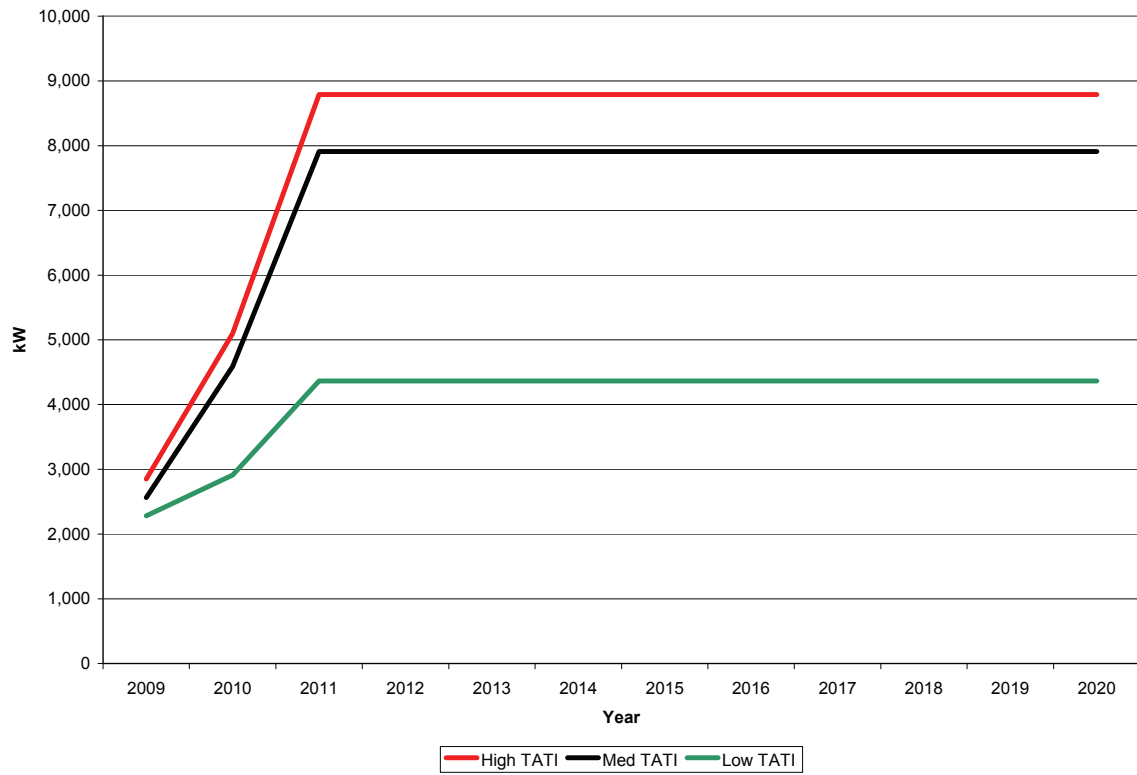
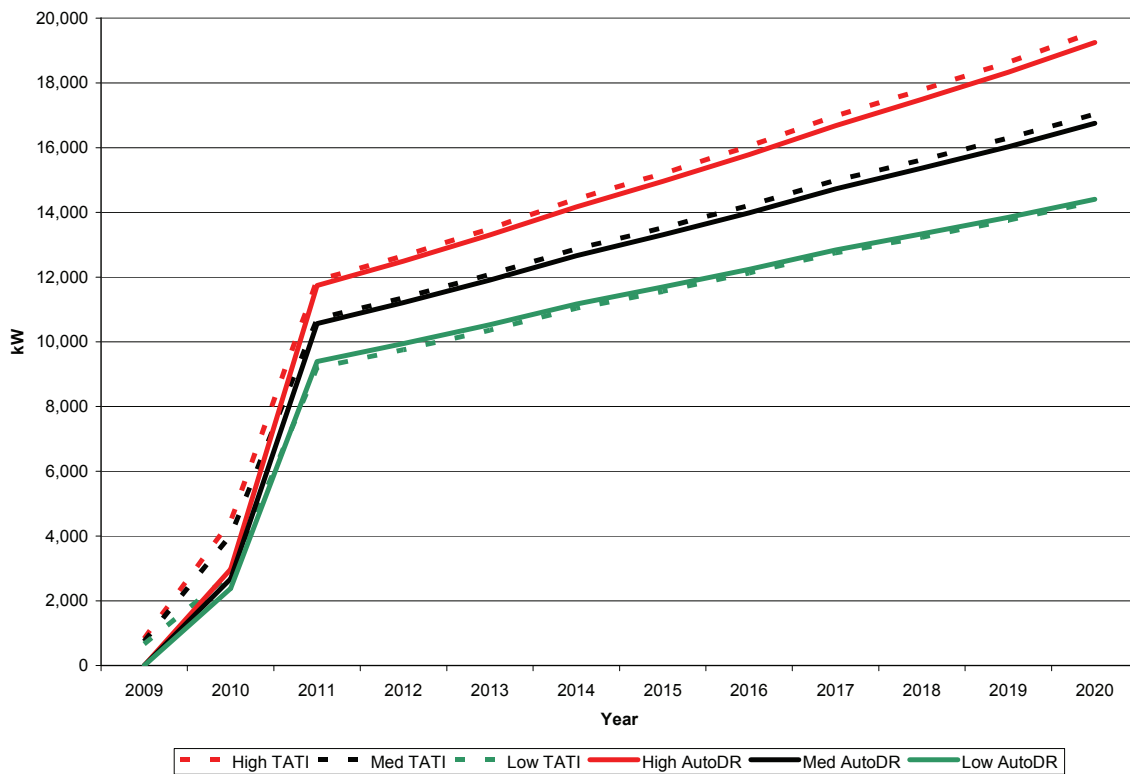


Figure 5.7: Annual Increase in CBP Load Impacts from TA/TI and AutoDR by Year and Funding Scenario (kW)



6. Validity Assessment

In previous ex post load impact evaluations, we have often used group-level data and regression models to examine load impacts. This method had the advantage of limiting the analysis to estimating a manageable number of models, but has the disadvantage of not easily accounting for changing enrollment over the summer and calculating the distribution of load impacts across factors such as industry types and local capacity areas. In addition, the aggregator programs are complicated by changing nominations across months, and different aggregators and enrollees being called on different events.

In this study, we estimated customer-specific regression models that accounted for each customer’s enrollment dates, and nomination and called status for each event. While this method has some significant advantages (properly accounting for nominating behavior and allowing the results to be summarized according to any observed customer characteristic without requiring the estimation of a new model), it does require that many models (*e.g.*, for hundreds of customers for each program) are estimated. This prevents a detailed examination of each customer’s regression model. In addition, in order to facilitate post-processing the results, it is important to use a uniform model structure across all of the customers in a program.

Therefore, our primary concern with respect to the validity of the findings is regarding the appropriateness of the model specification that is used for all customers. That is, we

believe that the most significant issue in an ex post analysis of load impacts is the risk of omitted variable bias. Invariably, loads levels change from day to day, or week to week for reasons that cannot be easily known to the analyst. For example, it is not uncommon for manufacturing customers to shut down or significantly reduce operations for one to two weeks as some arbitrary time. Such activity can bias the estimates for the other included variables if variables are not included to explicitly account for such a “shut down”. It is possible that with more time and resources, we could have discovered a model specification that better accounted for such factors that affect load, which may lead to improved estimates of load response. That said, the estimates contained in this study appear to be reasonable, particularly when compared to simple graphs of non-event day loads, giving us no reason to believe that any serious bias exists in the overall findings.

7. Summary

Table 7.1 summarizes the average hourly load impacts that were estimated for PY 2008 for the aggregator programs of the three utilities. The values shown represent the sum of the load impacts from the day-ahead and day-of portfolios of each program, thus illustrating each program’s likely load reduction when both portfolios are called.

Table 7.2 summarizes the forecast ex ante load impact by utility and program. The year 2012 was selected because the majority of the enrollment forecasts are unchanged after that date. Load impacts are forecast to increase for all but one program.

Table 7.1: Summary of Average Hourly Ex Post Load Impacts (MW) for the Aggregator DR Programs in PY 2008

Program	PG&E	SCE	SDG&E	Total
CBP	22.2	15.5	16.4	54.1
AMP	64.9	-	-	64.9
DRC	-	34	-	34
Total	87.2	49.5	16.4	211.9

Table 7.2: Summary of Average Hourly Ex Ante Load Impacts (MW) for the Aggregator DR Programs in PY 2012

Program	PG&E	SCE	SDG&E	Total
CBP	43	13	27	83
AMP	159	-	-	159
DRC	-	117	-	117
Total	202	130	27	359

Appendix A: SCE CBP Ex Ante Load Impact Tables

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 415
 Number of Accounts Enrolled: 415

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	62,569	62,922	-353	70	-852	-556	-353	-151	138
2	60,898	61,242	-344	69	-829	-542	-344	-147	134
3	60,113	60,452	-339	68	-819	-535	-339	-146	132
4	60,894	61,238	-344	67	-829	-542	-344	-147	134
5	65,504	65,874	-370	67	-892	-583	-370	-159	144
6	71,017	71,418	-401	66	-967	-632	-401	-172	156
7	83,259	83,729	-470	66	-1,134	-741	-470	-202	183
8	85,670	86,154	-484	69	-1,167	-762	-484	-207	188
9	89,056	89,559	-503	74	-1,213	-792	-503	-216	196
10	94,380	94,913	-533	79	-1,286	-839	-533	-228	208
11	99,484	100,046	-562	85	-1,355	-885	-562	-241	219
12	103,011	91,815	11,197	88	10,671	10,982	11,197	11,410	11,716
13	104,913	93,510	11,403	89	10,868	11,185	11,403	11,621	11,932
14	107,088	95,448	11,640	90	11,094	11,417	11,640	11,861	12,180
15	107,979	96,242	11,737	88	11,186	11,512	11,737	11,960	12,281
16	108,112	96,361	11,751	87	11,200	11,526	11,751	11,975	12,296
17	107,764	96,050	11,713	85	11,164	11,489	11,713	11,936	12,256
18	106,942	95,318	11,624	84	11,079	11,401	11,624	11,845	12,163
19	106,241	94,693	11,548	81	11,006	11,327	11,548	11,768	12,083
20	106,040	106,639	-599	78	-1,444	-943	-599	-257	233
21	103,694	104,280	-586	75	-1,412	-922	-586	-251	228
22	92,983	93,508	-525	73	-1,267	-827	-525	-225	205
23	76,737	77,171	-433	72	-1,045	-683	-433	-186	169
24	67,563	67,944	-382	71	-920	-601	-382	-164	149
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,131,912	2,046,527	85,385	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 415
 Number of Accounts Enrolled: 415

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 415
 Number of Accounts Enrolled: 415

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	55,411	55,724	-313	71	-755	-493	-313	-134	122
2	54,543	54,851	-308	69	-743	-485	-308	-132	120
3	54,204	54,510	-306	69	-738	-482	-306	-131	119
4	55,318	55,631	-312	67	-753	-492	-312	-134	122
5	61,662	62,010	-348	66	-840	-548	-348	-149	136
6	68,733	69,121	-388	66	-936	-611	-388	-166	151
7	81,849	82,311	-462	66	-1,115	-728	-462	-198	180
8	84,756	85,235	-479	68	-1,154	-754	-479	-205	186
9	88,023	88,520	-497	72	-1,199	-783	-497	-213	194
10	92,989	93,514	-525	76	-1,267	-827	-525	-225	205
11	97,617	98,169	-551	79	-1,330	-868	-551	-236	215
12	100,869	89,905	10,964	82	10,449	10,754	10,964	11,173	11,472
13	102,735	91,569	11,167	84	10,643	10,953	11,167	11,379	11,685
14	104,893	93,492	11,401	85	10,866	11,183	11,401	11,618	11,930
15	105,724	94,233	11,491	86	10,952	11,272	11,491	11,710	12,025
16	106,056	94,529	11,528	87	10,987	11,307	11,528	11,747	12,062
17	105,917	94,405	11,512	85	10,972	11,292	11,512	11,732	12,046
18	105,122	93,696	11,426	83	10,890	11,207	11,426	11,644	11,956
19	104,581	93,214	11,367	80	10,834	11,150	11,367	11,584	11,894
20	104,337	104,926	-589	76	-1,421	-928	-589	-253	230
21	102,108	102,684	-577	73	-1,391	-908	-577	-247	225
22	91,701	92,219	-518	72	-1,249	-816	-518	-222	202
23	75,440	75,866	-426	71	-1,028	-671	-426	-183	166
24	66,465	66,840	-375	70	-905	-591	-375	-161	146
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,071,056	1,987,174	83,882	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 415
 Number of Accounts Enrolled: 415

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 435
 Number of Accounts Enrolled: 435

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	65,697	66,068	-371	70	-895	-584	-371	-159	145
2	63,943	64,304	-361	69	-871	-569	-361	-155	141
3	63,119	63,475	-356	68	-860	-561	-356	-153	139
4	63,939	64,300	-361	67	-871	-569	-361	-155	141
5	68,779	69,168	-388	67	-937	-612	-388	-166	151
6	74,568	74,989	-421	66	-1,016	-663	-421	-181	164
7	87,422	87,915	-494	66	-1,191	-778	-494	-212	192
8	89,954	90,462	-508	69	-1,225	-800	-508	-218	198
9	93,509	94,037	-528	74	-1,274	-832	-528	-226	206
10	99,099	99,659	-560	79	-1,350	-881	-560	-240	218
11	104,458	105,048	-590	85	-1,423	-929	-590	-253	230
12	108,162	96,406	11,756	88	11,205	11,532	11,756	11,980	12,302
13	110,159	98,185	11,974	89	11,412	11,744	11,974	12,202	12,529
14	112,442	100,220	12,222	90	11,648	11,988	12,222	12,454	12,789
15	113,378	101,054	12,323	88	11,745	12,088	12,323	12,558	12,895
16	113,518	101,179	12,339	87	11,760	12,103	12,339	12,574	12,911
17	113,152	100,853	12,299	85	11,722	12,063	12,299	12,533	12,869
18	112,289	100,084	12,205	84	11,632	11,972	12,205	12,438	12,771
19	111,553	99,428	12,125	81	11,556	11,893	12,125	12,356	12,687
20	111,342	111,971	-629	78	-1,517	-990	-629	-270	245
21	108,879	109,494	-615	75	-1,483	-968	-615	-264	240
22	97,632	98,183	-551	73	-1,330	-868	-551	-236	215
23	80,574	81,029	-455	72	-1,097	-717	-455	-195	177
24	70,941	71,341	-401	71	-966	-631	-401	-172	156
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,238,508	2,148,853	89,654	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 435
 Number of Accounts Enrolled: 435

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 435
 Number of Accounts Enrolled: 435

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	58,181	58,510	-329	71	-792	-517	-329	-141	128
2	57,270	57,593	-323	69	-780	-509	-323	-139	126
3	56,914	57,235	-321	69	-775	-506	-321	-138	125
4	58,084	58,412	-328	67	-791	-517	-328	-141	128
5	64,745	65,111	-366	66	-882	-576	-366	-157	142
6	72,169	72,577	-408	66	-983	-642	-408	-175	159
7	85,942	86,427	-485	66	-1,171	-764	-485	-208	189
8	88,994	89,497	-503	68	-1,212	-792	-503	-215	196
9	92,425	92,946	-522	72	-1,259	-822	-522	-224	203
10	97,639	98,190	-551	76	-1,330	-868	-551	-236	215
11	102,498	103,077	-579	79	-1,396	-912	-579	-248	226
12	105,913	94,401	11,512	82	10,972	11,292	11,512	11,731	12,046
13	107,872	96,147	11,725	84	11,175	11,501	11,725	11,948	12,269
14	110,138	98,167	11,971	85	11,410	11,742	11,971	12,199	12,527
15	111,011	98,944	12,066	86	11,500	11,835	12,066	12,296	12,626
16	111,359	99,255	12,104	87	11,536	11,872	12,104	12,334	12,665
17	111,213	99,125	12,088	85	11,521	11,857	12,088	12,318	12,649
18	110,378	98,381	11,997	83	11,434	11,768	11,997	12,226	12,554
19	109,810	97,875	11,936	80	11,376	11,707	11,936	12,163	12,489
20	109,554	110,173	-619	76	-1,492	-974	-619	-265	241
21	107,213	107,819	-605	73	-1,460	-954	-605	-260	236
22	96,286	96,830	-544	72	-1,311	-856	-544	-233	212
23	79,212	79,660	-447	71	-1,079	-705	-447	-192	174
24	69,788	70,182	-394	70	-951	-621	-394	-169	154
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,174,608	2,086,533	88,076	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 435
 Number of Accounts Enrolled: 435

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 457
 Number of Accounts Enrolled: 457

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	68,982	69,372	-390	70	-940	-614	-390	-167	152
2	67,140	67,519	-379	69	-914	-597	-379	-163	148
3	66,275	66,649	-374	68	-903	-589	-374	-160	146
4	67,136	67,515	-379	67	-914	-597	-379	-163	148
5	72,218	72,626	-408	67	-984	-642	-408	-175	159
6	78,297	78,739	-442	66	-1,066	-696	-442	-190	172
7	91,793	92,311	-518	66	-1,250	-816	-518	-222	202
8	94,451	94,985	-533	69	-1,287	-840	-533	-229	208
9	98,184	98,738	-554	74	-1,337	-873	-554	-238	216
10	104,054	104,642	-588	79	-1,417	-925	-588	-252	229
11	109,681	110,301	-619	85	-1,494	-976	-619	-266	241
12	113,570	101,226	12,344	88	11,765	12,108	12,344	12,579	12,917
13	115,667	103,095	12,572	89	11,982	12,332	12,572	12,812	13,155
14	118,064	105,231	12,833	90	12,231	12,587	12,833	13,077	13,428
15	119,047	106,107	12,940	88	12,332	12,692	12,940	13,186	13,540
16	119,194	106,238	12,956	87	12,348	12,708	12,956	13,202	13,556
17	118,809	105,895	12,914	85	12,308	12,667	12,914	13,160	13,513
18	117,904	105,088	12,815	84	12,214	12,570	12,815	13,059	13,410
19	117,131	104,400	12,731	81	12,134	12,488	12,731	12,974	13,322
20	116,909	117,569	-660	78	-1,592	-1,040	-660	-283	257
21	114,323	114,968	-646	75	-1,557	-1,017	-646	-277	252
22	102,514	103,093	-579	73	-1,396	-912	-579	-248	226
23	84,603	85,081	-478	72	-1,152	-752	-478	-205	186
24	74,488	74,908	-421	71	-1,015	-663	-421	-180	164
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,350,433	2,256,296	94,137	107.3	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 457
 Number of Accounts Enrolled: 457

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	5,140	4,934	206	107.3	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 457
 Number of Accounts Enrolled: 457

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	61,090	61,435	-345	71	-832	-543	-345	-148	134
2	60,133	60,473	-340	69	-819	-535	-340	-146	132
3	59,760	60,097	-337	69	-814	-532	-337	-145	131
4	60,988	61,333	-344	67	-831	-542	-344	-148	134
5	67,982	68,366	-384	66	-926	-605	-384	-165	150
6	75,778	76,206	-428	66	-1,032	-674	-428	-183	167
7	90,239	90,748	-510	66	-1,229	-803	-510	-218	199
8	93,444	93,972	-528	68	-1,273	-831	-528	-226	206
9	97,046	97,594	-548	72	-1,322	-863	-548	-235	214
10	102,521	103,100	-579	76	-1,396	-912	-579	-248	226
11	107,623	108,231	-608	79	-1,466	-957	-608	-261	237
12	111,208	99,121	12,088	82	11,520	11,856	12,088	12,318	12,648
13	113,266	100,955	12,311	84	11,734	12,076	12,311	12,546	12,882
14	115,645	103,075	12,570	85	11,980	12,329	12,570	12,809	13,153
15	116,561	103,892	12,669	86	12,075	12,427	12,669	12,911	13,257
16	116,927	104,218	12,709	87	12,113	12,466	12,709	12,951	13,299
17	116,774	104,081	12,693	85	12,097	12,450	12,693	12,934	13,281
18	115,897	103,300	12,597	83	12,006	12,356	12,597	12,837	13,182
19	115,301	102,768	12,532	80	11,944	12,293	12,532	12,771	13,114
20	115,032	115,681	-650	76	-1,567	-1,023	-650	-278	253
21	112,574	113,210	-636	73	-1,533	-1,001	-636	-273	248
22	101,100	101,671	-571	72	-1,377	-899	-571	-245	222
23	83,173	83,643	-470	71	-1,133	-740	-470	-201	183
24	73,277	73,691	-414	70	-998	-652	-414	-177	161
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,283,339	2,190,859	92,480	79.0	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 457
 Number of Accounts Enrolled: 457

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
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 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Local Capacity Area:
 Forecast Year:
 Weather Year:
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Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Local Capacity Area:
 Forecast Year:
 Weather Year:
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Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Local Capacity Area:
 Forecast Year:
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Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
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 Local Capacity Area:
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 Weather Year:
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Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2016
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
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Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2016
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
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Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2016
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Local Capacity Area:
 Forecast Year:
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Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
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2016
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
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Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2017
1-in-2
Program Level Impacts

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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

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Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2017
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2017
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
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Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2017
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
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Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2018
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th

Utility:
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Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2018
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

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Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2018
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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Southern California Edison
Average per Enrolled Customer
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AUG monthly peak
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1-in-2
Program Level Impacts

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					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

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Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
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2019
1-in-2
Program Level Impacts

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					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

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Capacity Bidding Program (CBP)
JUL monthly peak
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2019
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2019
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2019
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2020
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	72,431	72,840	-409	70	-987	-644	-409	-175	159
2	70,497	70,895	-398	69	-960	-627	-398	-171	155
3	69,588	69,981	-393	68	-948	-619	-393	-168	153
4	70,493	70,891	-398	67	-960	-627	-398	-171	155
5	75,829	76,257	-428	67	-1,033	-674	-428	-184	167
6	82,211	82,676	-464	66	-1,120	-731	-464	-199	181
7	96,382	96,927	-544	66	-1,313	-857	-544	-233	212
8	99,174	99,734	-560	69	-1,351	-882	-560	-240	218
9	103,093	103,675	-582	74	-1,404	-917	-582	-250	227
10	109,257	109,874	-617	79	-1,488	-972	-617	-264	240
11	115,165	115,816	-650	85	-1,569	-1,024	-650	-279	253
12	119,249	106,287	12,961	88	12,353	12,714	12,961	13,208	13,563
13	121,450	108,249	13,201	89	12,582	12,948	13,201	13,452	13,813
14	123,967	110,493	13,474	90	12,842	13,217	13,474	13,731	14,099
15	124,999	111,412	13,587	88	12,949	13,327	13,587	13,845	14,217
16	125,153	111,550	13,603	87	12,965	13,343	13,603	13,862	14,234
17	124,750	111,190	13,559	85	12,923	13,300	13,559	13,818	14,188
18	123,799	110,343	13,456	84	12,825	13,199	13,456	13,712	14,080
19	122,987	109,619	13,368	81	12,741	13,112	13,368	13,622	13,988
20	122,755	123,448	-693	78	-1,672	-1,092	-693	-297	270
21	120,039	120,717	-678	75	-1,635	-1,068	-678	-291	264
22	107,640	108,247	-608	73	-1,466	-957	-608	-261	237
23	88,833	89,335	-502	72	-1,210	-790	-502	-215	195
24	78,212	78,654	-442	71	-1,065	-696	-442	-189	172
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,467,955	2,369,111	98,844	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
All
All
All
2020
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	151	152	-1	70	-2	-1	-1	0	0
2	147	148	-1	69	-2	-1	-1	0	0
3	145	146	-1	68	-2	-1	-1	0	0
4	147	148	-1	67	-2	-1	-1	0	0
5	158	159	-1	67	-2	-1	-1	0	0
6	171	172	-1	66	-2	-2	-1	0	0
7	201	202	-1	66	-3	-2	-1	0	0
8	207	208	-1	69	-3	-2	-1	-1	0
9	215	216	-1	74	-3	-2	-1	-1	0
10	228	229	-1	79	-3	-2	-1	-1	1
11	240	241	-1	85	-3	-2	-1	-1	1
12	248	221	27	88	26	26	27	28	28
13	253	225	27	89	26	27	27	28	29
14	258	230	28	90	27	28	28	29	29
15	260	232	28	88	27	28	28	29	30
16	261	232	28	87	27	28	28	29	30
17	260	232	28	85	27	28	28	29	30
18	258	230	28	84	27	27	28	29	29
19	256	228	28	81	27	27	28	28	29
20	256	257	-1	78	-3	-2	-1	-1	1
21	250	251	-1	75	-3	-2	-1	-1	1
22	224	225	-1	73	-3	-2	-1	-1	0
23	185	186	-1	72	-3	-2	-1	0	0
24	163	164	-1	71	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	5,140	4,934	206	107.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2020
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	64,145	64,507	-362	71	-874	-571	-362	-155	141
2	63,140	63,497	-357	69	-860	-562	-357	-153	139
3	62,747	63,102	-354	69	-855	-558	-354	-152	138
4	64,038	64,399	-362	67	-872	-570	-362	-155	141
5	71,381	71,784	-403	66	-972	-635	-403	-173	157
6	79,567	80,016	-449	66	-1,084	-708	-449	-193	175
7	94,751	95,286	-535	66	-1,291	-843	-535	-229	208
8	98,116	98,670	-554	68	-1,336	-873	-554	-238	216
9	101,898	102,474	-575	72	-1,388	-906	-575	-247	224
10	107,647	108,255	-608	76	-1,466	-957	-608	-261	237
11	113,004	113,642	-638	79	-1,539	-1,005	-638	-274	249
12	116,769	104,077	12,692	82	12,097	12,449	12,692	12,934	13,281
13	118,929	106,002	12,927	84	12,320	12,679	12,927	13,173	13,526
14	121,427	108,229	13,198	85	12,579	12,946	13,198	13,450	13,810
15	122,389	109,086	13,303	86	12,679	13,048	13,303	13,556	13,920
16	122,773	109,429	13,345	87	12,719	13,089	13,345	13,599	13,964
17	122,613	109,285	13,327	85	12,702	13,072	13,327	13,581	13,945
18	121,692	108,465	13,227	83	12,607	12,974	13,227	13,479	13,841
19	121,066	107,907	13,159	80	12,542	12,907	13,159	13,410	13,769
20	120,783	121,465	-682	76	-1,645	-1,074	-682	-292	266
21	118,203	118,870	-667	73	-1,610	-1,051	-667	-286	260
22	106,155	106,755	-599	72	-1,446	-944	-599	-257	234
23	87,332	87,825	-493	71	-1,190	-777	-493	-211	192
24	76,941	77,375	-434	70	-1,048	-684	-434	-186	169
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,397,506	2,300,403	97,104	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
All
All
All
2020
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 480
 Number of Accounts Enrolled: 480

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	134	134	-1	71	-2	-1	-1	0	0
2	132	132	-1	69	-2	-1	-1	0	0
3	131	131	-1	69	-2	-1	-1	0	0
4	133	134	-1	67	-2	-1	-1	0	0
5	149	150	-1	66	-2	-1	-1	0	0
6	166	167	-1	66	-2	-1	-1	0	0
7	197	198	-1	66	-3	-2	-1	0	0
8	204	206	-1	68	-3	-2	-1	0	0
9	212	213	-1	72	-3	-2	-1	-1	0
10	224	225	-1	76	-3	-2	-1	-1	0
11	235	237	-1	79	-3	-2	-1	-1	1
12	243	217	26	82	25	26	26	27	28
13	248	221	27	84	26	26	27	27	28
14	253	225	27	85	26	27	27	28	29
15	255	227	28	86	26	27	28	28	29
16	256	228	28	87	26	27	28	28	29
17	255	228	28	85	26	27	28	28	29
18	253	226	28	83	26	27	28	28	29
19	252	225	27	80	26	27	27	28	29
20	252	253	-1	76	-3	-2	-1	-1	1
21	246	248	-1	73	-3	-2	-1	-1	1
22	221	222	-1	72	-3	-2	-1	-1	0
23	182	183	-1	71	-2	-2	-1	0	0
24	160	161	-1	70	-2	-1	-1	0	0
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,994	4,791	202	79.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Appendix B: SCE DRC Ex Ante Load Impact Tables

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
JUL monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 1,477
 Number of Accounts Enrolled: 1,477

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	421,933	421,708	226	72	-4,587	-1,730	226	2,163	4,930
2	411,226	411,006	220	71	-4,470	-1,686	220	2,108	4,805
3	401,573	401,359	215	70	-4,365	-1,647	215	2,059	4,692
4	397,463	397,251	212	69	-4,321	-1,630	212	2,038	4,644
5	403,851	403,635	216	68	-4,390	-1,656	216	2,071	4,718
6	422,942	422,716	226	67	-4,598	-1,734	226	2,168	4,941
7	458,548	458,303	245	68	-4,985	-1,880	245	2,351	5,357
8	483,921	483,662	259	70	-5,260	-1,985	259	2,481	5,654
9	507,142	506,871	271	75	-5,513	-2,080	271	2,600	5,925
10	523,073	522,793	280	80	-5,686	-2,145	280	2,682	6,111
11	550,049	549,755	294	85	-5,979	-2,256	294	2,820	6,426
12	547,522	475,098	72,424	88	67,950	70,603	72,424	74,231	76,816
13	533,471	462,905	70,566	90	66,206	68,792	70,566	72,326	74,845
14	535,896	465,010	70,886	91	66,507	69,104	70,886	72,655	75,185
15	535,289	464,483	70,806	90	66,432	69,026	70,806	72,573	75,100
16	531,768	461,427	70,340	88	65,995	68,572	70,340	72,095	74,606
17	526,304	456,686	69,618	86	65,316	67,867	69,618	71,355	73,839
18	520,792	451,904	68,889	85	64,632	67,157	68,889	70,607	73,066
19	529,191	459,191	70,000	82	65,675	68,240	70,000	71,746	74,244
20	535,486	535,200	286	79	-5,821	-2,196	286	2,745	6,256
21	534,844	534,558	286	76	-5,814	-2,193	286	2,742	6,249
22	496,737	496,472	265	75	-5,400	-2,037	265	2,547	5,804
23	451,445	451,204	241	74	-4,907	-1,851	241	2,315	5,274
24	433,259	433,027	232	73	-4,710	-1,777	232	2,221	5,062
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,693,726	11,126,224	567,502	119.9	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
JUL monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 1,477
 Number of Accounts Enrolled: 1,477

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	286	286	0	72	-3	-1	0	1	3
2	278	278	0	71	-3	-1	0	1	3
3	272	272	0	70	-3	-1	0	1	3
4	269	269	0	69	-3	-1	0	1	3
5	273	273	0	68	-3	-1	0	1	3
6	286	286	0	67	-3	-1	0	1	3
7	310	310	0	68	-3	-1	0	2	4
8	328	327	0	70	-4	-1	0	2	4
9	343	343	0	75	-4	-1	0	2	4
10	354	354	0	80	-4	-1	0	2	4
11	372	372	0	85	-4	-2	0	2	4
12	371	322	49	88	46	48	49	50	52
13	361	313	48	90	45	47	48	49	51
14	363	315	48	91	45	47	48	49	51
15	362	314	48	90	45	47	48	49	51
16	360	312	48	88	45	46	48	49	51
17	356	309	47	86	44	46	47	48	50
18	353	306	47	85	44	45	47	48	49
19	358	311	47	82	44	46	47	49	50
20	363	362	0	79	-4	-1	0	2	4
21	362	362	0	76	-4	-1	0	2	4
22	336	336	0	75	-4	-1	0	2	4
23	306	305	0	74	-3	-1	0	2	4
24	293	293	0	73	-3	-1	0	2	3
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,917	7,533	384	119.9	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
AUG monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 1,477
 Number of Accounts Enrolled: 1,477

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	377,743	377,541	202	69	-4,106	-1,549	202	1,937	4,413
2	369,918	369,720	198	68	-4,021	-1,517	198	1,897	4,322
3	363,444	363,249	194	67	-3,951	-1,490	194	1,863	4,246
4	362,261	362,067	194	65	-3,938	-1,486	194	1,857	4,232
5	373,386	373,187	200	64	-4,059	-1,531	200	1,914	4,362
6	397,154	396,942	212	64	-4,317	-1,629	212	2,036	4,640
7	434,314	434,082	232	64	-4,721	-1,781	232	2,227	5,074
8	461,731	461,485	247	65	-5,019	-1,894	247	2,367	5,395
9	488,371	488,110	261	69	-5,309	-2,003	261	2,504	5,706
10	504,457	504,188	270	73	-5,484	-2,069	270	2,586	5,894
11	530,789	530,506	284	76	-5,770	-2,177	284	2,721	6,201
12	530,832	460,615	70,217	79	65,878	68,451	70,217	71,969	74,475
13	519,175	450,500	68,675	81	64,432	66,948	68,675	70,388	72,839
14	521,301	452,345	68,956	86	64,696	67,222	68,956	70,676	73,137
15	522,421	453,317	69,104	87	64,835	67,367	69,104	70,828	73,295
16	519,877	451,109	68,768	87	64,519	67,039	68,768	70,483	72,938
17	515,603	447,401	68,202	86	63,988	66,487	68,202	69,904	72,338
18	510,117	442,640	67,477	84	63,308	65,780	67,477	69,160	71,568
19	518,652	450,046	68,605	81	64,367	66,881	68,605	70,317	72,766
20	525,091	524,810	281	77	-5,708	-2,153	281	2,692	6,135
21	523,081	522,801	280	74	-5,686	-2,145	280	2,682	6,111
22	485,229	484,970	259	73	-5,275	-1,990	259	2,488	5,669
23	442,572	442,335	237	72	-4,811	-1,815	237	2,269	5,171
24	425,481	425,254	227	71	-4,625	-1,745	227	2,181	4,971
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,222,997	10,669,219	553,779	75.0	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
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 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
AUG monthly peak
All
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 1,477
 Number of Accounts Enrolled: 1,477

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	256	256	0	69	-3	-1	0	1	3
2	250	250	0	68	-3	-1	0	1	3
3	246	246	0	67	-3	-1	0	1	3
4	245	245	0	65	-3	-1	0	1	3
5	253	253	0	64	-3	-1	0	1	3
6	269	269	0	64	-3	-1	0	1	3
7	294	294	0	64	-3	-1	0	2	3
8	313	312	0	65	-3	-1	0	2	4
9	331	330	0	69	-4	-1	0	2	4
10	342	341	0	73	-4	-1	0	2	4
11	359	359	0	76	-4	-1	0	2	4
12	359	312	48	79	45	46	48	49	50
13	352	305	46	81	44	45	46	48	49
14	353	306	47	86	44	46	47	48	50
15	354	307	47	87	44	46	47	48	50
16	352	305	47	87	44	45	47	48	49
17	349	303	46	86	43	45	46	47	49
18	345	300	46	84	43	45	46	47	48
19	351	305	46	81	44	45	46	48	49
20	356	355	0	77	-4	-1	0	2	4
21	354	354	0	74	-4	-1	0	2	4
22	329	328	0	73	-4	-1	0	2	4
23	300	299	0	72	-3	-1	0	2	4
24	288	288	0	71	-3	-1	0	1	3
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,599	7,224	375	75.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
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 DR Program:
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 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
JUL monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,062
 Number of Accounts Enrolled: 2,062

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	553,190	552,895	296	71	-6,013	-2,269	296	2,836	6,463
2	539,368	539,080	288	70	-5,863	-2,212	288	2,765	6,302
3	526,917	526,635	282	69	-5,728	-2,161	282	2,701	6,156
4	521,253	520,974	279	68	-5,666	-2,138	279	2,672	6,090
5	530,918	530,634	284	68	-5,771	-2,177	284	2,722	6,203
6	557,825	557,527	298	67	-6,064	-2,288	298	2,860	6,517
7	614,261	613,933	328	67	-6,677	-2,519	328	3,149	7,177
8	656,123	655,773	351	70	-7,132	-2,691	351	3,364	7,666
9	693,598	693,227	371	75	-7,540	-2,844	371	3,556	8,104
10	717,138	716,754	383	80	-7,796	-2,941	383	3,677	8,379
11	767,016	766,606	410	85	-8,338	-3,145	410	3,932	8,961
12	767,918	666,340	101,578	88	95,302	99,024	101,578	104,112	107,737
13	753,973	654,240	99,733	89	93,571	97,225	99,733	102,221	105,781
14	759,257	658,825	100,432	90	94,227	97,907	100,432	102,938	106,522
15	759,234	658,805	100,429	89	94,224	97,904	100,429	102,935	106,519
16	755,576	655,631	99,945	87	93,770	97,432	99,945	102,439	106,006
17	748,942	649,874	99,067	85	92,947	96,577	99,067	101,539	105,075
18	741,500	643,417	98,083	84	92,023	95,617	98,083	100,530	104,031
19	749,496	650,356	99,141	81	93,016	96,648	99,141	101,614	105,153
20	753,819	753,416	403	78	-8,194	-3,091	403	3,865	8,807
21	747,009	746,610	399	75	-8,120	-3,063	399	3,830	8,728
22	671,137	670,778	359	74	-7,296	-2,752	359	3,441	7,841
23	593,686	593,369	317	73	-6,454	-2,435	317	3,044	6,936
24	568,230	567,926	304	72	-6,177	-2,330	304	2,913	6,639
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	16,047,384	15,243,626	803,758	110.6	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Industry Group:
 Local Capacity Area:
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 Weather Year:
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Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
JUL monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,062
 Number of Accounts Enrolled: 2,062

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	268	268	0	71	-3	-1	0	1	3
2	262	261	0	70	-3	-1	0	1	3
3	256	255	0	69	-3	-1	0	1	3
4	253	253	0	68	-3	-1	0	1	3
5	257	257	0	68	-3	-1	0	1	3
6	271	270	0	67	-3	-1	0	1	3
7	298	298	0	67	-3	-1	0	2	3
8	318	318	0	70	-3	-1	0	2	4
9	336	336	0	75	-4	-1	0	2	4
10	348	348	0	80	-4	-1	0	2	4
11	372	372	0	85	-4	-2	0	2	4
12	372	323	49	88	46	48	49	50	52
13	366	317	48	89	45	47	48	50	51
14	368	320	49	90	46	47	49	50	52
15	368	319	49	89	46	47	49	50	52
16	366	318	48	87	45	47	48	50	51
17	363	315	48	85	45	47	48	49	51
18	360	312	48	84	45	46	48	49	50
19	363	315	48	81	45	47	48	49	51
20	366	365	0	78	-4	-1	0	2	4
21	362	362	0	75	-4	-1	0	2	4
22	325	325	0	74	-4	-1	0	2	4
23	288	288	0	73	-3	-1	0	1	3
24	276	275	0	72	-3	-1	0	1	3
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,782	7,393	390	110.6	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
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 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
AUG monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,062
 Number of Accounts Enrolled: 2,062

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	492,390	492,127	263	68	-5,352	-2,019	263	2,524	5,753
2	482,343	482,085	258	67	-5,243	-1,978	258	2,473	5,635
3	474,140	473,886	253	66	-5,154	-1,944	253	2,431	5,540
4	473,239	472,986	253	65	-5,144	-1,941	253	2,426	5,529
5	489,978	489,716	262	64	-5,326	-2,009	262	2,512	5,725
6	523,833	523,553	280	63	-5,694	-2,148	280	2,686	6,120
7	582,709	582,398	311	63	-6,334	-2,390	311	2,988	6,808
8	627,125	626,790	335	65	-6,817	-2,572	335	3,215	7,327
9	668,661	668,303	357	68	-7,269	-2,742	357	3,428	7,812
10	692,175	691,805	370	72	-7,524	-2,839	370	3,549	8,087
11	740,645	740,249	396	75	-8,051	-3,037	396	3,797	8,653
12	744,358	645,897	98,461	78	92,378	95,986	98,461	100,918	104,432
13	733,647	636,603	97,044	80	91,049	94,605	97,044	99,466	102,929
14	738,603	640,903	97,700	85	91,664	95,244	97,700	100,137	103,625
15	741,721	643,609	98,112	86	92,051	95,646	98,112	100,560	104,062
16	739,334	641,537	97,796	87	91,754	95,338	97,796	100,237	103,727
17	734,498	637,341	97,157	86	91,154	94,714	97,157	99,581	103,049
18	726,732	630,603	96,130	84	90,190	93,713	96,130	98,528	101,959
19	734,954	637,737	97,217	80	91,211	94,773	97,217	99,643	103,113
20	739,777	739,381	395	77	-8,042	-3,034	395	3,793	8,643
21	730,969	730,579	391	74	-7,946	-2,998	391	3,748	8,540
22	655,229	654,879	350	73	-7,123	-2,687	350	3,359	7,655
23	582,683	582,372	311	72	-6,334	-2,390	311	2,987	6,808
24	559,183	558,884	299	70	-6,079	-2,293	299	2,867	6,533
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	15,408,923	14,624,220	784,703	67.3	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Weather Year:
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Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
AUG monthly peak
All
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,062
 Number of Accounts Enrolled: 2,062

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	239	239	0	68	-3	-1	0	1	3
2	234	234	0	67	-3	-1	0	1	3
3	230	230	0	66	-2	-1	0	1	3
4	230	229	0	65	-2	-1	0	1	3
5	238	237	0	64	-3	-1	0	1	3
6	254	254	0	63	-3	-1	0	1	3
7	283	282	0	63	-3	-1	0	1	3
8	304	304	0	65	-3	-1	0	2	4
9	324	324	0	68	-4	-1	0	2	4
10	336	336	0	72	-4	-1	0	2	4
11	359	359	0	75	-4	-1	0	2	4
12	361	313	48	78	45	47	48	49	51
13	356	309	47	80	44	46	47	48	50
14	358	311	47	85	44	46	47	49	50
15	360	312	48	86	45	46	48	49	50
16	359	311	47	87	44	46	47	49	50
17	356	309	47	86	44	46	47	48	50
18	352	306	47	84	44	45	47	48	49
19	356	309	47	80	44	46	47	48	50
20	359	359	0	77	-4	-1	0	2	4
21	354	354	0	74	-4	-1	0	2	4
22	318	318	0	73	-3	-1	0	2	4
23	283	282	0	72	-3	-1	0	1	3
24	271	271	0	70	-3	-1	0	1	3
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,473	7,092	381	67.3	10th	30th	50th	70th	90th

Utility:
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 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
JUL monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,554
 Number of Accounts Enrolled: 2,554

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	692,438	692,068	370	71	-7,527	-2,840	370	3,550	8,090
2	675,150	674,790	361	70	-7,339	-2,769	361	3,461	7,888
3	659,715	659,362	353	69	-7,171	-2,705	353	3,382	7,708
4	652,865	652,516	349	68	-7,097	-2,677	349	3,347	7,628
5	664,406	664,051	355	68	-7,222	-2,725	355	3,406	7,763
6	697,144	696,771	373	67	-7,578	-2,859	373	3,574	8,145
7	765,884	765,474	409	67	-8,325	-3,141	409	3,927	8,948
8	817,472	817,035	437	70	-8,886	-3,352	437	4,191	9,551
9	864,812	864,350	462	75	-9,401	-3,547	462	4,434	10,104
10	893,511	893,034	478	80	-9,713	-3,664	478	4,581	10,439
11	952,687	952,178	509	85	-10,356	-3,907	509	4,884	11,131
12	954,408	828,162	126,246	87	118,446	123,072	126,246	129,396	133,902
13	937,967	813,896	124,071	89	116,406	120,952	124,071	127,167	131,595
14	944,549	819,608	124,942	90	117,222	121,801	124,942	128,059	132,518
15	944,213	819,316	124,897	89	117,181	121,757	124,897	128,014	132,471
16	939,258	815,017	124,242	87	116,566	121,118	124,242	127,342	131,776
17	930,475	807,395	123,080	85	115,476	119,986	123,080	126,151	130,544
18	919,810	798,140	121,669	84	114,152	118,610	121,669	124,705	129,048
19	927,935	805,191	122,744	81	115,161	119,658	122,744	125,807	130,188
20	933,055	932,557	499	78	-10,143	-3,826	499	4,784	10,901
21	926,143	925,648	495	75	-10,068	-3,798	495	4,748	10,821
22	838,499	838,050	448	74	-9,115	-3,439	448	4,299	9,797
23	743,807	743,410	398	73	-8,085	-3,050	398	3,813	8,690
24	711,860	711,479	380	72	-7,738	-2,919	380	3,650	8,317
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	19,988,064	18,989,497	998,566	109.3	n/a	n/a	n/a	n/a	n/a

Utility:
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Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
JUL monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,554
 Number of Accounts Enrolled: 2,554

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	271	271	0	71	-3	-1	0	1	3
2	264	264	0	70	-3	-1	0	1	3
3	258	258	0	69	-3	-1	0	1	3
4	256	256	0	68	-3	-1	0	1	3
5	260	260	0	68	-3	-1	0	1	3
6	273	273	0	67	-3	-1	0	1	3
7	300	300	0	67	-3	-1	0	2	4
8	320	320	0	70	-3	-1	0	2	4
9	339	338	0	75	-4	-1	0	2	4
10	350	350	0	80	-4	-1	0	2	4
11	373	373	0	85	-4	-2	0	2	4
12	374	324	49	87	46	48	49	51	52
13	367	319	49	89	46	47	49	50	52
14	370	321	49	90	46	48	49	50	52
15	370	321	49	89	46	48	49	50	52
16	368	319	49	87	46	47	49	50	52
17	364	316	48	85	45	47	48	49	51
18	360	313	48	84	45	46	48	49	51
19	363	315	48	81	45	47	48	49	51
20	365	365	0	78	-4	-1	0	2	4
21	363	363	0	75	-4	-1	0	2	4
22	328	328	0	74	-4	-1	0	2	4
23	291	291	0	73	-3	-1	0	1	3
24	279	279	0	72	-3	-1	0	1	3
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	7,828	7,437	391	109.3	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
AUG monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,554
 Number of Accounts Enrolled: 2,554

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	615,993	615,664	329	68	-6,696	-2,526	329	3,158	7,197
2	603,343	603,020	322	67	-6,559	-2,474	322	3,093	7,049
3	593,108	592,791	317	66	-6,447	-2,432	317	3,041	6,930
4	592,113	591,797	316	65	-6,436	-2,428	316	3,036	6,918
5	612,520	612,192	327	64	-6,658	-2,512	327	3,140	7,156
6	654,067	653,717	350	63	-7,110	-2,682	350	3,353	7,642
7	725,922	725,534	388	63	-7,891	-2,977	388	3,722	8,481
8	780,806	780,389	417	65	-8,488	-3,202	417	4,003	9,123
9	833,243	832,797	445	68	-9,058	-3,417	445	4,272	9,735
10	861,806	861,345	461	72	-9,368	-3,534	461	4,418	10,069
11	919,315	918,824	491	75	-9,993	-3,770	491	4,713	10,741
12	924,402	802,125	122,277	78	114,722	119,203	122,277	125,328	129,692
13	911,939	791,311	120,628	80	113,175	117,595	120,628	123,638	127,943
14	918,011	796,579	121,431	85	113,929	118,378	121,431	124,461	128,795
15	921,594	799,689	121,905	86	114,374	118,841	121,905	124,947	129,298
16	918,151	796,701	121,450	87	113,946	118,396	121,450	124,480	128,815
17	911,451	790,887	120,564	85	113,115	117,532	120,564	123,572	127,875
18	900,575	781,450	119,125	83	111,765	116,130	119,125	122,097	126,349
19	909,101	788,848	120,253	80	112,823	117,229	120,253	123,253	127,545
20	914,949	914,460	489	77	-9,946	-3,752	489	4,691	10,690
21	905,321	904,837	484	74	-9,841	-3,713	484	4,642	10,577
22	817,969	817,531	437	72	-8,892	-3,354	437	4,194	9,557
23	729,311	728,921	390	71	-7,928	-2,991	390	3,739	8,521
24	699,623	699,249	374	70	-7,605	-2,869	374	3,587	8,174
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	19,174,630	18,200,659	973,971	66.5	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
AUG monthly peak
All
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,554
 Number of Accounts Enrolled: 2,554

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	241	241	0	68	-3	-1	0	1	3
2	236	236	0	67	-3	-1	0	1	3
3	232	232	0	66	-3	-1	0	1	3
4	232	232	0	65	-3	-1	0	1	3
5	240	240	0	64	-3	-1	0	1	3
6	256	256	0	63	-3	-1	0	1	3
7	284	284	0	63	-3	-1	0	1	3
8	306	306	0	65	-3	-1	0	2	4
9	326	326	0	68	-4	-1	0	2	4
10	337	337	0	72	-4	-1	0	2	4
11	360	360	0	75	-4	-1	0	2	4
12	362	314	48	78	45	47	48	49	51
13	357	310	47	80	44	46	47	48	50
14	360	312	48	85	45	46	48	49	50
15	361	313	48	86	45	47	48	49	51
16	360	312	48	87	45	46	48	49	50
17	357	310	47	85	44	46	47	48	50
18	353	306	47	83	44	45	47	48	49
19	356	309	47	80	44	46	47	48	50
20	358	358	0	77	-4	-1	0	2	4
21	355	354	0	74	-4	-1	0	2	4
22	320	320	0	72	-3	-1	0	2	4
23	286	285	0	71	-3	-1	0	1	3
24	274	274	0	70	-3	-1	0	1	3
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	7,509	7,128	381	66.5	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
JUL monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,451
 Number of Accounts Enrolled: 2,451

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	692,063	691,693	370	71	-7,523	-2,838	370	3,548	8,086
2	674,657	674,297	361	70	-7,334	-2,767	361	3,459	7,882
3	659,219	658,866	352	69	-7,166	-2,703	352	3,380	7,702
4	652,736	652,387	349	68	-7,095	-2,677	349	3,347	7,626
5	663,012	662,658	354	68	-7,207	-2,719	354	3,399	7,746
6	693,795	693,425	371	67	-7,542	-2,845	371	3,557	8,106
7	754,789	754,385	403	67	-8,205	-3,095	403	3,870	8,819
8	800,235	799,807	428	70	-8,699	-3,282	428	4,103	9,350
9	843,410	842,959	451	75	-9,168	-3,459	451	4,324	9,854
10	869,801	869,336	465	80	-9,455	-3,567	465	4,459	10,162
11	917,140	916,649	490	85	-9,970	-3,761	490	4,702	10,715
12	916,640	795,390	121,250	88	113,759	118,202	121,250	124,275	128,603
13	898,152	779,347	118,804	89	111,464	115,818	118,804	121,769	126,009
14	903,363	783,869	119,494	90	112,111	116,490	119,494	122,475	126,740
15	902,294	782,942	119,352	89	111,978	116,352	119,352	122,330	126,590
16	896,435	777,858	118,577	87	111,251	115,596	118,577	121,536	125,768
17	886,943	769,621	117,322	86	110,073	114,372	117,322	120,249	124,436
18	875,360	759,571	115,790	84	108,636	112,879	115,790	118,679	122,811
19	883,924	767,001	116,922	82	109,699	113,983	116,922	119,840	124,013
20	891,317	890,841	476	78	-9,689	-3,655	476	4,570	10,414
21	889,476	889,001	475	75	-9,669	-3,648	475	4,560	10,392
22	824,145	823,704	440	74	-8,959	-3,380	440	4,225	9,629
23	742,790	742,393	397	73	-8,074	-3,046	397	3,808	8,678
24	711,821	711,441	380	72	-7,738	-2,919	380	3,649	8,317
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	19,443,515	18,489,440	954,075	112.8	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
JUL monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,451
 Number of Accounts Enrolled: 2,451

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	282	282	0	71	-3	-1	0	1	3
2	275	275	0	70	-3	-1	0	1	3
3	269	269	0	69	-3	-1	0	1	3
4	266	266	0	68	-3	-1	0	1	3
5	271	270	0	68	-3	-1	0	1	3
6	283	283	0	67	-3	-1	0	1	3
7	308	308	0	67	-3	-1	0	2	4
8	327	326	0	70	-4	-1	0	2	4
9	344	344	0	75	-4	-1	0	2	4
10	355	355	0	80	-4	-1	0	2	4
11	374	374	0	85	-4	-2	0	2	4
12	374	325	49	88	46	48	49	51	52
13	367	318	48	89	45	47	48	50	51
14	369	320	49	90	46	48	49	50	52
15	368	320	49	89	46	47	49	50	52
16	366	317	48	87	45	47	48	50	51
17	362	314	48	86	45	47	48	49	51
18	357	310	47	84	44	46	47	48	50
19	361	313	48	82	45	47	48	49	51
20	364	364	0	78	-4	-1	0	2	4
21	363	363	0	75	-4	-1	0	2	4
22	336	336	0	74	-4	-1	0	2	4
23	303	303	0	73	-3	-1	0	2	4
24	290	290	0	72	-3	-1	0	1	3
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,935	7,545	389	112.8	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Aggregate Impact
DR Contracts (DRC)
AUG monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,451
 Number of Accounts Enrolled: 2,451

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	617,217	616,887	330	68	-6,709	-2,531	330	3,164	7,211
2	604,380	604,057	323	67	-6,570	-2,478	323	3,099	7,061
3	593,995	593,678	317	66	-6,457	-2,436	317	3,045	6,940
4	592,692	592,375	317	65	-6,443	-2,431	317	3,039	6,925
5	611,286	610,959	327	64	-6,645	-2,507	327	3,134	7,142
6	650,443	650,095	348	63	-7,071	-2,667	348	3,335	7,599
7	714,341	713,959	382	63	-7,765	-2,929	382	3,662	8,346
8	763,239	762,831	408	65	-8,297	-3,130	408	3,913	8,917
9	811,787	811,353	434	68	-8,824	-3,329	434	4,162	9,484
10	838,107	837,659	448	72	-9,111	-3,437	448	4,297	9,792
11	884,214	883,741	473	76	-9,612	-3,626	473	4,533	10,331
12	887,314	769,943	117,371	78	110,119	114,420	117,371	120,299	124,488
13	872,685	757,249	115,436	80	108,304	112,534	115,436	118,316	122,436
14	877,268	761,226	116,042	85	108,873	113,125	116,042	118,937	123,079
15	879,548	763,205	116,344	87	109,156	113,419	116,344	119,246	123,399
16	875,146	759,384	115,761	87	108,609	112,851	115,761	118,650	122,781
17	867,451	752,707	114,743	86	107,654	111,859	114,743	117,606	121,702
18	856,039	742,805	113,234	84	106,238	110,387	113,234	116,059	120,101
19	865,065	750,637	114,428	81	107,358	111,551	114,428	117,283	121,367
20	873,068	872,601	467	77	-9,491	-3,580	467	4,476	10,200
21	868,474	868,010	464	74	-9,441	-3,562	464	4,453	10,147
22	803,662	803,233	430	72	-8,736	-3,296	430	4,120	9,390
23	727,330	726,941	389	71	-7,906	-2,983	389	3,729	8,498
24	698,142	697,768	373	70	-7,589	-2,863	373	3,579	8,157
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	18,632,892	17,703,306	929,586	69.7	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

Southern California Edison
Average per Enrolled Customer
DR Contracts (DRC)
AUG monthly peak
All
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 2,451
 Number of Accounts Enrolled: 2,451

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	252	252	0	68	-3	-1	0	1	3
2	247	247	0	67	-3	-1	0	1	3
3	242	242	0	66	-3	-1	0	1	3
4	242	242	0	65	-3	-1	0	1	3
5	249	249	0	64	-3	-1	0	1	3
6	265	265	0	63	-3	-1	0	1	3
7	292	291	0	63	-3	-1	0	1	3
8	311	311	0	65	-3	-1	0	2	4
9	331	331	0	68	-4	-1	0	2	4
10	342	342	0	72	-4	-1	0	2	4
11	361	361	0	76	-4	-1	0	2	4
12	362	314	48	78	45	47	48	49	51
13	356	309	47	80	44	46	47	48	50
14	358	311	47	85	44	46	47	49	50
15	359	311	47	87	45	46	47	49	50
16	357	310	47	87	44	46	47	48	50
17	354	307	47	86	44	46	47	48	50
18	349	303	46	84	43	45	46	47	49
19	353	306	47	81	44	46	47	48	50
20	356	356	0	77	-4	-1	0	2	4
21	354	354	0	74	-4	-1	0	2	4
22	328	328	0	72	-4	-1	0	2	4
23	297	297	0	71	-3	-1	0	2	3
24	285	285	0	70	-3	-1	0	1	3
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,604	7,224	379	69.7	10th	30th	50th	70th	90th

Appendix C: SDG&E CBP Ex Ante Load Impact Tables

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 386
 Number of Accounts Enrolled: 386

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	54,130	54,246	-116	72	-3,396	-1,364	-116	1,051	2,579
2	52,865	52,967	-101	71	-3,315	-1,323	-101	1,040	2,533
3	52,244	52,342	-98	71	-3,268	-1,302	-98	1,027	2,498
4	52,636	52,739	-103	71	-3,311	-1,321	-103	1,033	2,518
5	56,037	56,188	-151	70	-3,484	-1,417	-151	1,035	2,584
6	60,969	61,157	-188	69	-3,803	-1,563	-188	1,101	2,787
7	69,999	70,222	-222	71	-4,193	-1,736	-222	1,203	3,070
8	69,664	69,870	-205	74	-3,985	-1,649	-205	1,158	2,951
9	75,417	75,684	-266	78	-4,289	-1,805	-266	1,190	3,109
10	84,190	84,560	-370	81	-4,986	-2,140	-370	1,303	3,512
11	86,834	87,233	-399	84	-5,085	-2,196	-399	1,301	3,548
12	85,980	65,298	20,682	86	18,089	19,687	20,682	21,616	22,867
13	84,205	64,731	19,474	86	17,048	18,539	19,474	20,353	21,536
14	86,721	67,286	19,435	86	16,843	18,431	19,435	20,385	21,660
15	85,491	66,440	19,051	84	16,554	18,083	19,051	19,967	21,198
16	82,818	63,947	18,870	84	16,571	17,983	18,870	19,706	20,834
17	82,596	62,968	19,629	83	17,360	18,758	19,629	20,445	21,546
18	83,535	63,605	19,930	83	17,543	19,013	19,930	20,791	21,950
19	81,432	62,260	19,173	80	16,888	18,294	19,173	20,000	21,115
20	79,274	79,684	-409	75	-4,151	-1,846	-409	965	2,788
21	78,189	78,569	-379	72	-4,184	-1,837	-379	1,011	2,849
22	74,019	74,332	-313	71	-4,171	-1,784	-313	1,080	2,913
23	62,833	63,014	-181	71	-3,767	-1,545	-181	1,100	2,778
24	55,766	55,883	-117	70	-3,452	-1,384	-117	1,068	2,618
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	1,737,847	1,585,223	152,624	87.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 386
 Number of Accounts Enrolled: 386

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	6
4	136	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	158	0	69	-10	-4	0	3	7
7	181	182	-1	71	-11	-4	-1	3	8
8	180	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	225	174	50	86	44	48	50	53	56
15	221	172	49	84	43	47	49	52	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	216	165	52	83	45	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	144	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,502	4,107	395	87.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 394
 Number of Accounts Enrolled: 394

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	55,126	55,252	-126	70	-3,480	-1,404	-126	1,071	2,638
2	53,920	54,030	-110	69	-3,424	-1,371	-110	1,069	2,612
3	53,339	53,444	-105	69	-3,382	-1,351	-105	1,059	2,582
4	53,822	53,931	-109	68	-3,427	-1,370	-109	1,068	2,606
5	57,313	57,475	-162	68	-3,590	-1,466	-162	1,059	2,657
6	62,786	62,991	-205	68	-3,954	-1,634	-205	1,134	2,887
7	72,311	72,555	-244	68	-4,381	-1,823	-244	1,244	3,195
8	72,667	72,903	-236	71	-4,281	-1,784	-236	1,226	3,149
9	77,538	77,828	-290	76	-4,482	-1,897	-290	1,230	3,237
10	85,635	86,022	-386	80	-5,092	-2,194	-386	1,323	3,582
11	88,889	89,311	-422	81	-5,260	-2,280	-422	1,336	3,661
12	88,888	67,593	21,295	82	18,521	20,231	21,295	22,297	23,634
13	87,531	67,386	20,144	83	17,515	19,131	20,144	21,100	22,381
14	89,734	69,632	20,101	84	17,327	19,027	20,101	21,118	22,480
15	88,933	69,057	19,876	86	17,169	18,827	19,876	20,868	22,197
16	86,782	67,054	19,728	85	17,176	18,742	19,728	20,657	21,906
17	86,638	66,200	20,438	83	17,915	19,469	20,438	21,349	22,572
18	87,146	66,634	20,512	78	17,903	19,508	20,512	21,458	22,724
19	85,300	65,433	19,867	76	17,348	18,896	19,867	20,782	22,008
20	82,965	83,414	-448	73	-4,446	-1,988	-448	1,024	2,978
21	81,858	82,270	-412	72	-4,483	-1,976	-412	1,080	3,054
22	77,589	77,944	-355	70	-4,439	-1,918	-355	1,126	3,079
23	66,299	66,529	-230	70	-4,017	-1,675	-230	1,130	2,916
24	58,894	59,046	-152	69	-3,712	-1,509	-152	1,119	2,786
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	1,801,902	1,643,933	157,968	65.8	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2009
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 394
 Number of Accounts Enrolled: 394

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	135	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	145	146	0	68	-9	-4	0	3	7
6	159	160	-1	68	-10	-4	-1	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	184	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	217	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	51	54	57	60
13	222	171	51	83	44	49	51	54	57
14	228	177	51	84	44	48	51	54	57
15	226	175	50	86	44	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	45	49	52	54	57
18	221	169	52	78	45	50	52	54	58
19	216	166	50	76	44	48	50	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	168	169	-1	70	-10	-4	-1	3	7
24	149	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,573	4,172	401	65.8	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 469
 Number of Accounts Enrolled: 469

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	65,989	66,126	-137	72	-4,149	-1,663	-137	1,289	3,154
2	64,469	64,579	-120	71	-4,050	-1,613	-120	1,275	3,100
3	63,725	63,841	-116	71	-3,995	-1,589	-116	1,260	3,057
4	64,220	64,342	-122	71	-4,049	-1,612	-122	1,269	3,084
5	68,340	68,519	-179	70	-4,258	-1,728	-179	1,270	3,164
6	74,419	74,644	-225	69	-4,656	-1,910	-225	1,353	3,417
7	85,455	85,723	-268	71	-5,136	-2,123	-268	1,478	3,765
8	85,021	85,269	-247	74	-4,880	-2,017	-247	1,423	3,617
9	91,989	92,310	-321	78	-5,247	-2,205	-321	1,460	3,808
10	102,568	103,013	-446	81	-6,083	-2,607	-446	1,596	4,292
11	105,797	106,278	-481	84	-6,205	-2,677	-481	1,595	4,338
12	104,803	79,774	25,029	86	21,854	23,811	25,029	26,172	27,704
13	102,682	79,119	23,563	86	20,589	22,417	23,563	24,641	26,091
14	105,643	82,168	23,474	86	20,303	22,246	23,474	24,637	26,198
15	104,161	81,147	23,014	84	19,957	21,829	23,014	24,135	25,642
16	100,988	78,154	22,834	84	20,014	21,746	22,834	23,859	25,243
17	100,739	76,954	23,785	83	21,002	22,718	23,785	24,787	26,137
18	101,777	77,650	24,127	83	21,208	23,007	24,127	25,182	26,599
19	99,187	75,986	23,201	80	20,406	22,126	23,201	24,213	25,577
20	96,542	97,036	-494	75	-5,067	-2,250	-494	1,185	3,411
21	95,268	95,725	-457	72	-5,111	-2,241	-457	1,242	3,489
22	90,222	90,599	-377	71	-5,100	-2,178	-377	1,327	3,569
23	76,638	76,854	-217	71	-4,609	-1,887	-217	1,351	3,403
24	67,991	68,130	-139	70	-4,218	-1,688	-139	1,310	3,204
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	2,118,623	1,933,940	184,683	87.0	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 469
 Number of Accounts Enrolled: 469

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	141	0	72	-9	-4	0	3	7
2	137	138	0	71	-9	-3	0	3	7
3	136	136	0	71	-9	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	146	146	0	70	-9	-4	0	3	7
6	159	159	0	69	-10	-4	0	3	7
7	182	183	-1	71	-11	-5	-1	3	8
8	181	182	-1	74	-10	-4	-1	3	8
9	196	197	-1	78	-11	-5	-1	3	8
10	219	220	-1	81	-13	-6	-1	3	9
11	226	227	-1	84	-13	-6	-1	3	9
12	223	170	53	86	47	51	53	56	59
13	219	169	50	86	44	48	50	53	56
14	225	175	50	86	43	47	50	53	56
15	222	173	49	84	43	47	49	51	55
16	215	167	49	84	43	46	49	51	54
17	215	164	51	83	45	48	51	53	56
18	217	166	51	83	45	49	51	54	57
19	211	162	49	80	44	47	49	52	55
20	206	207	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	164	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,517	4,124	394	87.0	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 475
 Number of Accounts Enrolled: 475

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	66,774	66,922	-149	70	-4,235	-1,705	-149	1,307	3,214
2	65,327	65,457	-130	69	-4,169	-1,667	-130	1,306	3,183
3	64,648	64,772	-124	69	-4,120	-1,643	-124	1,295	3,149
4	65,256	65,384	-129	68	-4,178	-1,667	-129	1,306	3,180
5	69,443	69,635	-192	68	-4,373	-1,782	-192	1,296	3,241
6	76,152	76,398	-246	68	-4,824	-1,990	-246	1,388	3,526
7	87,686	87,980	-293	68	-5,347	-2,223	-293	1,522	3,903
8	88,092	88,377	-285	71	-5,223	-2,175	-285	1,497	3,842
9	93,957	94,308	-352	76	-5,464	-2,311	-352	1,501	3,945
10	103,651	104,118	-467	80	-6,192	-2,665	-467	1,611	4,356
11	107,603	108,114	-511	81	-6,397	-2,772	-511	1,627	4,454
12	107,626	82,014	25,613	82	22,231	24,315	25,613	26,834	28,464
13	106,002	81,790	24,212	83	21,003	22,975	24,212	25,379	26,942
14	108,583	84,465	24,119	84	20,738	22,810	24,119	25,359	27,018
15	107,626	83,776	23,851	86	20,551	22,573	23,851	25,061	26,682
16	105,085	81,380	23,705	85	20,588	22,501	23,705	24,840	26,364
17	104,936	80,339	24,597	83	21,516	23,414	24,597	25,710	27,203
18	105,465	80,802	24,663	78	21,483	23,440	24,663	25,816	27,359
19	103,204	79,328	23,876	76	20,807	22,694	23,876	24,991	26,485
20	100,346	100,889	-544	73	-5,407	-2,416	-544	1,246	3,621
21	99,072	99,571	-499	72	-5,458	-2,404	-499	1,316	3,719
22	93,959	94,387	-428	70	-5,408	-2,334	-428	1,376	3,754
23	80,339	80,615	-276	70	-4,894	-2,038	-276	1,381	3,556
24	71,347	71,528	-180	69	-4,519	-1,834	-180	1,367	3,394
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,182,178	1,992,347	189,831	65.8	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2010
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 475
 Number of Accounts Enrolled: 475

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	141	0	70	-9	-4	0	3	7
2	138	138	0	69	-9	-4	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	138	0	68	-9	-4	0	3	7
5	146	147	0	68	-9	-4	0	3	7
6	160	161	-1	68	-10	-4	-1	3	7
7	185	185	-1	68	-11	-5	-1	3	8
8	185	186	-1	71	-11	-5	-1	3	8
9	198	199	-1	76	-12	-5	-1	3	8
10	218	219	-1	80	-13	-6	-1	3	9
11	227	228	-1	81	-13	-6	-1	3	9
12	227	173	54	82	47	51	54	56	60
13	223	172	51	83	44	48	51	53	57
14	229	178	51	84	44	48	51	53	57
15	227	176	50	86	43	48	50	53	56
16	221	171	50	85	43	47	50	52	56
17	221	169	52	83	45	49	52	54	57
18	222	170	52	78	45	49	52	54	58
19	217	167	50	76	44	48	50	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	209	210	-1	72	-11	-5	-1	3	8
22	198	199	-1	70	-11	-5	-1	3	8
23	169	170	-1	70	-10	-4	-1	3	7
24	150	151	0	69	-10	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,594	4,194	400	65.8	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
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 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
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 Weather Year:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,440,975	2,226,811	214,164	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2011
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	2,440,975	2,226,811	214,164	65.6	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2012
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
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 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,440,975	2,226,811	214,164	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2013
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Size Group:
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 Local Capacity Area:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th

Utility:
 Type of Results:
 DR Program:
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 Local Capacity Area:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	2,440,975	2,226,811	214,164	65.6	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2014
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	2,440,975	2,226,811	214,164	65.6	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2015
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2016
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2016
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
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 Local Capacity Area:
 Forecast Year:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2016
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	2,440,975	2,226,811	214,164	65.6	n/a	n/a	n/a	n/a	n/a

Utility:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2016
1-in-2
Program Level Impacts

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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2017
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2017
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2017
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,440,975	2,226,811	214,164	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2017
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2018
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
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 Industry Group:
 Local Capacity Area:
 Forecast Year:
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 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2018
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
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 Local Capacity Area:
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San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
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1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
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Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	2,440,975	2,226,811	214,164	65.6	n/a	n/a	n/a	n/a	n/a

Utility:
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San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
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1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2019
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,767	74,914	-146	72	-4,703	-1,877	-146	1,470	3,584
2	73,032	73,159	-126	71	-4,593	-1,822	-126	1,456	3,523
3	72,194	72,316	-122	71	-4,530	-1,794	-122	1,438	3,475
4	72,759	72,887	-128	71	-4,593	-1,820	-128	1,450	3,507
5	77,446	77,639	-193	70	-4,830	-1,952	-193	1,451	3,597
6	84,300	84,544	-244	69	-5,276	-2,156	-244	1,545	3,882
7	96,753	97,044	-291	71	-5,809	-2,392	-291	1,684	4,269
8	96,261	96,532	-271	74	-5,514	-2,271	-271	1,617	4,095
9	104,180	104,535	-355	78	-5,931	-2,486	-355	1,659	4,311
10	116,222	116,719	-497	81	-6,883	-2,943	-497	1,814	4,862
11	119,871	120,408	-537	84	-7,018	-3,021	-537	1,811	4,912
12	118,692	90,159	28,533	86	24,979	27,171	28,533	29,813	31,528
13	116,247	89,403	26,844	86	23,518	25,563	26,844	28,049	29,671
14	119,629	92,916	26,713	86	23,159	25,336	26,713	28,016	29,766
15	117,953	91,765	26,188	84	22,763	24,861	26,188	27,444	29,134
16	114,379	88,359	26,020	84	22,864	24,802	26,020	27,166	28,715
17	114,170	87,015	27,155	83	24,039	25,961	27,155	28,275	29,787
18	115,419	87,878	27,541	83	24,265	26,284	27,541	28,723	30,314
19	112,495	86,024	26,471	80	23,333	25,264	26,471	27,606	29,137
20	109,501	110,055	-553	75	-5,733	-2,541	-553	1,346	3,864
21	108,018	108,528	-511	72	-5,783	-2,529	-511	1,412	3,953
22	102,324	102,741	-417	71	-5,780	-2,460	-417	1,515	4,054
23	86,910	87,144	-234	71	-5,227	-2,131	-234	1,544	3,871
24	77,103	77,250	-147	70	-4,788	-1,908	-147	1,498	3,646
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	2,400,626	2,189,933	210,693	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
JUL monthly peak
Over 200 kW
All
All
2019
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	0	72	-9	-4	0	3	7
2	137	137	0	71	-9	-3	0	3	7
3	135	136	0	71	-8	-3	0	3	7
4	137	137	0	71	-9	-3	0	3	7
5	145	146	0	70	-9	-4	0	3	7
6	158	159	0	69	-10	-4	0	3	7
7	182	182	-1	71	-11	-4	-1	3	8
8	181	181	-1	74	-10	-4	-1	3	8
9	195	196	-1	78	-11	-5	-1	3	8
10	218	219	-1	81	-13	-6	-1	3	9
11	225	226	-1	84	-13	-6	-1	3	9
12	223	169	54	86	47	51	54	56	59
13	218	168	50	86	44	48	50	53	56
14	224	174	50	86	43	48	50	53	56
15	221	172	49	84	43	47	49	51	55
16	215	166	49	84	43	47	49	51	54
17	214	163	51	83	45	49	51	53	56
18	217	165	52	83	46	49	52	54	57
19	211	161	50	80	44	47	50	52	55
20	205	206	-1	75	-11	-5	-1	3	7
21	203	204	-1	72	-11	-5	-1	3	7
22	192	193	-1	71	-11	-5	-1	3	8
23	163	163	0	71	-10	-4	0	3	7
24	145	145	0	70	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,504	4,109	395	86.9	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Aggregate Impact
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2019
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	74,717	74,871	-154	70	-4,744	-1,900	-154	1,478	3,613
2	73,113	73,245	-132	69	-4,674	-1,858	-132	1,478	3,582
3	72,353	72,478	-125	69	-4,620	-1,832	-125	1,466	3,545
4	73,037	73,167	-130	68	-4,687	-1,858	-130	1,481	3,582
5	77,737	77,938	-202	68	-4,903	-1,987	-202	1,468	3,648
6	85,177	85,437	-260	68	-5,398	-2,215	-260	1,569	3,961
7	98,022	98,334	-312	68	-5,970	-2,469	-312	1,717	4,374
8	98,460	98,765	-305	71	-5,825	-2,415	-305	1,685	4,300
9	105,062	105,442	-380	76	-6,094	-2,568	-380	1,688	4,414
10	115,945	116,455	-510	80	-6,910	-2,966	-510	1,810	4,874
11	120,351	120,909	-559	81	-7,138	-3,083	-559	1,828	4,982
12	120,358	91,466	28,892	82	25,155	27,459	28,892	30,240	32,041
13	118,490	91,210	27,280	83	23,738	25,915	27,280	28,567	30,293
14	121,329	94,213	27,117	84	23,383	25,671	27,117	28,485	30,319
15	120,270	93,450	26,820	86	23,176	25,409	26,820	28,155	29,946
16	117,478	90,778	26,700	85	23,260	25,373	26,700	27,952	29,635
17	117,412	89,639	27,773	83	24,369	26,467	27,773	29,001	30,650
18	118,025	90,201	27,824	78	24,307	26,472	27,824	29,097	30,804
19	115,499	88,577	26,922	76	23,528	25,615	26,922	28,154	29,807
20	112,325	112,924	-599	73	-6,027	-2,688	-599	1,397	4,045
21	110,867	111,414	-547	72	-6,087	-2,674	-547	1,478	4,157
22	105,182	105,648	-466	70	-6,044	-2,598	-466	1,551	4,208
23	89,919	90,214	-295	70	-5,477	-2,270	-295	1,561	3,994
24	79,847	80,036	-188	69	-5,062	-2,043	-188	1,546	3,816
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	2,440,975	2,226,811	214,164	65.6	n/a	n/a	n/a	n/a	n/a

Utility:
 Type of Results:
 DR Program:
 Day Type:
 Size Group:
 Industry Group:
 Local Capacity Area:
 Forecast Year:
 Weather Year:
 Impact Level:

San Diego Gas & Electric
Average per Enrolled Customer
Capacity Bidding Program (CBP)
AUG monthly peak
Over 200 kW
All
All
2019
1-in-2
Program Level Impacts

Number of Accounts Called/Notified of Event: 533
 Number of Accounts Enrolled: 533

Hour Ending	Estimated Reference Load (kWh/hour)	Estimated Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (oF)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	140	0	70	-9	-4	0	3	7
2	137	137	0	69	-9	-3	0	3	7
3	136	136	0	69	-9	-3	0	3	7
4	137	137	0	68	-9	-3	0	3	7
5	146	146	0	68	-9	-4	0	3	7
6	160	160	0	68	-10	-4	0	3	7
7	184	184	-1	68	-11	-5	-1	3	8
8	185	185	-1	71	-11	-5	-1	3	8
9	197	198	-1	76	-11	-5	-1	3	8
10	218	218	-1	80	-13	-6	-1	3	9
11	226	227	-1	81	-13	-6	-1	3	9
12	226	172	54	82	47	52	54	57	60
13	222	171	51	83	45	49	51	54	57
14	228	177	51	84	44	48	51	53	57
15	226	175	50	86	43	48	50	53	56
16	220	170	50	85	44	48	50	52	56
17	220	168	52	83	46	50	52	54	58
18	221	169	52	78	46	50	52	55	58
19	217	166	51	76	44	48	51	53	56
20	211	212	-1	73	-11	-5	-1	3	8
21	208	209	-1	72	-11	-5	-1	3	8
22	197	198	-1	70	-11	-5	-1	3	8
23	169	169	-1	70	-10	-4	-1	3	7
24	150	150	0	69	-9	-4	0	3	7
Daily	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,580	4,178	402	65.6	10th	30th	50th	70th	90th
					n/a	n/a	n/a	n/a	n/a

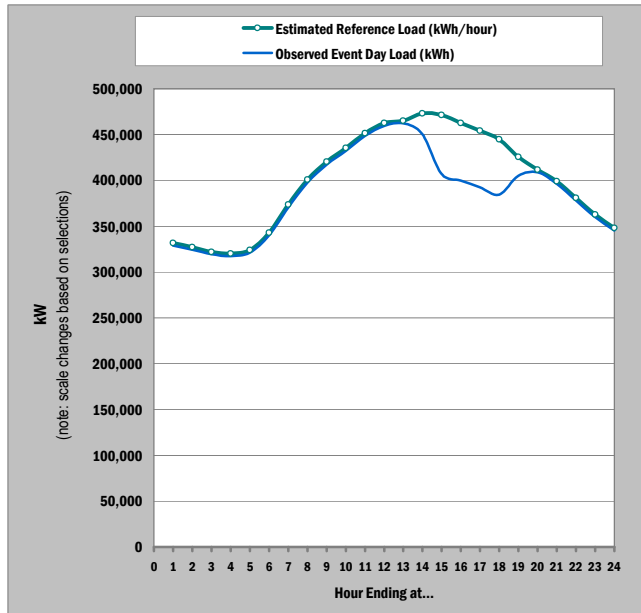
Appendix D: PG&E AMP Ex Ante Load Impact Tables

Aggregate Impacts

Number of Accounts Enrolled:

822 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-09
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

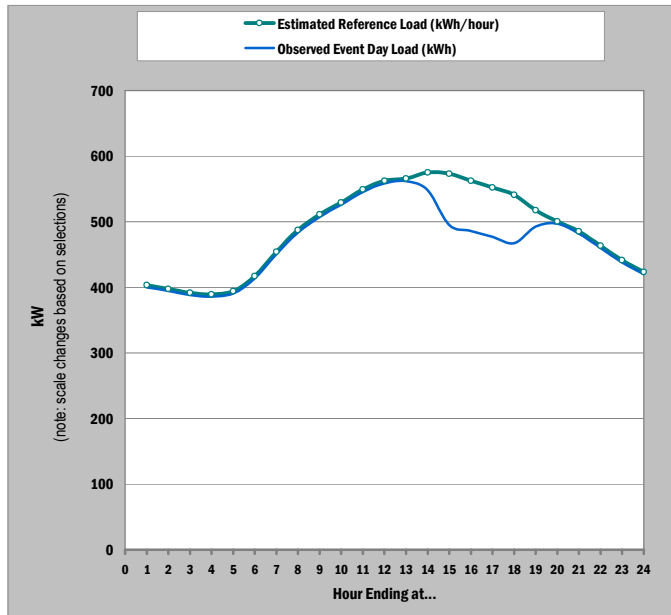


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	331,729	329,067	2,662	68	1,767	2,295	2,662	3,028	3,557
2	327,097	324,473	2,624	67	1,742	2,263	2,624	2,985	3,506
3	322,040	319,429	2,611	66	1,746	2,257	2,611	2,966	3,477
4	320,127	317,507	2,620	66	1,764	2,270	2,620	2,970	3,476
5	324,030	321,377	2,653	65	1,792	2,301	2,653	3,005	3,514
6	343,018	340,229	2,789	64	1,877	2,416	2,789	3,163	3,702
7	373,507	370,570	2,938	64	1,946	2,532	2,938	3,344	3,930
8	400,743	397,730	3,013	67	1,946	2,577	3,013	3,450	4,081
9	420,278	417,229	3,049	70	1,926	2,589	3,049	3,508	4,171
10	435,386	432,345	3,041	73	1,883	2,567	3,041	3,515	4,199
11	451,590	448,564	3,026	77	1,831	2,537	3,026	3,514	4,220
12	462,491	459,450	3,041	81	1,818	2,541	3,041	3,542	4,264
13	465,243	462,227	3,016	84	1,795	2,516	3,016	3,516	4,237
14	472,988	450,589	22,399	87	18,920	20,976	22,399	23,823	25,878
15	471,294	407,074	64,220	89	60,560	62,722	64,220	65,718	67,880
16	462,569	399,724	62,844	89	59,281	61,386	62,844	64,303	66,408
17	454,199	392,521	61,678	89	58,195	60,253	61,678	63,103	65,161
18	444,910	384,390	60,520	87	57,120	59,129	60,520	61,912	63,921
19	425,640	405,143	20,497	85	17,403	19,231	20,497	21,762	23,590
20	411,706	408,940	2,767	81	1,692	2,327	2,767	3,206	3,841
21	399,040	396,279	2,762	77	1,713	2,332	2,762	3,191	3,811
22	381,021	378,181	2,840	74	1,826	2,425	2,840	3,255	3,854
23	362,921	360,104	2,817	72	1,845	2,419	2,817	3,214	3,789
24	348,168	345,394	2,774	70	1,837	2,391	2,774	3,158	3,712
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	9,611,735	9,268,535	343,201	1,812	10th	30th	50th	70th	90th
					304,224	327,252	343,201	359,149	382,178

Average Impacts

Number of Accounts Enrolled: 822 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-09
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio



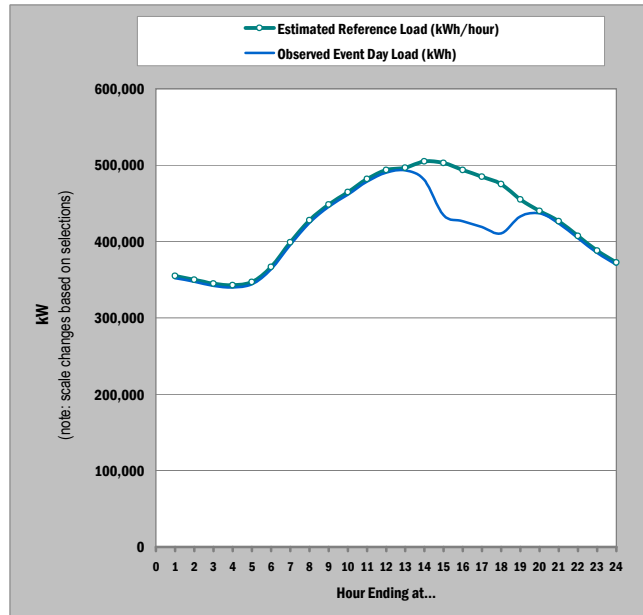
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	4	4
2	398	395	3	67	2	3	3	4	4
3	392	388	3	66	2	3	3	4	4
4	389	386	3	66	2	3	3	4	4
5	394	391	3	65	2	3	3	4	4
6	417	414	3	64	2	3	3	4	5
7	454	451	4	64	2	3	4	4	5
8	487	484	4	67	2	3	4	4	5
9	511	507	4	70	2	3	4	4	5
10	529	526	4	73	2	3	4	4	5
11	549	545	4	77	2	3	4	4	5
12	562	559	4	81	2	3	4	4	5
13	566	562	4	84	2	3	4	4	5
14	575	548	27	87	23	26	27	29	31
15	573	495	78	89	74	76	78	80	83
16	562	486	76	89	72	75	76	78	81
17	552	477	75	89	71	73	75	77	79
18	541	467	74	87	69	72	74	75	78
19	518	493	25	85	21	23	25	26	29
20	501	497	3	81	2	3	3	4	5
21	485	482	3	77	2	3	3	4	5
22	463	460	3	74	2	3	3	4	5
23	441	438	3	72	2	3	3	4	5
24	423	420	3	70	2	3	3	4	5
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,269	417	1,812	10th	30th	50th	70th	90th
					370	398	417	437	465

Aggregate Impacts

Number of Accounts Enrolled:

862 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-09
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

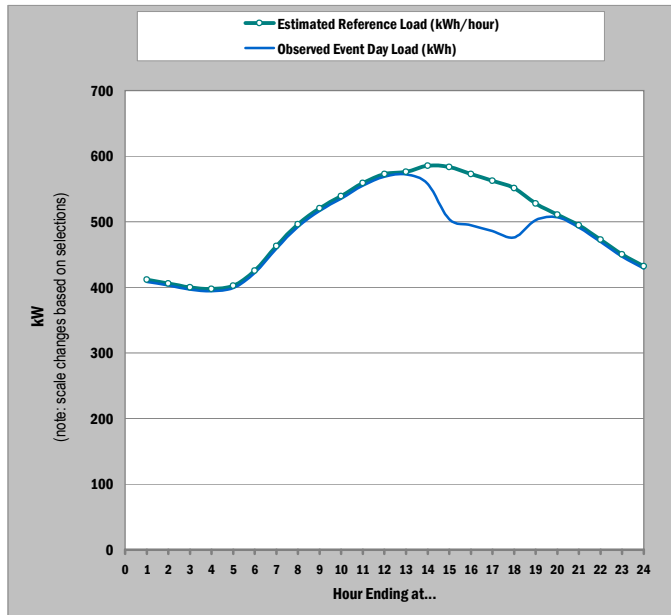


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	354,894	352,032	2,862	68	1,900	2,469	2,862	3,256	3,824
2	350,027	347,205	2,822	67	1,874	2,434	2,822	3,210	3,770
3	344,720	341,910	2,809	65	1,879	2,428	2,809	3,190	3,740
4	342,709	339,891	2,819	64	1,898	2,442	2,819	3,196	3,739
5	346,786	343,932	2,854	64	1,929	2,476	2,854	3,233	3,780
6	366,772	363,774	2,998	63	2,018	2,597	2,998	3,399	3,977
7	398,854	395,701	3,153	63	2,089	2,718	3,153	3,588	4,217
8	427,675	424,442	3,233	65	2,089	2,765	3,233	3,701	4,377
9	448,530	445,258	3,271	68	2,069	2,779	3,271	3,763	4,474
10	464,595	461,331	3,264	72	2,024	2,757	3,264	3,772	4,505
11	481,774	478,525	3,249	76	1,970	2,725	3,249	3,772	4,527
12	493,457	490,191	3,266	80	1,956	2,730	3,266	3,802	4,575
13	496,527	493,287	3,240	84	1,932	2,705	3,240	3,775	4,548
14	504,739	480,773	23,966	88	20,238	22,440	23,966	25,491	27,694
15	502,980	434,328	68,652	90	64,727	67,046	68,652	70,258	72,576
16	493,743	426,548	67,194	91	63,372	65,630	67,194	68,759	71,017
17	484,906	418,935	65,971	92	62,233	64,441	65,971	67,500	69,709
18	475,238	410,479	64,759	91	61,108	63,265	64,759	66,253	68,410
19	454,892	432,933	21,959	89	18,637	20,599	21,959	23,318	25,281
20	440,068	437,092	2,977	84	1,824	2,505	2,977	3,449	4,130
21	426,471	423,502	2,969	80	1,843	2,509	2,969	3,430	4,095
22	407,355	404,303	3,053	76	1,964	2,607	3,053	3,498	4,141
23	388,158	385,130	3,028	74	1,984	2,601	3,028	3,455	4,072
24	372,507	369,524	2,983	72	1,976	2,571	2,983	3,395	3,990
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	10,268,379	9,901,028	367,351	1,825	10th	30th	50th	70th	90th
					325,532	350,239	367,351	384,462	409,169

Average Impacts

Number of Accounts Enrolled: 862 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-09
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

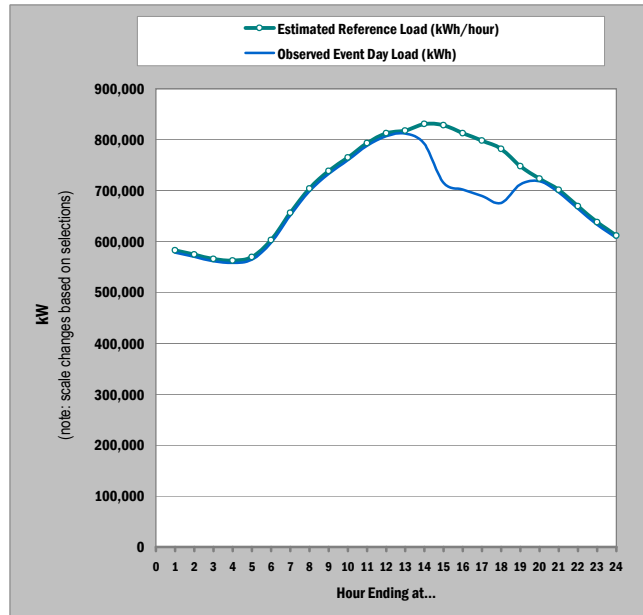


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	408	3	68	2	3	3	4	4
2	406	403	3	67	2	3	3	4	4
3	400	397	3	65	2	3	3	4	4
4	398	394	3	64	2	3	3	4	4
5	402	399	3	64	2	3	3	4	4
6	425	422	3	63	2	3	3	4	5
7	463	459	4	63	2	3	4	4	5
8	496	492	4	65	2	3	4	4	5
9	520	517	4	68	2	3	4	4	5
10	539	535	4	72	2	3	4	4	5
11	559	555	4	76	2	3	4	4	5
12	572	569	4	80	2	3	4	4	5
13	576	572	4	84	2	3	4	4	5
14	586	558	28	88	23	26	28	30	32
15	584	504	80	90	75	78	80	82	84
16	573	495	78	91	74	76	78	80	82
17	563	486	77	92	72	75	77	78	81
18	551	476	75	91	71	73	75	77	79
19	528	502	25	89	22	24	25	27	29
20	511	507	3	84	2	3	3	4	5
21	495	491	3	80	2	3	3	4	5
22	473	469	4	76	2	3	4	4	5
23	450	447	4	74	2	3	4	4	5
24	432	429	3	72	2	3	3	4	5
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	11,912	11,486	426	1,825	378	406	426	446	475

Aggregate Impacts

Number of Accounts Enrolled: 1,445 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-10
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

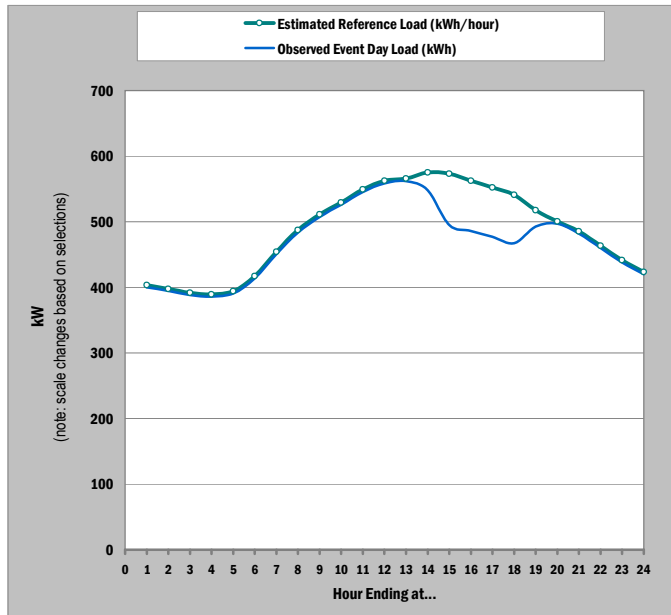


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	582,853	578,177	4,677	68	3,104	4,033	4,677	5,320	6,249
2	574,715	570,105	4,610	67	3,060	3,976	4,610	5,245	6,160
3	565,831	561,243	4,588	66	3,068	3,966	4,588	5,211	6,109
4	562,469	557,866	4,603	66	3,099	3,988	4,603	5,218	6,107
5	569,327	564,666	4,661	65	3,149	4,042	4,661	5,280	6,174
6	602,689	597,788	4,901	64	3,298	4,245	4,901	5,557	6,504
7	656,260	651,098	5,162	64	3,419	4,449	5,162	5,875	6,905
8	704,113	698,819	5,295	67	3,419	4,527	5,295	6,062	7,170
9	738,436	733,079	5,356	70	3,384	4,549	5,356	6,163	7,329
10	764,981	759,638	5,343	73	3,308	4,511	5,343	6,176	7,379
11	793,452	788,136	5,316	77	3,217	4,457	5,316	6,175	7,415
12	812,605	807,261	5,343	81	3,195	4,464	5,343	6,223	7,492
13	817,440	812,141	5,299	84	3,154	4,421	5,299	6,177	7,445
14	831,049	791,693	39,356	87	33,244	36,855	39,356	41,857	45,468
15	828,073	715,237	112,836	89	106,404	110,204	112,836	115,467	119,267
16	812,742	702,323	110,419	89	104,157	107,857	110,419	112,981	116,680
17	798,036	689,666	108,369	89	102,250	105,865	108,369	110,873	114,489
18	781,716	675,380	106,335	87	100,361	103,891	106,335	108,780	112,310
19	747,857	711,844	36,013	85	30,578	33,789	36,013	38,237	41,448
20	723,375	718,514	4,861	81	2,974	4,089	4,861	5,633	6,748
21	701,122	696,269	4,852	77	3,009	4,098	4,852	5,607	6,696
22	669,462	664,471	4,990	74	3,208	4,261	4,990	5,719	6,772
23	637,659	632,710	4,949	72	3,241	4,250	4,949	5,648	6,657
24	611,738	606,864	4,874	70	3,227	4,200	4,874	5,548	6,521
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	16,887,999	16,284,989	603,010	1,812	10th	30th	50th	70th	90th
					534,527	574,987	603,010	631,032	671,494

Average Impacts

Number of Accounts Enrolled: 1,445 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-10
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

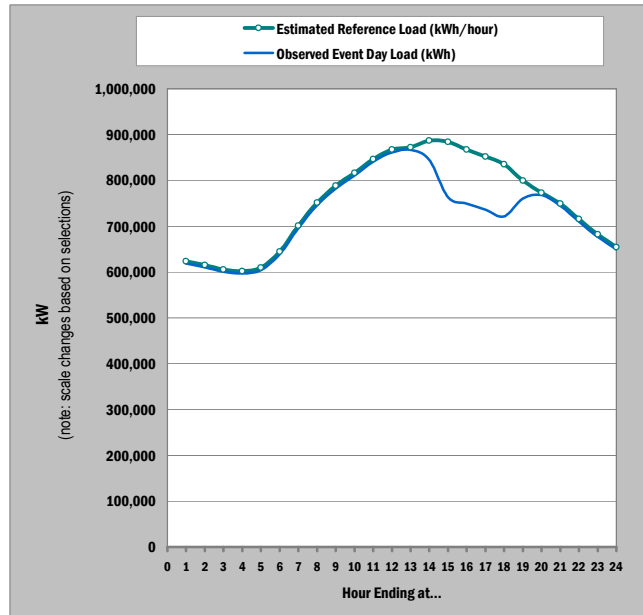


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	4	4
2	398	395	3	67	2	3	3	4	4
3	392	388	3	66	2	3	3	4	4
4	389	386	3	66	2	3	3	4	4
5	394	391	3	65	2	3	3	4	4
6	417	414	3	64	2	3	3	4	5
7	454	451	4	64	2	3	4	4	5
8	487	484	4	67	2	3	4	4	5
9	511	507	4	70	2	3	4	4	5
10	529	526	4	73	2	3	4	4	5
11	549	545	4	77	2	3	4	4	5
12	562	559	4	81	2	3	4	4	5
13	566	562	4	84	2	3	4	4	5
14	575	548	27	87	23	26	27	29	31
15	573	495	78	89	74	76	78	80	83
16	562	486	76	89	72	75	76	78	81
17	552	477	75	89	71	73	75	77	79
18	541	467	74	87	69	72	74	75	78
19	518	493	25	85	21	23	25	26	29
20	501	497	3	81	2	3	3	4	5
21	485	482	3	77	2	3	3	4	5
22	463	460	3	74	2	3	3	4	5
23	441	438	3	72	2	3	3	4	5
24	423	420	3	70	2	3	3	4	5
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,269	417	1,812	10th	30th	50th	70th	90th
					370	398	417	437	465

Aggregate Impacts

Number of Accounts Enrolled: 1,515 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-10
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

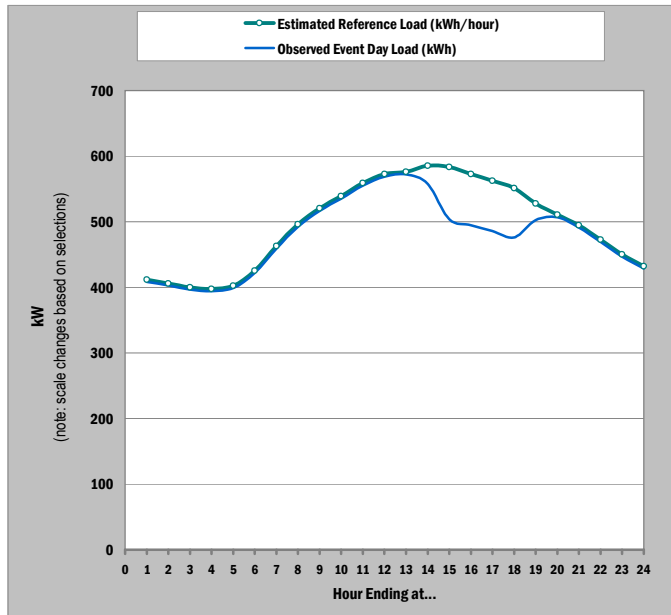


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	623,556	618,527	5,029	68	3,339	4,337	5,029	5,720	6,719
2	615,004	610,046	4,958	67	3,292	4,277	4,958	5,640	6,625
3	605,679	600,743	4,936	65	3,301	4,267	4,936	5,605	6,572
4	602,147	597,194	4,953	64	3,335	4,291	4,953	5,615	6,570
5	609,310	604,294	5,015	64	3,389	4,350	5,015	5,681	6,642
6	644,425	639,158	5,267	63	3,545	4,562	5,267	5,971	6,988
7	700,794	695,255	5,540	63	3,670	4,775	5,540	6,305	7,409
8	751,432	745,752	5,680	65	3,671	4,858	5,680	6,503	7,690
9	788,076	782,327	5,748	68	3,635	4,884	5,748	6,613	7,861
10	816,302	810,567	5,735	72	3,556	4,843	5,735	6,627	7,915
11	846,486	840,778	5,708	76	3,461	4,788	5,708	6,627	7,955
12	867,013	861,275	5,738	80	3,438	4,797	5,738	6,680	8,039
13	872,408	866,715	5,693	84	3,395	4,753	5,693	6,633	7,991
14	886,836	844,728	42,108	88	35,558	39,428	42,108	44,788	48,658
15	883,746	763,123	120,623	90	113,727	117,801	120,623	123,444	127,518
16	867,515	749,453	118,062	91	111,346	115,314	118,062	120,810	124,778
17	851,989	736,077	115,912	92	109,345	113,225	115,912	118,599	122,479
18	835,002	721,220	113,783	91	107,367	111,158	113,783	116,408	120,198
19	799,254	760,672	38,582	89	32,745	36,194	38,582	40,970	44,419
20	773,208	767,978	5,230	84	3,205	4,401	5,230	6,059	7,256
21	749,318	744,101	5,217	80	3,239	4,408	5,217	6,026	7,195
22	715,731	710,367	5,363	76	3,451	4,581	5,363	6,146	7,276
23	682,001	676,682	5,320	74	3,485	4,569	5,320	6,071	7,154
24	654,501	649,260	5,241	72	3,471	4,517	5,241	5,965	7,011
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	18,041,734	17,396,292	645,442	1,825	10th	30th	50th	70th	90th
					571,966	615,376	645,442	675,507	718,918

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-10
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

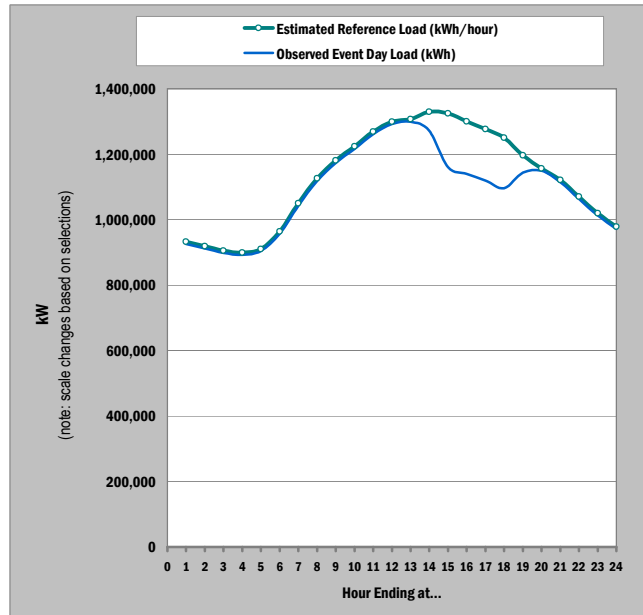


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	408	3	68	2	3	3	4	4
2	406	403	3	67	2	3	3	4	4
3	400	397	3	65	2	3	3	4	4
4	398	394	3	64	2	3	3	4	4
5	402	399	3	64	2	3	3	4	4
6	425	422	3	63	2	3	3	4	5
7	463	459	4	63	2	3	4	4	5
8	496	492	4	65	2	3	4	4	5
9	520	517	4	68	2	3	4	4	5
10	539	535	4	72	2	3	4	4	5
11	559	555	4	76	2	3	4	4	5
12	572	569	4	80	2	3	4	4	5
13	576	572	4	84	2	3	4	4	5
14	586	558	28	88	23	26	28	30	32
15	584	504	80	90	75	78	80	82	84
16	573	495	78	91	74	76	78	80	82
17	563	486	77	92	72	75	77	78	81
18	551	476	75	91	71	73	75	77	79
19	528	502	25	89	22	24	25	27	29
20	511	507	3	84	2	3	3	4	5
21	495	491	3	80	2	3	3	4	5
22	473	469	4	76	2	3	4	4	5
23	450	447	4	74	2	3	4	4	5
24	432	429	3	72	2	3	3	4	5
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,912	11,486	426	1,825	10th	30th	50th	70th	90th
Daily					378	406	426	446	475

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-11
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

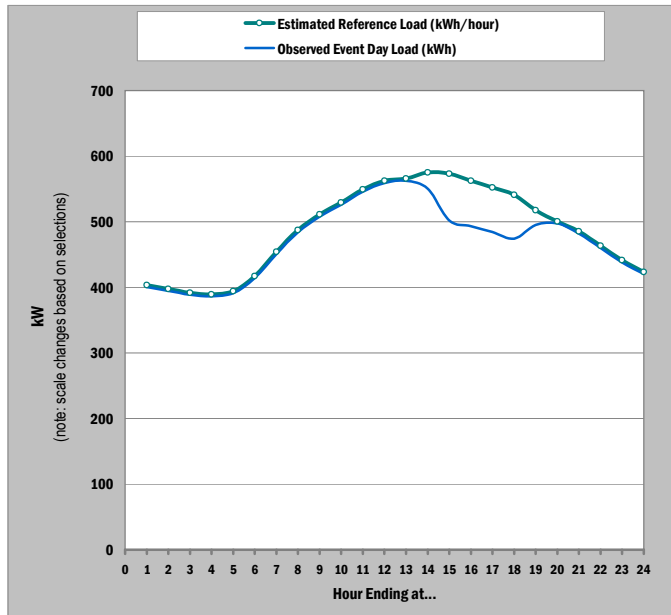


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-11
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

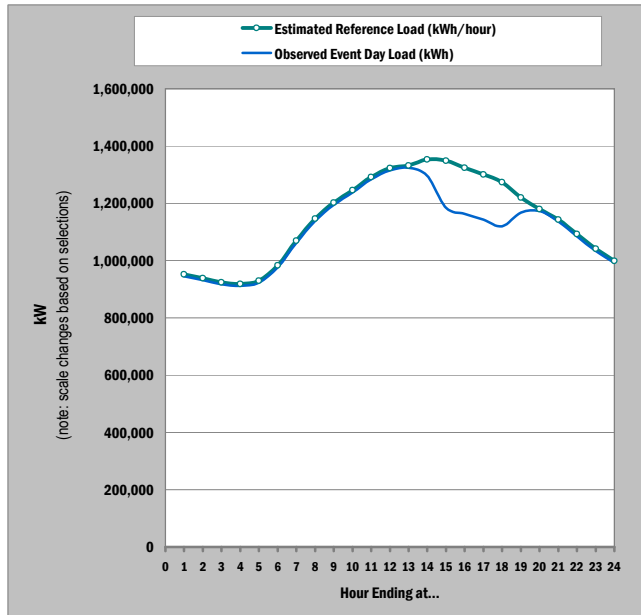


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily					336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-11
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

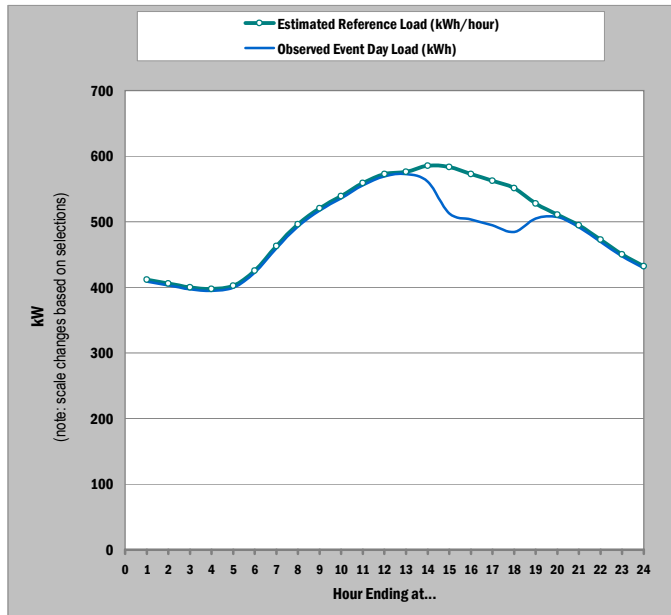


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	10th	30th	50th	70th	90th
					776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-11
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

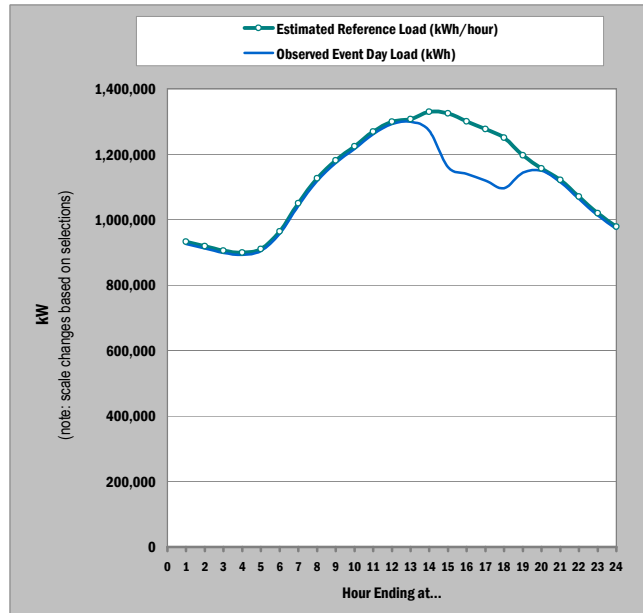


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,912	11,533	379	1,825	10th	30th	50th	70th	90th
Daily					336	362	379	397	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-12
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

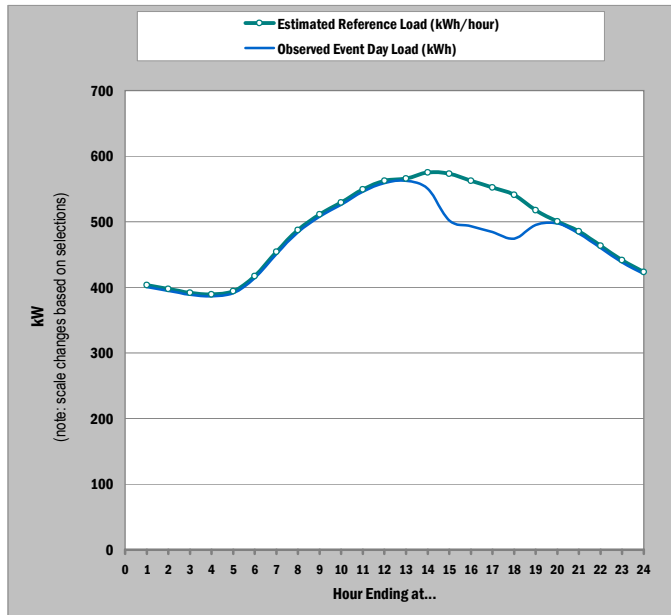


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075	
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946	
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872	
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868	
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966	
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445	
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028	
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412	
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643	
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715	
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767	
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880	
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811	
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028	
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199	
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442	
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259	
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095	
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190	
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800	
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723	
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834	
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667	
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	27,012,111	26,136,426	875,685	1,812	776,234	834,990	875,685	916,378	975,136	

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-12
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

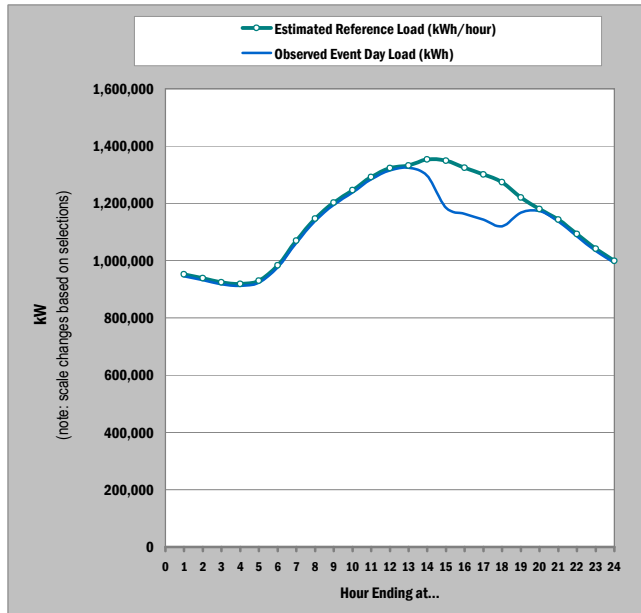


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-12
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

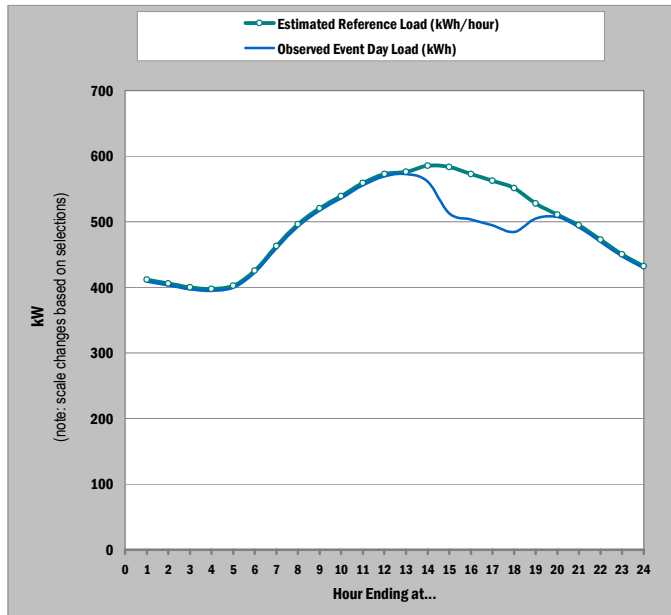


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-12
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

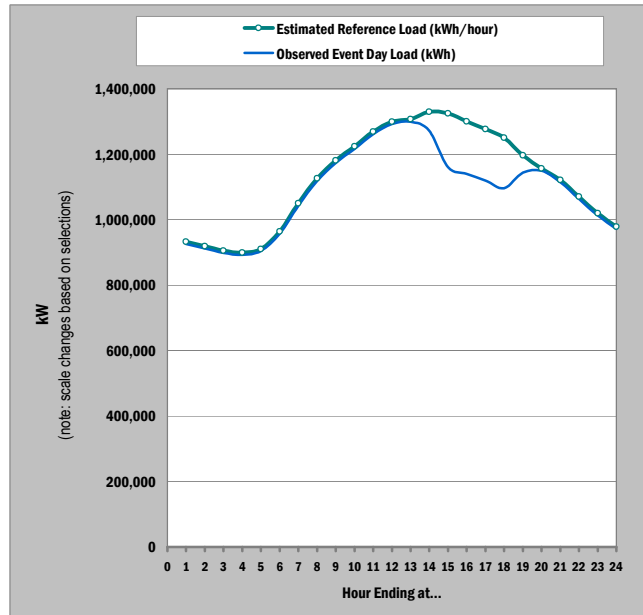


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,912	11,533	379	1,825	10th	30th	50th	70th	90th
Daily					336	362	379	397	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-13
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

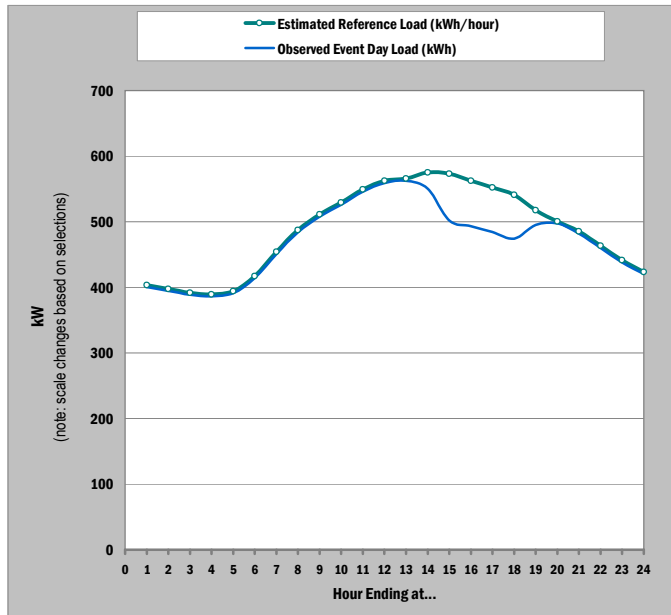


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-13
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

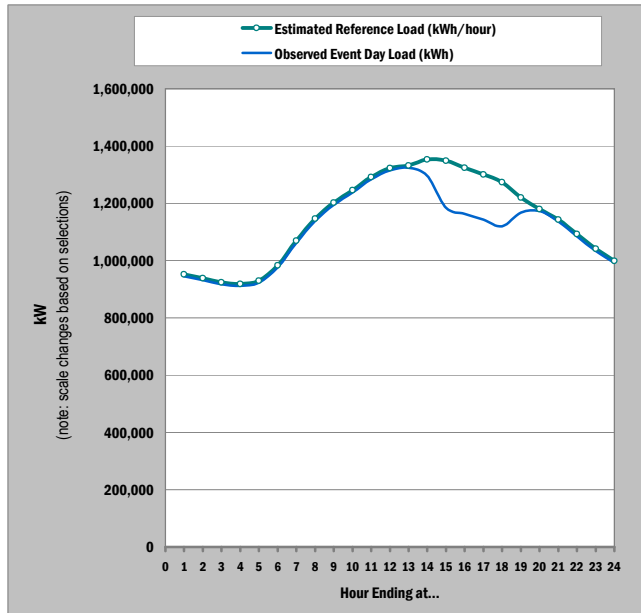


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-13
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

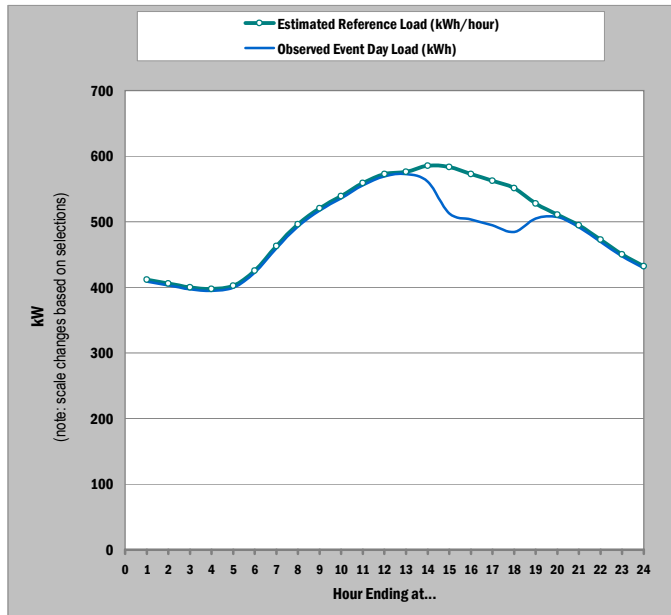


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	10th	30th	50th	70th	90th
					776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-13
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

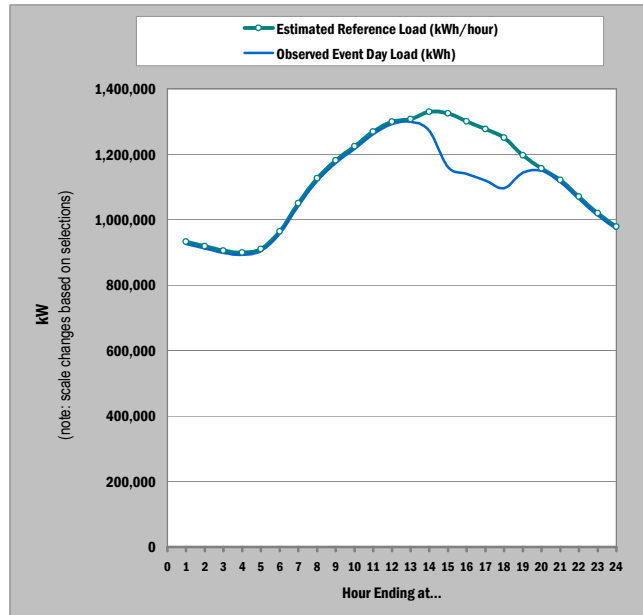


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	11,912	11,533	379	1,825	336	362	379	397	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-14
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

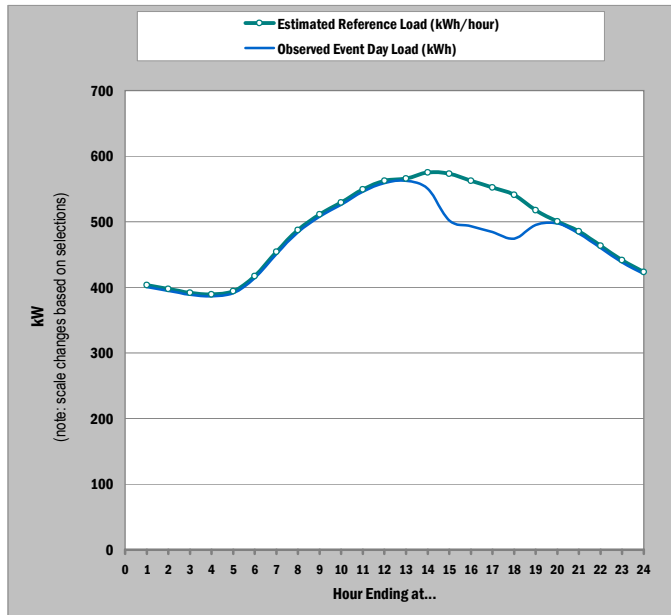


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-14
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

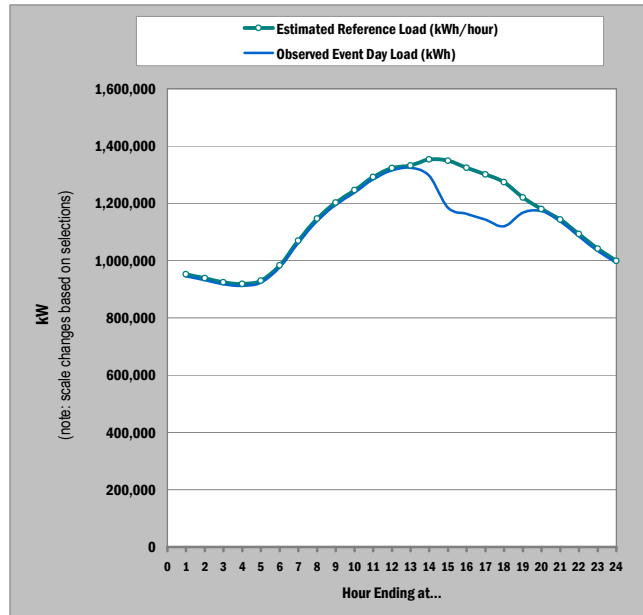


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-14
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

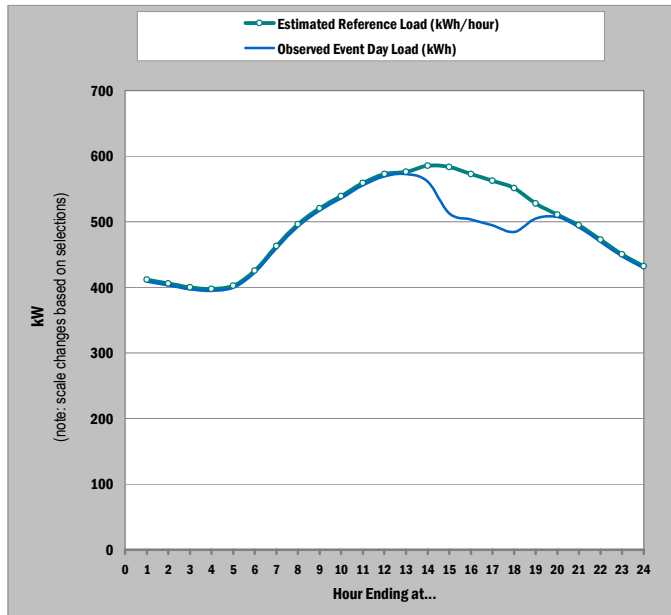


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	10th	30th	50th	70th	90th
					776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-14
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

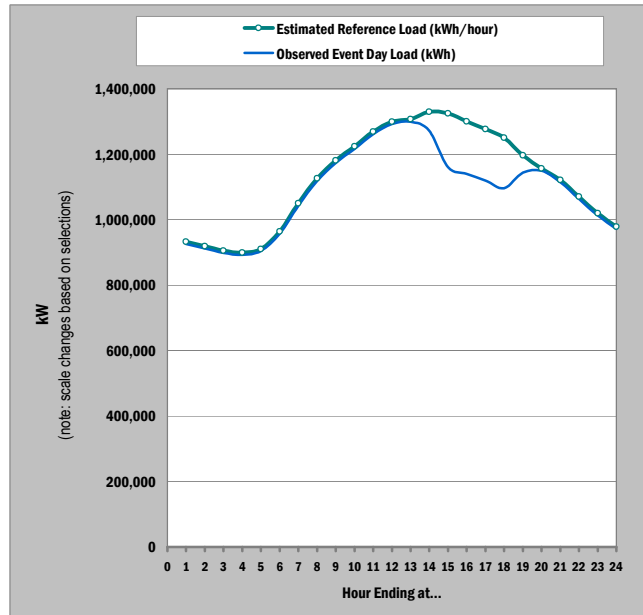


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	11,912	11,533	379	1,825	336	362	379	397	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-15
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

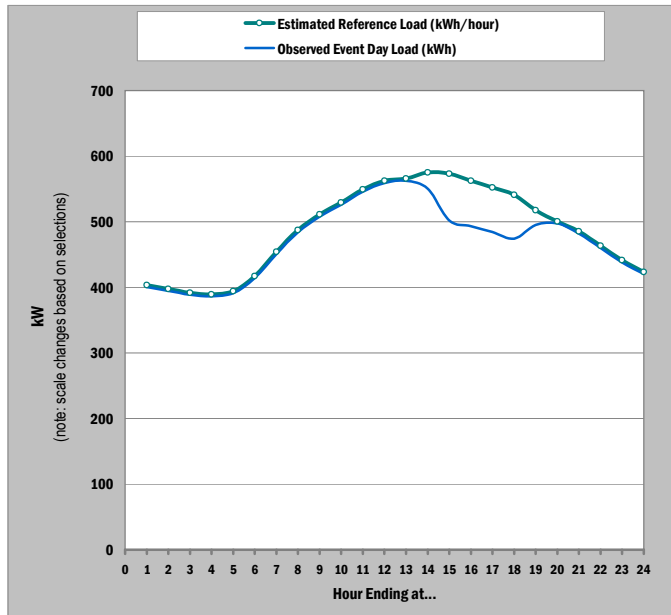


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-15
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

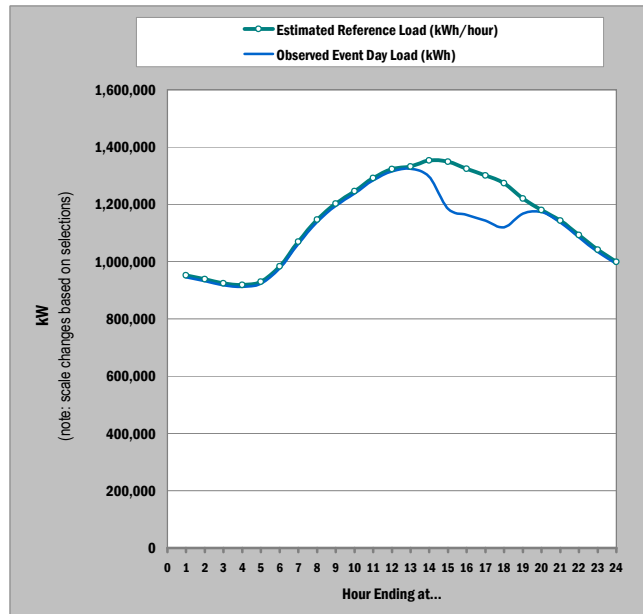


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-15
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

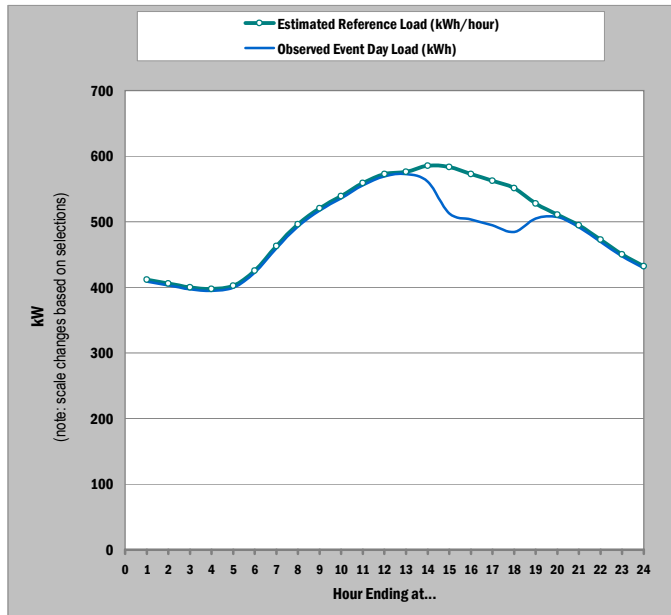


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123	
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995	
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923	
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922	
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019	
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489	
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061	
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442	
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674	
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747	
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801	
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916	
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851	
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071	
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154	
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433	
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311	
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214	
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315	
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853	
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770	
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880	
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715	
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	27,533,447	26,657,018	876,428	1,825	776,658	835,603	876,428	917,252	976,199	

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-15
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

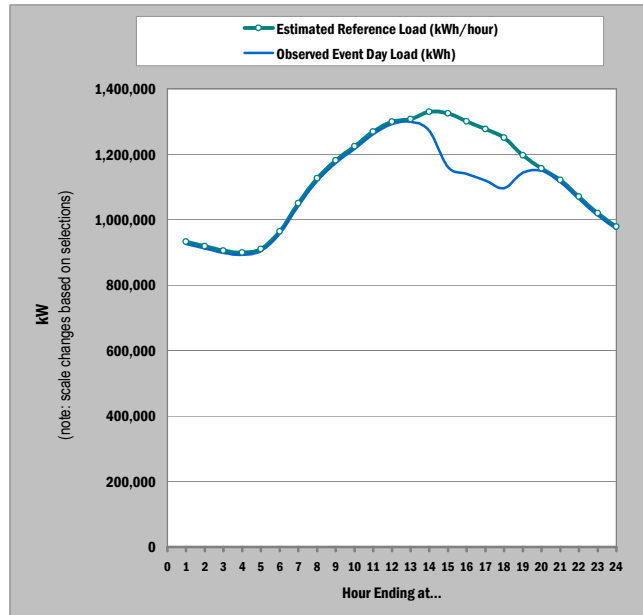


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,912	11,533	379	1,825	10th	30th	50th	70th	90th

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-16
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

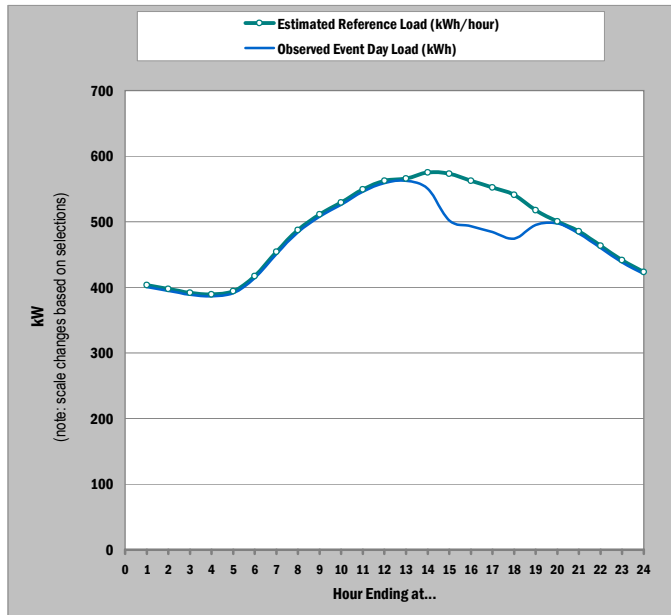


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075	
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946	
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872	
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868	
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966	
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445	
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028	
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412	
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643	
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715	
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767	
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880	
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811	
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028	
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199	
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442	
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259	
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095	
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190	
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800	
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723	
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834	
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667	
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	27,012,111	26,136,426	875,685	1,812	776,234	834,990	875,685	916,378	975,136	

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-16
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

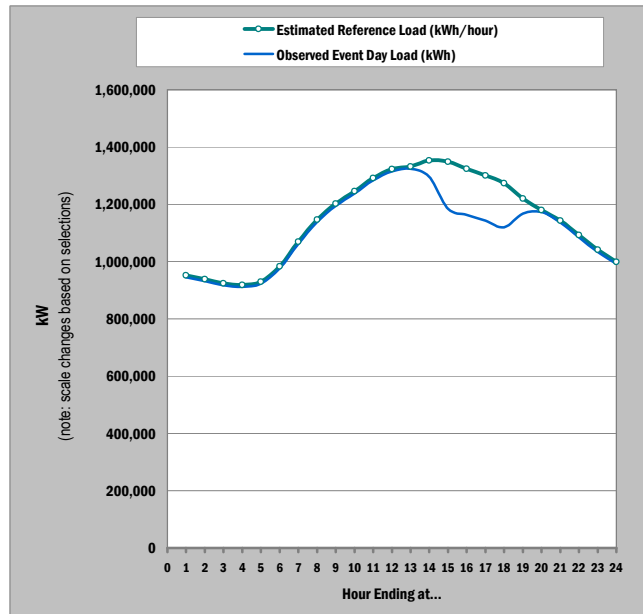


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-16
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

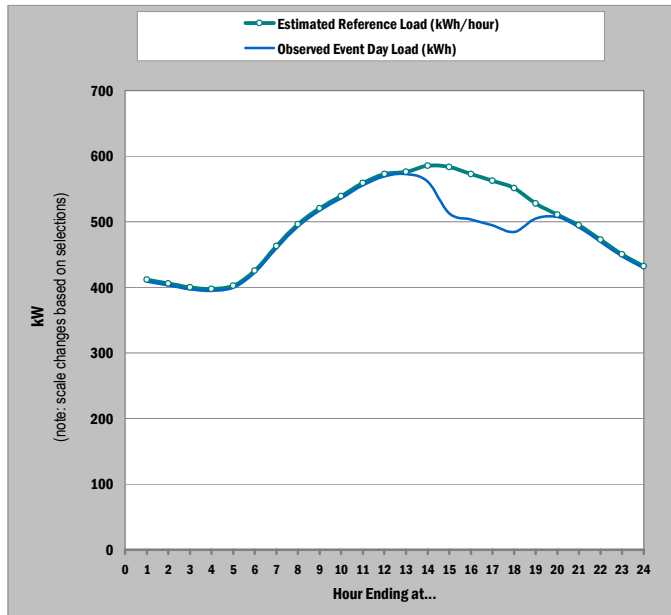


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	10th	30th	50th	70th	90th
					776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-16
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

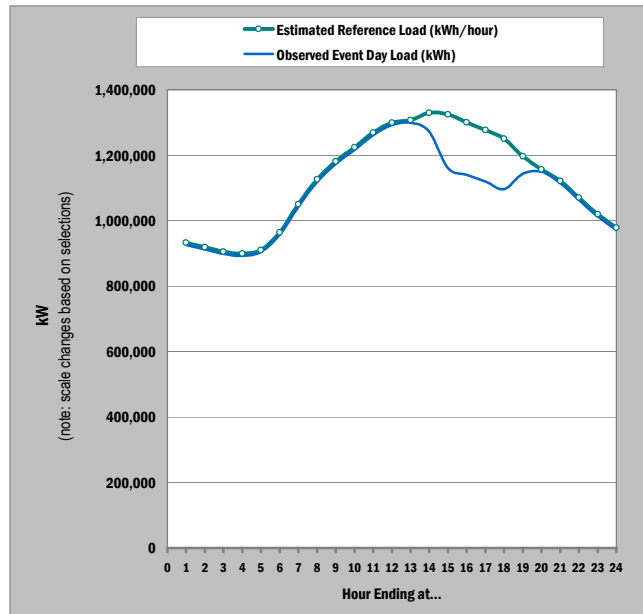


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	11,912	11,533	379	1,825	336	362	379	397	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-17
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

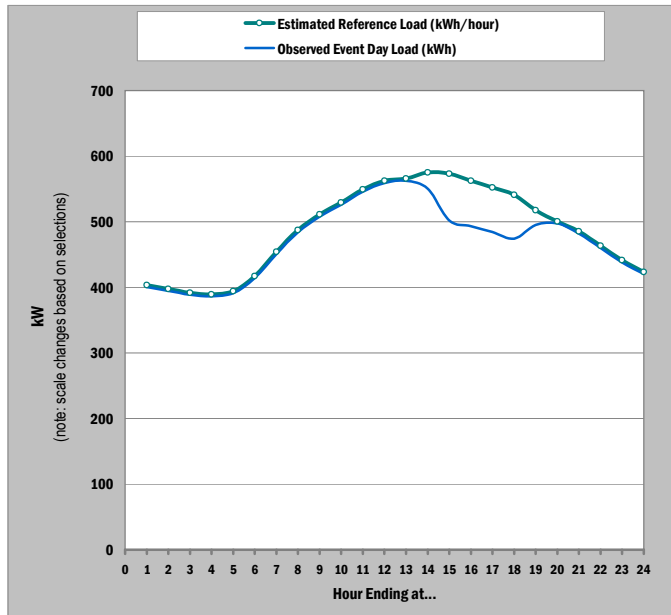


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-17
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

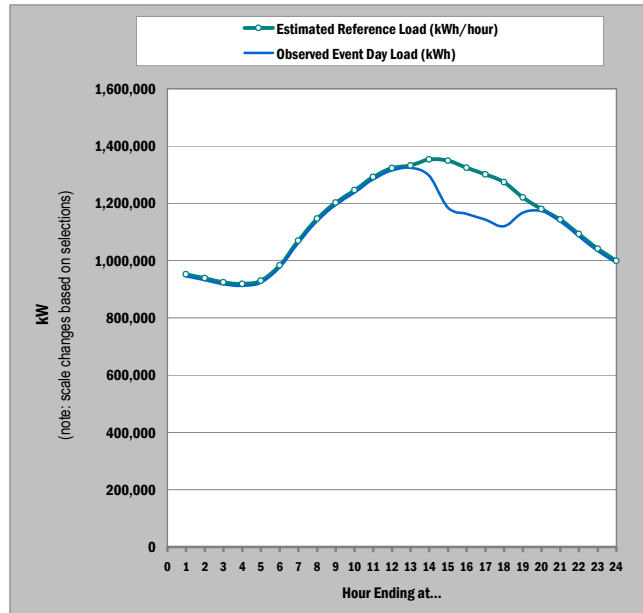


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-17
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

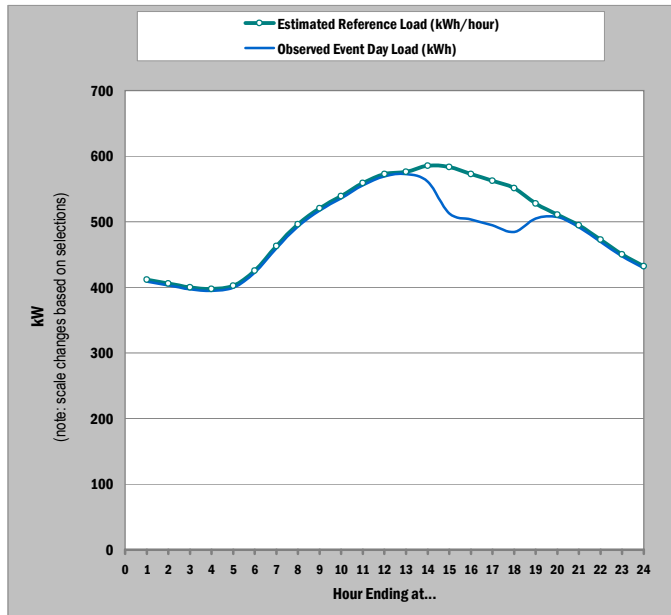


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	10th	30th	50th	70th	90th
					776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-17
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

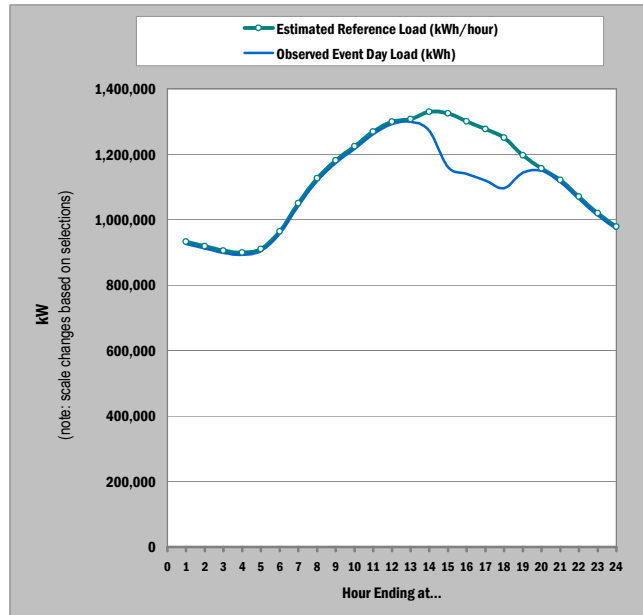


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,912	11,533	379	1,825	10th	30th	50th	70th	90th
					336	362	379	397	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-18
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

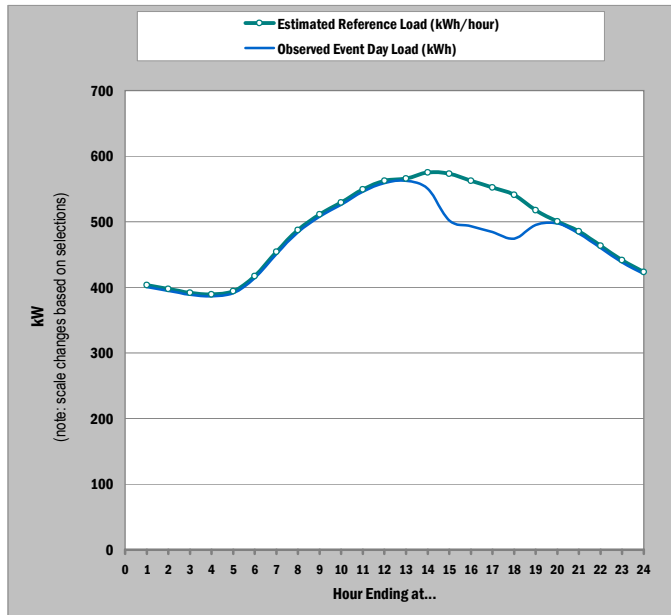


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-18
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

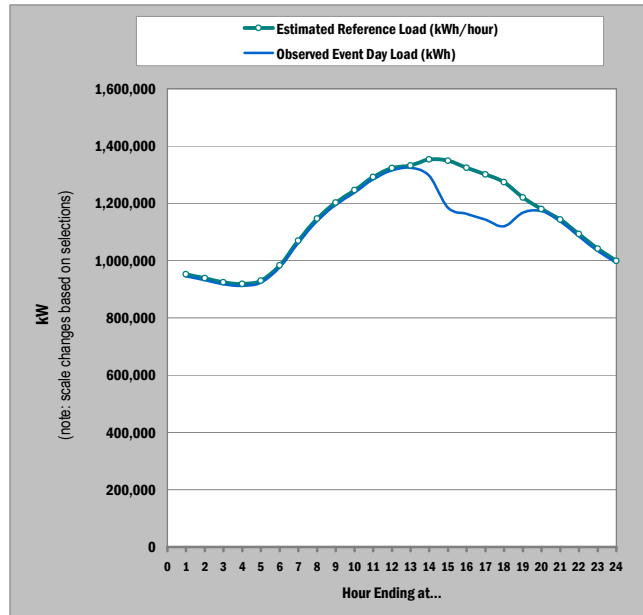


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-18
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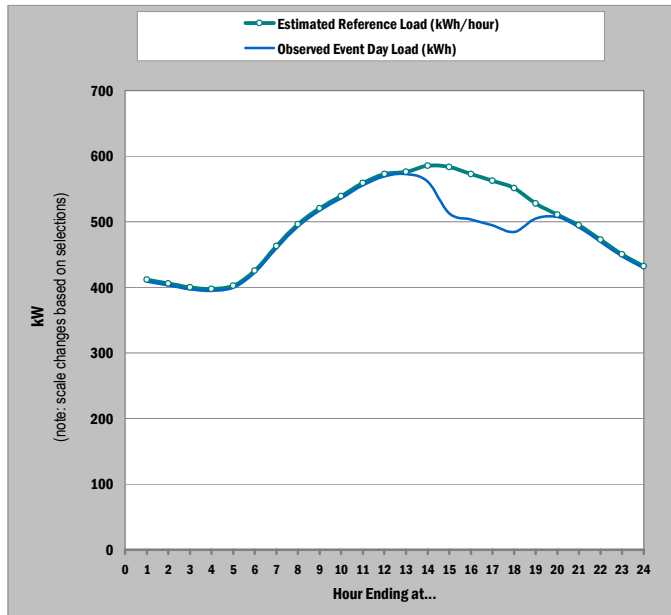


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	10th	30th	50th	70th	90th
					776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-18
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
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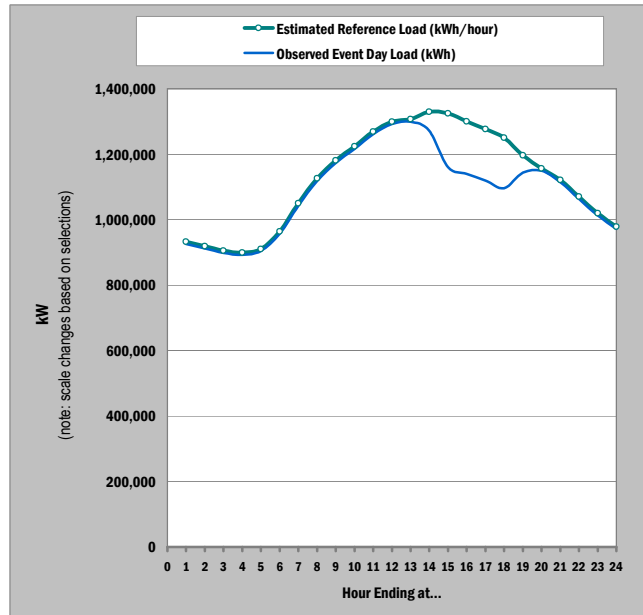


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
Daily	11,912	11,533	379	1,825	336	362	379	397	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-19
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

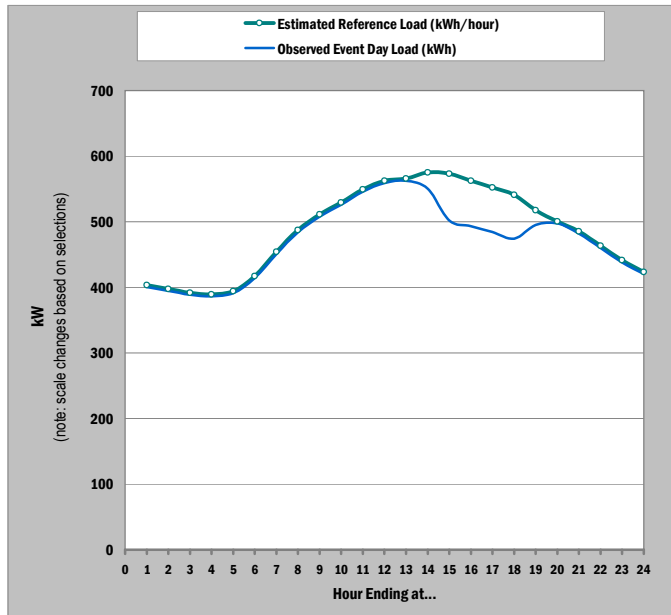


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-19
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

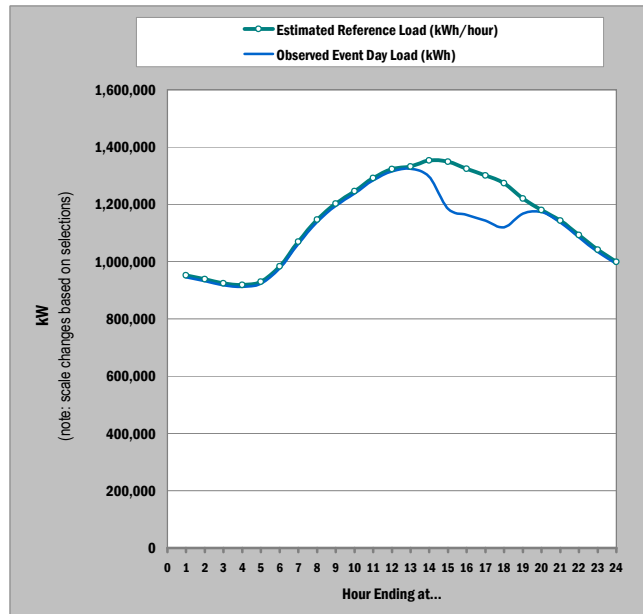


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-19
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

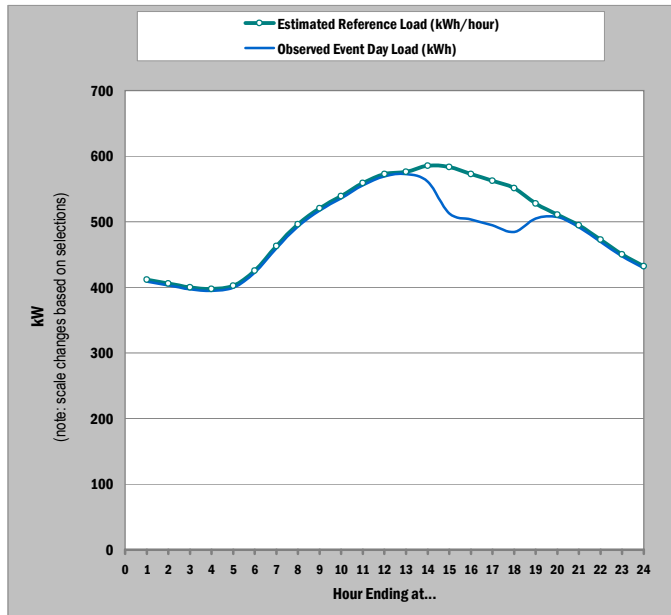


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-19
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

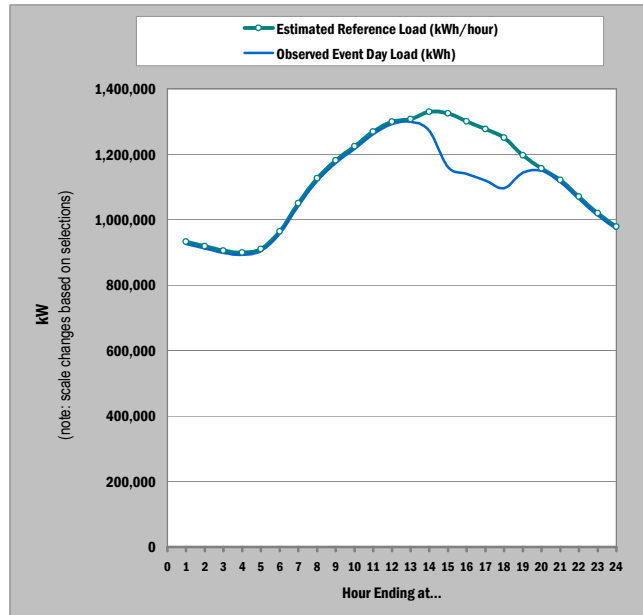


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,912	11,533	379	1,825	10th	30th	50th	70th	90th

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-20
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

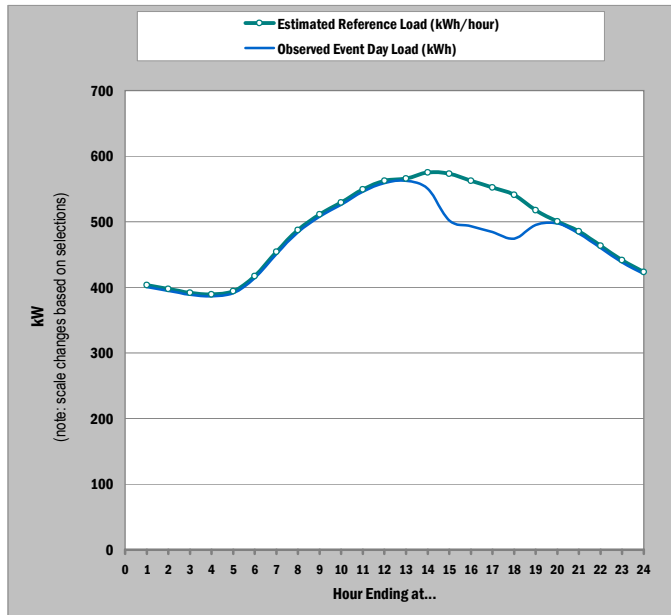


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	932,265	925,474	6,791	68	4,508	5,857	6,791	7,726	9,075
2	919,248	912,553	6,695	67	4,444	5,774	6,695	7,616	8,946
3	905,039	898,376	6,663	66	4,455	5,760	6,663	7,567	8,872
4	899,661	892,976	6,685	66	4,501	5,791	6,685	7,578	8,868
5	910,630	903,861	6,769	65	4,572	5,870	6,769	7,668	8,966
6	963,993	956,876	7,117	64	4,789	6,164	7,117	8,069	9,445
7	1,049,678	1,042,182	7,496	64	4,965	6,460	7,496	8,532	10,028
8	1,126,219	1,118,530	7,689	67	4,965	6,574	7,689	8,803	10,412
9	1,181,117	1,173,339	7,778	70	4,914	6,606	7,778	8,950	10,643
10	1,223,577	1,215,817	7,760	73	4,804	6,550	7,760	8,969	10,715
11	1,269,114	1,261,395	7,720	77	4,672	6,473	7,720	8,967	10,767
12	1,299,750	1,291,990	7,760	81	4,639	6,483	7,760	9,037	10,880
13	1,307,484	1,299,789	7,696	84	4,580	6,421	7,696	8,971	10,811
14	1,329,251	1,272,099	57,152	87	48,276	53,520	57,152	60,784	66,028
15	1,324,491	1,160,632	163,859	89	154,519	160,037	163,859	167,681	173,199
16	1,299,969	1,139,620	160,349	89	151,256	156,628	160,349	164,070	169,442
17	1,276,447	1,119,074	157,373	89	148,487	153,737	157,373	161,009	166,259
18	1,250,343	1,095,924	154,419	87	145,743	150,869	154,419	157,969	163,095
19	1,196,187	1,143,889	52,297	85	44,405	49,068	52,297	55,527	60,190
20	1,157,029	1,149,969	7,059	81	4,318	5,938	7,059	8,180	9,800
21	1,121,434	1,114,387	7,047	77	4,370	5,951	7,047	8,142	9,723
22	1,070,794	1,063,547	7,247	74	4,659	6,188	7,247	8,305	9,834
23	1,019,926	1,012,740	7,187	72	4,706	6,172	7,187	8,202	9,667
24	978,466	971,388	7,078	70	4,686	6,099	7,078	8,057	9,470
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,012,111	26,136,426	875,685	1,812	10th	30th	50th	70th	90th
					776,234	834,990	875,685	916,378	975,136

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): July-20
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

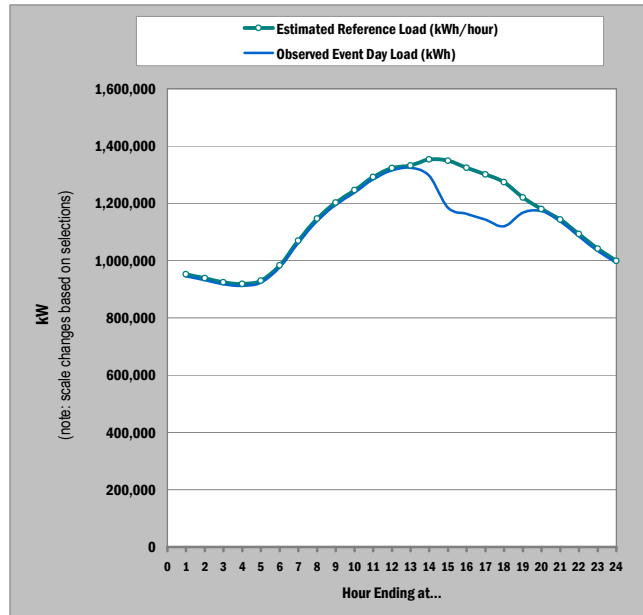


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	403	400	3	68	2	3	3	3	4
2	398	395	3	67	2	2	3	3	4
3	392	389	3	66	2	2	3	3	4
4	389	386	3	66	2	3	3	3	4
5	394	391	3	65	2	3	3	3	4
6	417	414	3	64	2	3	3	3	4
7	454	451	3	64	2	3	3	4	4
8	487	484	3	67	2	3	3	4	5
9	511	508	3	70	2	3	3	4	5
10	529	526	3	73	2	3	3	4	5
11	549	546	3	77	2	3	3	4	5
12	562	559	3	81	2	3	3	4	5
13	566	562	3	84	2	3	3	4	5
14	575	550	25	87	21	23	25	26	29
15	573	502	71	89	67	69	71	73	75
16	562	493	69	89	65	68	69	71	73
17	552	484	68	89	64	67	68	70	72
18	541	474	67	87	63	65	67	68	71
19	518	495	23	85	19	21	23	24	26
20	501	498	3	81	2	3	3	4	4
21	485	482	3	77	2	3	3	4	4
22	463	460	3	74	2	3	3	4	4
23	441	438	3	72	2	3	3	4	4
24	423	420	3	70	2	3	3	3	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,687	11,308	379	1,812	10th	30th	50th	70th	90th
Daily	11,687	11,308	379	1,812	336	361	379	396	422

Aggregate Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-20
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

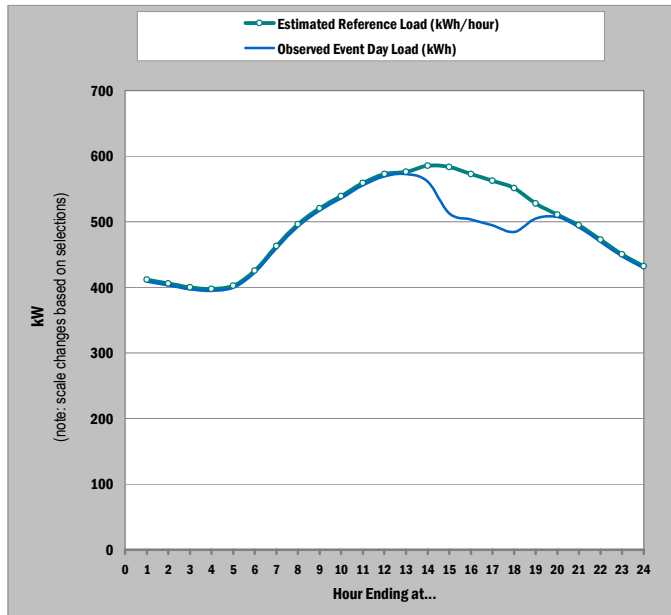


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	951,608	944,779	6,829	68	4,534	5,890	6,829	7,767	9,123
2	938,557	931,824	6,733	67	4,470	5,807	6,733	7,659	8,995
3	924,325	917,622	6,703	65	4,482	5,794	6,703	7,611	8,923
4	918,935	912,210	6,725	64	4,529	5,826	6,725	7,624	8,922
5	929,866	923,056	6,810	64	4,602	5,907	6,810	7,714	9,019
6	983,456	976,304	7,152	63	4,814	6,195	7,152	8,108	9,489
7	1,069,481	1,061,958	7,522	63	4,984	6,484	7,522	8,561	10,061
8	1,146,759	1,139,046	7,713	65	4,985	6,597	7,713	8,830	10,442
9	1,202,680	1,194,875	7,805	68	4,936	6,631	7,805	8,979	10,674
10	1,245,757	1,237,969	7,788	72	4,828	6,577	7,788	8,998	10,747
11	1,291,820	1,284,069	7,750	76	4,700	6,502	7,750	8,999	10,801
12	1,323,146	1,315,354	7,792	80	4,668	6,513	7,792	9,070	10,916
13	1,331,379	1,323,649	7,730	84	4,610	6,453	7,730	9,007	10,851
14	1,353,398	1,296,221	57,177	88	48,283	53,538	57,177	60,817	66,071
15	1,348,682	1,184,891	163,790	90	154,427	159,959	163,790	167,622	173,154
16	1,323,913	1,163,600	160,313	91	151,194	156,581	160,313	164,045	169,433
17	1,300,218	1,142,824	157,394	92	148,477	153,745	157,394	161,043	166,311
18	1,274,295	1,119,793	154,503	91	145,791	150,938	154,503	158,067	163,214
19	1,219,739	1,167,350	52,389	89	44,464	49,146	52,389	55,632	60,315
20	1,179,991	1,172,889	7,102	84	4,351	5,977	7,102	8,228	9,853
21	1,143,533	1,136,449	7,084	80	4,398	5,985	7,084	8,183	9,770
22	1,092,275	1,084,992	7,283	76	4,686	6,220	7,283	8,346	9,880
23	1,040,801	1,033,577	7,224	74	4,733	6,204	7,224	8,243	9,715
24	998,833	991,716	7,117	72	4,713	6,133	7,117	8,100	9,520
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	27,533,447	26,657,018	876,428	1,825	776,658	835,603	876,428	917,252	976,199

Average Impacts

Number of Accounts Enrolled: 2,311 (at End of Month in Which Event Occurred)

Program: AMP
 Month (for enrollment): August-20
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio



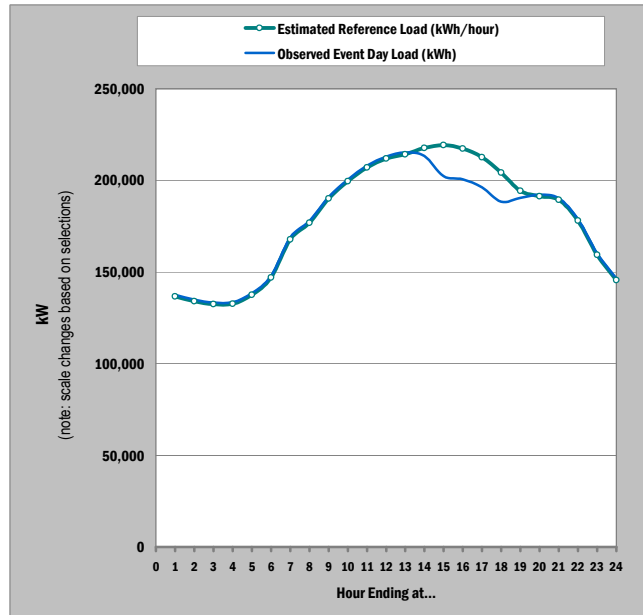
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	412	409	3	68	2	3	3	3	4
2	406	403	3	67	2	3	3	3	4
3	400	397	3	65	2	3	3	3	4
4	398	395	3	64	2	3	3	3	4
5	402	399	3	64	2	3	3	3	4
6	425	422	3	63	2	3	3	4	4
7	463	459	3	63	2	3	3	4	4
8	496	493	3	65	2	3	3	4	5
9	520	517	3	68	2	3	3	4	5
10	539	536	3	72	2	3	3	4	5
11	559	556	3	76	2	3	3	4	5
12	572	569	3	80	2	3	3	4	5
13	576	573	3	84	2	3	3	4	5
14	586	561	25	88	21	23	25	26	29
15	584	513	71	90	67	69	71	73	75
16	573	503	69	91	65	68	69	71	73
17	563	494	68	92	64	67	68	70	72
18	551	484	67	91	63	65	67	68	71
19	528	505	23	89	19	21	23	24	26
20	511	507	3	84	2	3	3	4	4
21	495	492	3	80	2	3	3	4	4
22	473	469	3	76	2	3	3	4	4
23	450	447	3	74	2	3	3	4	4
24	432	429	3	72	2	3	3	4	4
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,912	11,533	379	1,825	10th	30th	50th	70th	90th
Daily					336	362	379	397	422

Appendix E: PG&E CBP Ex Ante Load Impact Tables

Aggregate Impacts

Number of Accounts Enrolled: 976 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-09
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

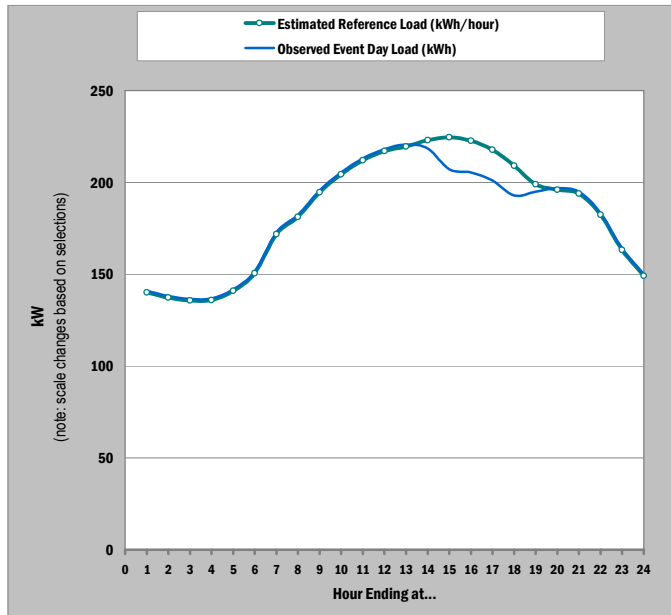


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	136,762	137,570	-808	66	-1,534	-1,105	-808	-511	-82
2	134,054	134,880	-826	66	-1,536	-1,116	-826	-535	-115
3	132,571	133,416	-845	65	-1,542	-1,130	-845	-559	-148
4	132,648	133,509	-861	65	-1,551	-1,143	-861	-579	-171
5	137,578	138,460	-882	64	-1,584	-1,169	-882	-595	-180
6	146,967	147,894	-927	64	-1,660	-1,227	-927	-627	-194
7	167,799	168,751	-952	63	-1,737	-1,273	-952	-630	-166
8	176,937	177,886	-950	66	-1,792	-1,294	-950	-606	-108
9	190,096	191,062	-967	69	-1,870	-1,336	-967	-597	-63
10	199,489	200,480	-991	72	-1,934	-1,377	-991	-605	-48
11	207,029	208,022	-993	76	-1,963	-1,390	-993	-596	-22
12	211,928	212,919	-991	79	-1,974	-1,393	-991	-589	-9
13	214,278	215,292	-1,014	83	-1,991	-1,414	-1,014	-615	-38
14	217,719	213,272	4,448	86	1,522	3,250	4,448	5,645	7,373
15	219,295	202,349	16,946	87	13,998	15,740	16,946	18,153	19,895
16	217,326	200,548	16,778	88	13,912	15,605	16,778	17,951	19,645
17	212,677	196,299	16,378	88	13,641	15,258	16,378	17,498	19,115
18	204,219	188,366	15,854	86	13,283	14,802	15,854	16,906	18,425
19	194,348	190,409	3,938	83	1,446	2,918	3,938	4,958	6,431
20	191,367	192,288	-921	79	-1,765	-1,266	-921	-575	-76
21	189,392	190,301	-909	75	-1,745	-1,251	-909	-567	-73
22	178,072	178,969	-897	72	-1,715	-1,232	-897	-562	-78
23	159,350	160,193	-843	70	-1,629	-1,164	-843	-521	-56
24	145,617	146,448	-832	69	-1,586	-1,140	-832	-523	-77
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,317,519	4,259,582	57,936	1,782	10th	30th	50th	70th	90th
					26,695	45,153	57,936	70,720	89,177

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-09
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

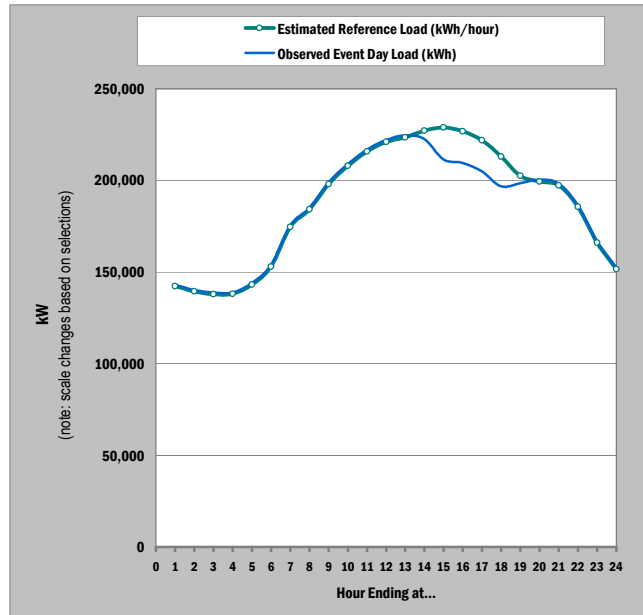


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	-1	66	-2	-1	-1	-1	0
2	137	138	-1	66	-2	-1	-1	-1	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	65	-2	-1	-1	-1	0
5	141	142	-1	64	-2	-1	-1	-1	0
6	151	151	-1	64	-2	-1	-1	-1	0
7	172	173	-1	63	-2	-1	-1	-1	0
8	181	182	-1	66	-2	-1	-1	-1	0
9	195	196	-1	69	-2	-1	-1	-1	0
10	204	205	-1	72	-2	-1	-1	-1	0
11	212	213	-1	76	-2	-1	-1	-1	0
12	217	218	-1	79	-2	-1	-1	-1	0
13	219	220	-1	83	-2	-1	-1	-1	0
14	223	218	5	86	2	3	5	6	8
15	225	207	17	87	14	16	17	19	20
16	223	205	17	88	14	16	17	18	20
17	218	201	17	88	14	16	17	18	20
18	209	193	16	86	14	15	16	17	19
19	199	195	4	83	1	3	4	5	7
20	196	197	-1	79	-2	-1	-1	-1	0
21	194	195	-1	75	-2	-1	-1	-1	0
22	182	183	-1	72	-2	-1	-1	-1	0
23	163	164	-1	70	-2	-1	-1	-1	0
24	149	150	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,422	4,362	59	1,782	10th	30th	50th	70th	90th
					27	46	59	72	91

Aggregate Impacts

Number of Accounts Enrolled: 1,016 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-09
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

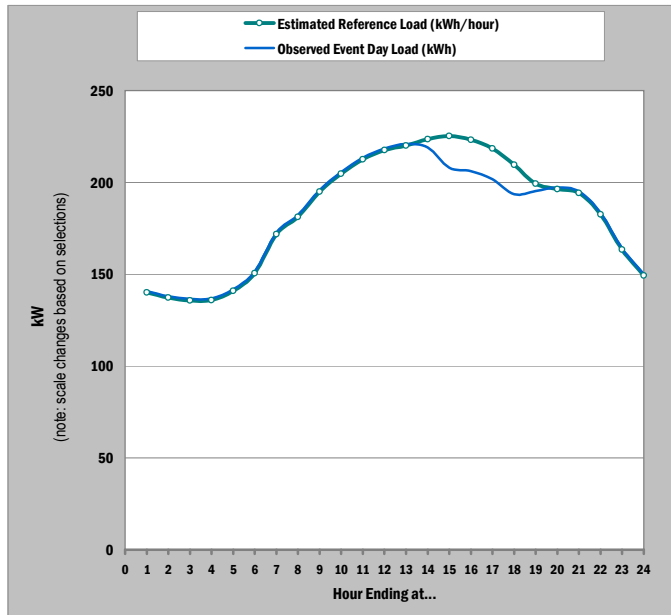


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142,254	143,043	-789	67	-1,553	-1,102	-789	-477	-25
2	139,458	140,266	-808	66	-1,556	-1,114	-808	-502	-60
3	137,932	138,760	-828	65	-1,563	-1,128	-828	-527	-93
4	138,030	138,875	-845	64	-1,572	-1,143	-845	-547	-118
5	143,140	144,008	-868	64	-1,608	-1,171	-868	-565	-128
6	152,917	153,835	-917	63	-1,689	-1,233	-917	-601	-145
7	174,539	175,482	-943	63	-1,769	-1,281	-943	-606	-118
8	184,133	185,074	-941	64	-1,826	-1,303	-941	-579	-56
9	198,007	198,967	-960	67	-1,909	-1,348	-960	-571	-11
10	207,924	208,910	-986	70	-1,977	-1,391	-986	-580	6
11	215,857	216,843	-986	74	-2,005	-1,403	-986	-569	34
12	221,010	221,994	-984	78	-2,016	-1,406	-984	-562	48
13	223,500	224,508	-1,008	82	-2,034	-1,428	-1,008	-589	17
14	227,155	222,527	4,629	86	1,552	3,370	4,629	5,888	7,705
15	228,846	211,367	17,479	89	14,386	16,214	17,479	18,745	20,573
16	226,782	209,479	17,303	90	14,295	16,072	17,303	18,534	20,311
17	221,900	205,019	16,880	90	14,009	15,705	16,880	18,055	19,752
18	213,015	196,688	16,328	89	13,630	15,224	16,328	17,431	19,025
19	202,569	198,477	4,092	87	1,471	3,019	4,092	5,165	6,713
20	199,432	200,343	-910	82	-1,797	-1,273	-910	-547	-23
21	197,357	198,256	-898	78	-1,776	-1,258	-898	-539	-21
22	185,546	186,431	-885	74	-1,745	-1,237	-885	-533	-25
23	165,994	166,821	-827	72	-1,654	-1,165	-827	-488	0
24	151,611	152,425	-814	70	-1,609	-1,139	-814	-489	-20
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,498,909	4,438,396	60,513	1,793	10th	30th	50th	70th	90th
					27,683	47,080	60,513	73,947	93,342

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-09
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

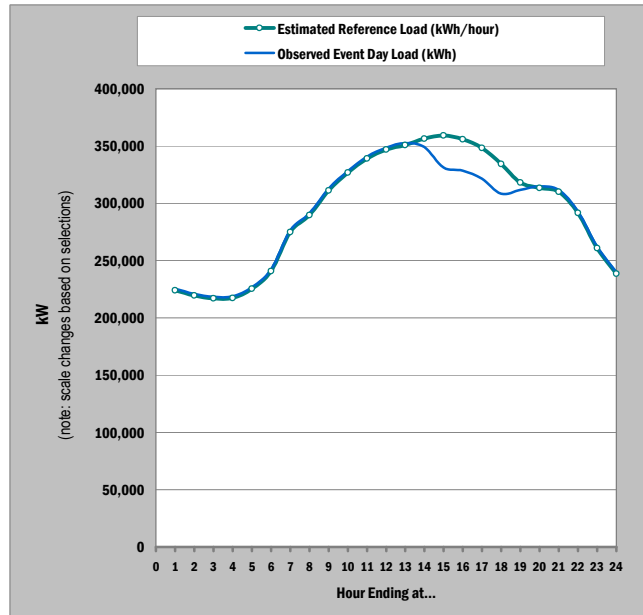


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	-1	67	-2	-1	-1	0	0
2	137	138	-1	66	-2	-1	-1	0	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	64	-2	-1	-1	-1	0
5	141	142	-1	64	-2	-1	-1	-1	0
6	151	151	-1	63	-2	-1	-1	-1	0
7	172	173	-1	63	-2	-1	-1	-1	0
8	181	182	-1	64	-2	-1	-1	-1	0
9	195	196	-1	67	-2	-1	-1	-1	0
10	205	206	-1	70	-2	-1	-1	-1	0
11	212	213	-1	74	-2	-1	-1	-1	0
12	218	218	-1	78	-2	-1	-1	-1	0
13	220	221	-1	82	-2	-1	-1	-1	0
14	224	219	5	86	2	3	5	6	8
15	225	208	17	89	14	16	17	18	20
16	223	206	17	90	14	16	17	18	20
17	218	202	17	90	14	15	17	18	19
18	210	194	16	89	13	15	16	17	19
19	199	195	4	87	1	3	4	5	7
20	196	197	-1	82	-2	-1	-1	-1	0
21	194	195	-1	78	-2	-1	-1	-1	0
22	183	183	-1	74	-2	-1	-1	-1	0
23	163	164	-1	72	-2	-1	-1	0	0
24	149	150	-1	70	-2	-1	-1	0	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,428	4,369	60	1,793	27	46	60	73	92

Aggregate Impacts

Number of Accounts Enrolled: 1,599 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-10
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

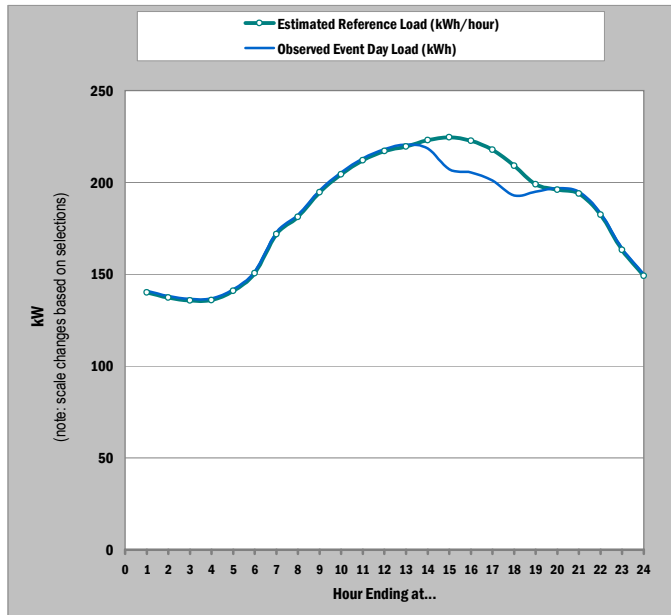


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	223,965	225,288	-1,323	66	-2,511	-1,809	-1,323	-837	-134
2	219,530	220,882	-1,352	66	-2,515	-1,828	-1,352	-876	-189
3	217,102	218,485	-1,383	65	-2,525	-1,850	-1,383	-916	-242
4	217,228	218,638	-1,410	65	-2,539	-1,872	-1,410	-948	-280
5	225,302	226,746	-1,444	64	-2,594	-1,915	-1,444	-974	-295
6	240,677	242,195	-1,518	64	-2,719	-2,009	-1,518	-1,026	-317
7	274,793	276,351	-1,559	63	-2,845	-2,085	-1,559	-1,032	-272
8	289,756	291,311	-1,556	66	-2,934	-2,120	-1,556	-992	-177
9	311,305	312,888	-1,583	69	-3,062	-2,188	-1,583	-978	-104
10	326,688	328,311	-1,623	72	-3,167	-2,255	-1,623	-991	-79
11	339,037	340,662	-1,626	76	-3,215	-2,276	-1,626	-975	-37
12	347,059	348,682	-1,623	79	-3,232	-2,281	-1,623	-965	-15
13	350,906	352,567	-1,661	83	-3,260	-2,315	-1,661	-1,006	-62
14	356,543	349,259	7,284	86	2,492	5,323	7,284	9,244	12,075
15	359,124	331,372	27,752	87	22,924	25,776	27,752	29,727	32,580
16	355,899	328,422	27,476	88	22,782	25,555	27,476	29,397	32,171
17	348,285	321,465	26,820	88	22,338	24,986	26,820	28,655	31,303
18	334,435	308,472	25,963	86	21,752	24,240	25,963	27,686	30,174
19	318,269	311,819	6,449	83	2,368	4,779	6,449	8,120	10,531
20	313,388	314,895	-1,507	79	-2,891	-2,073	-1,507	-942	-124
21	310,153	311,642	-1,489	75	-2,858	-2,049	-1,489	-929	-120
22	291,616	293,084	-1,468	72	-2,809	-2,017	-1,468	-920	-128
23	260,956	262,336	-1,380	70	-2,667	-1,907	-1,380	-853	-92
24	238,466	239,828	-1,362	69	-2,598	-1,867	-1,362	-856	-126
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,070,481	6,975,602	94,878	1,782	10th	30th	50th	70th	90th
					43,716	73,943	94,878	115,813	146,039

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-10
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

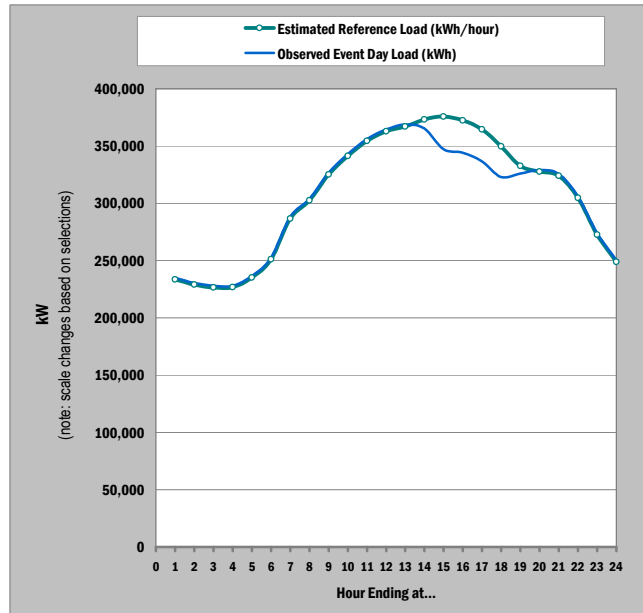


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	-1	66	-2	-1	-1	-1	0
2	137	138	-1	66	-2	-1	-1	-1	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	65	-2	-1	-1	-1	0
5	141	142	-1	64	-2	-1	-1	-1	0
6	151	151	-1	64	-2	-1	-1	-1	0
7	172	173	-1	63	-2	-1	-1	-1	0
8	181	182	-1	66	-2	-1	-1	-1	0
9	195	196	-1	69	-2	-1	-1	-1	0
10	204	205	-1	72	-2	-1	-1	-1	0
11	212	213	-1	76	-2	-1	-1	-1	0
12	217	218	-1	79	-2	-1	-1	-1	0
13	219	220	-1	83	-2	-1	-1	-1	0
14	223	218	5	86	2	3	5	6	8
15	225	207	17	87	14	16	17	19	20
16	223	205	17	88	14	16	17	18	20
17	218	201	17	88	14	16	17	18	20
18	209	193	16	86	14	15	16	17	19
19	199	195	4	83	1	3	4	5	7
20	196	197	-1	79	-2	-1	-1	-1	0
21	194	195	-1	75	-2	-1	-1	-1	0
22	182	183	-1	72	-2	-1	-1	-1	0
23	163	164	-1	70	-2	-1	-1	-1	0
24	149	150	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,422	4,362	59	1,782	10th	30th	50th	70th	90th
					27	46	59	72	91

Aggregate Impacts

Number of Accounts Enrolled: 1,669 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-10
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

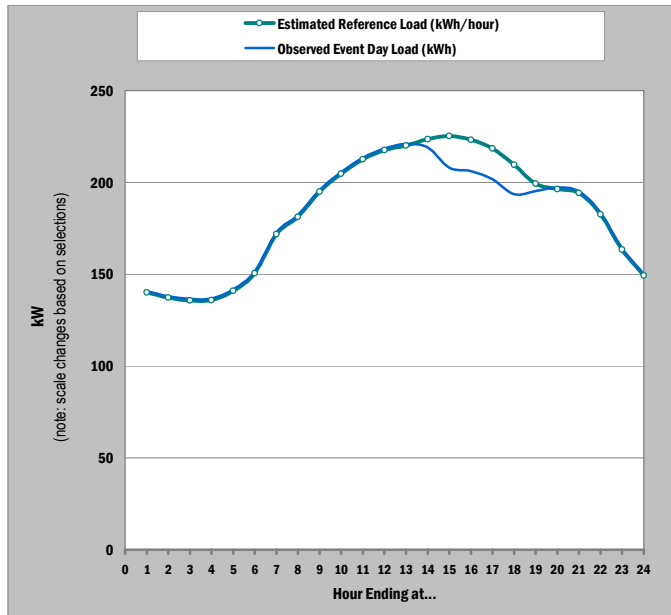


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	233,620	234,916	-1,296	67	-2,551	-1,810	-1,296	-783	-41
2	229,028	230,354	-1,327	66	-2,556	-1,830	-1,327	-824	-98
3	226,522	227,881	-1,359	65	-2,566	-1,853	-1,359	-866	-152
4	226,683	228,070	-1,388	64	-2,582	-1,876	-1,388	-899	-193
5	235,075	236,500	-1,425	64	-2,640	-1,922	-1,425	-928	-211
6	251,132	252,639	-1,506	63	-2,775	-2,025	-1,506	-987	-238
7	286,641	288,190	-1,549	63	-2,906	-2,104	-1,549	-994	-193
8	302,397	303,942	-1,545	64	-2,999	-2,140	-1,545	-951	-92
9	325,181	326,758	-1,577	67	-3,136	-2,215	-1,577	-939	-17
10	341,469	343,088	-1,619	70	-3,247	-2,285	-1,619	-953	9
11	354,497	356,116	-1,619	74	-3,294	-2,304	-1,619	-934	56
12	362,960	364,575	-1,616	78	-3,310	-2,309	-1,616	-922	79
13	367,047	368,703	-1,656	82	-3,340	-2,345	-1,656	-967	28
14	373,051	365,450	7,601	86	2,549	5,534	7,601	9,669	12,654
15	375,828	347,122	28,706	89	23,625	26,627	28,706	30,785	33,787
16	372,437	344,021	28,416	90	23,476	26,395	28,416	30,438	33,356
17	364,420	336,698	27,722	90	23,006	25,792	27,722	29,652	32,438
18	349,830	323,015	26,814	89	22,385	25,002	26,814	28,627	31,244
19	332,674	325,954	6,720	87	2,416	4,959	6,720	8,482	11,025
20	327,523	329,017	-1,495	82	-2,952	-2,091	-1,495	-898	-38
21	324,115	325,590	-1,476	78	-2,917	-2,065	-1,476	-886	-34
22	304,717	306,171	-1,454	74	-2,866	-2,032	-1,454	-876	-41
23	272,608	273,965	-1,358	72	-2,716	-1,913	-1,358	-802	1
24	248,986	250,323	-1,337	70	-2,642	-1,871	-1,337	-803	-33
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	7,388,439	7,289,060	99,379	1,793	10th	30th	50th	70th	90th
					45,463	77,318	99,379	121,441	153,294

Average Impacts

Number of Accounts Enrolled: 1,669 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-10
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

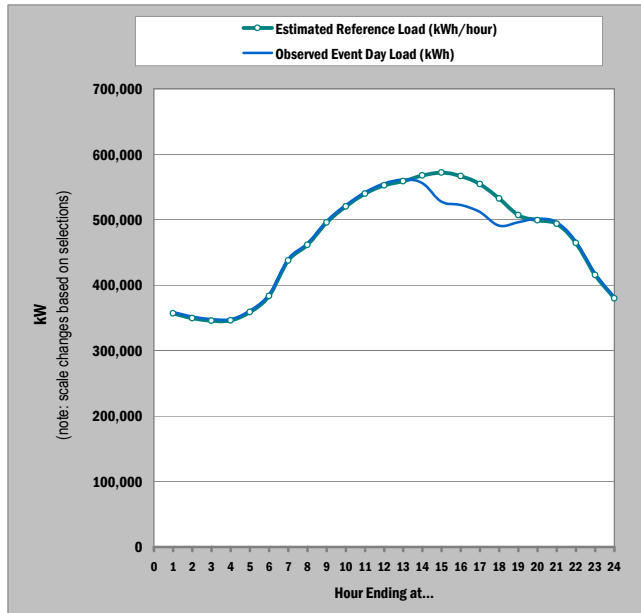


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	-1	67	-2	-1	-1	0	0
2	137	138	-1	66	-2	-1	-1	0	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	64	-2	-1	-1	-1	0
5	141	142	-1	64	-2	-1	-1	-1	0
6	151	151	-1	63	-2	-1	-1	-1	0
7	172	173	-1	63	-2	-1	-1	-1	0
8	181	182	-1	64	-2	-1	-1	-1	0
9	195	196	-1	67	-2	-1	-1	-1	0
10	205	206	-1	70	-2	-1	-1	-1	0
11	212	213	-1	74	-2	-1	-1	-1	0
12	218	218	-1	78	-2	-1	-1	-1	0
13	220	221	-1	82	-2	-1	-1	-1	0
14	224	219	5	86	2	3	5	6	8
15	225	208	17	89	14	16	17	18	20
16	223	206	17	90	14	16	17	18	20
17	218	202	17	90	14	15	17	18	19
18	210	194	16	89	13	15	16	17	19
19	199	195	4	87	1	3	4	5	7
20	196	197	-1	82	-2	-1	-1	-1	0
21	194	195	-1	78	-2	-1	-1	-1	0
22	183	183	-1	74	-2	-1	-1	-1	0
23	163	164	-1	72	-2	-1	-1	0	0
24	149	150	-1	70	-2	-1	-1	0	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,428	4,369	60	1,793	10th	30th	50th	70th	90th
					27	46	60	73	92

Aggregate Impacts

Number of Accounts Enrolled: 2,539 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-11
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

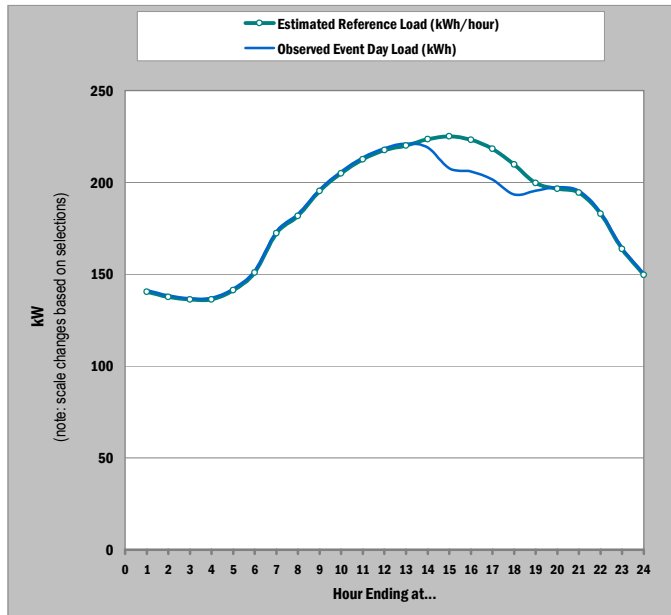


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	356,675	358,755	-2,080	66	-3,975	-2,855	-2,080	-1,305	-186
2	349,595	351,722	-2,127	66	-3,981	-2,886	-2,127	-1,368	-273
3	345,709	347,886	-2,177	65	-3,996	-2,921	-2,177	-1,432	-358
4	345,889	348,108	-2,220	65	-4,020	-2,956	-2,220	-1,483	-420
5	358,745	361,019	-2,274	64	-4,105	-3,023	-2,274	-1,525	-443
6	383,222	385,612	-2,390	64	-4,303	-3,173	-2,390	-1,607	-476
7	437,573	440,026	-2,453	63	-4,503	-3,292	-2,453	-1,614	-403
8	461,403	463,850	-2,447	66	-4,644	-3,346	-2,447	-1,548	-250
9	495,690	498,179	-2,489	69	-4,847	-3,454	-2,489	-1,524	-131
10	520,149	522,701	-2,552	72	-5,014	-3,559	-2,552	-1,544	-90
11	539,794	542,350	-2,555	76	-5,089	-3,592	-2,555	-1,519	-22
12	552,543	555,095	-2,552	79	-5,116	-3,601	-2,552	-1,503	12
13	558,637	561,249	-2,611	83	-5,160	-3,654	-2,611	-1,569	-63
14	567,607	555,953	11,654	86	4,015	8,528	11,654	14,780	19,293
15	571,713	527,476	44,236	87	36,540	41,087	44,236	47,386	51,933
16	566,560	522,763	43,797	88	36,314	40,735	43,797	46,859	51,280
17	554,429	511,678	42,751	88	35,607	39,828	42,751	45,675	49,896
18	532,379	490,996	41,383	86	34,672	38,637	41,383	44,130	48,095
19	506,712	496,391	10,321	83	3,814	7,658	10,321	12,983	16,827
20	498,998	501,369	-2,371	79	-4,576	-3,273	-2,371	-1,469	-167
21	493,877	496,218	-2,342	75	-4,524	-3,235	-2,342	-1,449	-160
22	464,384	466,693	-2,309	72	-4,446	-3,183	-2,309	-1,435	-173
23	415,605	417,774	-2,169	70	-4,221	-3,008	-2,169	-1,329	-116
24	379,782	381,922	-2,141	69	-4,111	-2,947	-2,141	-1,335	-171
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,257,670	11,105,785	151,885	1,782	10th	30th	50th	70th	90th
					70,333	118,516	151,885	185,255	233,436

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-11
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

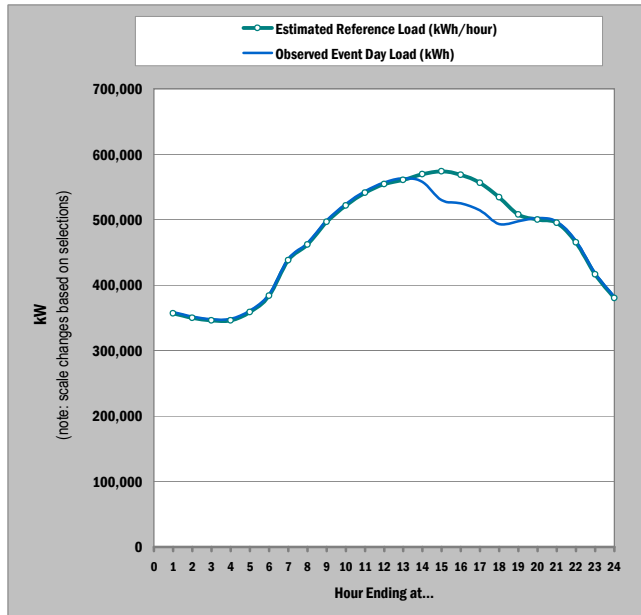


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	-1	66	-2	-1	-1	-1	0
2	138	139	-1	66	-2	-1	-1	-1	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	65	-2	-1	-1	-1	0
5	141	142	-1	64	-2	-1	-1	-1	0
6	151	152	-1	64	-2	-1	-1	-1	0
7	172	173	-1	63	-2	-1	-1	-1	0
8	182	183	-1	66	-2	-1	-1	-1	0
9	195	196	-1	69	-2	-1	-1	-1	0
10	205	206	-1	72	-2	-1	-1	-1	0
11	213	214	-1	76	-2	-1	-1	-1	0
12	218	219	-1	79	-2	-1	-1	-1	0
13	220	221	-1	83	-2	-1	-1	-1	0
14	224	219	5	86	2	3	5	6	8
15	225	208	17	87	14	16	17	19	20
16	223	206	17	88	14	16	17	18	20
17	218	202	17	88	14	16	17	18	20
18	210	193	16	86	14	15	16	17	19
19	200	196	4	83	2	3	4	5	7
20	197	197	-1	79	-2	-1	-1	-1	0
21	195	195	-1	75	-2	-1	-1	-1	0
22	183	184	-1	72	-2	-1	-1	-1	0
23	164	165	-1	70	-2	-1	-1	-1	0
24	150	150	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,434	4,374	60	1,782	10th	30th	50th	70th	90th
					28	47	60	73	92

Aggregate Impacts

Number of Accounts Enrolled: 2,541 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-11
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

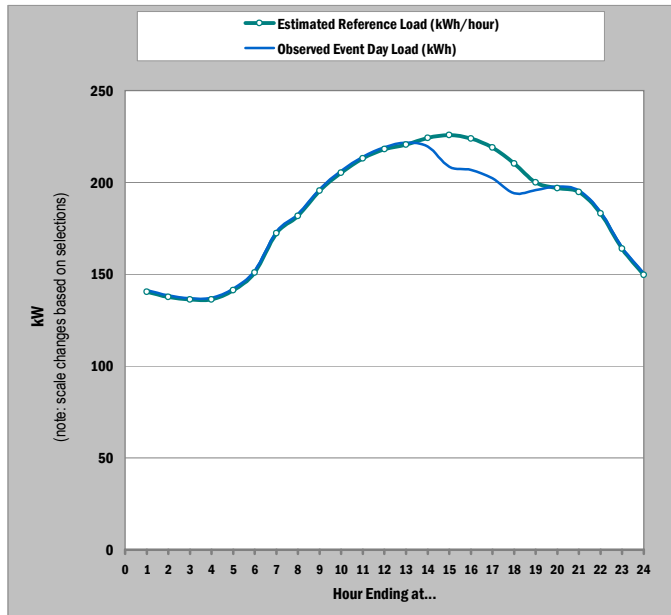


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	356,857	358,810	-1,954	67	-3,873	-2,739	-1,954	-1,169	-35
2	349,823	351,824	-2,001	66	-3,881	-2,770	-2,001	-1,232	-122
3	345,975	348,026	-2,051	65	-3,896	-2,806	-2,051	-1,296	-206
4	346,199	348,294	-2,095	64	-3,920	-2,842	-2,095	-1,347	-269
5	359,018	361,170	-2,152	64	-4,009	-2,912	-2,152	-1,392	-295
6	383,538	385,812	-2,274	63	-4,213	-3,067	-2,274	-1,481	-336
7	437,803	440,141	-2,338	63	-4,411	-3,186	-2,338	-1,490	-265
8	461,873	464,204	-2,330	64	-4,552	-3,240	-2,330	-1,421	-109
9	496,643	499,020	-2,377	67	-4,761	-3,352	-2,377	-1,401	7
10	521,484	523,924	-2,440	70	-4,929	-3,459	-2,440	-1,422	49
11	541,365	543,805	-2,440	74	-5,000	-3,488	-2,440	-1,392	121
12	554,264	556,699	-2,435	78	-5,026	-3,495	-2,435	-1,375	156
13	560,475	562,972	-2,497	82	-5,072	-3,551	-2,497	-1,443	78
14	569,641	557,976	11,665	86	3,937	8,503	11,665	14,827	19,393
15	573,879	529,992	43,887	89	36,118	40,708	43,887	47,066	51,656
16	568,684	525,240	43,444	90	35,890	40,353	43,444	46,535	50,998
17	556,431	514,049	42,383	90	35,172	39,432	42,383	45,334	49,594
18	534,151	493,157	40,994	89	34,222	38,223	40,994	43,766	47,767
19	508,022	497,708	10,314	87	3,731	7,620	10,314	13,008	16,897
20	500,213	502,467	-2,254	82	-4,481	-3,165	-2,254	-1,342	-26
21	495,039	497,263	-2,225	78	-4,429	-3,127	-2,225	-1,323	-21
22	465,436	467,628	-2,192	74	-4,352	-3,076	-2,192	-1,308	-32
23	416,437	418,482	-2,046	72	-4,123	-2,896	-2,046	-1,196	32
24	380,346	382,361	-2,015	70	-4,010	-2,831	-2,015	-1,199	-20
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,283,595	11,131,022	152,573	1,794	10th	30th	50th	70th	90th
					70,132	118,839	152,573	186,307	235,012

Average Impacts

Number of Accounts Enrolled: 2,541 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-11
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

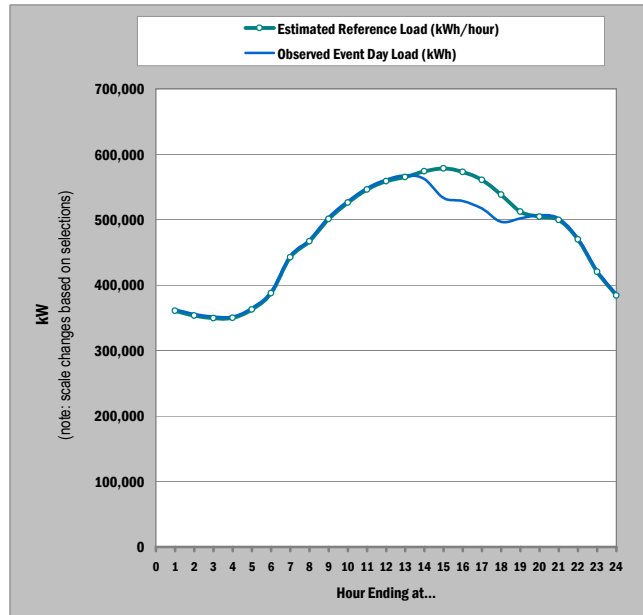


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	140	141	-1	67	-2	-1	-1	0	0
2	138	138	-1	66	-2	-1	-1	0	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	64	-2	-1	-1	-1	0
5	141	142	-1	64	-2	-1	-1	-1	0
6	151	152	-1	63	-2	-1	-1	-1	0
7	172	173	-1	63	-2	-1	-1	-1	0
8	182	183	-1	64	-2	-1	-1	-1	0
9	195	196	-1	67	-2	-1	-1	-1	0
10	205	206	-1	70	-2	-1	-1	-1	0
11	213	214	-1	74	-2	-1	-1	-1	0
12	218	219	-1	78	-2	-1	-1	-1	0
13	221	222	-1	82	-2	-1	-1	-1	0
14	224	220	5	86	2	3	5	6	8
15	226	209	17	89	14	16	17	19	20
16	224	207	17	90	14	16	17	18	20
17	219	202	17	90	14	16	17	18	20
18	210	194	16	89	13	15	16	17	19
19	200	196	4	87	1	3	4	5	7
20	197	198	-1	82	-2	-1	-1	-1	0
21	195	196	-1	78	-2	-1	-1	-1	0
22	183	184	-1	74	-2	-1	-1	-1	0
23	164	165	-1	72	-2	-1	-1	0	0
24	150	150	-1	70	-2	-1	-1	0	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,441	4,381	60	1,794	28	47	60	73	92

Aggregate Impacts

Number of Accounts Enrolled: 2,563 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-12
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

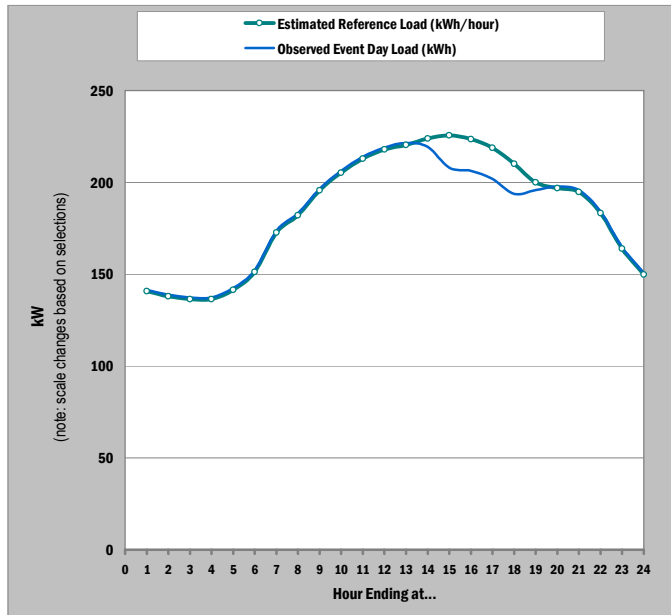


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	360,686	362,785	-2,099	66	-4,016	-2,883	-2,099	-1,315	-183
2	353,525	355,672	-2,147	66	-4,022	-2,914	-2,147	-1,379	-271
3	349,592	351,789	-2,197	65	-4,037	-2,950	-2,197	-1,444	-357
4	349,768	352,009	-2,241	65	-4,061	-2,985	-2,241	-1,496	-420
5	362,772	365,068	-2,296	65	-4,148	-3,053	-2,296	-1,538	-444
6	387,527	389,939	-2,412	64	-4,347	-3,204	-2,412	-1,620	-477
7	442,510	444,986	-2,476	63	-4,549	-3,324	-2,476	-1,627	-402
8	466,600	469,069	-2,469	66	-4,691	-3,378	-2,469	-1,560	-247
9	501,257	503,768	-2,511	69	-4,896	-3,487	-2,511	-1,535	-126
10	525,973	528,548	-2,574	72	-5,064	-3,593	-2,574	-1,555	-84
11	545,828	548,407	-2,578	76	-5,140	-3,627	-2,578	-1,530	-16
12	558,707	561,281	-2,574	79	-5,168	-3,636	-2,574	-1,513	19
13	564,856	567,491	-2,635	83	-5,213	-3,690	-2,635	-1,580	-58
14	573,924	562,124	11,800	86	4,072	8,638	11,800	14,962	19,527
15	578,077	533,324	44,753	87	36,968	41,568	44,753	47,939	52,538
16	572,865	528,557	44,308	88	36,739	41,211	44,308	47,406	51,878
17	560,598	517,347	43,251	88	36,025	40,294	43,251	46,208	50,477
18	538,305	496,438	41,867	86	35,079	39,090	41,867	44,645	48,655
19	512,375	501,925	10,450	83	3,868	7,756	10,450	13,143	17,032
20	504,583	506,976	-2,393	79	-4,622	-3,305	-2,393	-1,480	-163
21	499,419	501,782	-2,363	75	-4,570	-3,266	-2,363	-1,460	-157
22	469,606	471,936	-2,330	72	-4,491	-3,215	-2,330	-1,446	-169
23	420,287	422,476	-2,188	70	-4,264	-3,038	-2,188	-1,339	-112
24	384,050	386,210	-2,160	69	-4,153	-2,976	-2,160	-1,345	-168
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,383,690	11,229,905	153,785	1,783	10th	30th	50th	70th	90th
					71,298	120,033	153,785	187,538	236,270

Average Impacts

Number of Accounts Enrolled: 2,563 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-12
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

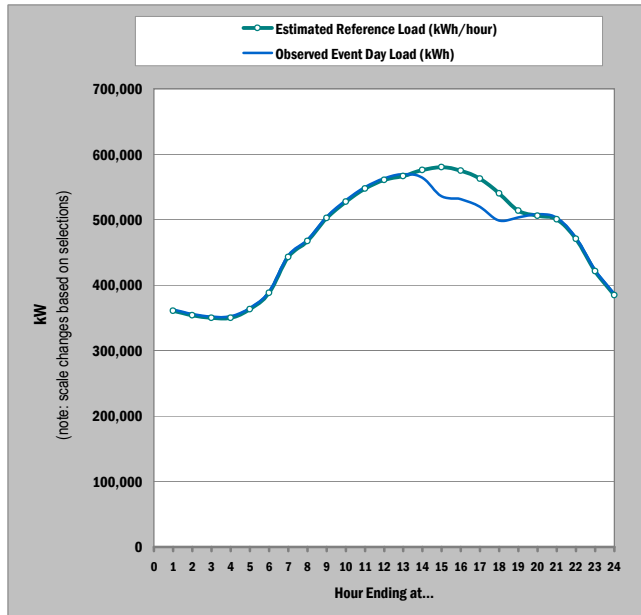


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	142	-1	66	-2	-1	-1	-1	0
2	138	139	-1	66	-2	-1	-1	-1	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	65	-2	-1	-1	-1	0
5	142	142	-1	65	-2	-1	-1	-1	0
6	151	152	-1	64	-2	-1	-1	-1	0
7	173	174	-1	63	-2	-1	-1	-1	0
8	182	183	-1	66	-2	-1	-1	-1	0
9	196	197	-1	69	-2	-1	-1	-1	0
10	205	206	-1	72	-2	-1	-1	-1	0
11	213	214	-1	76	-2	-1	-1	-1	0
12	218	219	-1	79	-2	-1	-1	-1	0
13	220	221	-1	83	-2	-1	-1	-1	0
14	224	219	5	86	2	3	5	6	8
15	226	208	17	87	14	16	17	19	20
16	224	206	17	88	14	16	17	18	20
17	219	202	17	88	14	16	17	18	20
18	210	194	16	86	14	15	16	17	19
19	200	196	4	83	2	3	4	5	7
20	197	198	-1	79	-2	-1	-1	-1	0
21	195	196	-1	75	-2	-1	-1	-1	0
22	183	184	-1	72	-2	-1	-1	-1	0
23	164	165	-1	70	-2	-1	-1	-1	0
24	150	151	-1	69	-2	-1	-1	-1	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,442	4,382	60	1,783	28	47	60	73	92

Aggregate Impacts

Number of Accounts Enrolled: 2,565 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-12
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

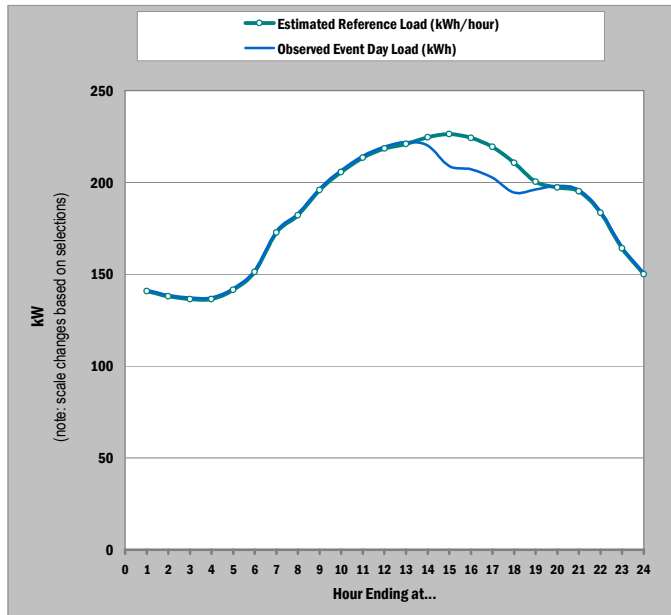


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	360,905	362,876	-1,972	67	-3,913	-2,766	-1,972	-1,177	-31
2	353,790	355,810	-2,020	66	-3,921	-2,798	-2,020	-1,242	-119
3	349,895	351,965	-2,070	65	-3,937	-2,834	-2,070	-1,307	-204
4	350,117	352,231	-2,114	64	-3,961	-2,870	-2,114	-1,358	-267
5	363,084	365,256	-2,172	64	-4,050	-2,941	-2,172	-1,404	-294
6	387,884	390,180	-2,295	63	-4,256	-3,098	-2,295	-1,493	-335
7	442,787	445,147	-2,360	63	-4,457	-3,218	-2,360	-1,502	-263
8	467,122	469,474	-2,352	64	-4,599	-3,271	-2,352	-1,432	-104
9	502,272	504,670	-2,398	67	-4,810	-3,385	-2,398	-1,411	14
10	527,376	529,838	-2,462	70	-4,980	-3,492	-2,462	-1,432	56
11	547,471	549,933	-2,462	74	-5,052	-3,522	-2,462	-1,402	128
12	560,502	562,959	-2,457	78	-5,078	-3,529	-2,457	-1,384	164
13	566,771	569,290	-2,520	82	-5,124	-3,585	-2,520	-1,454	85
14	576,038	564,227	11,812	86	3,994	8,613	11,812	15,011	19,630
15	580,325	535,922	44,403	89	36,544	41,187	44,403	47,619	52,263
16	575,070	531,115	43,955	90	36,314	40,828	43,955	47,082	51,597
17	562,679	519,797	42,881	90	35,587	39,897	42,881	45,866	50,176
18	540,151	498,675	41,476	89	34,626	38,673	41,476	44,280	48,327
19	513,750	503,307	10,444	87	3,784	7,719	10,444	13,169	17,103
20	505,862	508,136	-2,274	82	-4,528	-3,196	-2,274	-1,352	-21
21	500,643	502,889	-2,245	78	-4,475	-3,158	-2,245	-1,333	-16
22	470,717	472,929	-2,212	74	-4,397	-3,106	-2,212	-1,318	-27
23	421,170	423,234	-2,064	72	-4,166	-2,924	-2,064	-1,204	37
24	384,658	386,692	-2,033	70	-4,052	-2,859	-2,033	-1,208	-15
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,411,041	11,256,551	154,490	1,794	10th	30th	50th	70th	90th
					71,093	120,365	154,490	188,615	237,885

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-12
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

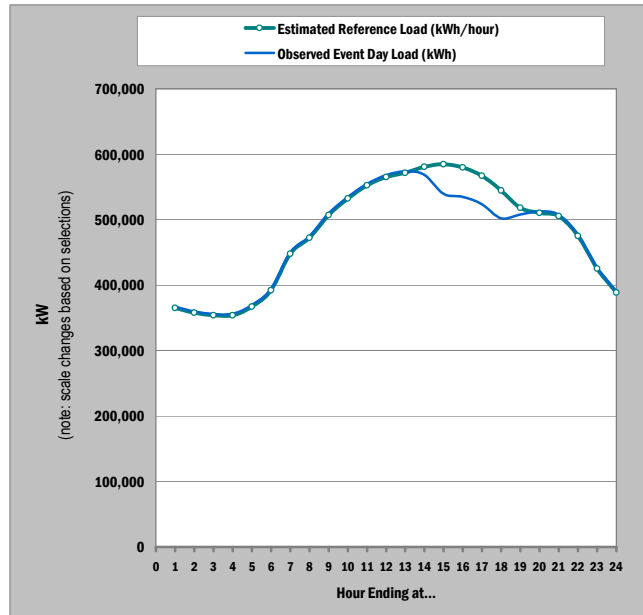


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	141	-1	67	-2	-1	-1	0	0
2	138	139	-1	66	-2	-1	-1	0	0
3	136	137	-1	65	-2	-1	-1	-1	0
4	136	137	-1	64	-2	-1	-1	-1	0
5	142	142	-1	64	-2	-1	-1	-1	0
6	151	152	-1	63	-2	-1	-1	-1	0
7	173	174	-1	63	-2	-1	-1	-1	0
8	182	183	-1	64	-2	-1	-1	-1	0
9	196	197	-1	67	-2	-1	-1	-1	0
10	206	207	-1	70	-2	-1	-1	-1	0
11	213	214	-1	74	-2	-1	-1	-1	0
12	219	219	-1	78	-2	-1	-1	-1	0
13	221	222	-1	82	-2	-1	-1	-1	0
14	225	220	5	86	2	3	5	6	8
15	226	209	17	89	14	16	17	19	20
16	224	207	17	90	14	16	17	18	20
17	219	203	17	90	14	16	17	18	20
18	211	194	16	89	13	15	16	17	19
19	200	196	4	87	1	3	4	5	7
20	197	198	-1	82	-2	-1	-1	-1	0
21	195	196	-1	78	-2	-1	-1	-1	0
22	184	184	-1	74	-2	-1	-1	-1	0
23	164	165	-1	72	-2	-1	-1	0	0
24	150	151	-1	70	-2	-1	-1	0	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,449	4,388	60	1,794	10th	30th	50th	70th	90th
					28	47	60	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,588 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-13
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

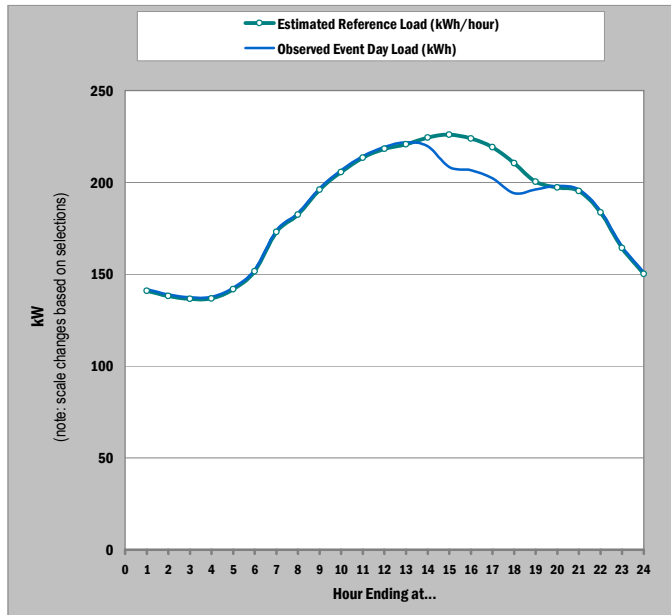


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	364,910	367,030	-2,119	66	-4,059	-2,913	-2,119	-1,326	-180	
2	357,665	359,832	-2,167	66	-4,065	-2,944	-2,167	-1,391	-270	
3	353,682	355,901	-2,218	65	-4,080	-2,980	-2,218	-1,457	-357	
4	353,855	356,118	-2,263	65	-4,105	-3,016	-2,263	-1,509	-421	
5	367,014	369,333	-2,318	65	-4,192	-3,085	-2,318	-1,551	-444	
6	392,062	394,498	-2,436	64	-4,394	-3,237	-2,436	-1,634	-477	
7	447,712	450,212	-2,500	63	-4,598	-3,358	-2,500	-1,641	-402	
8	472,076	474,568	-2,493	66	-4,741	-3,413	-2,493	-1,572	-244	
9	507,124	509,659	-2,535	69	-4,949	-3,523	-2,535	-1,547	-121	
10	532,111	534,709	-2,598	72	-5,118	-3,630	-2,598	-1,567	-79	
11	552,187	554,790	-2,602	76	-5,195	-3,663	-2,602	-1,542	-10	
12	565,202	567,800	-2,599	79	-5,223	-3,672	-2,599	-1,525	25	
13	571,408	574,068	-2,660	83	-5,268	-3,727	-2,660	-1,593	-52	
14	580,581	568,628	11,953	86	4,133	8,753	11,953	15,153	19,773	
15	584,783	539,485	45,298	87	37,420	42,075	45,298	48,522	53,176	
16	579,510	534,662	44,848	88	37,189	41,714	44,848	47,982	52,508	
17	567,098	523,321	43,778	88	36,465	40,786	43,778	46,770	51,090	
18	544,550	502,173	42,377	86	35,508	39,566	42,377	45,188	49,246	
19	518,342	507,756	10,586	83	3,925	7,860	10,586	13,311	17,247	
20	510,467	512,883	-2,416	79	-4,672	-3,339	-2,416	-1,493	-160	
21	505,257	507,643	-2,386	75	-4,619	-3,300	-2,386	-1,472	-153	
22	475,108	477,460	-2,353	72	-4,540	-3,248	-2,353	-1,458	-166	
23	425,220	427,429	-2,209	70	-4,310	-3,069	-2,209	-1,350	-108	
24	388,545	390,726	-2,181	69	-4,198	-3,006	-2,181	-1,356	-164	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	11,516,471	11,360,685	155,787	1,783	72,315	121,631	155,787	189,942	239,256	

Average Impacts

Number of Accounts Enrolled: 2,588 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-13
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

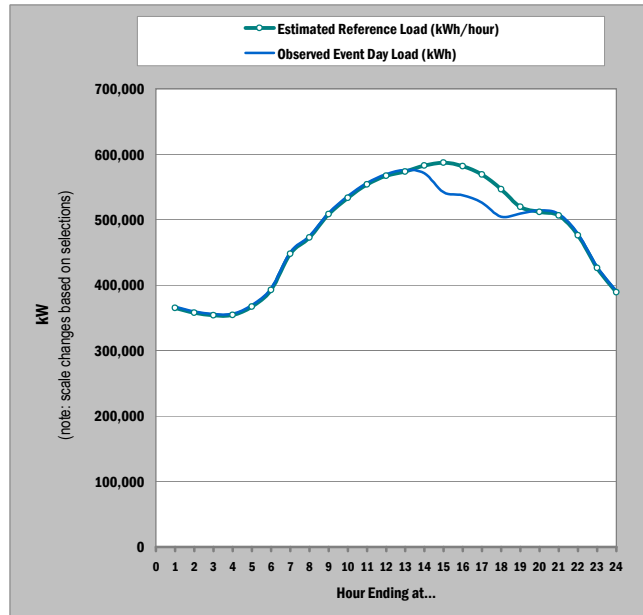


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	142	-1	66	-2	-1	-1	-1	0
2	138	139	-1	66	-2	-1	-1	-1	0
3	137	138	-1	65	-2	-1	-1	-1	0
4	137	138	-1	65	-2	-1	-1	-1	0
5	142	143	-1	65	-2	-1	-1	-1	0
6	151	152	-1	64	-2	-1	-1	-1	0
7	173	174	-1	63	-2	-1	-1	-1	0
8	182	183	-1	66	-2	-1	-1	-1	0
9	196	197	-1	69	-2	-1	-1	-1	0
10	206	207	-1	72	-2	-1	-1	-1	0
11	213	214	-1	76	-2	-1	-1	-1	0
12	218	219	-1	79	-2	-1	-1	-1	0
13	221	222	-1	83	-2	-1	-1	-1	0
14	224	220	5	86	2	3	5	6	8
15	226	208	18	87	14	16	18	19	21
16	224	207	17	88	14	16	17	19	20
17	219	202	17	88	14	16	17	18	20
18	210	194	16	86	14	15	16	17	19
19	200	196	4	83	2	3	4	5	7
20	197	198	-1	79	-2	-1	-1	-1	0
21	195	196	-1	75	-2	-1	-1	-1	0
22	184	184	-1	72	-2	-1	-1	-1	0
23	164	165	-1	70	-2	-1	-1	-1	0
24	150	151	-1	69	-2	-1	-1	-1	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,450	4,389	60	1,783	28	47	60	73	92

Aggregate Impacts

Number of Accounts Enrolled: 2,590 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-13
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

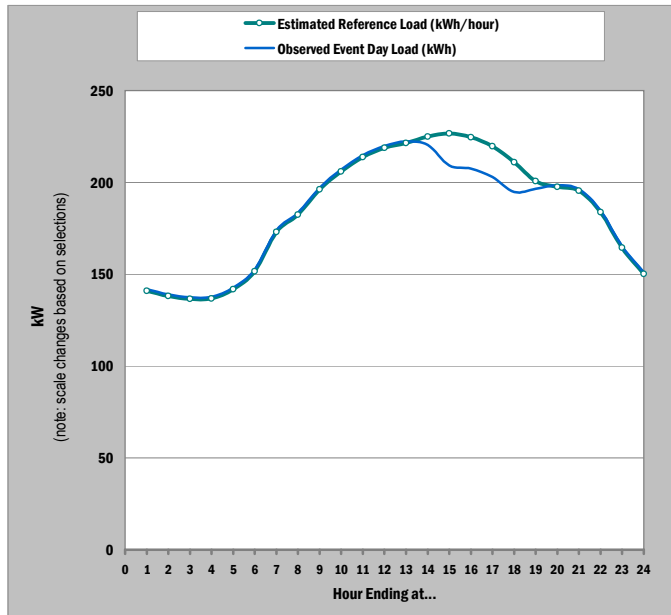


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	365,130	367,120	-1,991	67	-3,955	-2,794	-1,991	-1,187	-26
2	357,930	359,970	-2,039	66	-3,963	-2,826	-2,039	-1,252	-115
3	353,987	356,077	-2,090	65	-3,979	-2,863	-2,090	-1,318	-202
4	354,206	356,341	-2,135	64	-4,004	-2,900	-2,135	-1,370	-266
5	367,328	369,521	-2,193	64	-4,094	-2,971	-2,193	-1,416	-293
6	392,421	394,739	-2,318	63	-4,302	-3,130	-2,318	-1,506	-334
7	447,990	450,372	-2,383	63	-4,505	-3,251	-2,383	-1,514	-261
8	472,602	474,976	-2,374	64	-4,648	-3,305	-2,374	-1,443	-100
9	508,149	510,569	-2,420	67	-4,861	-3,419	-2,420	-1,422	20
10	533,528	536,013	-2,485	70	-5,033	-3,527	-2,485	-1,442	63
11	553,847	556,331	-2,485	74	-5,106	-3,557	-2,485	-1,412	136
12	567,015	569,495	-2,480	78	-5,132	-3,565	-2,480	-1,394	172
13	573,343	575,886	-2,543	82	-5,179	-3,622	-2,543	-1,465	92
14	582,717	570,753	11,964	86	4,053	8,727	11,964	15,202	19,876
15	587,055	542,113	44,942	89	36,989	41,688	44,942	48,197	52,896
16	581,739	537,250	44,489	90	36,756	41,325	44,489	47,653	52,222
17	569,202	525,799	43,402	90	36,020	40,382	43,402	46,423	50,784
18	546,416	504,435	41,980	89	35,048	39,144	41,980	44,817	48,913
19	519,732	509,152	10,579	87	3,840	7,821	10,579	13,337	17,319
20	511,759	514,055	-2,296	82	-4,576	-3,229	-2,296	-1,363	-16
21	506,493	508,760	-2,267	78	-4,523	-3,190	-2,267	-1,344	-10
22	476,228	478,461	-2,233	74	-4,444	-3,138	-2,233	-1,328	-22
23	426,110	428,194	-2,084	72	-4,210	-2,954	-2,084	-1,214	43
24	389,159	391,212	-2,053	70	-4,095	-2,889	-2,053	-1,217	-11
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	11,544,083	11,387,593	156,490	1,794	72,095	121,957	156,490	191,023	240,882

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-13
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

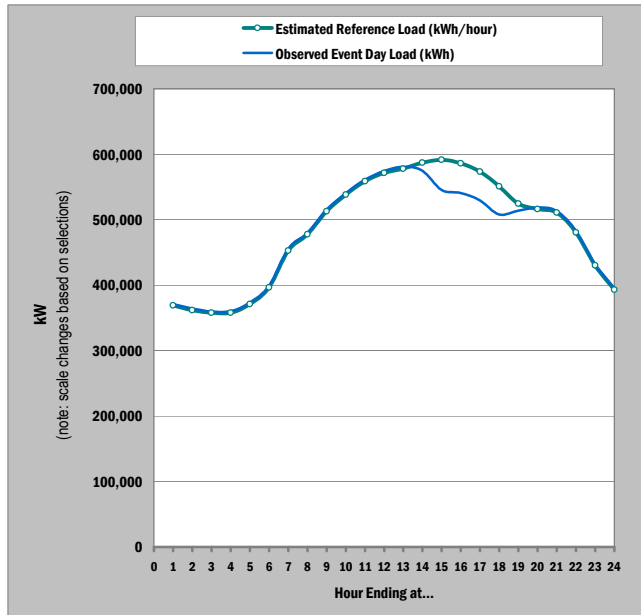


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	142	-1	67	-2	-1	-1	0	0
2	138	139	-1	66	-2	-1	-1	0	0
3	137	137	-1	65	-2	-1	-1	-1	0
4	137	138	-1	64	-2	-1	-1	-1	0
5	142	143	-1	64	-2	-1	-1	-1	0
6	151	152	-1	63	-2	-1	-1	-1	0
7	173	174	-1	63	-2	-1	-1	-1	0
8	182	183	-1	64	-2	-1	-1	-1	0
9	196	197	-1	67	-2	-1	-1	-1	0
10	206	207	-1	70	-2	-1	-1	-1	0
11	214	215	-1	74	-2	-1	-1	-1	0
12	219	220	-1	78	-2	-1	-1	-1	0
13	221	222	-1	82	-2	-1	-1	-1	0
14	225	220	5	86	2	3	5	6	8
15	227	209	17	89	14	16	17	19	20
16	225	207	17	90	14	16	17	18	20
17	220	203	17	90	14	16	17	18	20
18	211	195	16	89	14	15	16	17	19
19	201	197	4	87	1	3	4	5	7
20	198	198	-1	82	-2	-1	-1	-1	0
21	196	196	-1	78	-2	-1	-1	-1	0
22	184	185	-1	74	-2	-1	-1	-1	0
23	165	165	-1	72	-2	-1	-1	0	0
24	150	151	-1	70	-2	-1	-1	0	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,457	4,396	60	1,794	10th	30th	50th	70th	90th
					28	47	60	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,613 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-14
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

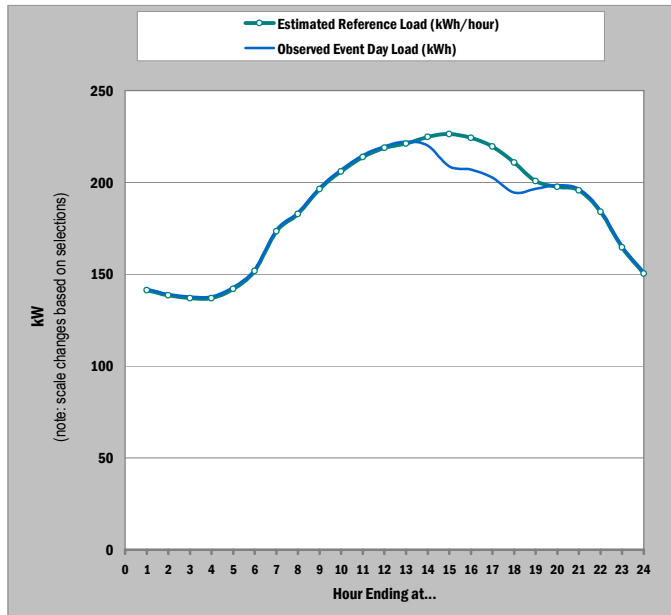


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	369,113	371,253	-2,139	66	-4,102	-2,942	-2,139	-1,337	-177	
2	361,784	363,972	-2,188	66	-4,108	-2,974	-2,188	-1,403	-268	
3	357,752	359,992	-2,240	65	-4,124	-3,011	-2,240	-1,469	-356	
4	357,922	360,206	-2,285	65	-4,148	-3,047	-2,285	-1,522	-421	
5	371,235	373,576	-2,341	65	-4,237	-3,117	-2,341	-1,565	-445	
6	396,575	399,034	-2,459	64	-4,441	-3,270	-2,459	-1,649	-478	
7	452,888	455,412	-2,524	63	-4,646	-3,392	-2,524	-1,655	-401	
8	477,525	480,041	-2,516	66	-4,791	-3,447	-2,516	-1,585	-241	
9	512,963	515,522	-2,559	69	-5,001	-3,558	-2,559	-1,559	-117	
10	538,219	540,842	-2,623	72	-5,172	-3,666	-2,623	-1,580	-73	
11	558,515	561,142	-2,626	76	-5,250	-3,700	-2,626	-1,553	-4	
12	571,665	574,288	-2,623	79	-5,278	-3,709	-2,623	-1,537	32	
13	577,929	580,614	-2,685	83	-5,324	-3,765	-2,685	-1,605	-47	
14	587,205	575,100	12,105	86	4,193	8,868	12,105	15,343	20,017	
15	591,457	545,616	45,841	87	37,870	42,579	45,841	49,102	53,811	
16	586,122	540,737	45,385	88	37,636	42,214	45,385	48,556	53,135	
17	573,568	529,265	44,302	88	36,904	41,275	44,302	47,330	51,701	
18	550,766	507,881	42,885	86	35,936	40,041	42,885	45,729	49,834	
19	524,281	513,560	10,721	83	3,982	7,964	10,721	13,479	17,461	
20	516,322	518,761	-2,439	79	-4,721	-3,373	-2,439	-1,505	-156	
21	511,067	513,476	-2,409	75	-4,668	-3,333	-2,409	-1,485	-150	
22	480,582	482,957	-2,375	72	-4,588	-3,280	-2,375	-1,470	-163	
23	430,127	432,357	-2,230	70	-4,355	-3,100	-2,230	-1,360	-105	
24	393,017	395,219	-2,202	69	-4,242	-3,037	-2,202	-1,367	-161	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	11,648,600	11,490,822	157,777	1,783	73,327	123,221	157,777	192,333	242,226	

Average Impacts

Number of Accounts Enrolled: 2,613 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-14
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

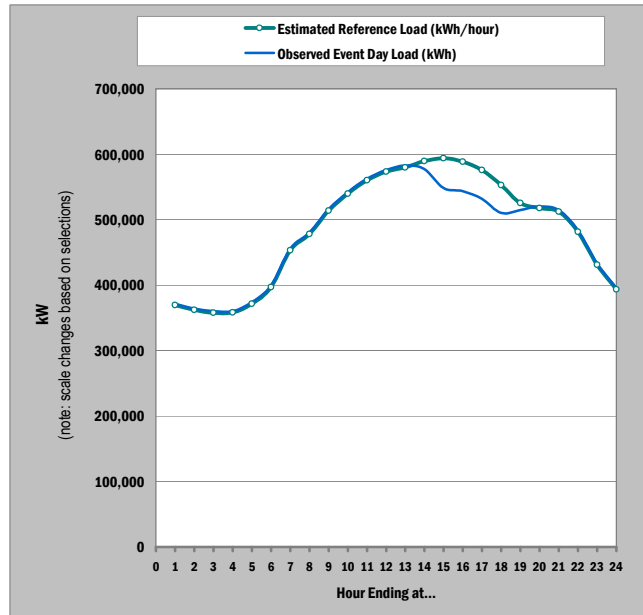


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	142	-1	66	-2	-1	-1	-1	0
2	138	139	-1	66	-2	-1	-1	-1	0
3	137	138	-1	65	-2	-1	-1	-1	0
4	137	138	-1	65	-2	-1	-1	-1	0
5	142	143	-1	65	-2	-1	-1	-1	0
6	152	153	-1	64	-2	-1	-1	-1	0
7	173	174	-1	63	-2	-1	-1	-1	0
8	183	184	-1	66	-2	-1	-1	-1	0
9	196	197	-1	69	-2	-1	-1	-1	0
10	206	207	-1	72	-2	-1	-1	-1	0
11	214	215	-1	76	-2	-1	-1	-1	0
12	219	220	-1	79	-2	-1	-1	-1	0
13	221	222	-1	83	-2	-1	-1	-1	0
14	225	220	5	86	2	3	5	6	8
15	226	209	18	87	14	16	18	19	21
16	224	207	17	88	14	16	17	19	20
17	219	203	17	88	14	16	17	18	20
18	211	194	16	86	14	15	16	17	19
19	201	197	4	83	2	3	4	5	7
20	198	199	-1	79	-2	-1	-1	-1	0
21	196	196	-1	75	-2	-1	-1	-1	0
22	184	185	-1	72	-2	-1	-1	-1	0
23	165	165	-1	70	-2	-1	-1	-1	0
24	150	151	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,457	4,397	60	1,783	10th	30th	50th	70th	90th
					28	47	60	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,615 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-14
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

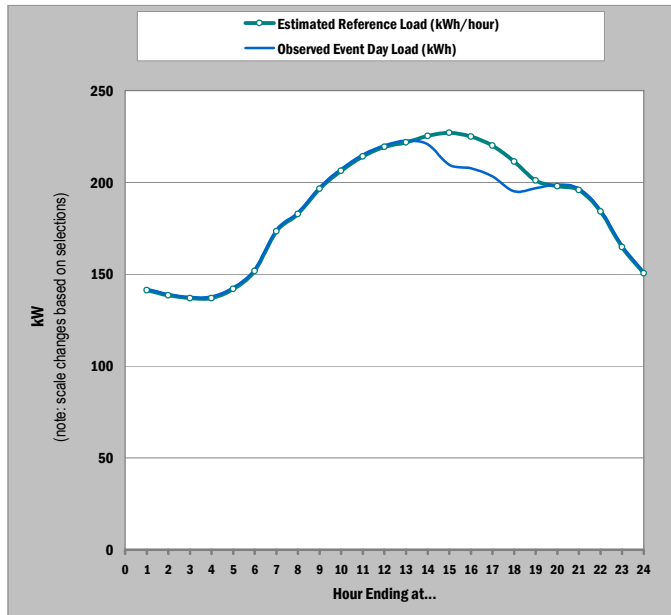


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	369,326	371,336	-2,009	67	-3,997	-2,823	-2,009	-1,196	-22
2	362,043	364,102	-2,059	66	-4,005	-2,855	-2,059	-1,262	-112
3	358,051	360,161	-2,110	65	-4,021	-2,892	-2,110	-1,329	-200
4	358,267	360,423	-2,156	64	-4,046	-2,929	-2,156	-1,382	-265
5	371,543	373,758	-2,215	64	-4,137	-3,001	-2,215	-1,428	-292
6	396,928	399,268	-2,340	63	-4,348	-3,162	-2,340	-1,519	-333
7	453,159	455,564	-2,405	63	-4,552	-3,284	-2,405	-1,527	-259
8	478,047	480,443	-2,396	64	-4,697	-3,338	-2,396	-1,455	-95
9	513,988	516,430	-2,443	67	-4,912	-3,453	-2,443	-1,432	26
10	539,640	542,148	-2,508	70	-5,086	-3,563	-2,508	-1,453	70
11	560,181	562,688	-2,507	74	-5,159	-3,592	-2,507	-1,422	144
12	573,486	575,988	-2,502	78	-5,186	-3,600	-2,502	-1,405	181
13	579,872	582,439	-2,567	82	-5,233	-3,658	-2,567	-1,476	99
14	589,352	577,236	12,116	86	4,111	8,840	12,116	15,392	20,121
15	593,742	548,263	45,478	89	37,431	42,186	45,478	48,771	53,526
16	588,364	543,344	45,020	90	37,196	41,818	45,020	48,221	52,844
17	575,683	531,762	43,920	90	36,452	40,864	43,920	46,976	51,389
18	552,640	510,159	42,481	89	35,467	39,611	42,481	45,351	49,495
19	525,674	514,960	10,714	87	3,895	7,924	10,714	13,504	17,533
20	517,616	519,934	-2,318	83	-4,624	-3,262	-2,318	-1,374	-11
21	512,305	514,593	-2,288	78	-4,571	-3,222	-2,288	-1,354	-6
22	481,703	483,958	-2,254	74	-4,491	-3,169	-2,254	-1,339	-17
23	431,018	433,121	-2,103	72	-4,255	-2,984	-2,103	-1,223	48
24	393,629	395,701	-2,072	70	-4,139	-2,918	-2,072	-1,227	-6
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,676,257	11,517,780	158,477	1,795	10th	30th	50th	70th	90th
					73,091	123,538	158,477	193,415	243,860

Average Impacts

Number of Accounts Enrolled: 2,615 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-14
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

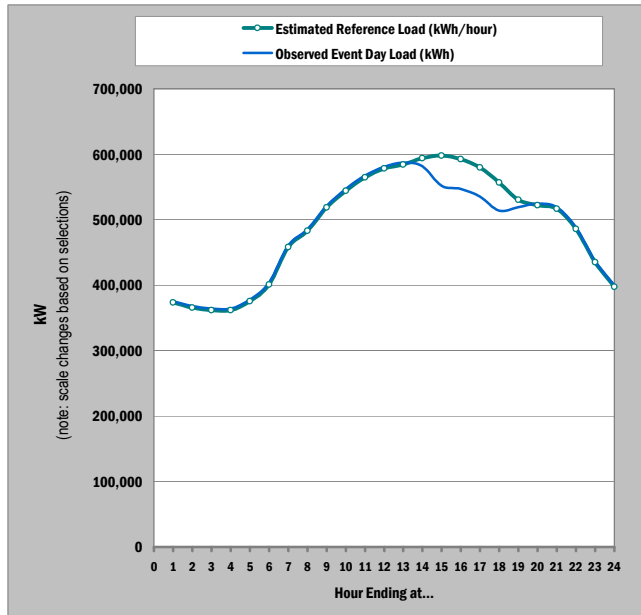


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	142	-1	67	-2	-1	-1	0	0
2	138	139	-1	66	-2	-1	-1	0	0
3	137	138	-1	65	-2	-1	-1	-1	0
4	137	138	-1	64	-2	-1	-1	-1	0
5	142	143	-1	64	-2	-1	-1	-1	0
6	152	153	-1	63	-2	-1	-1	-1	0
7	173	174	-1	63	-2	-1	-1	-1	0
8	183	184	-1	64	-2	-1	-1	-1	0
9	197	197	-1	67	-2	-1	-1	-1	0
10	206	207	-1	70	-2	-1	-1	-1	0
11	214	215	-1	74	-2	-1	-1	-1	0
12	219	220	-1	78	-2	-1	-1	-1	0
13	222	223	-1	82	-2	-1	-1	-1	0
14	225	221	5	86	2	3	5	6	8
15	227	210	17	89	14	16	17	19	20
16	225	208	17	90	14	16	17	18	20
17	220	203	17	90	14	16	17	18	20
18	211	195	16	89	14	15	16	17	19
19	201	197	4	87	1	3	4	5	7
20	198	199	-1	83	-2	-1	-1	-1	0
21	196	197	-1	78	-2	-1	-1	-1	0
22	184	185	-1	74	-2	-1	-1	-1	0
23	165	166	-1	72	-2	-1	-1	0	0
24	151	151	-1	70	-2	-1	-1	0	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,464	4,404	61	1,795	28	47	61	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,638 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-15
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

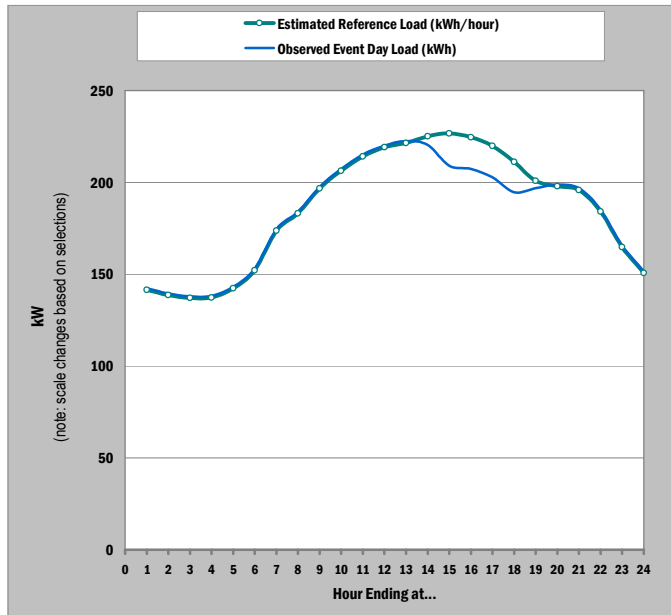


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	373,276	375,436	-2,159	66	-4,144	-2,972	-2,159	-1,347	-175
2	365,863	368,072	-2,209	66	-4,151	-3,004	-2,209	-1,414	-267
3	361,783	364,044	-2,261	65	-4,167	-3,041	-2,261	-1,482	-356
4	361,949	364,256	-2,307	65	-4,191	-3,078	-2,307	-1,535	-422
5	375,415	377,779	-2,363	65	-4,281	-3,148	-2,363	-1,579	-446
6	401,044	403,527	-2,483	64	-4,487	-3,303	-2,483	-1,663	-479
7	458,016	460,563	-2,548	63	-4,695	-3,426	-2,548	-1,669	-401
8	482,923	485,462	-2,540	66	-4,841	-3,481	-2,540	-1,598	-238
9	518,747	521,329	-2,582	69	-5,052	-3,593	-2,582	-1,572	-112
10	544,270	546,917	-2,647	72	-5,225	-3,702	-2,647	-1,592	-68
11	564,784	567,434	-2,650	76	-5,304	-3,736	-2,650	-1,565	2
12	578,068	580,714	-2,647	79	-5,332	-3,746	-2,647	-1,548	38
13	584,387	587,097	-2,710	83	-5,378	-3,802	-2,710	-1,618	-41
14	593,767	581,511	12,256	86	4,253	8,981	12,256	15,531	20,260
15	598,068	551,690	46,378	87	38,316	43,079	46,378	49,677	54,441
16	592,673	546,755	45,918	88	38,079	42,710	45,918	49,125	53,756
17	579,976	535,154	44,822	88	37,339	41,760	44,822	47,884	52,306
18	556,922	513,534	43,388	86	36,359	40,512	43,388	46,265	50,417
19	530,164	519,309	10,855	83	4,038	8,066	10,855	13,645	17,672
20	522,122	524,583	-2,461	79	-4,770	-3,406	-2,461	-1,517	-153
21	516,821	519,253	-2,431	75	-4,716	-3,366	-2,431	-1,497	-147
22	486,003	488,401	-2,397	72	-4,635	-3,313	-2,397	-1,482	-160
23	434,988	437,238	-2,251	70	-4,401	-3,130	-2,251	-1,371	-101
24	397,446	399,669	-2,222	69	-4,286	-3,067	-2,222	-1,378	-159
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
	11,779,476	11,619,727	159,749	1,783	74,328	124,796	159,749	194,701	245,167

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-15
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

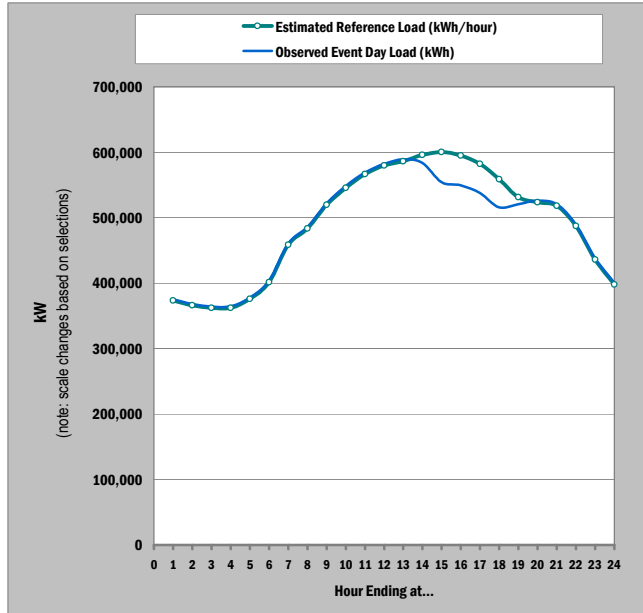


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	142	-1	66	-2	-1	-1	-1	0
2	139	140	-1	66	-2	-1	-1	-1	0
3	137	138	-1	65	-2	-1	-1	-1	0
4	137	138	-1	65	-2	-1	-1	-1	0
5	142	143	-1	65	-2	-1	-1	-1	0
6	152	153	-1	64	-2	-1	-1	-1	0
7	174	175	-1	63	-2	-1	-1	-1	0
8	183	184	-1	66	-2	-1	-1	-1	0
9	197	198	-1	69	-2	-1	-1	-1	0
10	206	207	-1	72	-2	-1	-1	-1	0
11	214	215	-1	76	-2	-1	-1	-1	0
12	219	220	-1	79	-2	-1	-1	-1	0
13	222	223	-1	83	-2	-1	-1	-1	0
14	225	220	5	86	2	3	5	6	8
15	227	209	18	87	15	16	18	19	21
16	225	207	17	88	14	16	17	19	20
17	220	203	17	88	14	16	17	18	20
18	211	195	16	86	14	15	16	18	19
19	201	197	4	83	2	3	4	5	7
20	198	199	-1	79	-2	-1	-1	-1	0
21	196	197	-1	75	-2	-1	-1	-1	0
22	184	185	-1	72	-2	-1	-1	-1	0
23	165	166	-1	70	-2	-1	-1	-1	0
24	151	151	-1	69	-2	-1	-1	-1	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,465	4,404	61	1,783	28	47	61	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,640 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-15
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

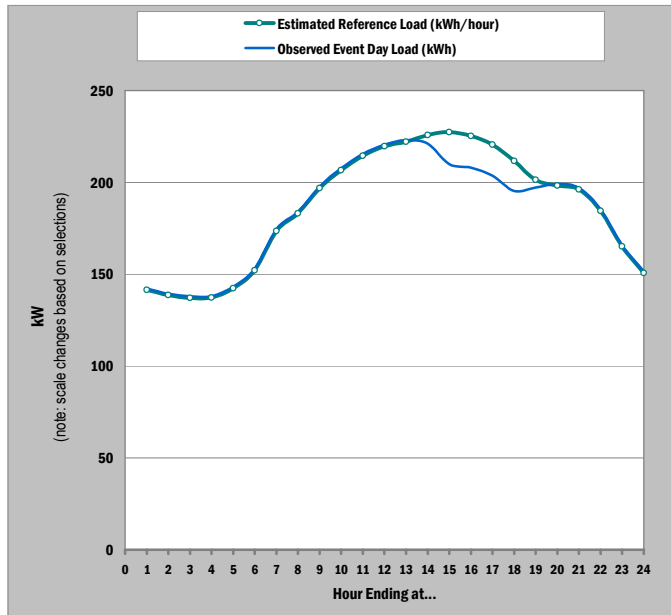


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	373,485	375,513	-2,028	67	-4,039	-2,851	-2,028	-1,205	-17
2	366,119	368,197	-2,078	66	-4,047	-2,884	-2,078	-1,272	-109
3	362,078	364,209	-2,130	65	-4,063	-2,921	-2,130	-1,340	-198
4	362,292	364,469	-2,176	64	-4,089	-2,959	-2,176	-1,394	-264
5	375,721	377,957	-2,236	64	-4,181	-3,032	-2,236	-1,440	-291
6	401,395	403,757	-2,363	63	-4,393	-3,193	-2,363	-1,532	-333
7	458,282	460,710	-2,428	63	-4,600	-3,317	-2,428	-1,539	-257
8	483,443	485,861	-2,418	64	-4,746	-3,371	-2,418	-1,466	-91
9	519,775	522,240	-2,465	67	-4,963	-3,487	-2,465	-1,443	33
10	545,698	548,228	-2,530	70	-5,138	-3,597	-2,530	-1,463	77
11	566,459	568,989	-2,530	74	-5,212	-3,628	-2,530	-1,433	152
12	579,899	582,424	-2,525	78	-5,239	-3,636	-2,525	-1,415	189
13	586,343	588,933	-2,590	82	-5,287	-3,694	-2,590	-1,487	106
14	595,929	583,662	12,267	86	4,169	8,953	12,267	15,580	20,364
15	600,369	554,359	46,010	89	37,870	42,679	46,010	49,341	54,150
16	594,931	549,385	45,546	90	37,632	42,308	45,546	48,784	53,460
17	582,106	537,673	44,434	90	36,879	41,342	44,434	47,525	51,988
18	558,809	515,832	42,978	89	35,884	40,075	42,978	45,881	50,072
19	531,564	520,717	10,847	87	3,949	8,025	10,847	13,670	17,745
20	523,421	525,760	-2,339	83	-4,672	-3,294	-2,339	-1,385	-6
21	518,064	520,374	-2,310	78	-4,619	-3,254	-2,310	-1,365	-1
22	487,129	489,404	-2,275	74	-4,538	-3,201	-2,275	-1,350	-13
23	435,880	438,003	-2,123	72	-4,299	-3,013	-2,123	-1,232	54
24	398,058	400,149	-2,091	70	-4,182	-2,947	-2,091	-1,236	-1
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,807,249	11,646,804	160,445	1,795	10th	30th	50th	70th	90th
					74,078	125,105	160,445	195,785	246,809

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-15
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

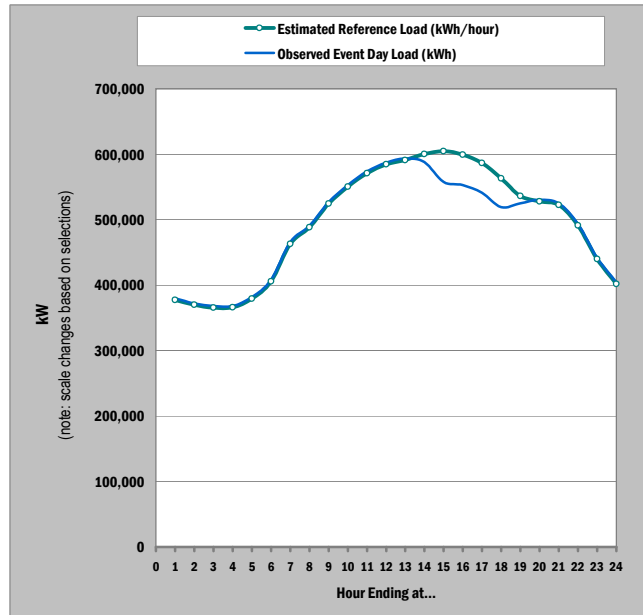


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	141	142	-1	67	-2	-1	-1	0	0
2	139	139	-1	66	-2	-1	-1	0	0
3	137	138	-1	65	-2	-1	-1	-1	0
4	137	138	-1	64	-2	-1	-1	-1	0
5	142	143	-1	64	-2	-1	-1	-1	0
6	152	153	-1	63	-2	-1	-1	-1	0
7	174	174	-1	63	-2	-1	-1	-1	0
8	183	184	-1	64	-2	-1	-1	-1	0
9	197	198	-1	67	-2	-1	-1	-1	0
10	207	208	-1	70	-2	-1	-1	-1	0
11	215	216	-1	74	-2	-1	-1	-1	0
12	220	221	-1	78	-2	-1	-1	-1	0
13	222	223	-1	82	-2	-1	-1	-1	0
14	226	221	5	86	2	3	5	6	8
15	227	210	17	89	14	16	17	19	21
16	225	208	17	90	14	16	17	18	20
17	220	204	17	90	14	16	17	18	20
18	212	195	16	89	14	15	16	17	19
19	201	197	4	87	1	3	4	5	7
20	198	199	-1	83	-2	-1	-1	-1	0
21	196	197	-1	78	-2	-1	-1	-1	0
22	184	185	-1	74	-2	-1	-1	-1	0
23	165	166	-1	72	-2	-1	-1	0	0
24	151	152	-1	70	-2	-1	-1	0	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,472	4,411	61	1,795	10th	30th	50th	70th	90th
					28	47	61	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,663 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-16
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

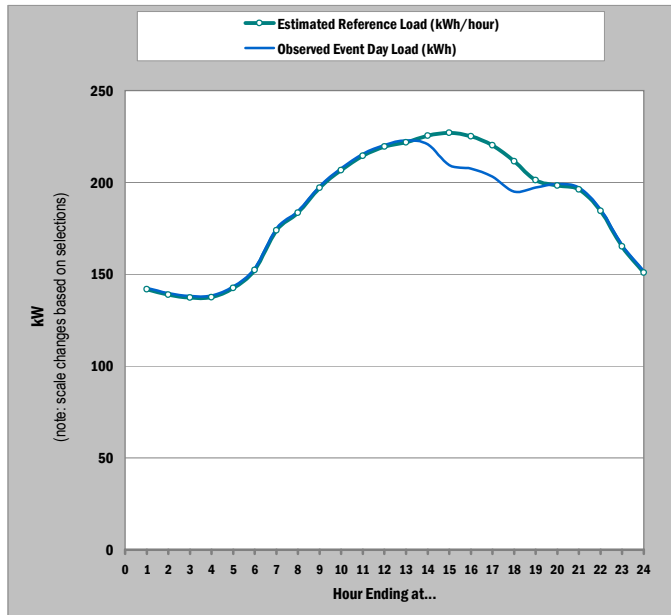


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	377,416	379,596	-2,179	66	-4,187	-3,001	-2,179	-1,358	-172	
2	369,920	372,150	-2,230	66	-4,194	-3,033	-2,230	-1,426	-266	
3	365,792	368,074	-2,283	65	-4,209	-3,071	-2,283	-1,494	-356	
4	365,955	368,283	-2,329	65	-4,234	-3,108	-2,329	-1,549	-423	
5	379,573	381,959	-2,386	65	-4,325	-3,179	-2,386	-1,593	-447	
6	405,490	407,997	-2,507	64	-4,533	-3,336	-2,507	-1,677	-480	
7	463,116	465,688	-2,572	63	-4,743	-3,460	-2,572	-1,683	-401	
8	488,292	490,855	-2,563	66	-4,890	-3,515	-2,563	-1,611	-236	
9	524,501	527,106	-2,606	69	-5,103	-3,628	-2,606	-1,584	-108	
10	550,289	552,960	-2,671	72	-5,278	-3,738	-2,671	-1,604	-63	
11	571,020	573,694	-2,674	76	-5,358	-3,772	-2,674	-1,577	8	
12	584,436	587,107	-2,671	79	-5,386	-3,782	-2,671	-1,560	44	
13	590,812	593,546	-2,735	83	-5,433	-3,839	-2,735	-1,630	-36	
14	600,294	587,887	12,406	86	4,312	9,094	12,406	15,718	20,501	
15	604,644	557,731	46,913	87	38,760	43,577	46,913	50,250	55,067	
16	599,189	552,742	46,447	88	38,520	43,204	46,447	49,691	54,375	
17	586,351	541,012	45,339	88	37,772	42,243	45,339	48,436	52,907	
18	563,047	519,158	43,889	86	36,781	40,981	43,889	46,798	50,997	
19	536,016	525,028	10,989	83	4,095	8,168	10,989	13,810	17,883	
20	527,890	530,374	-2,484	79	-4,819	-3,440	-2,484	-1,529	-150	
21	522,544	524,998	-2,454	75	-4,765	-3,399	-2,454	-1,509	-144	
22	491,396	493,816	-2,420	72	-4,683	-3,346	-2,420	-1,494	-157	
23	439,822	442,093	-2,271	70	-4,446	-3,161	-2,271	-1,382	-97	
24	401,851	404,094	-2,243	69	-4,330	-3,097	-2,243	-1,389	-156	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	11,909,658	11,747,948	161,709	1,783	75,325	126,362	161,709	197,056	248,092	

Average Impacts

Number of Accounts Enrolled: 2,663 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-16
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

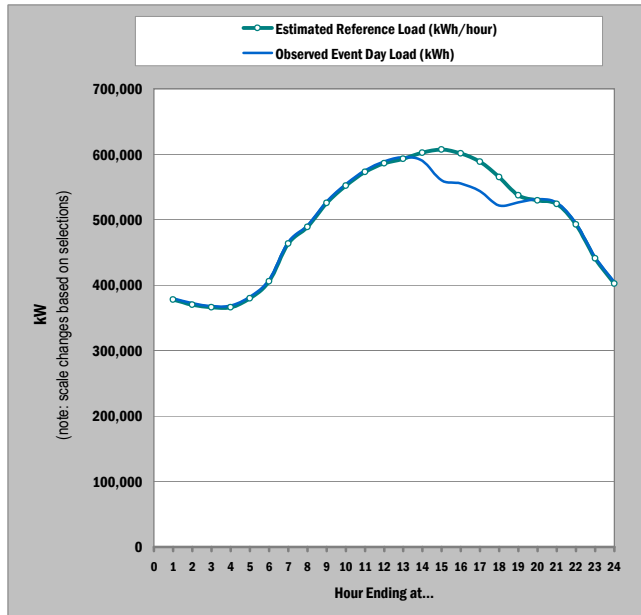


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	143	-1	66	-2	-1	-1	-1	0
2	139	140	-1	66	-2	-1	-1	-1	0
3	137	138	-1	65	-2	-1	-1	-1	0
4	137	138	-1	65	-2	-1	-1	-1	0
5	143	143	-1	65	-2	-1	-1	-1	0
6	152	153	-1	64	-2	-1	-1	-1	0
7	174	175	-1	63	-2	-1	-1	-1	0
8	183	184	-1	66	-2	-1	-1	-1	0
9	197	198	-1	69	-2	-1	-1	-1	0
10	207	208	-1	72	-2	-1	-1	-1	0
11	214	215	-1	76	-2	-1	-1	-1	0
12	219	220	-1	79	-2	-1	-1	-1	0
13	222	223	-1	83	-2	-1	-1	-1	0
14	225	221	5	86	2	3	5	6	8
15	227	209	18	87	15	16	18	19	21
16	225	208	17	88	14	16	17	19	20
17	220	203	17	88	14	16	17	18	20
18	211	195	16	86	14	15	16	18	19
19	201	197	4	83	2	3	4	5	7
20	198	199	-1	79	-2	-1	-1	-1	0
21	196	197	-1	75	-2	-1	-1	-1	0
22	185	185	-1	72	-2	-1	-1	-1	0
23	165	166	-1	70	-2	-1	-1	-1	0
24	151	152	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,472	4,412	61	1,783	10th	30th	50th	70th	90th
					28	47	61	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,665 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-16
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

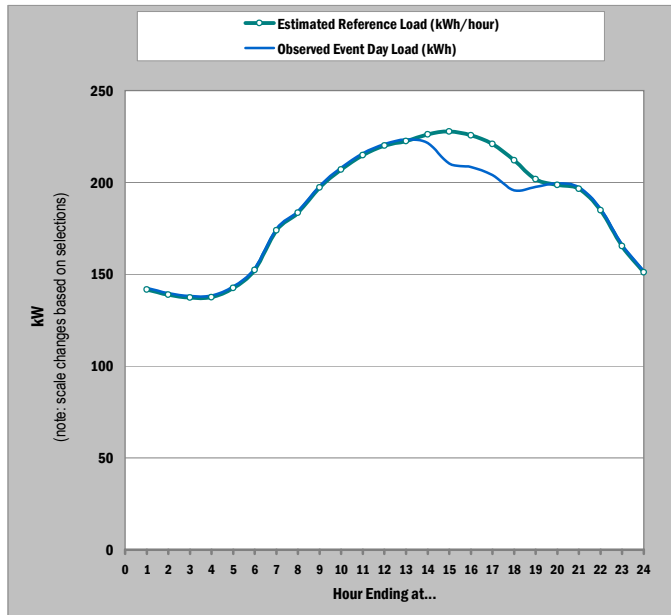


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	377,622	379,669	-2,047	67	-4,080	-2,879	-2,047	-1,215	-13
2	370,174	372,271	-2,097	66	-4,088	-2,912	-2,097	-1,282	-106
3	366,085	368,236	-2,150	65	-4,105	-2,950	-2,150	-1,351	-196
4	366,297	368,493	-2,197	64	-4,131	-2,988	-2,197	-1,405	-263
5	379,876	382,133	-2,257	64	-4,224	-3,062	-2,257	-1,452	-291
6	405,838	408,223	-2,385	63	-4,438	-3,225	-2,385	-1,545	-332
7	463,379	465,829	-2,451	63	-4,647	-3,349	-2,451	-1,552	-255
8	488,812	491,252	-2,440	64	-4,794	-3,404	-2,440	-1,477	-87
9	525,533	528,020	-2,487	67	-5,013	-3,521	-2,487	-1,454	39
10	551,726	554,279	-2,553	70	-5,190	-3,632	-2,553	-1,474	84
11	572,705	575,258	-2,553	74	-5,265	-3,663	-2,553	-1,443	160
12	586,280	588,828	-2,548	78	-5,293	-3,671	-2,548	-1,425	196
13	592,781	595,395	-2,614	82	-5,341	-3,730	-2,614	-1,498	113
14	602,472	590,055	12,416	86	4,226	9,065	12,416	15,767	20,606
15	606,963	560,424	46,539	89	38,307	43,171	46,539	49,908	54,771
16	601,465	555,395	46,069	90	38,066	42,795	46,069	49,345	54,073
17	588,498	543,553	44,945	90	37,305	41,819	44,945	48,071	52,585
18	564,948	521,476	43,472	89	36,298	40,537	43,472	46,408	50,647
19	537,424	526,444	10,980	87	4,004	8,125	10,980	13,835	17,956
20	529,196	531,557	-2,361	83	-4,720	-3,326	-2,361	-1,395	-2
21	523,794	526,125	-2,331	78	-4,666	-3,286	-2,331	-1,376	4
22	492,527	494,823	-2,296	74	-4,584	-3,232	-2,296	-1,360	-8
23	440,718	442,860	-2,142	72	-4,343	-3,043	-2,142	-1,241	59
24	402,464	404,574	-2,111	70	-4,224	-2,976	-2,111	-1,246	3
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	11,937,577	11,775,174	162,403	1,795	10th	30th	50th	70th	90th
					75,059	126,663	162,403	198,142	249,743

Average Impacts

Number of Accounts Enrolled: 2,665 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-16
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

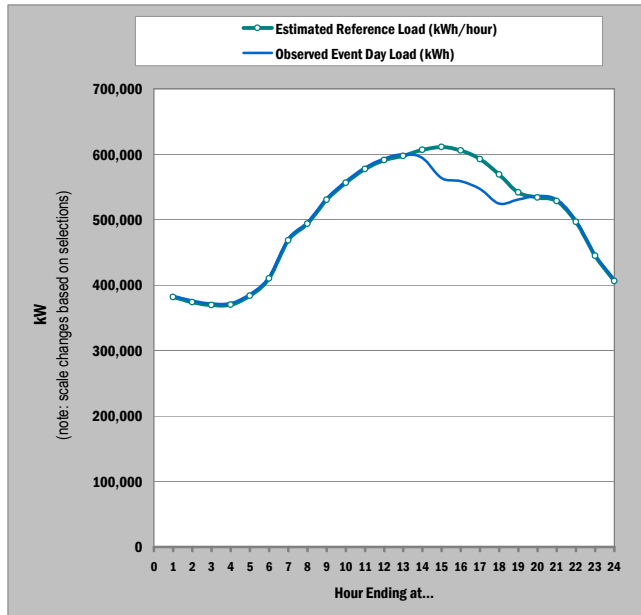


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	142	-1	67	-2	-1	-1	0	0
2	139	140	-1	66	-2	-1	-1	0	0
3	137	138	-1	65	-2	-1	-1	-1	0
4	137	138	-1	64	-2	-1	-1	-1	0
5	143	143	-1	64	-2	-1	-1	-1	0
6	152	153	-1	63	-2	-1	-1	-1	0
7	174	175	-1	63	-2	-1	-1	-1	0
8	183	184	-1	64	-2	-1	-1	-1	0
9	197	198	-1	67	-2	-1	-1	-1	0
10	207	208	-1	70	-2	-1	-1	-1	0
11	215	216	-1	74	-2	-1	-1	-1	0
12	220	221	-1	78	-2	-1	-1	-1	0
13	222	223	-1	82	-2	-1	-1	-1	0
14	226	221	5	86	2	3	5	6	8
15	228	210	17	89	14	16	17	19	21
16	226	208	17	90	14	16	17	19	20
17	221	204	17	90	14	16	17	18	20
18	212	196	16	89	14	15	16	17	19
19	202	198	4	87	2	3	4	5	7
20	199	199	-1	83	-2	-1	-1	-1	0
21	197	197	-1	78	-2	-1	-1	-1	0
22	185	186	-1	74	-2	-1	-1	-1	0
23	165	166	-1	72	-2	-1	-1	0	0
24	151	152	-1	70	-2	-1	-1	0	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,479	4,418	61	1,795	28	48	61	74	94

Aggregate Impacts

Number of Accounts Enrolled: 2,688 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-17
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

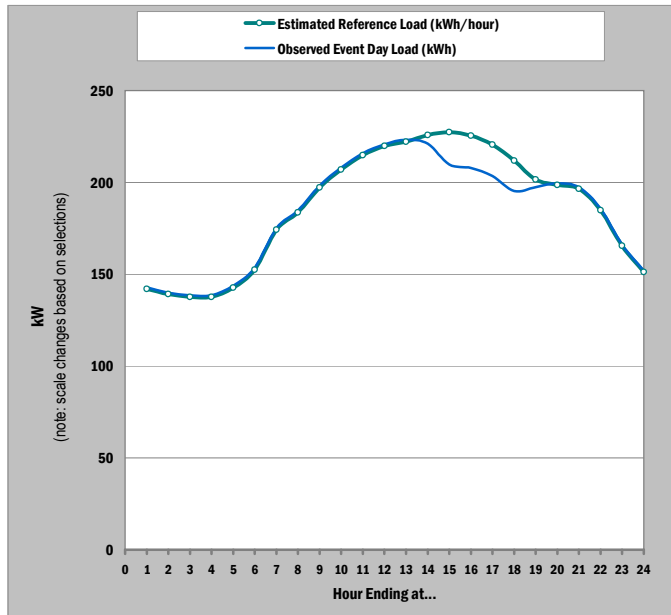


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	381,534	383,733	-2,199	66	-4,229	-3,030	-2,199	-1,369	-170
2	373,956	376,206	-2,250	66	-4,236	-3,063	-2,250	-1,438	-264
3	369,779	372,083	-2,304	65	-4,252	-3,101	-2,304	-1,507	-356
4	369,939	372,289	-2,350	65	-4,277	-3,139	-2,350	-1,562	-424
5	383,709	386,117	-2,408	65	-4,369	-3,211	-2,408	-1,606	-448
6	409,912	412,442	-2,530	64	-4,579	-3,368	-2,530	-1,692	-481
7	468,190	470,785	-2,595	63	-4,790	-3,494	-2,595	-1,697	-401
8	493,634	496,220	-2,586	66	-4,939	-3,549	-2,586	-1,623	-233
9	530,225	532,854	-2,629	69	-5,155	-3,662	-2,629	-1,596	-104
10	556,277	558,972	-2,694	72	-5,331	-3,773	-2,694	-1,616	-58
11	577,223	579,922	-2,698	76	-5,411	-3,808	-2,698	-1,588	14
12	590,772	593,467	-2,695	79	-5,440	-3,818	-2,695	-1,571	51
13	597,203	599,962	-2,759	83	-5,488	-3,876	-2,759	-1,643	-31
14	606,787	594,231	12,556	86	4,371	9,206	12,556	15,905	20,740
15	611,187	563,741	47,446	87	39,202	44,073	47,446	50,820	55,690
16	605,672	558,698	46,975	88	38,959	43,695	46,975	50,255	54,990
17	592,694	546,839	45,854	88	38,202	42,723	45,854	48,986	53,506
18	569,140	524,753	44,388	86	37,201	41,447	44,388	47,328	51,574
19	541,838	530,717	11,122	83	4,150	8,269	11,122	13,974	18,093
20	533,628	536,135	-2,507	79	-4,867	-3,473	-2,507	-1,541	-147
21	528,238	530,714	-2,477	75	-4,813	-3,432	-2,477	-1,521	-141
22	496,760	499,202	-2,442	72	-4,730	-3,378	-2,442	-1,506	-154
23	444,630	446,922	-2,292	70	-4,491	-3,192	-2,292	-1,393	-94
24	406,232	408,496	-2,263	69	-4,374	-3,127	-2,263	-1,400	-153
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	12,039,160	11,875,501	163,659	1,783	10th	30th	50th	70th	90th
					76,315	127,919	163,659	199,399	251,000

Average Impacts

Number of Accounts Enrolled: 2,688 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-17
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

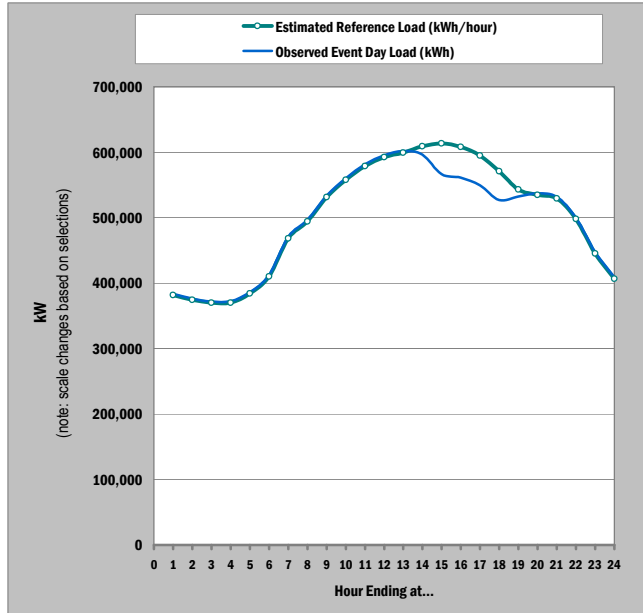


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	143	-1	66	-2	-1	-1	-1	0
2	139	140	-1	66	-2	-1	-1	-1	0
3	138	138	-1	65	-2	-1	-1	-1	0
4	138	139	-1	65	-2	-1	-1	-1	0
5	143	144	-1	65	-2	-1	-1	-1	0
6	153	153	-1	64	-2	-1	-1	-1	0
7	174	175	-1	63	-2	-1	-1	-1	0
8	184	185	-1	66	-2	-1	-1	-1	0
9	197	198	-1	69	-2	-1	-1	-1	0
10	207	208	-1	72	-2	-1	-1	-1	0
11	215	216	-1	76	-2	-1	-1	-1	0
12	220	221	-1	79	-2	-1	-1	-1	0
13	222	223	-1	83	-2	-1	-1	-1	0
14	226	221	5	86	2	3	5	6	8
15	227	210	18	87	15	16	18	19	21
16	225	208	17	88	14	16	17	19	20
17	221	203	17	88	14	16	17	18	20
18	212	195	17	86	14	15	17	18	19
19	202	197	4	83	2	3	4	5	7
20	199	199	-1	79	-2	-1	-1	-1	0
21	197	197	-1	75	-2	-1	-1	-1	0
22	185	186	-1	72	-2	-1	-1	-1	0
23	165	166	-1	70	-2	-1	-1	-1	0
24	151	152	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,479	4,419	61	1,783	10th	30th	50th	70th	90th
					28	48	61	74	93

Aggregate Impacts

Number of Accounts Enrolled: 2,690 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-17
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

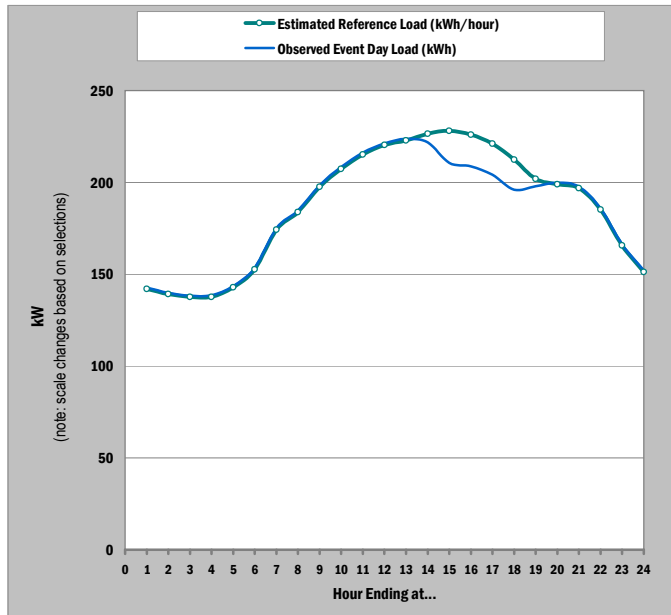


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	381,736	383,802	-2,065	67	-4,121	-2,907	-2,065	-1,224	-9
2	374,207	376,323	-2,116	66	-4,130	-2,940	-2,116	-1,293	-103
3	370,070	372,241	-2,170	65	-4,147	-2,979	-2,170	-1,362	-194
4	370,279	372,496	-2,217	64	-4,173	-3,017	-2,217	-1,417	-262
5	384,010	386,288	-2,278	64	-4,266	-3,092	-2,278	-1,465	-290
6	410,258	412,665	-2,407	63	-4,483	-3,256	-2,407	-1,558	-331
7	468,449	470,922	-2,473	63	-4,693	-3,382	-2,473	-1,565	-253
8	494,152	496,615	-2,462	64	-4,843	-3,436	-2,462	-1,489	-82
9	531,261	533,770	-2,509	67	-5,063	-3,554	-2,509	-1,464	44
10	557,722	560,297	-2,576	70	-5,242	-3,667	-2,576	-1,485	90
11	578,919	581,494	-2,575	74	-5,318	-3,698	-2,575	-1,453	167
12	592,627	595,198	-2,571	78	-5,346	-3,706	-2,571	-1,435	204
13	599,184	601,822	-2,637	82	-5,394	-3,766	-2,637	-1,509	119
14	608,980	596,415	12,565	86	4,284	9,176	12,565	15,954	20,846
15	613,521	566,456	47,065	89	38,742	43,659	47,065	50,471	55,389
16	607,964	561,374	46,591	90	38,498	43,279	46,591	49,902	54,683
17	594,855	549,402	45,453	90	37,728	42,292	45,453	48,614	53,178
18	571,054	527,090	43,964	89	36,710	40,996	43,964	46,933	51,218
19	543,254	532,142	11,112	87	4,058	8,225	11,112	13,999	18,166
20	534,941	537,323	-2,382	83	-4,768	-3,358	-2,382	-1,406	3
21	529,493	531,845	-2,352	78	-4,713	-3,318	-2,352	-1,386	8
22	497,896	500,213	-2,317	74	-4,630	-3,264	-2,317	-1,371	-4
23	445,529	447,690	-2,161	72	-4,387	-3,072	-2,161	-1,251	64
24	406,845	408,975	-2,130	70	-4,267	-3,004	-2,130	-1,255	8
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	12,067,207	11,902,857	164,350	1,795	10th	30th	50th	70th	90th
					76,035	128,213	164,350	200,486	252,661

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-17
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

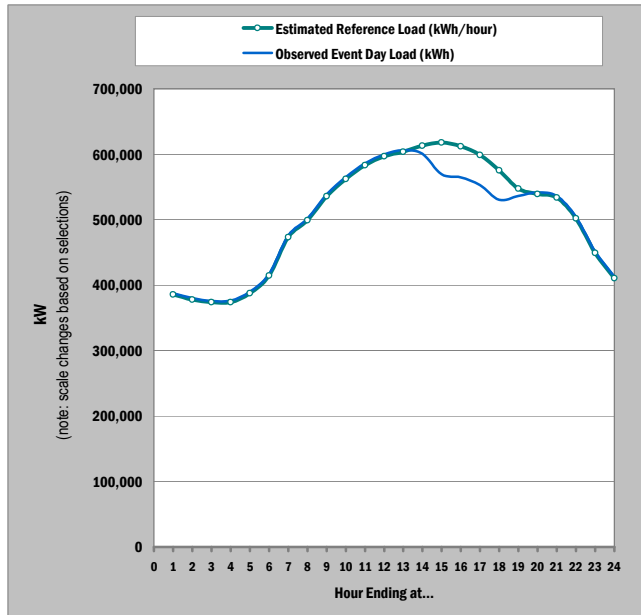


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	143	-1	67	-2	-1	-1	0	0
2	139	140	-1	66	-2	-1	-1	0	0
3	138	138	-1	65	-2	-1	-1	-1	0
4	138	138	-1	64	-2	-1	-1	-1	0
5	143	144	-1	64	-2	-1	-1	-1	0
6	153	153	-1	63	-2	-1	-1	-1	0
7	174	175	-1	63	-2	-1	-1	-1	0
8	184	185	-1	64	-2	-1	-1	-1	0
9	198	198	-1	67	-2	-1	-1	-1	0
10	207	208	-1	70	-2	-1	-1	-1	0
11	215	216	-1	74	-2	-1	-1	-1	0
12	220	221	-1	78	-2	-1	-1	-1	0
13	223	224	-1	82	-2	-1	-1	-1	0
14	226	222	5	86	2	3	5	6	8
15	228	211	17	89	14	16	17	19	21
16	226	209	17	90	14	16	17	19	20
17	221	204	17	90	14	16	17	18	20
18	212	196	16	89	14	15	16	17	19
19	202	198	4	87	2	3	4	5	7
20	199	200	-1	83	-2	-1	-1	-1	0
21	197	198	-1	78	-2	-1	-1	-1	0
22	185	186	-1	74	-2	-1	-1	-1	0
23	166	166	-1	72	-2	-1	-1	0	0
24	151	152	-1	70	-2	-1	-1	0	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,486	4,425	61	1,795	28	48	61	75	94

Aggregate Impacts

Number of Accounts Enrolled: 2,712 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-18
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

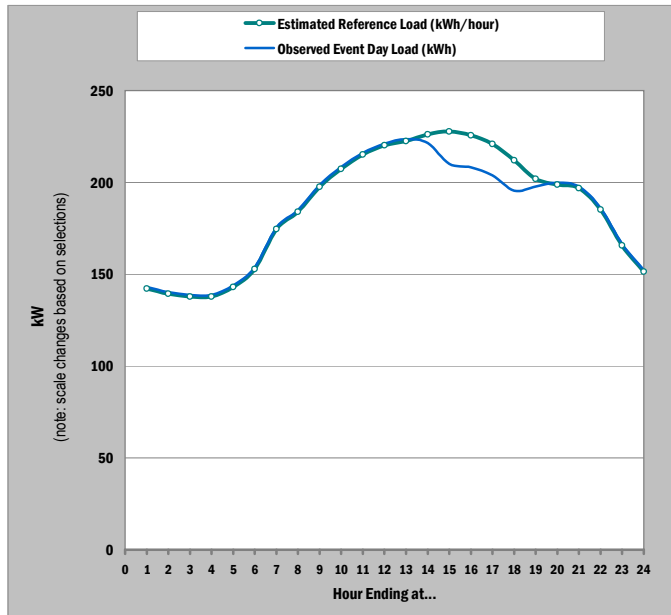


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	385,619	387,838	-2,219	66	-4,271	-3,059	-2,219	-1,380	-168	
2	377,959	380,230	-2,271	66	-4,278	-3,092	-2,271	-1,449	-263	
3	373,735	376,060	-2,325	65	-4,294	-3,131	-2,325	-1,519	-356	
4	373,891	376,263	-2,372	65	-4,320	-3,169	-2,372	-1,575	-424	
5	387,811	390,242	-2,431	65	-4,412	-3,241	-2,431	-1,620	-449	
6	414,299	416,852	-2,553	64	-4,624	-3,401	-2,553	-1,706	-483	
7	473,223	475,842	-2,619	63	-4,838	-3,527	-2,619	-1,711	-400	
8	498,933	501,542	-2,609	66	-4,988	-3,583	-2,609	-1,636	-231	
9	535,903	538,555	-2,652	69	-5,205	-3,697	-2,652	-1,608	-99	
10	562,218	564,936	-2,718	72	-5,384	-3,809	-2,718	-1,628	-53	
11	583,377	586,099	-2,722	76	-5,464	-3,844	-2,722	-1,600	20	
12	597,058	599,776	-2,719	79	-5,494	-3,854	-2,719	-1,583	57	
13	603,542	606,326	-2,784	83	-5,542	-3,912	-2,784	-1,655	-26	
14	613,228	600,524	12,704	86	4,429	9,318	12,704	16,089	20,978	
15	617,677	569,703	47,974	87	39,640	44,564	47,974	51,385	56,309	
16	612,104	564,606	47,498	88	39,395	44,182	47,498	50,814	55,601	
17	598,986	552,620	46,365	88	38,630	43,200	46,365	49,530	54,100	
18	575,185	530,303	44,882	86	37,617	41,909	44,882	47,855	52,147	
19	547,614	536,361	11,253	83	4,206	8,369	11,253	14,137	18,301	
20	539,320	541,850	-2,530	79	-4,916	-3,506	-2,530	-1,554	-144	
21	533,885	536,384	-2,499	75	-4,860	-3,465	-2,499	-1,533	-138	
22	502,081	504,545	-2,464	72	-4,777	-3,410	-2,464	-1,518	-151	
23	449,399	451,712	-2,313	70	-4,535	-3,222	-2,313	-1,403	-90	
24	410,578	412,862	-2,284	69	-4,417	-3,157	-2,284	-1,411	-151	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	12,167,623	12,002,031	165,593	1,783	77,298	129,464	165,593	201,721	253,885	

Average Impacts

Number of Accounts Enrolled: 2,712 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-18
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

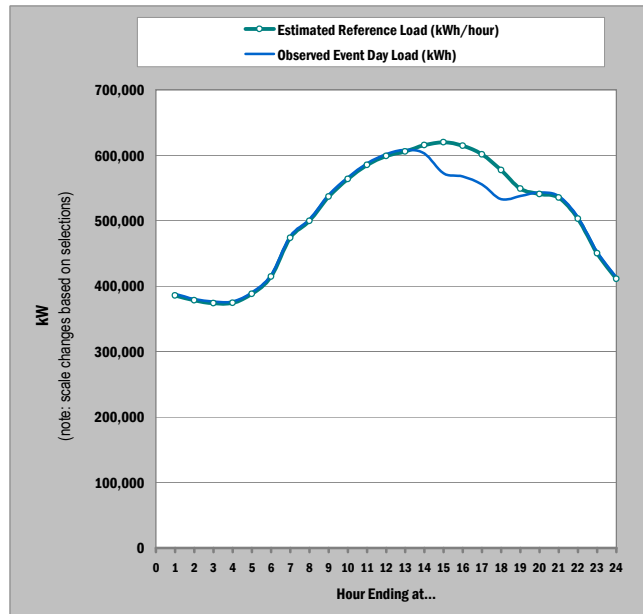


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	143	-1	66	-2	-1	-1	-1	0
2	139	140	-1	66	-2	-1	-1	-1	0
3	138	139	-1	65	-2	-1	-1	-1	0
4	138	139	-1	65	-2	-1	-1	-1	0
5	143	144	-1	65	-2	-1	-1	-1	0
6	153	154	-1	64	-2	-1	-1	-1	0
7	174	175	-1	63	-2	-1	-1	-1	0
8	184	185	-1	66	-2	-1	-1	-1	0
9	198	199	-1	69	-2	-1	-1	-1	0
10	207	208	-1	72	-2	-1	-1	-1	0
11	215	216	-1	76	-2	-1	-1	-1	0
12	220	221	-1	79	-2	-1	-1	-1	0
13	223	224	-1	83	-2	-1	-1	-1	0
14	226	221	5	86	2	3	5	6	8
15	228	210	18	87	15	16	18	19	21
16	226	208	18	88	15	16	18	19	21
17	221	204	17	88	14	16	17	18	20
18	212	196	17	86	14	15	17	18	19
19	202	198	4	83	2	3	4	5	7
20	199	200	-1	79	-2	-1	-1	-1	0
21	197	198	-1	75	-2	-1	-1	-1	0
22	185	186	-1	72	-2	-1	-1	-1	0
23	166	167	-1	70	-2	-1	-1	-1	0
24	151	152	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,486	4,425	61	1,783	10th	30th	50th	70th	90th
					29	48	61	74	94

Aggregate Impacts

Number of Accounts Enrolled: 2,714 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-18
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

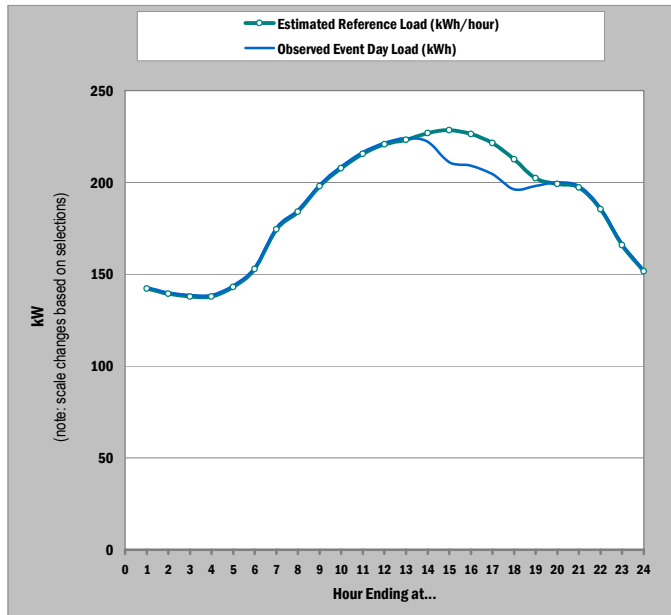


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	385,816	387,900	-2,084	67	-4,162	-2,934	-2,084	-1,233	-5	
2	378,206	380,341	-2,135	66	-4,171	-2,968	-2,135	-1,303	-100	
3	374,022	376,212	-2,190	65	-4,188	-3,007	-2,190	-1,373	-192	
4	374,229	376,466	-2,237	64	-4,214	-3,046	-2,237	-1,429	-261	
5	388,109	390,408	-2,299	64	-4,309	-3,121	-2,299	-1,477	-289	
6	414,641	417,070	-2,429	63	-4,527	-3,288	-2,429	-1,571	-331	
7	473,477	475,972	-2,495	63	-4,740	-3,414	-2,495	-1,577	-251	
8	499,449	501,933	-2,484	64	-4,890	-3,469	-2,484	-1,500	-78	
9	536,941	539,473	-2,531	67	-5,113	-3,588	-2,531	-1,475	50	
10	563,668	566,266	-2,598	70	-5,294	-3,701	-2,598	-1,495	97	
11	585,081	587,679	-2,598	74	-5,370	-3,732	-2,598	-1,464	174	
12	598,922	601,515	-2,593	78	-5,398	-3,741	-2,593	-1,445	212	
13	605,535	608,196	-2,661	82	-5,448	-3,801	-2,661	-1,521	126	
14	615,434	602,721	12,712	86	4,341	9,287	12,712	16,138	21,084	
15	620,026	572,438	47,587	89	39,173	44,144	47,587	51,031	56,002	
16	614,410	567,303	47,107	90	38,926	43,760	47,107	50,455	55,289	
17	601,161	555,203	45,958	90	38,148	42,762	45,958	49,153	53,767	
18	577,109	532,657	44,452	89	37,119	41,452	44,452	47,453	51,785	
19	549,035	537,792	11,243	87	4,111	8,325	11,243	14,161	18,374	
20	540,637	543,040	-2,404	83	-4,815	-3,390	-2,404	-1,417	8	
21	535,144	537,518	-2,373	78	-4,760	-3,350	-2,373	-1,397	13	
22	503,219	505,557	-2,338	74	-4,676	-3,295	-2,338	-1,381	0	
23	450,300	452,481	-2,180	72	-4,430	-3,101	-2,180	-1,260	69	
24	411,190	413,339	-2,149	70	-4,309	-3,033	-2,149	-1,265	12	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	12,195,760	12,029,480	166,280	1,795	77,003	129,749	166,280	202,810	255,554	

Average Impacts

Number of Accounts Enrolled: 2,714 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-18
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

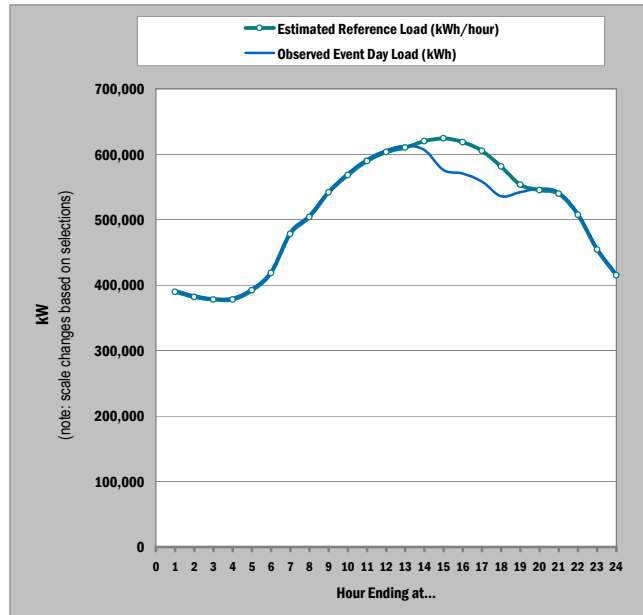


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	143	-1	67	-2	-1	-1	0	0
2	139	140	-1	66	-2	-1	-1	0	0
3	138	139	-1	65	-2	-1	-1	-1	0
4	138	139	-1	64	-2	-1	-1	-1	0
5	143	144	-1	64	-2	-1	-1	-1	0
6	153	154	-1	63	-2	-1	-1	-1	0
7	174	175	-1	63	-2	-1	-1	-1	0
8	184	185	-1	64	-2	-1	-1	-1	0
9	198	199	-1	67	-2	-1	-1	-1	0
10	208	209	-1	70	-2	-1	-1	-1	0
11	216	217	-1	74	-2	-1	-1	-1	0
12	221	222	-1	78	-2	-1	-1	-1	0
13	223	224	-1	82	-2	-1	-1	-1	0
14	227	222	5	86	2	3	5	6	8
15	228	211	18	89	14	16	18	19	21
16	226	209	17	90	14	16	17	19	20
17	221	205	17	90	14	16	17	18	20
18	213	196	16	89	14	15	16	17	19
19	202	198	4	87	2	3	4	5	7
20	199	200	-1	83	-2	-1	-1	-1	0
21	197	198	-1	78	-2	-1	-1	-1	0
22	185	186	-1	74	-2	-1	-1	-1	0
23	166	167	-1	72	-2	-1	-1	0	0
24	151	152	-1	70	-2	-1	-1	0	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,493	4,432	61	1,795	28	48	61	75	94

Aggregate Impacts

Number of Accounts Enrolled: 2,736 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-19
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

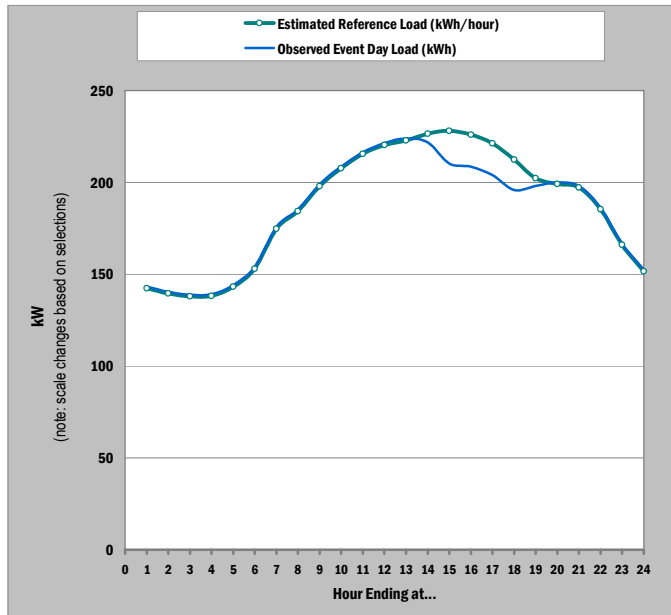


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	389,662	391,901	-2,239	67	-4,313	-3,087	-2,239	-1,390	-165
2	381,922	384,213	-2,291	66	-4,320	-3,121	-2,291	-1,461	-262
3	377,650	379,996	-2,346	65	-4,336	-3,160	-2,346	-1,532	-356
4	377,804	380,197	-2,394	65	-4,362	-3,199	-2,394	-1,588	-425
5	391,872	394,324	-2,453	65	-4,455	-3,272	-2,453	-1,633	-450
6	418,641	421,217	-2,576	64	-4,669	-3,433	-2,576	-1,720	-484
7	478,205	480,848	-2,642	63	-4,885	-3,560	-2,642	-1,725	-400
8	504,178	506,811	-2,632	66	-5,037	-3,616	-2,632	-1,649	-229
9	541,524	544,200	-2,675	69	-5,256	-3,731	-2,675	-1,620	-95
10	568,098	570,840	-2,742	72	-5,435	-3,844	-2,742	-1,640	-48
11	589,469	592,215	-2,746	76	-5,517	-3,880	-2,746	-1,612	26
12	603,280	606,022	-2,742	79	-5,547	-3,890	-2,742	-1,595	63
13	609,818	612,627	-2,808	83	-5,595	-3,949	-2,808	-1,668	-21
14	619,605	606,754	12,850	86	4,487	9,428	12,850	16,272	21,213
15	624,102	575,604	48,497	87	40,074	45,051	48,497	51,944	56,921
16	618,470	570,455	48,016	88	39,826	44,665	48,016	51,367	56,205
17	605,214	558,344	46,871	88	39,053	43,672	46,871	50,070	54,689
18	581,168	535,797	45,372	86	38,030	42,367	45,372	48,376	52,714
19	553,331	541,948	11,383	83	4,260	8,469	11,383	14,298	18,506
20	544,954	547,506	-2,552	79	-4,963	-3,539	-2,552	-1,566	-141
21	539,476	541,997	-2,521	75	-4,908	-3,498	-2,521	-1,545	-135
22	507,348	509,834	-2,486	72	-4,823	-3,442	-2,486	-1,530	-149
23	454,120	456,453	-2,333	70	-4,579	-3,252	-2,333	-1,414	-87
24	414,879	417,183	-2,304	69	-4,460	-3,186	-2,304	-1,422	-148
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	12,294,793	12,127,286	167,506	1,783	10th	30th	50th	70th	90th
					78,270	130,992	167,506	204,020	256,740

Average Impacts

Number of Accounts Enrolled: 2,736 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-19
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

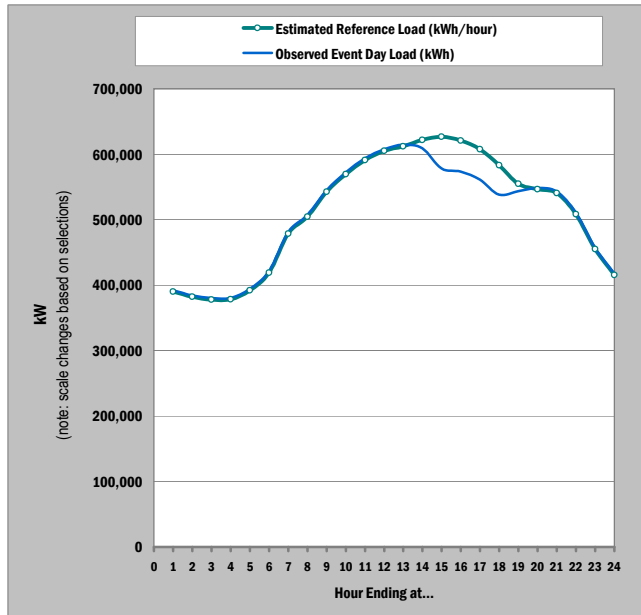


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	143	-1	67	-2	-1	-1	-1	0
2	140	140	-1	66	-2	-1	-1	-1	0
3	138	139	-1	65	-2	-1	-1	-1	0
4	138	139	-1	65	-2	-1	-1	-1	0
5	143	144	-1	65	-2	-1	-1	-1	0
6	153	154	-1	64	-2	-1	-1	-1	0
7	175	176	-1	63	-2	-1	-1	-1	0
8	184	185	-1	66	-2	-1	-1	-1	0
9	198	199	-1	69	-2	-1	-1	-1	0
10	208	209	-1	72	-2	-1	-1	-1	0
11	215	216	-1	76	-2	-1	-1	-1	0
12	220	221	-1	79	-2	-1	-1	-1	0
13	223	224	-1	83	-2	-1	-1	-1	0
14	226	222	5	86	2	3	5	6	8
15	228	210	18	87	15	16	18	19	21
16	226	208	18	88	15	16	18	19	21
17	221	204	17	88	14	16	17	18	20
18	212	196	17	86	14	15	17	18	19
19	202	198	4	83	2	3	4	5	7
20	199	200	-1	79	-2	-1	-1	-1	0
21	197	198	-1	75	-2	-1	-1	-1	0
22	185	186	-1	72	-2	-1	-1	-1	0
23	166	167	-1	70	-2	-1	-1	-1	0
24	152	152	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,493	4,432	61	1,783	10th	30th	50th	70th	90th
					29	48	61	75	94

Aggregate Impacts

Number of Accounts Enrolled: 2,738 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-19
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

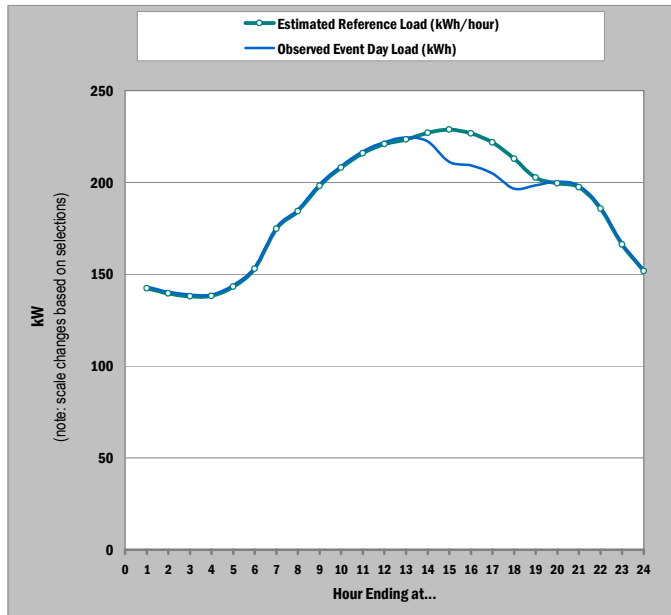


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles					
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile	
1	389,855	391,957	-2,102	67	-4,203	-2,962	-2,102	-1,242	-1	
2	382,164	384,319	-2,154	66	-4,211	-2,996	-2,154	-1,313	-98	
3	377,934	380,143	-2,210	65	-4,229	-3,036	-2,210	-1,383	-191	
4	378,138	380,395	-2,258	64	-4,255	-3,075	-2,258	-1,440	-260	
5	392,166	394,485	-2,320	64	-4,351	-3,151	-2,320	-1,489	-289	
6	418,979	421,430	-2,451	63	-4,571	-3,319	-2,451	-1,583	-331	
7	478,454	480,971	-2,518	63	-4,786	-3,446	-2,518	-1,590	-250	
8	504,691	507,197	-2,506	64	-4,938	-3,501	-2,506	-1,511	-74	
9	542,564	545,118	-2,553	67	-5,163	-3,621	-2,553	-1,486	56	
10	569,554	572,175	-2,621	70	-5,345	-3,735	-2,621	-1,506	103	
11	591,151	593,801	-2,620	74	-5,422	-3,767	-2,620	-1,474	182	
12	605,153	607,768	-2,615	78	-5,450	-3,775	-2,615	-1,455	219	
13	611,821	614,505	-2,684	82	-5,500	-3,836	-2,684	-1,532	132	
14	621,823	608,964	12,858	86	4,397	9,396	12,858	16,321	21,320	
15	626,464	578,360	48,104	89	39,600	44,624	48,104	51,584	56,609	
16	620,791	573,171	47,619	90	39,351	44,236	47,619	51,003	55,888	
17	607,402	560,945	46,457	90	38,564	43,227	46,457	49,687	54,350	
18	583,104	538,169	44,935	89	37,524	41,903	44,935	47,968	52,346	
19	554,758	543,385	11,372	87	4,164	8,423	11,372	14,322	18,580	
20	546,275	548,700	-2,425	83	-4,862	-3,422	-2,425	-1,428	12	
21	540,738	543,132	-2,394	78	-4,806	-3,381	-2,394	-1,408	17	
22	508,489	510,847	-2,359	74	-4,722	-3,326	-2,359	-1,392	5	
23	455,022	457,222	-2,199	72	-4,473	-3,130	-2,199	-1,269	74	
24	415,490	417,658	-2,168	70	-4,351	-3,061	-2,168	-1,274	16	
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles					
	10th	30th	50th	70th	90th					
	12,323,008	12,154,818	168,190	1,795	77,960	131,269	168,190	205,110	258,417	

Average Impacts

Number of Accounts Enrolled: 2,738 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-19
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

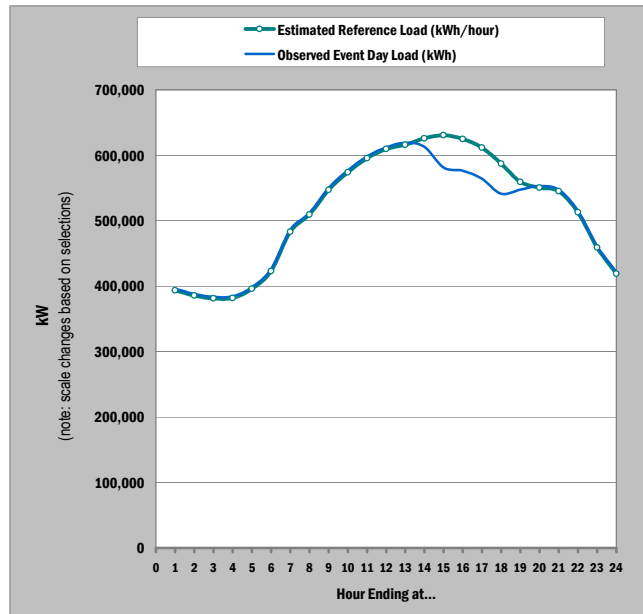


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	142	143	-1	67	-2	-1	-1	0	0
2	140	140	-1	66	-2	-1	-1	0	0
3	138	139	-1	65	-2	-1	-1	-1	0
4	138	139	-1	64	-2	-1	-1	-1	0
5	143	144	-1	64	-2	-1	-1	-1	0
6	153	154	-1	63	-2	-1	-1	-1	0
7	175	176	-1	63	-2	-1	-1	-1	0
8	184	185	-1	64	-2	-1	-1	-1	0
9	198	199	-1	67	-2	-1	-1	-1	0
10	208	209	-1	70	-2	-1	-1	-1	0
11	216	217	-1	74	-2	-1	-1	-1	0
12	221	222	-1	78	-2	-1	-1	-1	0
13	223	224	-1	82	-2	-1	-1	-1	0
14	227	222	5	86	2	3	5	6	8
15	229	211	18	89	14	16	18	19	21
16	227	209	17	90	14	16	17	19	20
17	222	205	17	90	14	16	17	18	20
18	213	197	16	89	14	15	16	18	19
19	203	198	4	87	2	3	4	5	7
20	199	200	-1	83	-2	-1	-1	-1	0
21	197	198	-1	78	-2	-1	-1	-1	0
22	186	187	-1	74	-2	-1	-1	-1	0
23	166	167	-1	72	-2	-1	-1	0	0
24	152	153	-1	70	-2	-1	-1	0	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,500	4,439	61	1,795	10th	30th	50th	70th	90th
					28	48	61	75	94

Aggregate Impacts

Number of Accounts Enrolled: 2,760 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-20
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

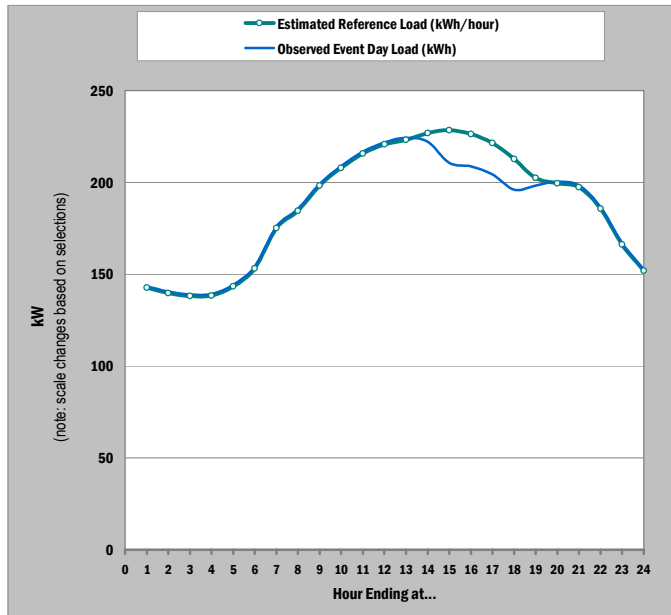


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	393,661	395,920	-2,258	67	-4,354	-3,116	-2,258	-1,401	-163
2	385,842	388,153	-2,311	66	-4,361	-3,150	-2,311	-1,472	-261
3	381,524	383,890	-2,367	65	-4,378	-3,189	-2,367	-1,544	-356
4	381,674	384,088	-2,415	65	-4,404	-3,229	-2,415	-1,601	-426
5	395,889	398,363	-2,475	65	-4,498	-3,303	-2,475	-1,647	-451
6	422,937	425,536	-2,599	64	-4,714	-3,464	-2,599	-1,734	-485
7	483,134	485,800	-2,666	63	-4,931	-3,593	-2,666	-1,739	-400
8	509,367	512,023	-2,655	66	-5,084	-3,649	-2,655	-1,661	-226
9	547,085	549,783	-2,698	69	-5,306	-3,765	-2,698	-1,631	-91
10	573,916	576,681	-2,765	72	-5,487	-3,879	-2,765	-1,651	-43
11	595,496	598,265	-2,769	76	-5,570	-3,915	-2,769	-1,623	31
12	609,435	612,201	-2,765	79	-5,600	-3,925	-2,765	-1,606	68
13	616,027	618,860	-2,832	83	-5,649	-3,985	-2,832	-1,680	-17
14	625,913	612,918	12,995	86	4,544	9,537	12,995	16,453	21,446
15	630,458	581,443	49,015	87	40,504	45,532	49,015	52,498	57,527
16	624,769	576,241	48,528	88	40,253	45,142	48,528	51,914	56,803
17	611,376	564,005	47,371	88	39,472	44,139	47,371	50,604	55,271
18	587,088	541,232	45,856	86	38,437	42,821	45,856	48,892	53,275
19	558,988	547,476	11,512	83	4,315	8,567	11,512	14,457	18,710
20	550,528	553,102	-2,574	79	-5,011	-3,571	-2,574	-1,578	-139
21	545,006	547,549	-2,543	75	-4,954	-3,530	-2,543	-1,557	-132
22	512,558	515,066	-2,508	72	-4,869	-3,474	-2,508	-1,541	-146
23	458,790	461,144	-2,353	70	-4,623	-3,282	-2,353	-1,425	-84
24	419,134	421,458	-2,324	69	-4,503	-3,216	-2,324	-1,433	-146
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	12,420,595	12,251,196	169,399	1,783	10th	30th	50th	70th	90th
					79,231	132,504	169,399	206,294	259,564

Average Impacts

Number of Accounts Enrolled: (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): July-20
 Weather Year: 1-in-2
 Day Type: July Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

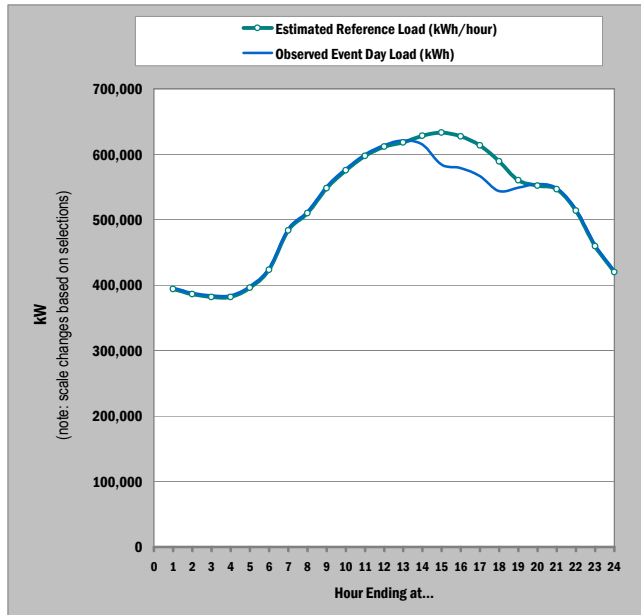


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	143	143	-1	67	-2	-1	-1	-1	0
2	140	141	-1	66	-2	-1	-1	-1	0
3	138	139	-1	65	-2	-1	-1	-1	0
4	138	139	-1	65	-2	-1	-1	-1	0
5	143	144	-1	65	-2	-1	-1	-1	0
6	153	154	-1	64	-2	-1	-1	-1	0
7	175	176	-1	63	-2	-1	-1	-1	0
8	185	185	-1	66	-2	-1	-1	-1	0
9	198	199	-1	69	-2	-1	-1	-1	0
10	208	209	-1	72	-2	-1	-1	-1	0
11	216	217	-1	76	-2	-1	-1	-1	0
12	221	222	-1	79	-2	-1	-1	-1	0
13	223	224	-1	83	-2	-1	-1	-1	0
14	227	222	5	86	2	3	5	6	8
15	228	211	18	87	15	16	18	19	21
16	226	209	18	88	15	16	18	19	21
17	221	204	17	88	14	16	17	18	20
18	213	196	17	86	14	16	17	18	19
19	203	198	4	83	2	3	4	5	7
20	199	200	-1	79	-2	-1	-1	-1	0
21	197	198	-1	75	-2	-1	-1	-1	0
22	186	187	-1	72	-2	-1	-1	-1	0
23	166	167	-1	70	-2	-1	-1	-1	0
24	152	153	-1	69	-2	-1	-1	-1	0
Daily	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	4,500	4,438	61	1,783	10th	30th	50th	70th	90th
					29	48	61	75	94

Aggregate Impacts

Number of Accounts Enrolled: 2,762 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-20
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio

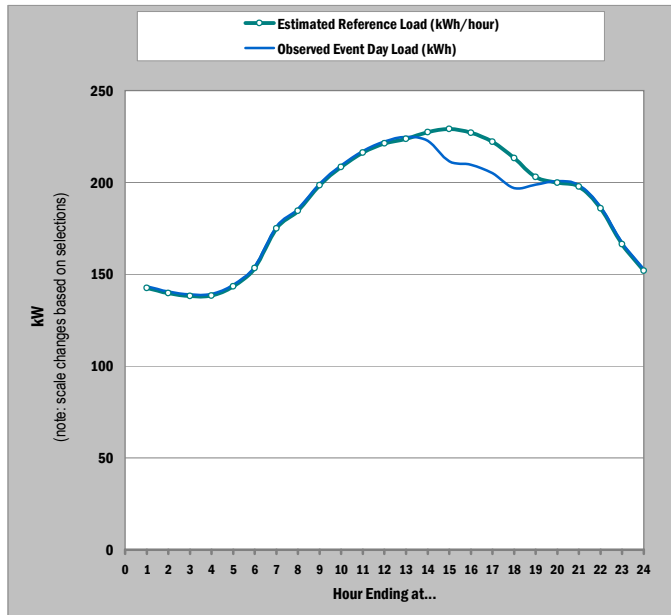


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	393,849	395,970	-2,120	67	-4,243	-2,989	-2,120	-1,252	3
2	386,080	388,253	-2,173	66	-4,252	-3,024	-2,173	-1,323	-95
3	381,803	384,032	-2,229	65	-4,269	-3,064	-2,229	-1,394	-189
4	382,004	384,282	-2,278	64	-4,296	-3,103	-2,278	-1,452	-259
5	396,179	398,519	-2,340	64	-4,393	-3,180	-2,340	-1,501	-288
6	423,271	425,743	-2,473	63	-4,615	-3,349	-2,473	-1,596	-330
7	483,377	485,916	-2,540	63	-4,832	-3,477	-2,540	-1,602	-248
8	509,877	512,405	-2,528	64	-4,985	-3,533	-2,528	-1,522	-71
9	548,127	550,702	-2,575	67	-5,212	-3,654	-2,575	-1,496	62
10	575,377	578,020	-2,643	70	-5,395	-3,769	-2,643	-1,516	110
11	597,215	599,857	-2,642	74	-5,474	-3,801	-2,642	-1,484	189
12	611,317	613,955	-2,638	78	-5,502	-3,810	-2,638	-1,466	227
13	618,040	620,746	-2,707	82	-5,553	-3,871	-2,707	-1,543	139
14	628,143	615,140	13,003	86	4,452	9,504	13,003	16,502	21,553
15	632,834	584,218	48,616	89	40,022	45,099	48,616	52,132	57,209
16	627,103	578,977	48,125	90	39,771	44,707	48,125	51,544	56,481
17	613,576	566,626	46,951	90	38,976	43,688	46,951	50,214	54,926
18	589,034	543,621	45,413	89	37,925	42,349	45,413	48,477	52,901
19	560,419	548,918	11,500	87	4,217	8,520	11,500	14,481	18,784
20	551,852	554,298	-2,446	83	-4,908	-3,453	-2,446	-1,438	16
21	546,272	548,687	-2,415	78	-4,852	-3,412	-2,415	-1,418	22
22	513,701	516,080	-2,379	74	-4,767	-3,356	-2,379	-1,402	9
23	459,693	461,912	-2,218	72	-4,516	-3,159	-2,218	-1,278	79
24	419,744	421,930	-2,186	70	-4,393	-3,089	-2,186	-1,283	20
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
	12,448,885	12,278,806	170,079	1,795	10th	30th	50th	70th	90th
					78,907	132,773	170,079	207,385	261,248

Average Impacts

Number of Accounts Enrolled: 2,762 (at End of Month in Which Event Occurred)

Program: CBP
 Month (for enrollment): August-20
 Weather Year: 1-in-2
 Day Type: August Peak
 LCR Area: All
 Industry: All
 Size: All
 Forecast Type: Portfolio



Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr) - Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	143	143	-1	67	-2	-1	-1	0	0
2	140	141	-1	66	-2	-1	-1	0	0
3	138	139	-1	65	-2	-1	-1	-1	0
4	138	139	-1	64	-2	-1	-1	-1	0
5	143	144	-1	64	-2	-1	-1	-1	0
6	153	154	-1	63	-2	-1	-1	-1	0
7	175	176	-1	63	-2	-1	-1	-1	0
8	185	185	-1	64	-2	-1	-1	-1	0
9	198	199	-1	67	-2	-1	-1	-1	0
10	208	209	-1	70	-2	-1	-1	-1	0
11	216	217	-1	74	-2	-1	-1	-1	0
12	221	222	-1	78	-2	-1	-1	-1	0
13	224	225	-1	82	-2	-1	-1	-1	0
14	227	223	5	86	2	3	5	6	8
15	229	211	18	89	14	16	18	19	21
16	227	210	17	90	14	16	17	19	20
17	222	205	17	90	14	16	17	18	20
18	213	197	16	89	14	15	16	18	19
19	203	199	4	87	2	3	4	5	7
20	200	201	-1	83	-2	-1	-1	-1	0
21	198	199	-1	78	-2	-1	-1	-1	0
22	186	187	-1	74	-2	-1	-1	-1	0
23	166	167	-1	72	-2	-1	-1	0	0
24	152	153	-1	70	-2	-1	-1	0	0
	Reference Energy Use (kWh)	Estimated Event Day Energy Use (kWh)	Change in Energy Use (kWh)	Cooling Degree Hours (Base 75 °F)	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,507	4,445	62	1,795	29	48	62	75	95