2008 Load Impact Evaluation of California Statewide Critical-Peak Pricing Rates for Non-Residential Customers

Ex Post and Ex Ante Report

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Abstract

This report documents the results of an *ex-post* and *ex-ante* load impact evaluation for program-year 2008 of the California statewide non-residential critical-peak pricing (CPP) rates operated by the three major investor-owned utilities (IOUs): San Diego Gas and Electric (SDG&E), Southern California Edison (SCE), and Pacific Gas and Electric (PG&E). Ex post load impacts were estimated for each CPP event in 2008. Ex ante load impacts were developed for 2009-2020 based on the 2008 ex post load impacts and enrollment forecasts provided by the utilities.

Executive Summary

This report documents an ex post and ex ante load impact evaluation for program-year 2008 of the California statewide voluntary non-residential critical-peak pricing ("CPP") rates offered by the three major investor-owned utilities (IOUs), Pacific Gas and Electric ("PG&E"), Southern California Edison ("SCE"), and San Diego Gas and Electric ("SDG&E"). Non-residential customers enrolling in voluntary CPP receive a discount from the otherwise applicable rates they pay for energy on non-critical days, in return for paying a higher "critical peak" price (*e.g.*, $0.30 to $1.80 per kWh) for energy used in certain hours on a limited number of critical peak pricing "event" days. Customers enrolled in CPP are notified one day before a CPP event is called.

The primary goals of the evaluation were the following:

- To estimate the hourly ex post load impacts achieved on each event day; to determine how the load impacts on the average event day were distributed across customers in different industry types and CAISO-designated Local Capacity Areas (LCAs)[1] (where relevant); and to estimate the incremental demand response associated with customers' participation in Technical Assistance/Technology Incentive (TA/TI) and Automated Demand Response (AutoDR) programs;
- To analyze the characteristics of customers who opted out of SDG&E's new default CPP rate;
- To provide insights from the opt-out analysis to guide development of ex ante forecasts for default CPP for all three utilities; and
- To provide ex ante forecasts of the demand response expected to be achieved by CPP rates for 2009-2020 for each utility.

ES.1 Resources Covered

CPP tariffs

Prior to 2008, all of the utilities' non-residential CPP rates were voluntary, "opt-in" rates. However, beginning in May 2008, SDG&E implemented a default CPP tariff with an "opt-out" provision, and began transitioning previous volunteers onto the new default rate. SCE has proposed a default opt-out CPP rate to be implemented in late 2009, and PG&E recently proposed a default CPP tariff, referred to as Peak Day Pricing (PDP), for large, medium, and small non-residential customers that will be established in 2010, with a transition period for customers of different sizes.

The utilities' voluntary CPP rates have similar structures, but differ in terms of customer eligibility,[2] price levels, hours of application, number of events that may be called, and months of applicability. PG&E's CPP rates are tied to customers' otherwise applicable tariff (*e.g.*, it provides *credits* during non-CPP on-peak and part-peak hours, and *charges* during event hours on CPP days), and thus takes on different values for different rate

[1] Local Capacity Area (or LCA) refers to a CAISO-designated load pocket or transmission constrained geographic area for which a utility id required to meet a Local Resource Adequacy capacity requirement. There are currently seven LCAS within PG&E's service area.

[2] For example, only non-residential customers with maximum demands of over 200 kW are eligible to enroll in PG&E's current voluntary CPP program.

classes. The rates have a moderate price for the first three hours and a high price for the last three hours of the six-hour event period.

SDG&E's default CPP also takes on different values for different rate classes. The default CPP rate is a commodity only rate and customers pay all non-commodity charges according to their otherwise applicable tariff. Customers on SDG&E's default CPP are allowed to pay a monthly capacity reservation charge (CRC) that limits their exposure to CPP on event days.

SCE offers two voluntary CPP tariffs. One, CPP – Volumetric Charge Discount ("CPP-VCD"), is of similar structure to those of the other utilities. The other, CPP – Generation Capacity Charge Discount ("CPP-GCCD"), is aimed at large (> 500 kW) customers, and involves a single high CPP price for the entire six-hour critical period on event days in return for a discounted summer on-peak demand charge.

Enrollment

Enrollment in CPP at PG&E expanded from 337 customer service accounts in 2006 and 656 accounts in 2007, to 760 accounts in 2008.[3] The total load of customer accounts enrolled in CPP, measured as the sum of individual customers' maximum demands, amounted to 481 MW.[4] The Manufacturing; Offices, Hotels, Finance and Services; and Schools industry groups made up the bulk of PG&E's CPP enrollment. SCE's enrollment in CPP expanded from just 15 customer accounts in 2006, to 44 accounts in 2007, and 201 accounts in 2008. Total maximum demand of customers enrolled in 2008 amounted to approximately 148 MW. Manufacturers made up the bulk of CPP program participants at SCE. Figures ES.1 and ES.2 show the distributions of enrollment across industry-types at PG&E and SCE, based on the share of total maximum demand.

At SDG&E, approximately 1,800 customers, most of which were greater than 200 kW in size were defaulted onto a new CPP rate in May 2008.[5] Approximately three-quarters of those customers remained on the rate in the first year, declining to opt out to the new otherwise applicable time-of-use rate.

[3] The number of accounts enrolled in PG&E's program is defined as the number of service agreement identification numbers (sa_ids) that are listed as "enrolled" in PG&E's database. Frequently a single customer will have more than one sa_id – for example if a customer enrolls multiple facilities at different locations in the CPP program.

[4] The sum of participating customers' maximum demands represents a convenient metric for characterizing program enrollment. However, the hourly load impacts and percentage load impacts on CPP event days that are reported in the text are calculated relative to a *reference load* that represents an estimate of what customers' usage would have been on a comparable non-event day.

[5] Customers of size greater than 20 kW were eligible for the new CPP rate if they met the interval data recorder metering requirement and had been on a demand response program previously.

Figure ES.1 Distribution of CPP Enrollment by Industry Type – PG&E

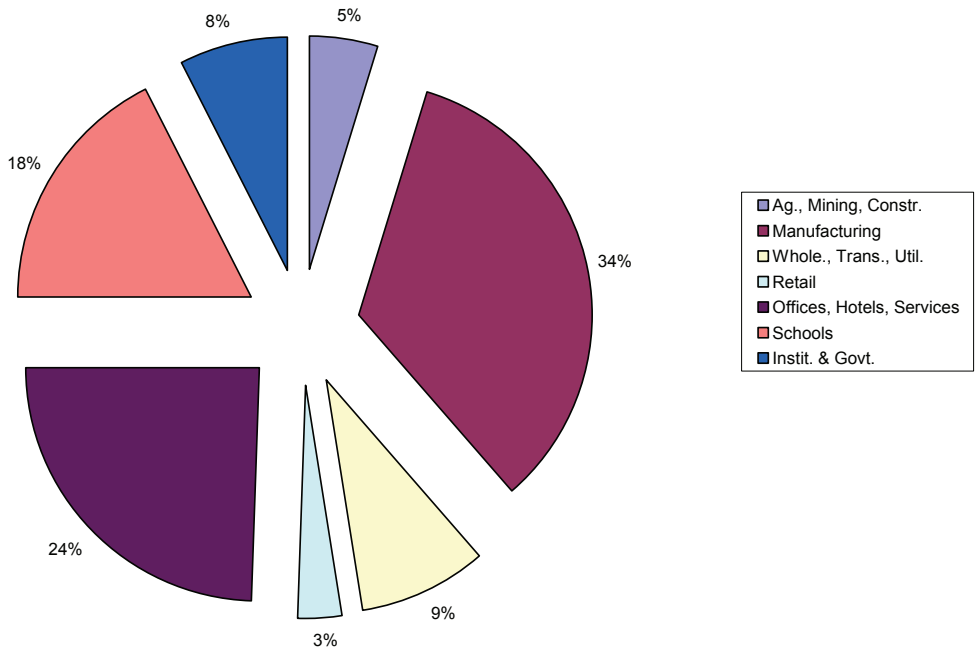
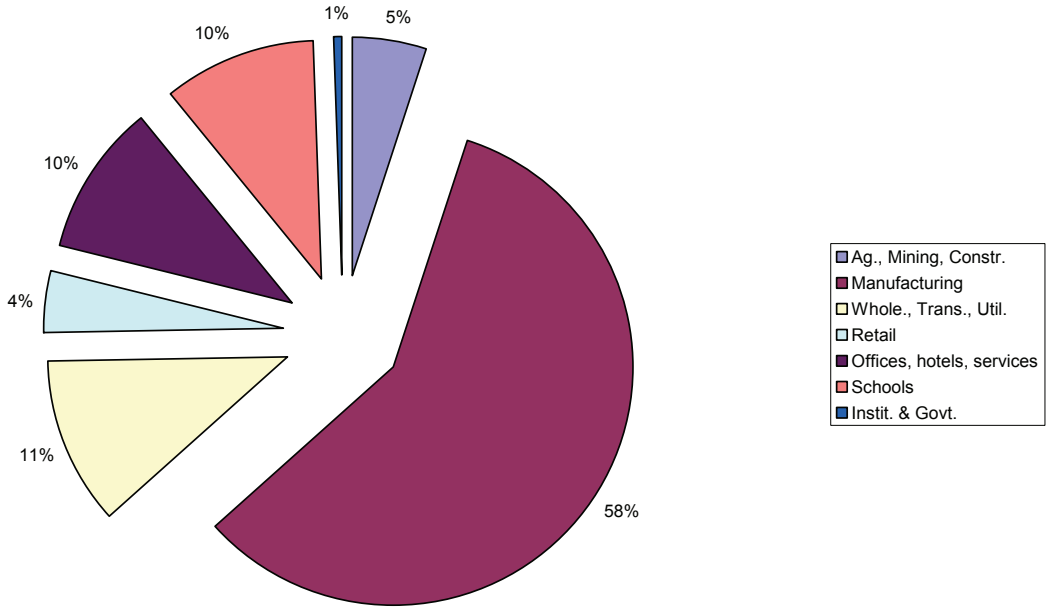


Figure ES.2 Distribution of CPP Enrollment by Industry Type – *SCE*



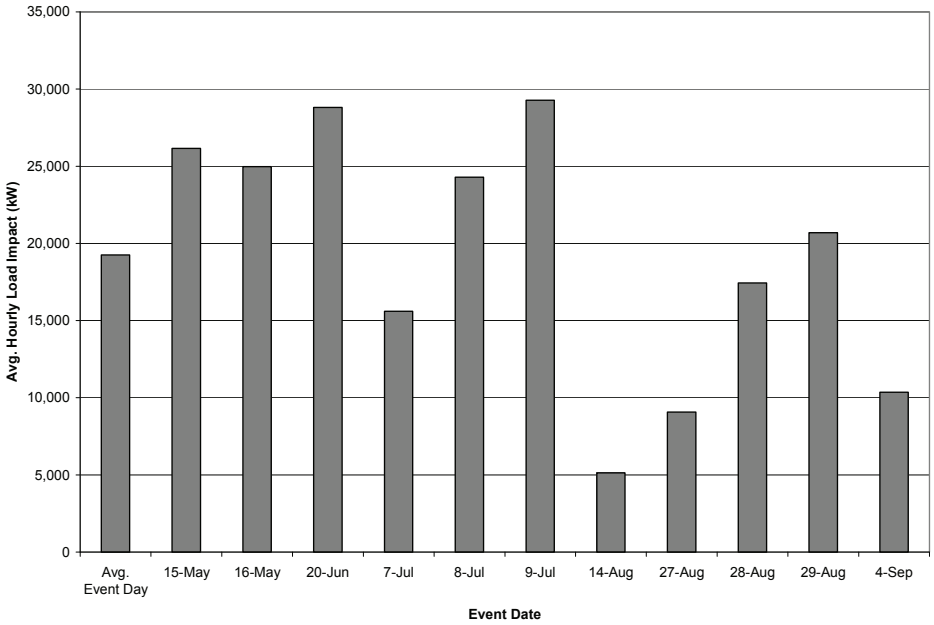
ES.2 Evaluation Methodology

The ex post load impacts for CPP for program-year 2008 were estimated using separate econometric models (*i.e.*, regression equations) for each enrolled CPP customer, based on historical load data for the summer of 2008. The models assume that hourly loads are a function of weather data, time-based variables such as hour, day of week, and month, and program event information. The individual customer models allow the development of information on the distribution of load impacts across industry types and geographical regions, as well as the analysis of the incremental effects from automation and technology incentive programs.

ES.3 Ex Post Load Impacts

The ex post load impact evaluation involved estimating load impacts for each hour of each CPP event at PG&E and SCE. Figure ES.3 summarizes those results for PG&E by reporting *average hourly load impacts* during the six-hour event period for each of PG&E's eleven CPP event days, and the average across events.[6] The average hourly load impact across all events was 19.3 MW, with values ranging from 5.1 to 29.3 MW across events. These values represent percentage load impacts that range from about 2 percent to nearly 9 percent, relative to the reference loads for each event (these averaged 336 MW across the event period), with an average load reduction of 5.7 percent.[7] The largest share of the load impacts were provided by the Manufacturing, and Offices, Hotels, Finance and Services industry types.

Figure ES.3 Average Hourly CPP Load Impacts (kW) by Event – *PG&E*

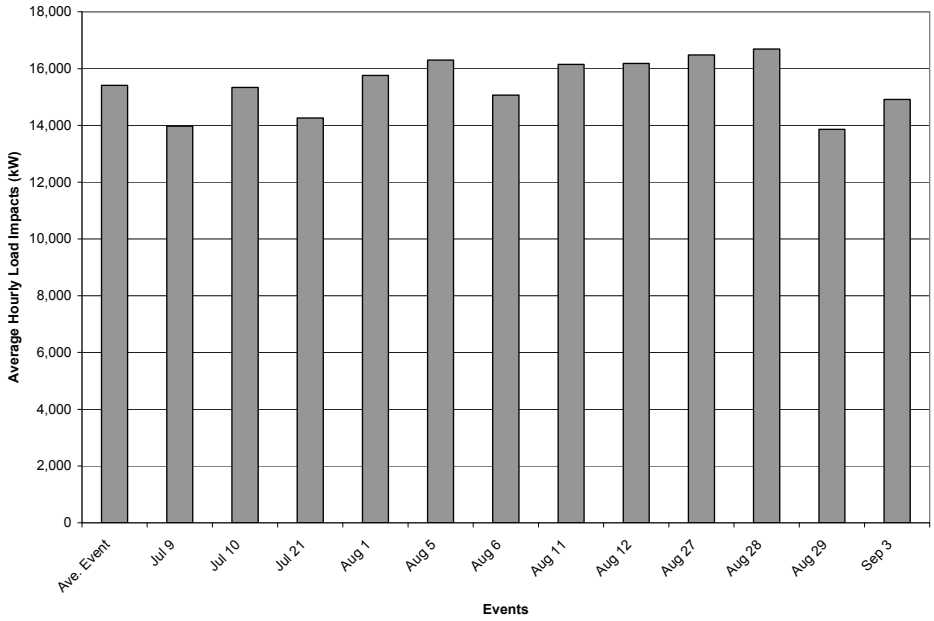


[6] Twelve PG&E CPP events were called in 2008, but one of those events was cancelled, leaving only eleven events to be analyzed in this report.

[7] The reference load is our estimate of what the CPP customers' load would have been if the event had not been called, and is based on observed data and the estimated load impacts.

The average hourly load impacts for SCE's twelve CPP event days in 2008, shown in Figure ES.4, were quite consistent across events, with an average hourly load reduction of about 15 MW, or nearly 26 percent of the CPP reference load, which averaged about 60 MW. Manufacturing customers made up more than half of the total reference load and accounted for the bulk of the load impacts.

Figure ES.4 Average Hourly CPP Load Impacts (kW) by Event – *SCE*



SDG&E did not call any CPP events in 2008.

CPP customers at PG&E who participated in TA/TI produced load impacts that averaged 2.2 percent, while those participating in AutoDR had load impacts of 15.6 percent. Comparable values for SCE were 43 percent load reductions for TA/TI participants and 37 percent load reductions for AutoDR participants. (Recall that SCE's CPP customers produced larger average percentage load impacts than did PG&E's more diverse set of enrollees.) Attempts to estimate incremental load impacts were hampered by small sample sizes for the 2008 program year, and variability in customer types among the participants, which complicated the selection of comparable non-participants.

ES.4 Analysis of SDG&E Default CPP Opt-Out Patterns

In May 2008, SDG&E implemented a default CPP tariff that applies to all non-residential, bundled service customers with peak demands exceeding 20 kW who have interval meters. Customers defaulted onto the CPP rate have the option of selecting an alternative TOU. Approximately 1,800 customer accounts were defaulted onto the CPP-D tariff starting in early May and were given 45 days to opt-out and to select their CRC amount. If a customer did not opt-out of the rate, they were obligated to stay on the rate for 12 months. Customers who stayed on the rate were given bill protection for the first 12 months of service following the default date.

Table ES.1 shows the number and average demand for those customers who were defaulted onto the CPP-D tariff (last set of columns), as well as for those who stayed on the rate (first set of columns), and those who opted out to the TOU option. Except for hotels and apartments, more than 70 percent of all customers stayed on the default tariff.

Table ES.1: SDG&E CPP-D Opt-Out Decisions

	Industry type	Default CPP Tariff			Opt-Out TOU Tariff		Total	
		# of Cust.	% of Customers	Average of Max. Summer On-Peak Demand (kW)	# of Cust.	Average of Max. Summer On-Peak Demand (kW)	# of Cust.	Average of Max. Summer On-Peak Demand (kW)
1	Ag, Mining & Construction	23	74%	604	8	274	31	509
2	Manufacturing	190	77%	502	57	531	247	508
3a	Wholesale, Transport	153	90%	554	17	512	170	549
3b	Water Districts	110	81%	570	26	463	136	552
4	Retail Stores	119	73%	383	45	475	164	407
5a	Offices, Finance & Services	315	73%	531	114	462	429	512
5b	Hotels and Apartments	95	52%	393	89	495	184	442
6	Schools	133	77%	391	40	374	173	388
7	Institutional, Government	175	78%	380	50	488	225	402
8	Other	7	88%	248	1	271	8	252
	Total	1,320	75%	476	447	471	1,767	475

The analysis of opt-out patterns for SDG&E's default CPP tariff involved summaries of customer characteristics data and estimation of choice models for both the opt-out decision and the choice of capacity reservation levels (*i.e.*, the percentage of customers' maximum demand for which they choose to pay a capacity reservation charge and thus avoid exposure to CPP rates on event days) for those that remained on the CPP rate. The models cannot be used to predict long term participation until sufficient time is allowed to observe customer decisions after the bill protection periods ends and customers gain experience facing CPP events.[8]

ES 5 Ex Ante Load Impacts

Ex-ante load impacts for CPP prepared for 2009-2020 were based on load impact estimates from the ex post evaluation for 2008 and enrollment forecasts provided by the utilities, where PG&E's forecasts were provided through a separate contract with The Brattle Group. The ex ante load impact forecasts cover an important transition period from voluntary non-residential CPP to default CPP (including PG&E's re-named Peak Day Pricing (PDP) program), which will extend to customer accounts below 200 kW. As a result, enrollment forecasts and projected program load impacts ramp up substantially over the next few years.

Representative values of average hourly default CPP/PDP program load impacts in 2012, at which time the utilities' enrollment forecasts begin to stabilize are approximately 35 MW

[8] The fact that SDG&E did not call any CPP events in 2008 makes it possible that the drop-out rate after the first year will be lower than what the IOUs will experience over time.

for SCE (under an assumption of an ultimate opt-out rate of approximately 65 percent), 71 MW for SDG&E (under an assumption of average opt-out rates of approximately 25 percent), and 356 MW for PG&E. These values are for a typical event day in a 1-in-2 weather year.

ES 6 Summary

Ex post load impacts for program-year 2008 were estimated to average 28.7 MW per hour (a 5.7 percent load impact relative to the reference load) across PG&E's eleven CPP events, and 15 MW per hour (26 percent) for SCE's twelve events. SDG&E did not call any CPP events in 2008.

1. Introduction and Purpose of the Study

This report documents an ex post and ex ante load impact evaluation for program-year 2008 of the California statewide voluntary critical-peak pricing ("CPP") rates for non-residential customers offered by the three major investor-owned utilities (IOUs), Pacific Gas and Electric ("PG&E"), Southern California Edison ("SCE"), and San Diego Gas and Electric ("SDG&E").[9] Customers enrolling in voluntary CPP receive a discount from the otherwise applicable rates they pay for energy on non-critical days, in return for paying a higher "critical peak" price (*e.g.*, $0.30 to $1.80 per kWh) for energy used in certain hours on a limited number of critical peak pricing "event" days. Customers enrolled in CPP are notified one day before a CPP event is called.

The primary goals of the evaluation were the following:

- To estimate the hourly ex post load impacts achieved on each event day, to determine how the load impacts on the average event day were distributed across customers in different industry types and California ISO ("CAISO") local capacity areas (LCA), where relevant, and to estimate the incremental demand response associated with customers' participation in TA/TI and AutoDR incentive programs;
- To analyze the characteristics of customers who opted out of SDG&E's new default CPP rate;
- To provide insights from the opt-out analysis for consideration in the development of ex ante forecasts for default CPP for all three utilities, and
- To provide ex ante forecasts of the demand response expected to be achieved by CPP rates for 2009-2023 for each utility (Part 2 of this study, which will be filed with the CPUC on May 1, 2009, will include the ex ante portion of this analysis).

The load impacts for the programs were estimated using separate econometric models (*i.e.*, regression equations) for each enrolled CPP customer account, based on historical load data for the summer of 2008. The models assume that hourly loads are a function of weather data; time-based variables such as hour, day of week, and month; and program event information. The individual customer models allow the development of information on the distribution of load impacts across industry types and geographical regions, and analysis of incremental effects from automation and technology incentive programs.

After this introductory section, Section 2 describes the CPP rates, including the characteristics of the enrolled customer accounts; Section 3 discusses evaluation methodology; Section 4 presents ex post CPP load impacts; Section 5 present ex ante load impact forecasts; Section 6 provides a validity assessment; Section 7 offers recommendations; and Section 8 summarizes the opt-out analysis of SDG&E's default rate.

2. Description of Resources Covered in the Study

This section provides detail on the CPP rates, including the nature of the CPP prices, the characteristics of the participants enrolled in the programs, and the events called in 2008 (each utility's CPP rates are collectively referred to as that utility's "CPP program").

[9] Previous evaluations of these CPP programs are listed in the References section.

2.1 CPP rates

This section describes the CPP rates offered by the three utilities in 2008. Prior to 2008, all of the utilities' CPP rates were voluntary, "opt-in" rates. However, beginning in May 2008, SDG&E implemented a default CPP tariff with an "opt-out" provision, and began transitioning previous volunteers onto the new default rate. SCE has proposed a default opt-out CPP rate to be implemented in late 2009, and PG&E has proposed a default CPP tariff referred to as Peak Day Pricing that will be phased in for large C&I customers in 2010, and for large Agricultural and medium and small C&I customers in 2011, after each customer has had an interval meter for 12 months.

The utilities' voluntary CPP rates have similar structures, but differ in terms of price levels, customer eligibility, hours of application, number of events that may be called, and months of applicability. PG&E's CPP rate is tied to customers' otherwise applicable tariff (*e.g.*, it provides *credits* during non-CPP on-peak and part-peak hours, and *charges* during event hours on CPP days), and thus takes on different values for different rate classes. The rate has a moderate price for the first three hours and a higher price for the last three hours of the six-hour event period.

SDG&E's default CPP also takes on different values for different rate classes. The default CPP rate is a commodity only rate and customers pay all non-commodity charges according to their otherwise applicable tariff. Customers on SDG&E's default CPP are allowed to pay a monthly capacity reservation charge that limits their exposure to CPP on event days.

SCE offers two CPP tariffs. One, CPP – Volumetric Charge Discount ("CPP-VCD"), is of similar structure to the other utilities. The other, CPP – Generation Capacity Charge Discount ("CPP-GCCD"), is aimed at large (> 500 kW) customers, and involves a single high CPP price for the entire six-hour critical period on event days in return for a discounted summer on-peak demand charge.

As noted above, SDG&E implemented a default CPP tariff ("CPP-D") in 2008, which will become the default rate for non-residential bundled customers with maximum demand of 200 kW or greater. It has an opt-out provision that allows customers to return to a TOU rate, and also offers a Capacity Reservation Charge ("CRC") option that allows customers to "reserve" a specific amount of energy that is not subject to CPP prices by paying a monthly demand charge for the selected capacity amount. SDG&E also offers an optional CPP – Emergency ("CPP-E") tariff, in which CPP events may be called on 30 minutes advance notice, and a voluntary CPP rate ("CPP-V"), of similar design to the other utilities, but which is now closed to new enrollment.

2.2 Participant characteristics

In order to assess differences in load impacts across customer types, the program participants were categorized according to eight industry types. The industry groups are defined as follows (with the applicable two-digit NAICS codes):[10]

1. Agriculture, Mining & Construction: 11, 21, 23
2. Manufacturing: 31-33
3. Wholesale, Transport, other Utilities: 22, 42, 48-49
4. Retail stores: 44-45
5. Offices, Hotels, Finance, Services: 51-56, 62, 72
6. Schools: 61
7. Institutional/Government: 71, 81, 92
8. Other or unknown

In addition, each utility provided information regarding the CAISO local capacity area (LCA) in which each customer is located.[11]

The following sets of tables summarize the characteristics of the participating customer accounts, including industry type, size (using the sum of enrolled customers' individual maximum demands) and LCA. Table 2.1 shows CPP enrollment by industry group for PG&E. Enrollment in PG&E's current CPP program for large non-residential customers expanded from 337 customer service accounts[12] in 2006 and 656 accounts in 2007, to 760 accounts in 2008. Total CPP load, represented by the sum of enrolled customers' individual maximum demands, amounted to 481 MW. The Manufacturing; Offices, Hotels, Finance and Services; and Schools industry groups made up the bulk of PG&E's CPP enrollment.

Table 2.1: CPP Enrollees by Industry Group – *PG&E*

Industry type	Count	Sum of Max kW	Sum of Mean kWh	% of Max kW	Ave. Size (kW)
1. Ag., Mining, Constr.	47	23,000	15,505	5%	489
2. Manufacturing	190	162,475	153,942	34%	855
3. Whole., Trans., Util.	79	43,235	35,516	9%	547
4. Retail	43	14,587	11,256	3%	339
5. Offices, Hotels, Services	144	117,028	115,534	24%	813
6. Schools	210	84,478	50,051	18%	402
7. Instit. & Govt.	47	36,202	28,864	8%	770
TOTAL	760	481,004	410,670		633

[10] SCE provided SIC codes in place of NAICS codes. The industry groups were therefore defined according the following SIC codes: 1 = under 2000; 2 = 2000 to 3999; 3 = 4000 to 5199; 4 = 5200 to 5999; 5 = 6000 to 8199; 6 = 8200 to 8299; 7 = 8300 and higher.

[11] Some customers are located outside of the 10 CAISO-designated LCAs. These customers are grouped into separate categories for the purposes of this analysis.

[12] Some business "customers," such as a retail company like Wal-Mart, have multiple establishments, or "service accounts," within a utility service area. The enrollment numbers reported here count each service account separately.

Table 2.2 shows comparable information on CPP enrollment for SCE. SCE's enrollment expanded from just 15 customer accounts in 2006, to 44 in 2007, and 201 in 2008. Total maximum demand of those customers enrolled in CPP amounted to about 148 MW. Manufacturers made up the bulk of CPP enrollment.

Table 2.2: CPP Enrollees by Industry Group – *SCE*

Industry type	Count	Sum of Max kW	Sum of Mean kWh	% of Max kW	Ave. Size (kW)
1. Ag., Mining, Constr.	11	7,529	2,257	5%	684
2. Manufacturing	102	85,904	37,900	58%	842
3. Whole., Trans., Util.	19	16,880	9,891	11%	888
4. Retail	11	6,143	2,706	4%	558
5. Offices, hotels, services	29	15,429	5,350	10%	532
6. Schools	27	15,000	6,262	10%	556
7. Instit. & Govt.	2	938	255	1%	469
TOTAL	201	147,823	64,620		735

Tables 2.3 and 2.4 show CPP enrollment by local capacity area for PG&E and SCE respectively.

Table 2.3: CPP Enrollees by Local Capacity Area – *PG&E*

Local Capacity Area	Count	Sum of Max kW	% of Max kW	Ave. Size (kW)
1 Greater Bay Area	397	287,475	60%	724
2 Greater Fresno	111	50,743	11%	457
3 Humboldt	14	4,012	1%	287
4 Kern	24	16,759	3%	698
5 Northern Coast	58	30,155	6%	520
6 Sierra	37	17,897	4%	484
7 Stockton	14	10,261	2%	733
8 Other	105	63,702	13%	607
Total	760	481,004		633

Table 2.4: CPP Enrollees by Local Capacity Area – *SCE*

Local Capacity Area	Count	Sum of Max kW	% of Max kW	Ave. Size (kW)
LA Basin	173	126,168	85%	729
Outside LA Basin	10	8,479	6%	848
Ventura	12	8,086	5%	674
Other	6	5,090	3%	848
TOTAL	201	147,823		735

Enrollment in SDG&E's CPP tariffs is described in Section 7, in the context of the analysis of customers' opt-out behavior.

2.3 Program events

Table 2.5 lists PG&E's eleven CPP event days and SCE's twelve CPP events.[13] The two utilities generally called events on different days. PG&E's events started earlier in the summer, and the two programs overlapped on one July day and three days in late August.

Table 2.5: PG&E and SCE CPP Events – 2008

Date	Day of Week	PG&E Event Number	SCE Event Number
5/15/2008	Thursday	1	
5/16/2008	Friday	2	
6/20/2008	Friday	3	
7/7/2008	Monday	4	
7/8/2008	Tuesday	5	
7/9/2008	Wednesday	6	1
7/10/2008	Thursday		2
7/21/2008	Monday		3
8/1/2008	Friday		4
8/5/2008	Tuesday		5
8/6/2008	Wednesday		6
8/11/2008	Monday		7
8/12/2008	Tuesday		8
8/14/2008	Thursday	7	
8/27/2008	Wednesday	8	9
8/28/2008	Thursday	9	10
8/29/2008	Friday	10	11
9/3/2008	Wednesday		12
9/4/2008	Thursday	11	

3. Ex-Post Evaluation Methodology

Direct estimates of total program-level ex post load impacts for each utility's CPP program were developed from the coefficients of individual customer regression equations. These equations were estimated for each customer account using interval load data from 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.[14]

[13] There were twelve PG&E CPP events called in 2008, but one of those events was cancelled and therefore only eleven events are analyzed in this report.

[14] An important but relatively minor factor that required attention with the interval load data was the issue of accounting for the change from standard time to daylight savings time. Each of the utilities used somewhat different conventions in maintaining their load data. SCE in particular leaves its data in standard time throughout the year. This simplifies the problem of dealing with two special days of either 23 or 25 hours, but requires the analyst to adjust the data to ensure consistency with the definition of specific event hours during the summer period.

3.1 Primary regression equation specifications

The regression equations were based on models of hourly loads as functions of a list of variables designed to control for factors that affect consumers' hourly usage levels, 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 cooling degree-days (CDD))
- Event indicators—Hourly indicator variables interacted with event indicators, in order to provide estimates of the hourly load impacts during each event.

Two different types of models were run. The primary model that was used for the majority of the customers is shown below.

$$Q_t = a + \sum_{Evt=1}^{E}\sum_{i=1}^{24}(b_{i,Evt}^{CPP} \times h_{i,t} \times CPP_t) + b_t^{MornLoad} \times MornLoad_t + \sum_{i=1}^{24}(b_i^{CDD} \times h_{i,t} \times CDD_t)$$
$$+ \sum_{i=2}^{24}(b_i^{MON} \times h_{i,t} \times MON_t) + \sum_{i=2}^{24}(b_i^{FRI} \times h_{i,t} \times FRI_t) + \sum_{i=2}^{24}(b_i^{h} \times h_{i,t}) + \sum_{i=2}^{5}(b_i^{DTYPE} \times DTYPE_{i,t})$$
$$+ \sum_{i=6}^{10}(b_i^{MONTH} \times MONTH_{i,t}) + e_t$$

In this equation, Q_t represents the hourly demand for a customer enrolled in the CPP prior to the last event date; the b's are estimated parameters; $h_{i,t}$ is a dummy variable for hour i; CPP_t is an indicator variable for program event days; CDD_t is cooling degree days;[15] E is the number of event days that occurred during the program year; $MornLoad_t$ is a variable equal to the average of the day's load in hours 1 through 10; 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 each month; 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.

The second type of CPP model, which is applied only to schools, is identical to the model above, except that it allows for a separate hourly load profiles and load level during the school year, which for PG&E is defined as dates prior to June 14th and dates after August 26th. Using a separate model allows different average load levels during periods in which schools are generally in session and out of session.

[15] Cooling degree days (CDD) was defined as MAX[0, (maxT + minT) / 2 – 65], where maxT is the maximum daily temperature in degrees Fahrenheit and minT is the minimum daily temperature. Customer-specific CDD values are calculated using data from the most appropriate weather station. The aggregate CDD value is the load-weighted average CDDs for the individual customers, where the load weights are the average summer maximum demands.

Separate models were estimated for each customer. The load impacts were aggregated across customers to arrive at program-level load impacts and results by industry group and local capacity area (LCA).

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, due to substantial day-to-day changes in consumers' hourly demands, which are not always easily explained by variables common to all customers. The uncertainty-adjusted load impacts are calculated by adding the customer-level variances (the square of the standard errors of the estimated load impact coefficients) and calculating the scenarios for each hour assuming normally distributed load impacts. (The covariance of the load impact across hours is not taken into account, hence the "n/a" reported for the daily uncertainty-adjusted load impacts.)

4. Detailed Ex-Post Evaluation Study Findings

The primary objective of this task was to estimate the aggregate and per-customer CPP event-day load impacts for each utility.[16] Each utility's section begins with a summary of *average hourly load impacts* by event, and by industry type and local capacity area for the average event. This is followed by tables of hourly load impacts for an *average event* (also referred to as a "typical event day") in the format required by the Load Impact Protocols adopted by the California Public Utilities Commission (CPUC) in Decision (D.) 08-04-050 ("the Protocols"), including risk-adjusted load impacts at different probability levels, and figures that illustrate ranges of load impacts. Assessments of the effect of TA/TI and AutoDR follow.

4.1 PG&E Ex Post Load Impacts

4.1.1 Average hourly load impacts

Aggregate CPP load impacts for PG&E were estimated on the basis of individual customer regression equations using data for all CPP participants. Table 4.1 summarizes the average hourly load impacts across all participants during the six-hour event periods for PG&E's eleven CPP event days in 2008. The table shows the average hourly *observed* load in the event period (column 2), the *estimated reference load* (column 1) and *load impact* (column 3), weighted average temperature and load impact as a *percent* of the reference load. The mean value across events of the average hourly load impacts is 19.3 MW, and load impacts range from 5.1 to 29.3 MW. The average percent load impact ranges from about 1.7 percent of the estimated reference load to 9 percent, and averages 5.7 percent.[17]

[16] The main body of the report focuses on aggregate program impacts. The full set of tables required by the Protocols, including load impacts by event day, industry group, and local capacity area, are provided separately in Excel files.

[17] Note that the percent load impacts for the event periods are calculated relative to the reference loads in those periods. These reference loads represent the coincident loads of the enrolled customers, and thus differ from the non-coincident maximum demand values shown in the tables of enrollment.

Table 4.1: Average Hourly CPP Load Impacts (kW) – *PG&E Event Days*

Event	Date	Day of Week	Estimated Reference Load (kW)	Observed Load (kW)	Estimated Load Impact (kW)	Wtd. Ave. Max Temp	% LI
1	5/15/2008	Thursday	360,510	334,345	26,165	96.0	7.3%
2	5/16/2008	Friday	355,256	330,277	24,979	95.3	7.0%
3	6/20/2008	Friday	325,344	296,537	28,807	98.8	8.9%
4	7/7/2008	Monday	296,168	280,568	15,600	90.5	5.3%
5	7/8/2008	Tuesday	323,995	299,698	24,297	95.6	7.5%
6	7/9/2008	Wednesday	323,652	294,376	29,276	91.5	9.0%
7	8/14/2008	Thursday	309,275	304,140	5,136	84.6	1.7%
8	8/27/2008	Wednesday	344,106	335,036	9,069	93.0	2.6%
9	8/28/2008	Thursday	363,086	345,646	17,441	96.4	4.8%
10	8/29/2008	Friday	350,866	330,181	20,685	93.2	5.9%
11	9/4/2008	Thursday	347,258	336,905	10,353	94.5	3.0%
Average			336,320	317,064	19,255	93.4	5.7%
Std. Dev.			21,974	22,171	8,358	3.8	2.5%

Table 4.2 shows the distribution of estimated load impacts (averaged across all event days), in levels and percentages, by industry group, as well as the percentage of overall load impacts provided by that industry group. The Manufacturing, and Offices, Hotels, Finance and Services industry types provided the largest share of the load impacts, while Retail stores provided the largest percentage load impacts.

Table 4.2: Average Hourly CPP Load Impacts (kW) – *by Industry Type (PG&E)*

Industry Group	Estimated Reference Load (kW)	Observed Load (kW)	Estimated Load Impact (kW)	Wtd. Ave. Max Temp	% LI
Agriculture, mining & construction	4,850	4,541	308	105.2	6.4%
Manufacturing	109,940	101,717	8,223	98.9	7.5%
Wholesale, transport , other utilities	20,056	19,021	1,034	98.5	5.2%
Retail stores	13,285	11,759	1,526	96.6	11.5%
Offices, hotels, finance, services	106,264	102,232	4,032	98.4	3.8%
Schools	55,801	52,873	2,928	101.5	5.2%
Institutional/government	26,124	24,921	1,203	97.4	4.6%
Total	336,320	317,064	19,255		5.7%

Table 4.3 shows the average load impact across all event days by LCA. Notice that the majority of the program's load impacts are in the Greater Bay Area.

Table 4.3: Average Hourly CPP Load Impacts (kW) – *by LCA (PG&E)*

Local Capacity Area	Estimated Reference Load (kW)	Observed Load (kW)	Estimated Load Impact (kW)	Wtd. Ave. Max Temp	% LI
Greater Bay Area	232,220	220,537	11,684	98.4	5.0%
Greater Fresno	27,615	26,352	1,264	109.0	4.6%
Humboldt	2,841	2,841	0	87.0	0.0%
Kern	9,904	9,699	205	108.0	2.1%
Northern Coast	20,277	18,545	1,732	103.0	8.5%
Not in any LCA	32,726	29,532	3,194	98.1	9.8%
Sierra	8,506	8,000	506	103.4	6.0%
Stockton	2,230	1,559	671	104.2	30.1%
Total	336,320	317,064	19,255		5.7%

4.1.2 Hourly load impacts

Tables 4.4a and 4.4b present hourly load impacts for the average event day at the overall program level, in the manner required by the Protocols. Table 4.4a shows aggregate results, while Table 4.4b shows the results on a per-customer basis. The average event-day reference load ranges from about 300 MW at the end of the event window to approximately 350 MW near the beginning of the event window. Hourly load impacts range from about 17 to 21.5 MW over the event period, or 4.8 to 6.3 percent of the reference load. The 10^{th} and 90^{th} percentile values range about 20 percent below and above the average load impact values.

Figure 4.1 illustrates the reference load, observed load, and estimated load impact (right axis) for the average CPP event. Figure 4.2 shows the range of hourly load impacts across events. Figures 4.3 and 4.4 illustrate the reference loads and load impacts for the two industry groups that provided the greatest load impacts—Manufacturing, and Offices, Hotels, Finance, and Services. The difference in the shape of the reference load profiles is apparent.

Table 4.4a: Aggregate CPP Hourly Load Impacts for Average Event Day in 2008 – *PG&E*

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	219,249	218,733	516	71	-2,922	-891	516	1,923	3,954
2	214,219	213,943	276	69	-3,162	-1,131	276	1,683	3,714
3	209,935	210,435	-500	68	-3,938	-1,907	-500	907	2,938
4	211,162	212,301	-1,139	67	-4,577	-2,546	-1,139	268	2,299
5	219,961	221,861	-1,899	66	-5,337	-3,306	-1,899	-493	1,539
6	239,308	241,120	-1,812	66	-5,250	-3,219	-1,812	-405	1,626
7	265,674	266,707	-1,033	66	-4,471	-2,440	-1,033	374	2,405
8	291,552	295,281	-3,729	68	-7,167	-5,136	-3,729	-2,323	-292
9	314,907	318,623	-3,716	73	-7,153	-5,122	-3,716	-2,309	-278
10	333,857	334,948	-1,091	77	-4,529	-2,498	-1,091	316	2,347
11	348,608	345,854	2,754	81	-684	1,347	2,754	4,161	6,192
12	353,894	347,832	6,062	85	2,624	4,655	6,062	7,469	9,500
13	350,470	333,781	16,689	89	13,251	15,282	16,689	18,096	20,127
14	356,296	336,030	20,267	91	16,829	18,860	20,267	21,673	23,704
15	353,776	333,448	20,328	93	16,890	18,921	20,328	21,734	23,766
16	338,514	317,029	21,485	93	18,047	20,078	21,485	22,891	24,923
17	318,968	299,110	19,857	93	16,419	18,450	19,857	21,264	23,295
18	299,894	282,988	16,906	91	13,469	15,500	16,906	18,313	20,344
19	283,061	274,204	8,857	88	5,419	7,451	8,857	10,264	12,295
20	274,168	268,309	5,859	85	2,421	4,452	5,859	7,266	9,297
21	265,189	261,318	3,871	80	433	2,464	3,871	5,278	7,309
22	254,759	251,359	3,399	77	-38	1,993	3,399	4,806	6,837
23	240,814	239,124	1,690	75	-1,748	283	1,690	3,097	5,128
24	229,878	229,235	643	74	-2,795	-764	643	2,049	4,080
	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	6,788,112	6,653,572	134,540	149.7	n/a	n/a	n/a	n/a	n/a

Table 4.4b: Per Customer CPP Hourly Load Impacts for Average Event Day in 2008 – *PG&E*

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	304	303	1	71	-4	-1	1	3	5
2	297	297	0	69	-4	-2	0	2	5
3	291	292	-1	68	-5	-3	-1	1	4
4	293	294	-2	67	-6	-4	-2	0	3
5	305	308	-3	66	-7	-5	-3	-1	2
6	332	334	-2	66	-7	-4	-2	-1	2
7	368	370	-1	66	-6	-3	-1	1	3
8	404	409	-5	68	-10	-7	-5	-3	0
9	436	442	-5	73	-10	-7	-5	-3	0
10	463	464	-1	77	-6	-3	-1	0	3
11	483	479	4	81	-1	2	4	6	9
12	490	482	8	85	4	6	8	10	13
13	486	463	23	89	18	21	23	25	28
14	494	466	28	91	23	26	28	30	33
15	490	462	28	93	23	26	28	30	33
16	469	439	30	93	25	28	30	32	34
17	442	415	27	93	23	26	27	29	32
18	416	392	23	91	19	21	23	25	28
19	392	380	12	88	7	10	12	14	17
20	380	372	8	85	3	6	8	10	13
21	368	362	5	80	1	3	5	7	10
22	353	348	5	77	0	3	5	7	9
23	334	332	2	75	-2	0	2	4	7
24	319	318	1	74	-4	-1	1	3	6

	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	9,409	9,223	186	149.7	n/a	n/a	n/a	n/a	n/a

Figure 4.1: CPP Total Load Impacts – Average Event Day in 2008 – *PG&E*

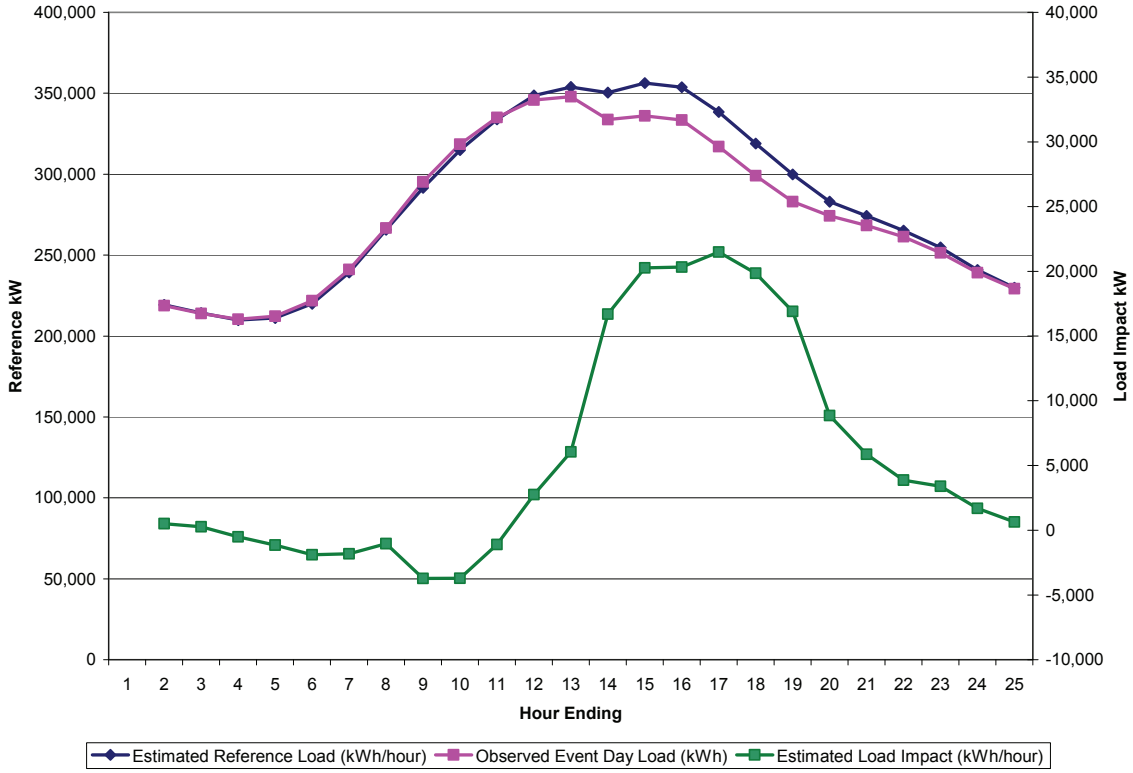


Figure 4.2: Hourly CPP Load Impacts, by Event – *PG&E*

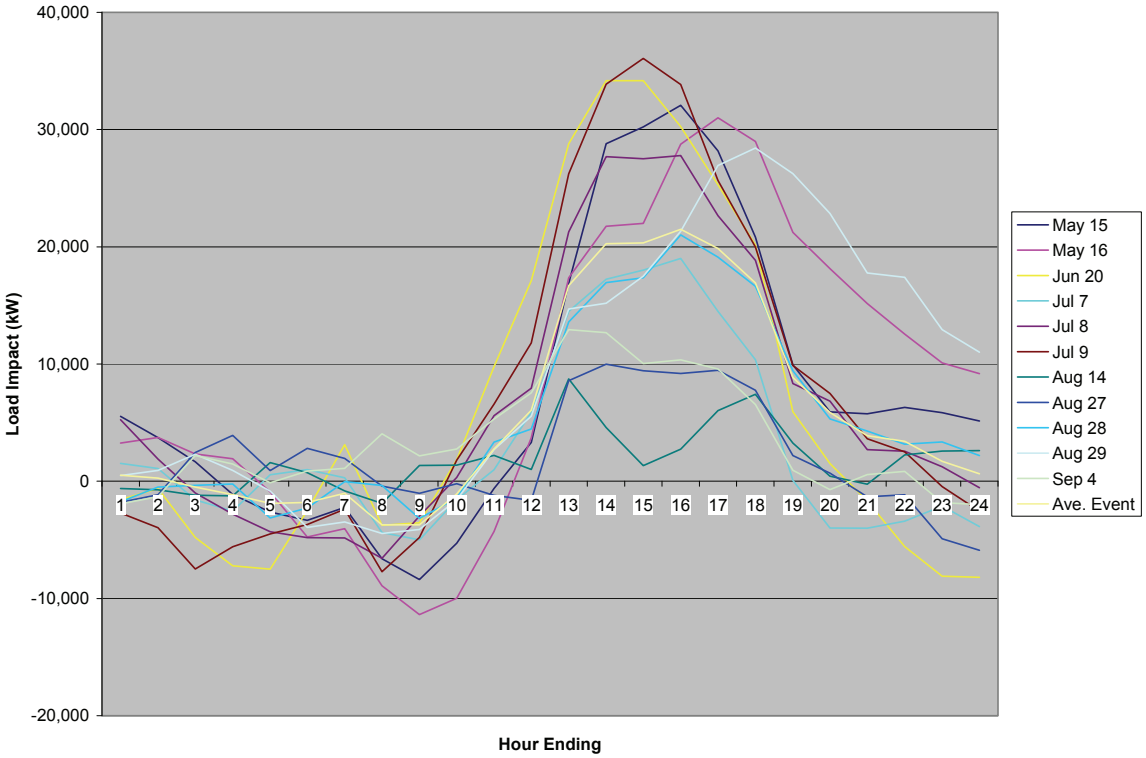


Figure 4.3: PG&E CPP Load Impacts – Average Event Day – *Manufacturing*

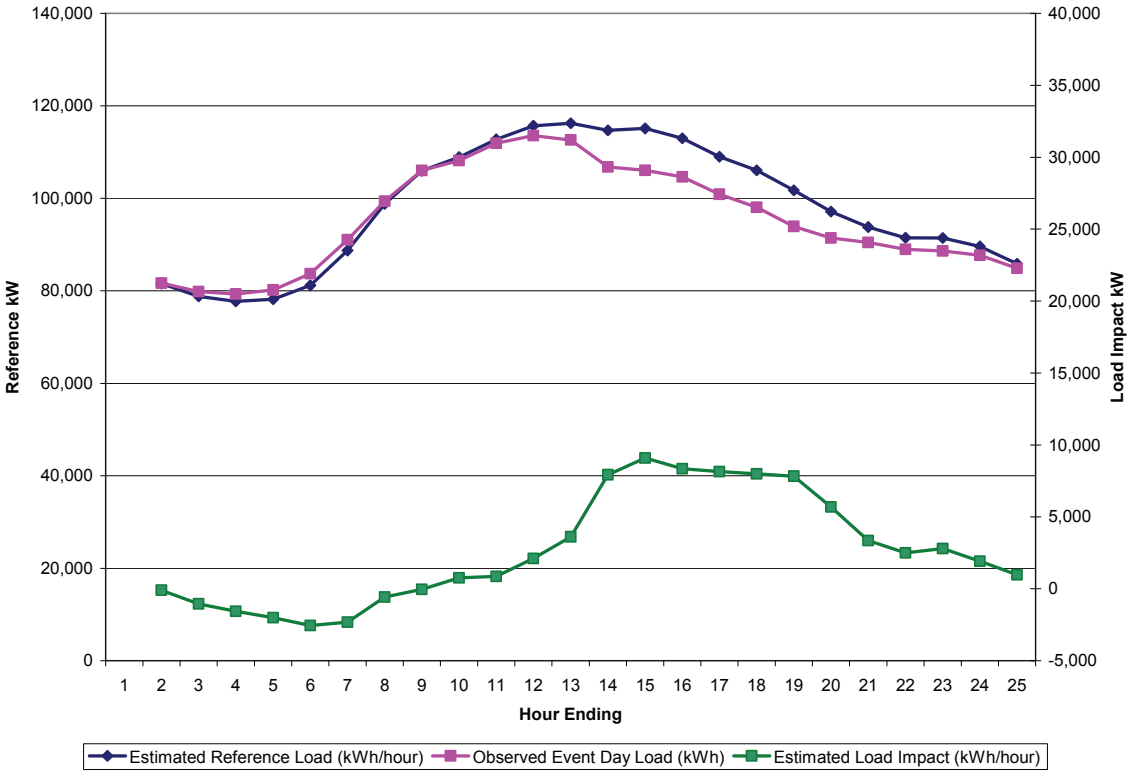
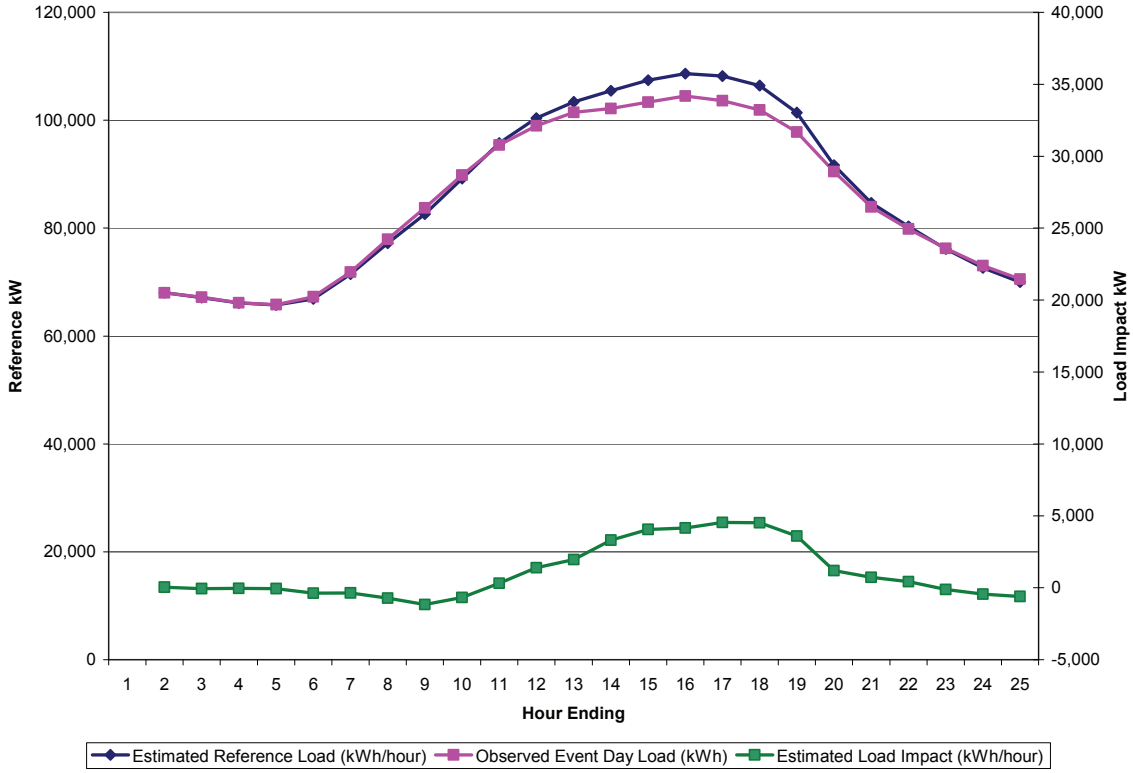


Figure 4.4: PG&E CPP Load Impacts – Average Event Day – *Offices, etc.*



4.1.3 Observed CPP loads

Selecting non-event days to illustrate CPP load impacts using observed data for the summer months of 2008 is complicated by the fact that events were called on nearly all of the highest load days for the enrolled CPP customers. This hampers the selection of "comparable" non-event days, and actually emphasizes the importance and power of the estimated regression models. However, examination of event-day and non-event day loads indicates certain common features. For example, event-day loads appear to increase more steeply than do loads on non-event days, likely due in part to more severe weather conditions and in part due to pre-event load increases (though the regression coefficients suggest that pre-event load increases are a relatively minor effect). Also, event-day loads drop relatively steeply between hours 12 and 13 (the first hour of CPP events), and maintain at a reduced level through the event period. Figure 4.5 shows all non-Monday event-day loads (wide lines) and a number of comparable non-event days.

Figure 4.5: PG&E Observed CPP Loads – *Non-Monday Events & Non-Events*

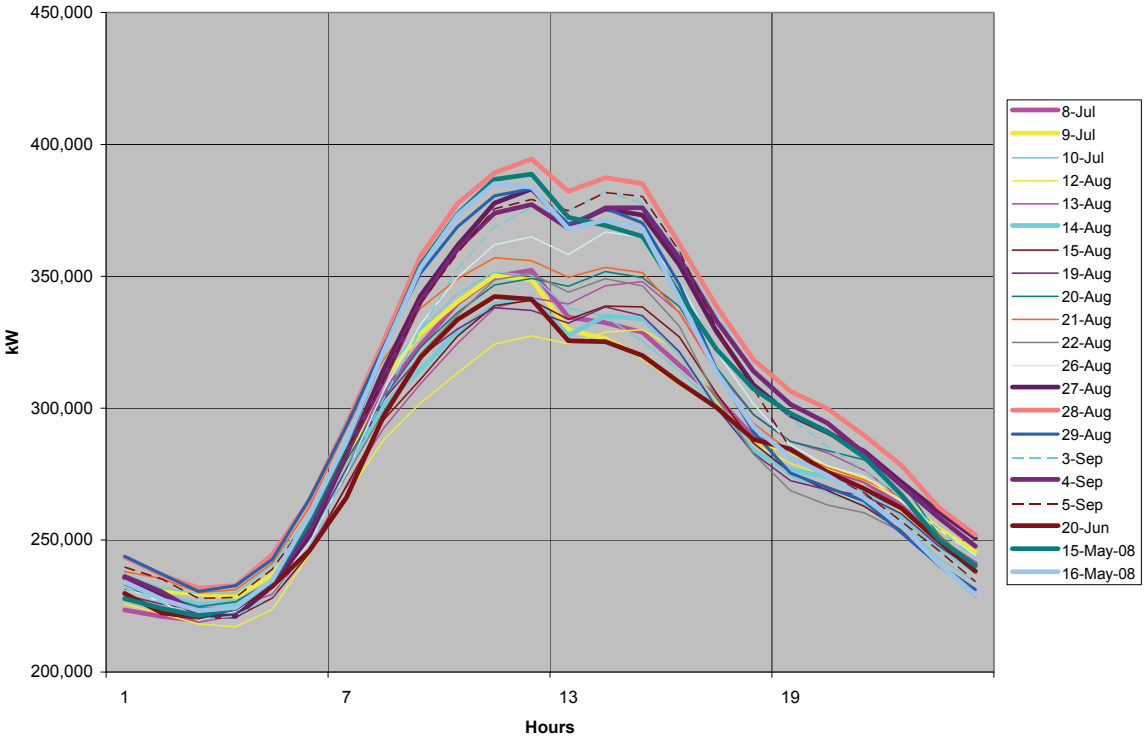


Figure 4.6 shows CPP loads for the July 8 and 9 events, for which average hourly load impacts of 24 and 29 MW were estimated, along with three non-event days of similar load levels. The CPP event-period load impacts are clear. Figure 4.7 shows the August 27-29 events, along with the load for August 26, and for an adjusted version of the August 26 load profile using the morning-hours usage on August 28 and 29 as the adjustment factor. No days comparable in load level to the August 28 event are available to serve as a proxy baseline load. However, the CPP load impacts, beginning with the steeper than normal drop in hour 13, are evident for all three event days.

Figure 4.6: PG&E Observed CPP Loads – *July 8 and 9 Events*

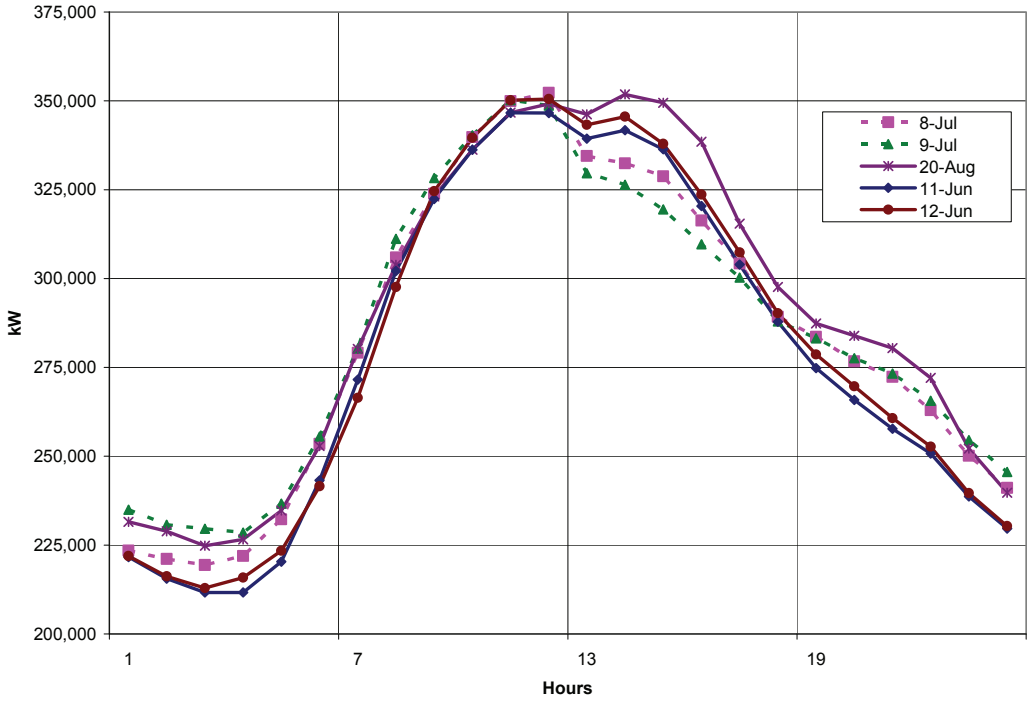
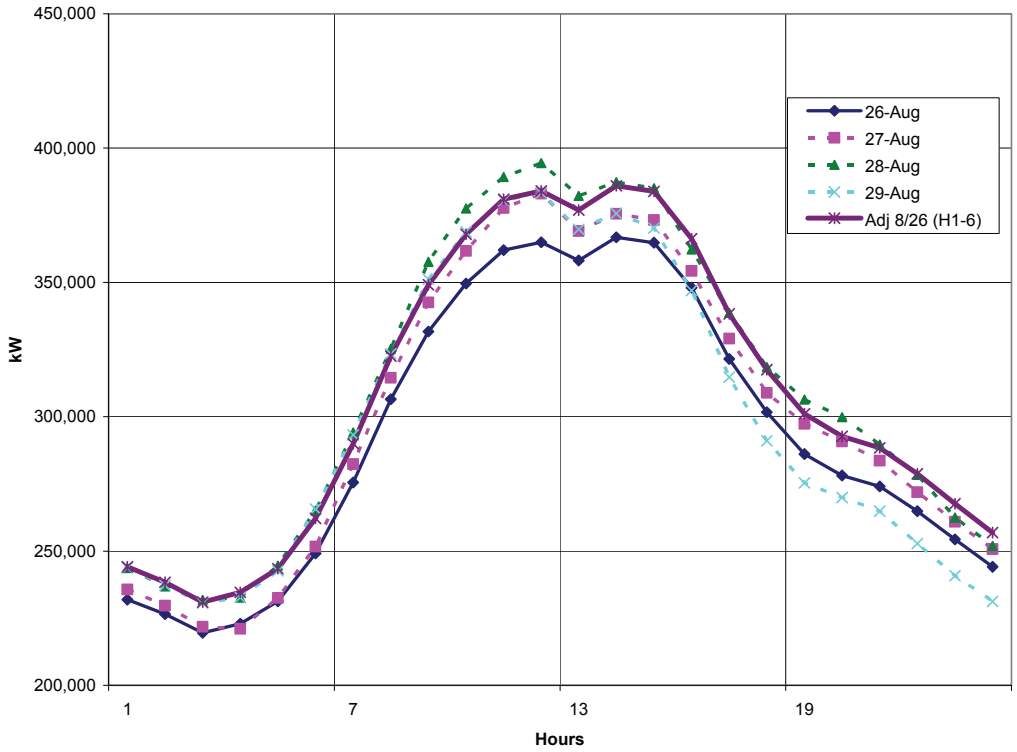


Figure 4.7: PG&E Observed CPP Loads – *August 27-29 Events*



4.2 SCE Ex Post Load Impacts

4.2.1 Average hourly load impacts

Table 4.5 summarizes the average hourly load impacts during the event period for SCE's twelve CPP event days in 2008. The load impacts are noticeably consistent across events, with an average hourly load reduction of about 15 MW, or about 22 percent of the CPP reference load.

Table 4.6 summarizes load impacts by industry type for the average event, while Table 4.7 presents load impacts by LCA. Manufacturing customers made up more than half of the total reference load and accounted for the bulk of the load impacts. Load impacts as a percent of the reference loads ranged from 4 percent for Schools to more than 50 percent for Wholesale, Transportation, and Other utilities. Nearly all of the load impacts were generated in the LA Basin.

Table 4.5: Average Hourly CPP Load Impacts (kW) – *SCE Event Days*

Event	Date	Day of Week	Estimated Reference Load (kW)	Observed Load (kW)	Estimated Load Impact (kW)	Wtd. Ave. Max Temp	% LI
1	7/9/2008	Wednesday	55,218	41,246	13,971	82.8	25.3%
2	7/10/2008	Thursday	56,012	40,679	15,332	82.4	27.4%
3	7/21/2008	Monday	55,756	41,494	14,261	83.3	25.6%
4	8/1/2008	Friday	53,163	37,405	15,758	86.5	29.6%
5	8/5/2008	Tuesday	59,623	43,322	16,301	87.7	27.3%
6	8/6/2008	Wednesday	59,891	44,823	15,068	89.0	25.2%
7	8/11/2008	Monday	56,710	40,566	16,143	84.2	28.5%
8	8/12/2008	Tuesday	58,384	42,202	16,182	85.0	27.7%
9	8/27/2008	Wednesday	67,779	51,303	16,476	85.5	24.3%
10	8/28/2008	Thursday	68,515	51,821	16,694	84.1	24.4%
11	8/29/2008	Friday	61,791	47,933	13,859	87.3	22.4%
12	9/3/2008	Wednesday	66,599	51,685	14,914	90.3	22.4%
Average			59,953	44,540	15,413	85.6	25.7%
Std. Dev.			5,195	4,955	1,000	2.5	2.3%

Table 4.6: Average Hourly CPP Load Impacts (kW) – *by Industry Type* (SCE)

Industry Group	Estimated Reference Load (kW)	Observed Load (kW)	Estimated Load Impact (kW)	Wtd. Ave. Max Temp	% LI
Agriculture, mining & construction	1,857	1,411	447	94.9	24.1%
Manufacturing	37,832	26,190	11,642	90.4	30.8%
Wholesale, transport , other utilities	4,184	1,948	2,236	84.4	53.4%
Retail stores	2,649	2,365	284	92.2	10.7%
Offices, hotels, finance, services	6,519	6,150	369	95.0	5.7%
Schools	6,631	6,352	278	93.1	4.2%
Institutional/government	281	124	157	91.9	55.9%
Total	59,953	44,540	15,413		25.7%

Table 4.7: Average Hourly CPP Load Impacts (kW) – *by LCA* (SCE)

Local Capacity Area	Estimated Reference Load (kW)	Observed Load (kW)	Estimated Load Impact (kW)	Wtd. Ave. Max Temp	% LI
LA Basin	54,427	39,657	14,771	90.3	27.1%
Not in Any LCA	980	596	384	92.2	39.2%
Outside LA Basin	2,309	2,146	163	103.1	7.1%
Ventura	2,238	2,142	96	92.8	4.3%
Total	59,953	44,540	15,413		25.7%

4.2.2 Hourly load impacts

Tables 4.8a and 4.8b summarize the hourly load impacts for the average CPP event (*e.g.*, averaged over all individual events) on an aggregate and per-customer basis, respectively. The hourly average event-day load impacts ranged from 19 MW in the first two hours of the event period to 11 MW in the last hour. The load impacts represent percentages of the reference load ranging from about 27 percent in the first three event hours to 22 percent in

the last hour. The 10th and 90th percentile load impacts range from 11 to 19 percent around the average load impact, with the values increasing toward the end of the event period.

Table 4.8a: Aggregate CPP Total Load Impacts for Average Event Day – *SCE*

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	50,485	51,585	-1,100	67	-3,143	-1,936	-1,100	-264	943
2	48,536	50,114	-1,578	66	-3,620	-2,413	-1,578	-742	464
3	46,625	48,571	-1,946	66	-3,988	-2,782	-1,946	-1,111	96
4	48,160	51,174	-3,014	65	-5,056	-3,850	-3,014	-2,179	-972
5	54,097	57,699	-3,602	65	-5,644	-4,438	-3,602	-2,767	-1,560
6	64,185	66,946	-2,761	65	-4,803	-3,597	-2,761	-1,926	-719
7	73,590	75,573	-1,983	65	-4,025	-2,818	-1,983	-1,147	59
8	78,330	79,743	-1,413	67	-3,455	-2,248	-1,413	-577	629
9	79,739	79,787	-48	70	-2,090	-883	-48	788	1,995
10	80,993	81,266	-273	73	-2,315	-1,109	-273	562	1,769
11	81,478	81,189	290	77	-1,753	-546	290	1,125	2,332
12	75,421	70,000	5,421	80	3,379	4,586	5,421	6,257	7,463
13	69,175	50,187	18,988	82	16,945	18,152	18,988	19,824	21,031
14	68,000	48,910	19,089	84	17,047	18,254	19,089	19,925	21,132
15	62,582	46,270	16,312	85	14,270	15,476	16,312	17,148	18,355
16	56,801	42,675	14,126	86	12,083	13,290	14,126	14,961	16,168
17	53,062	40,101	12,960	85	10,918	12,125	12,960	13,796	15,003
18	50,101	39,096	11,005	83	8,962	10,169	11,005	11,840	13,047
19	54,138	50,774	3,364	81	1,321	2,528	3,364	4,200	5,407
20	59,556	59,234	322	77	-1,721	-514	322	1,158	2,365
21	59,595	60,415	-820	74	-2,862	-1,656	-820	15	1,222
22	57,732	59,031	-1,299	72	-3,341	-2,134	-1,299	-463	743
23	54,277	55,840	-1,563	71	-3,605	-2,399	-1,563	-728	479
24	52,019	53,604	-1,586	69	-3,628	-2,421	-1,586	-750	456

	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	1,478,676	1,399,785	78,891	69.8	n/a	n/a	n/a	n/a	n/a

Table 4.8b: Per Customer CPP Total Load Impacts for Average Event Day – *SCE*

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	280	286	-6	67	-17	-11	-6	-1	5
2	269	278	-9	66	-20	-13	-9	-4	3
3	259	270	-11	66	-22	-15	-11	-6	1
4	267	284	-17	65	-28	-21	-17	-12	-5
5	300	320	-20	65	-31	-25	-20	-15	-9
6	356	372	-15	65	-27	-20	-15	-11	-4
7	408	419	-11	65	-22	-16	-11	-6	0
8	435	443	-8	67	-19	-12	-8	-3	3
9	443	443	0	70	-12	-5	0	4	11
10	450	451	-2	73	-13	-6	-2	3	10
11	452	451	2	77	-10	-3	2	6	13
12	419	389	30	80	19	25	30	35	41
13	384	279	105	82	94	101	105	110	117
14	377	271	106	84	95	101	106	111	117
15	347	257	91	85	79	86	91	95	102
16	315	237	78	86	67	74	78	83	90
17	295	223	72	85	61	67	72	77	83
18	278	217	61	83	50	56	61	66	72
19	300	282	19	81	7	14	19	23	30
20	331	329	2	77	-10	-3	2	6	13
21	331	335	-5	74	-16	-9	-5	0	7
22	320	328	-7	72	-19	-12	-7	-3	4
23	301	310	-9	71	-20	-13	-9	-4	3
24	289	298	-9	69	-20	-13	-9	-4	3

	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	8,207	7,769	438	69.8	n/a	n/a	n/a	n/a	n/a

Figure 4.8 illustrates the pattern of the reference load, actual load, and load impacts for the average event day, showing the decline in hourly load impacts over the event period. Figure 4.9 shows the rather tight range of estimated load impacts across events. Figure 4.10 shows the reference load and load impact for the industry group that provides the bulk of the load impacts—Manufacturing.

Figure 4.8: Total CPP Load Impacts – Average Event in 2008 – *SCE*

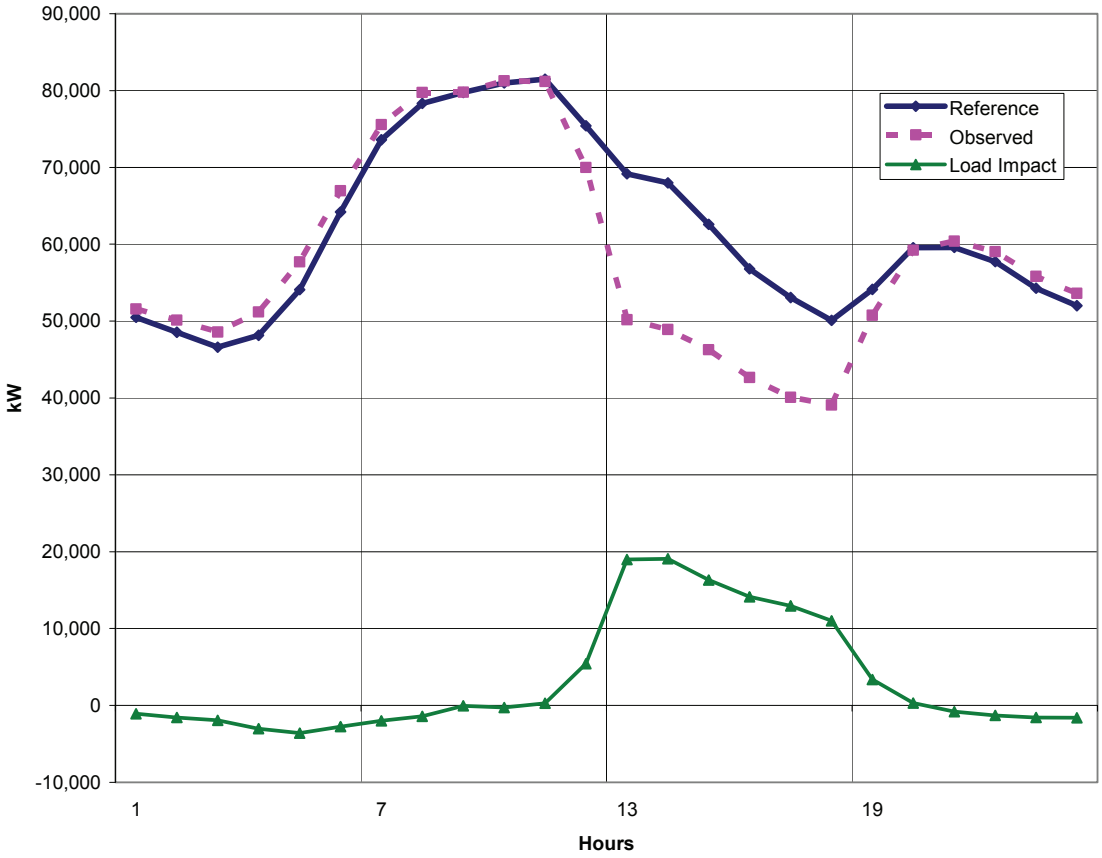


Figure 4.9: Hourly CPP Load Impacts, by Event – *SCE*

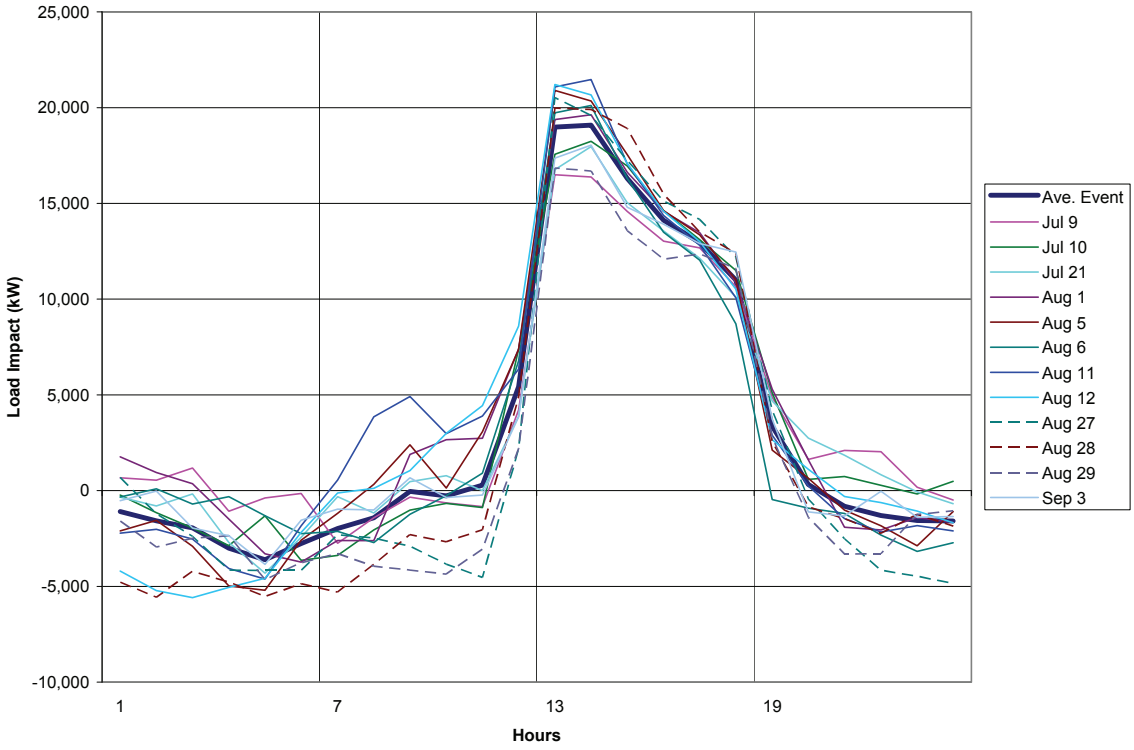
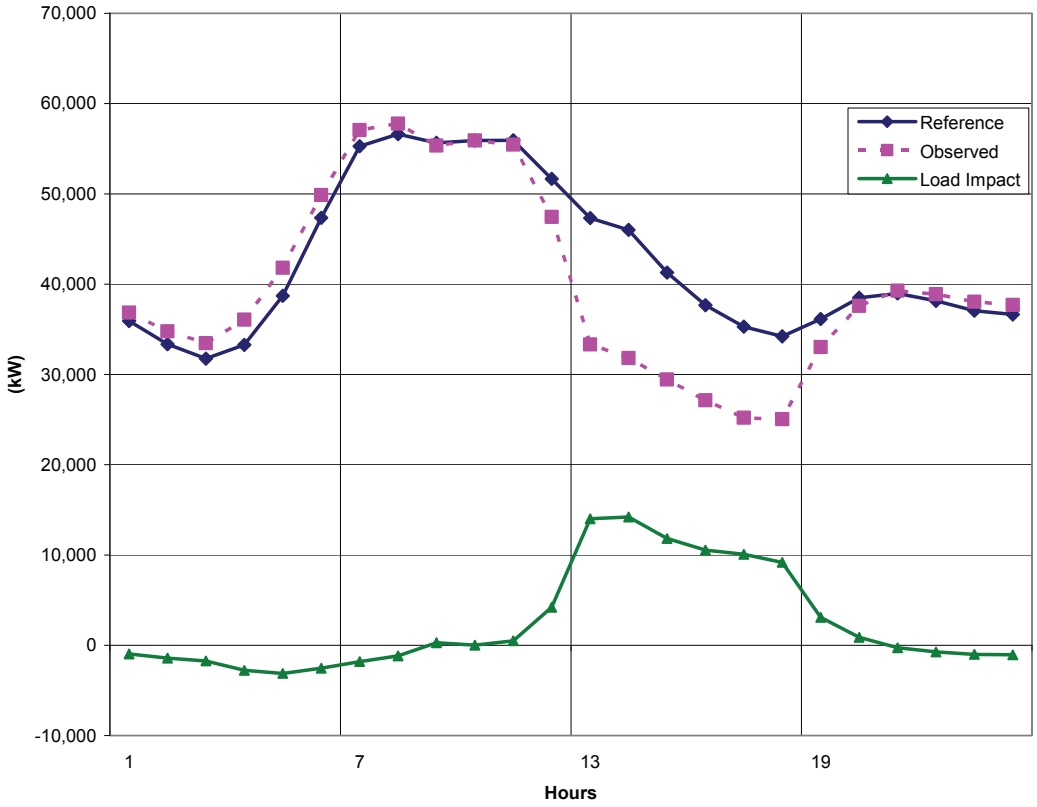


Figure 4.10: SCE CPP Load Impacts – Average Event Day – *Manufacturing*



4.2.3 Observed CPP loads

Figures 4.11 and 4.12 show SCE CPP customers' loads for two July events and three August events, respectively. Minor variability in the loads may be seen, but the consistent load impacts relative to nearby average non-event days are clearly evident.

Figure 4.11: SCE Observed CPP Loads – *July 9 and 10 Events*

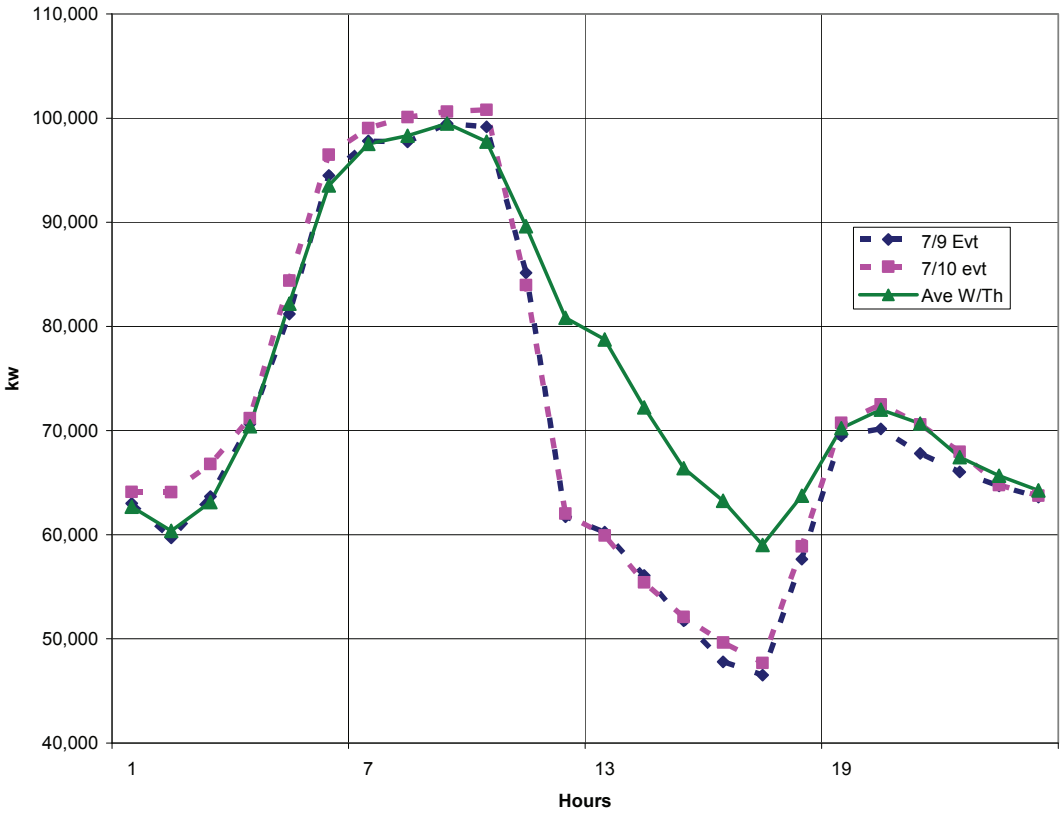
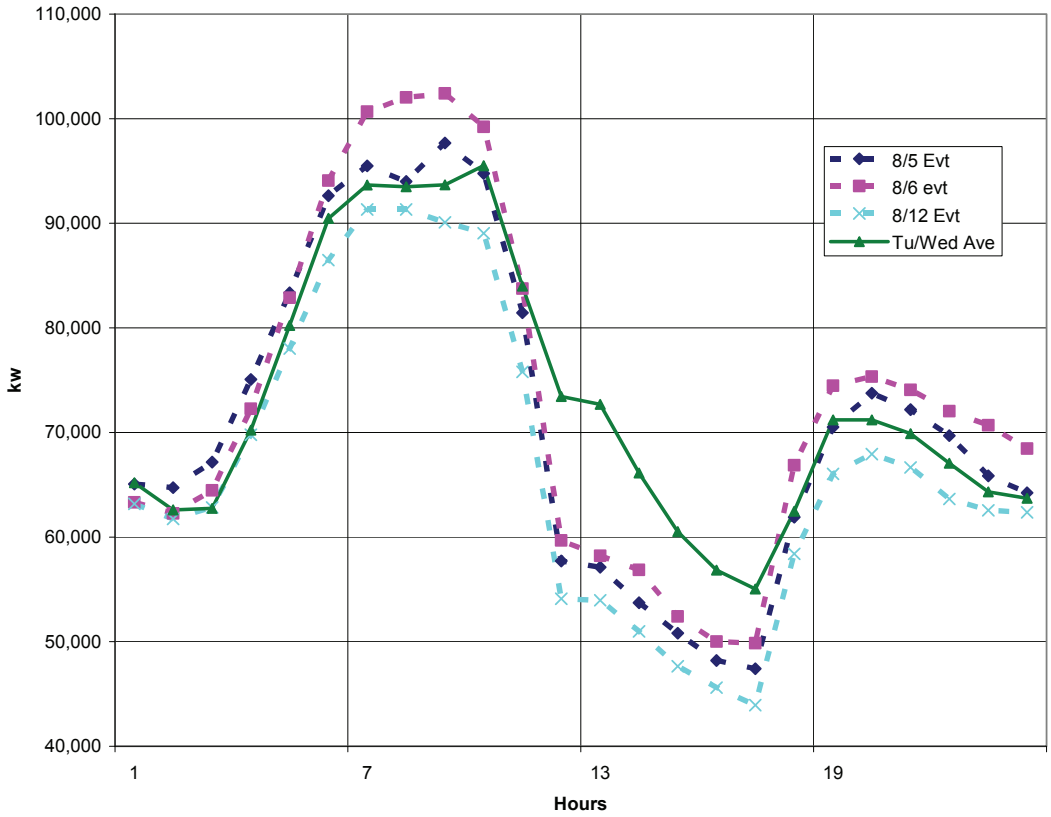


Figure 4.12: SCE Observed CPP Loads – *August 5, 6 and 12 Events*



4.3 Effect of TA/TI and AutoDR on Load Impacts

In order to examine the effect of the TA/TI and AutoDR incentive programs on load impacts, we conducted a "meta-analysis" that attempted to determine the drivers of differences in the estimated load impacts across customers and events.

The TA/TI program has two parts: technical assistance (TA) in the form of energy audits, and technology incentives (TI). The objective of the TA portion of the program is to subsidize customer energy audits so that they can identify ways to participate in DR. The TI portion of the program then provides incentive payments for the installation of equipment or control software supporting DR.

The AutoDR program helps customers to activate DR strategies, such as managing lighting in heating, ventilation, and air conditioning (HVAC) systems, whereby electrical usage can be automatically reduced or even eliminated during times of high electricity prices or electricity system emergencies.

Each observation within the database used for this analysis represents a service account's average percentage load response during each event. Specifically, the dependent variable is calculated by averaging the event-hour load impact coefficients from the service

account-specific regression models and dividing the result by the estimated average reference load for each service account and event. The average reference load is calculated by adding the average estimated load impact back into the average observed load in the event hours. To prevent the results from being driven by outliers, we restricted the analysis to include only percentage changes in load in the range of -100 to +100 percent.[18]

The explanatory variables in this analysis included the following:

- *Industry group indicator variables*: these variables provide estimates of the difference in load impacts by industry group.
- *Average usage*: this variable provides an estimate of whether percentage load impacts differ with the size of the service accounts. The variable is equal to the average hourly usage during non-holiday weekdays of program months.
- *TA/TI indicator variable*: this variable provides an estimate of the difference in load response for service accounts who participated in the TA/TI technology incentives program.
- *AutoDR indicator variable*: this variable provides an estimate of the difference in load response for service accounts with AutoDR technology in place.

In the sub-sections below, we present the results of the analyses.

PG&E

Table 4.9 summarizes the number of service accounts by industry group for TA/TI and AutoDR. Table 4.10 provides the distribution of TA/TI and AutoDR service accounts by event day.

Table 4.9: TA/TI and AutoDR Participation by Industry Group – *PG&E*

Industry Group	Number of TA/TI Service Accounts	Number of AutoDR Service Accounts
1. Ag., Mining, Constr.	0	0
2. Manufacturing	4	10
3. Whole., Trans., Util.	0	1
4. Retail	0	5
5. Offices, hotels, services	3	7
6. Schools	0	2
7. Institutional/Government	0	3
Total	**7**	**28**

[18] A value of this magnitude might occur, for example, in a case where a service account's observed load during an event is very low, and the estimated load reduction is also small, and likely not significant. Such extreme observations provide little meaningful information on typical load impacts.

Table 4.10: TA/TI and AutoDR Participation by Event Day – *PG&E*

Event Date	Number of TA/TI Service Accounts	Number of AutoDR Service Accounts
May 15, 2008	5	28
May 16, 2008	5	28
June 20, 2008	5	28
July 7, 2008	5	28
July 8, 2008	5	28
July 9, 2008	5	28
August 14, 2008	10	28
August 27, 2008	10	28
August 28, 2008	10	28
August 29, 2008	10	28
September 4, 2008	10	28

As Table 4.9 shows, 7 TA/TI service accounts and 28 AutoDR service accounts participated in at least one CPP event in 2008. The TA/TI sample is relatively small, which is perhaps reflected in the regression results that show TA/TI *reducing* load impacts by 9.1 percentage points. (The *total* response for TA/TI service accounts was a load reduction of 2.2 percent of their average event-hour reference load.) This finding is very likely due to omitted variable bias. That is, we can control for industry group and size, but there are other factors for which we cannot control. For example, it could be the case that prior to participating in TA/TI, the service accounts in this sample were substantially less responsive than the average customer in their industry group, and the TA/TI brought them closer to the industry average level of responsiveness. However, the TA/TI service accounts in our sample did not participate in CPP prior to participating in TA/TI, so we have no means of assessing the validity of this hypothesis. In addition, we sometimes have customers with multiple accounts for which some have TA/TI and others do not. A comparison of the load impacts across the two types of accounts provides a good estimate of the effect of TA/TI. However, in this case, we have no such customers, further preventing us from assessing the validity of our regression result. On account of the small sample size and potential omitted variable bias, readers should not use the TA/TI results presented here for further extrapolation.

In contrast, AutoDR was estimated to improve CPP load response by an average of 10.7 percentage points, and this result was highly statistically significant. For example, the findings indicate that a manufacturing service account without AutoDR reduces load by 11.3 percent during a CPP event, while a manufacturing service account with AutoDR reduces load by 22 percent. The overall average load reduction for the AutoDR service accounts was 15.6 percent of their average event-hour reference load.

SCE

Table 4.11 summarizes the number of service accounts by industry group for TA/TI and AutoDR at SCE. Table 4.12 provides the distribution of TA/TI and AutoDR service accounts by event day.

Table 4.11: TA/TI and AutoDR Participation by Industry Group – *SCE*

Industry Group	Number of TA/TI Service Accounts	Number of AutoDR Service Accounts
1. Ag., Mining, Constr.	0	0
2. Manufacturing	2	0
3. Whole., Trans., Util.	0	0
4. Retail	0	1
5. Offices, hotels, services	0	0
6. Schools	0	0
7. Institutional/Government	0	0
Total	**2**	**1**

Table 4.12: TA/TI and AutoDR Participation by Event Day – *SCE*

Event Date	Number of TA/TI Service Accounts	Number of AutoDR Service Accounts
July 9, 2008	2	1
July 10, 2008	2	1
July 21, 2008	2	1
August 1, 2008	2	1
August 5, 2008	2	1
August 6, 2008	2	1
August 11, 2008	2	1
August 12, 2008	2	1
August 27, 2008	2	1
August 28, 2008	2	1
August 29, 2008	2	1
September 3, 2008	2	1

As shown in Table 4.12, very few service accounts had TA/TI or AutoDR in place during the 2008 program year. Specifically, only two service accounts had TA/TI in place and only one service account had AutoDR in place during 2008. These small sample size raise concerns about the ability to reach general conclusions from the results presented here.

For these service accounts, we found that the TA/TI improved load response by 8.6 percentage points, though this result is not statistically significant. The overall load reduction for the TA/TI service accounts was 43.4 percent of their average event-hour reference load.

For AutoDR, we found an improvement in load response of 28.7 percentage points. While this result is statistically significant, it is only based on the behavior of a single service account. The overall load reduction for the AutoDR customer was 37 percent of its average event-hour reference load.

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 voluntary (where appropriate) and default non-residential CPP (now referred to as Peak Day Pricing, or PDP at PG&E) programs offered by PG&E, SCE, and SDG&E. 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. 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 LCA based on information provided by the utilities. The three size groups were the following:

- Small – maximum demand less than 20 kW;

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

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 per-customer reference loads by cell
3. Calculate forecast percentage load impacts by cell
4. Apply percentage load impacts to per-customer reference loads
5. Scale per-customer reference loads using enrollment forecasts

Each of these steps is described below.

Define data sources
Historically, non-residential CPP has been a voluntary program. In 2008, SDG&E transitioned to a default CPP program, which will occur for PG&E and SCE in 2010. This transition produced two analytical issues to resolve.

First, the source of the load impact data needed to be determined. Because SDG&E did not call any CPP events in 2008, no information exists regarding the price responsiveness of default CPP customers. This limited the analysis to adapting estimates of load impacts for voluntary CPP customers. For SDG&E, price elasticities were developed from the 2007 ex post load impacts of its voluntary CPP program.

SCE's analysis was further complicated by the fact that its voluntary CPP program has been relatively small, with 201 enrolled customer accounts during 2008. The nature of the load profiles and magnitude of the ex post load impacts suggest that these customers are not representative of the customers expected to remain on the default CPP program in the future. For example, SCE's voluntary CPP program contains a disproportionate share of water utilities, which are highly price responsive compared to the general population of C&I customers. To mitigate this issue of assigning appropriate elasticities to future default CPP customers, SCE's ex ante price elasticities were set to match the values used for SDG&E.

For PG&E, we based the price elasticity values on the ex post voluntary CPP load impacts of the relatively wide range of customer accounts enrolled in 2008.

The voluntary CPP programs generally did not include customers with demands less than 200 kW. However, load impacts for future default CPP programs were needed for small and medium-size customers. An appropriate source of price responsiveness values is the Statewide Pricing Pilot. FSC developed price elasticities for small and medium customers from the SPP results, as described below.

In addition to defining the sources of the load impacts, we needed to define the sources of the reference loads, since the types of customers on default CPP will differ from those that have enrolled in voluntary CPP historically. While SDG&E did not call any CPP events during 2008, the process of customer self-selection for opting out of default CPP did occur, providing us with a sample of load profiles that is representative of customers who remain on a default CPP rate (after one year or less on the rate). Therefore, we based SDG&E's reference loads on the customer accounts enrolled in default CPP during 2008.

For SCE and PG&E, we used the customers enrolled in their 2008 voluntary CPP programs as the basis for the ex ante CPP/PDP load profiles for large customers greater than 200 kW. The reference loads were scaled to correct for any differences in the *level* of the forecast reference loads between the historical voluntary and future default programs. For SCE, the scaling factor was the average summer maximum demand. For PG&E, the scaling factor was annual energy consumption. Separate scaling factors were developed for each size group / industry group / LCA cell. In addition, SCE's reference loads were modified by removing all but two of the water utilities in the current voluntary program, thus reducing the influence of that customer type on the ex ante reference loads for default CPP.

For customers under 200 kW, SDG&E developed load profiles for all small customers and by industry group for medium customers. PG&E's load profiles for small and medium customers were developed from the load research sample underlying the dynamic load profiles.

Simulate per-customer reference loads by cell
For each program, we estimated regression equations for each customer account (*i.e.*, default CPP customers for SDG&E, and voluntary CPP customers for SCE and PG&E), using data for 2008. The purpose of these equations was to provide the capability of simulating 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 estimated regression equations were

used to simulate reference loads for the average customer within each cell (defined by size, industry group, and LCA), for each of the required scenarios.

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 PG&E and SCE, we developed per-customer load profiles for all interactions of size group, industry group, and LCA. Because of small sample sizes, 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 was not an issue for SDG&E because its entire service territory is comprised of a single LCA.

Calculate forecast percentage load impacts by cell, customers over 200 kW
Using the historical ex post load impacts described in step 1, we calculated the percentage load impacts for a typical event for each industry group. These load impacts were converted to price elasticities using the historical tariff information. Specifically, we calculated own-price elasticity values for the event hours. The percentage quantity changes were taken from the ex post load impacts for the typical event day (comparing the reference load to the observed load). The percentage price changes were developed from the tariff by comparing the price during CPP event hours on event and non-event days. Demand charges were converted to "effective energy charges" by dividing the demand charge by the number of hours over which the demand may be established. For example, an all-hours demand charge is divided by 730 hours (the average number of hours in a month) to convert it to an energy price.

The critical-hour price elasticities were applied to the forecast CPP/PDP rates to determine the percentage load changes during the event hours. The scenarios of load impacts required for the uncertainty-adjusted load impacts were generated from the corresponding scenarios in the ex post load impacts. That is, scenario-specific price elasticities were developed from the 10^{th}, 30^{th}, 50^{th}, 70^{th}, and 90^{th} percentile load changes estimated for the historical program year.

Two methods were used to simulate the load changes in the non-critical hours of event days. For PG&E, we estimated the percentage of the load reduced during event hours that was shifted to non-event hours on the event day. This percentage, which was 16.5 percent,

was applied uniformly across all customer groups. Group-specific percentages did not appear to be reliable, particularly for the agriculture, mining, etc. industry group, for which it is consistently difficult to develop accurate estimates of load impacts because of the variability in customer loads within the group.

For SCE and SDG&E, we calculated a factor somewhat akin to a cross-price elasticity, in the form of the percentage change in non-event hour load divided by the percentage change in the event-hour prices. The elasticities that were used for each industry group and utility are shown in Tables 5.2 through 5.4.

Table 5.2: CPP Event-hour Price Elasticities for SDG&E and SCE; Customers Over 200 kW

Industry Group	10th Pctile	30th Pctile	50th Pctile	70th Pctile	90th Pctile
1. Agriculture, Mining & Construction	-0.444	-0.463	-0.476	-0.490	-0.509
2. Manufacturing	-0.031	-0.039	-0.045	-0.050	-0.058
3. Wholesale, Transport & Utilities	-0.098	-0.107	-0.113	-0.119	-0.128
4. Retail Stores	-0.011	-0.013	-0.015	-0.017	-0.019
5. Offices, Hotels, Finance, Services	-0.033	-0.036	-0.038	-0.040	-0.043
6. Schools	0.021	0.009	0.000	-0.009	-0.021
7. Arts, Entertainment & Public Administration	-0.012	-0.015	-0.017	-0.020	-0.023

Table 5.3: CPP Non-event Hour Price Elasticities for SDG&E and SCE; Customers Over 200 kW

Industry Group	10th Pctile	30th Pctile	50th Pctile	70th Pctile	90th Pctile
1. Agriculture, Mining & Construction	-0.043	-0.051	-0.057	-0.063	-0.071
2. Manufacturing	0.025	0.022	0.019	0.017	0.013
3. Wholesale, Transport & Utilities	0.016	0.012	0.009	0.006	0.002
4. Retail Stores	0.008	0.007	0.007	0.006	0.005
5. Offices, Hotels, Finance, Services	-0.001	-0.003	-0.004	-0.004	-0.006
6. Schools	0.009	0.004	0.000	-0.004	-0.009
7. Arts, Entertainment & Public Administration	0.006	0.005	0.004	0.003	0.002

Table 5.4: CPP Event-hour Price Elasticities for PG&E; Customers Over 200 kW

Industry Group	10th Pctile	30th Pctile	50th Pctile	70th Pctile	90th Pctile
1. Agriculture, Mining & Construction	0.138	0.025	-0.062	-0.158	-0.316
2. Manufacturing	-0.047	-0.062	-0.072	-0.083	-0.098
3. Wholesale, Transport & Utilities	-0.003	-0.030	-0.049	-0.068	-0.097
4. Retail Stores	-0.098	-0.107	-0.112	-0.118	-0.127
5. Offices, Hotels, Finance, Services	-0.030	-0.034	-0.036	-0.039	-0.042
6. Schools	-0.033	-0.040	-0.045	-0.049	-0.056
7. Arts, Entertainment & Public Administration	-0.011	-0.029	-0.043	-0.056	-0.075

Calculate forecast percentage load impacts by cell, customers under 200 kW
Because no ex post load impact evaluations exist for small (under 200 kW) CPP customers, price elasticity values were taken from different sources for these customers. The primary source of the price elasticities was the Statewide Pricing Pilot, in which small and medium C&I customers were exposed to CPP rates, with price elasticities estimated from the resulting load data. From this study, we used the critical day substitution elasticities and the critical day daily elasticities. The former elasticity is used to simulate the change in the ratio of usage between event and non-event hours on critical days. The latter elasticity is used to simulate the change in total energy usage on the critical event day. Table 5.5 shows the elasticity values used in the study. Notice that small C&I customers did not exhibit any demand response in the absence of enabling technology.

Table 5.5: Price Elasticities Adapted from the Statewide Pricing Pilot; Customers Under 200 kW

Elasticity Type		Small C&I	Medium C&I
No Enabling Technology	Critical Day Substitution	0.0000	-0.0412
	Critical Day Daily	0.0000	-0.0250
Enabling Technology	Critical Day Substitution	-0.0892	-0.0815
	Critical Day Daily	-0.0250	-0.0250

Apply percentage load impacts to reference loads for each event scenario. In this step, the percentage load impacts were applied to the per-customer 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. Load impacts by industry group, LCA, and at the program level were produced by applying the results in the previous step to the enrollment forecasts provided by the utilities. 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.

5.3 Detailed Findings

This section summarizes the ex ante enrollment forecasts, load impacts, and the effect of TA/TI and AutoDR on load impact estimates.

5.3.1 Enrollment Forecasts

SCE

SCE provided the number of enrolled customers for every industry group/LCA combination for the first three years of the default CPP program, after which they assume that equilibrium is reached (*i.e.*, enrollments are stable). In total they assume that the opt-out rate increases from 20.45 percent in the first year, to 49.4 percent in the second year, and to 64.83 percent in the third year and beyond. The opt-out rate is highest in the retail and services industry groups (at over 90 percent) and is lowest among education customers (13.21 percent).

Table 5.6 shows the number of enrolled customers by industry group for the first three years of the program (beginning in October 2009). Note that SCE's default CPP rate only applies to customers over 200 kW.

Table 5.6: Default CPP Enrollments, SCE

Industry Group	2010	2011	2012
1. Agriculture, Mining & Construction	145	133	117
2. Manufacturing	1,621	1,367	935
3. Wholesale, Transport & Utilities	574	424	247
4. Retail Stores	579	178	85
5. Offices, Hotels, Finance, Services	1,185	331	136
6. Schools	814	771	716
7. Arts, Entertainment & Public Administration	496	228	140
Total	5,446	3,464	2,408

SDG&E

SDG&E assumed an opt-out rate of 25 percent for small (under 20 kW) customers with enabling technology (no enrollments were forecast for small customers without enabling technology, as they are assumed to have no price response), with participation increasing as interval meters are installed (which is assumed to conclude in early 2012).

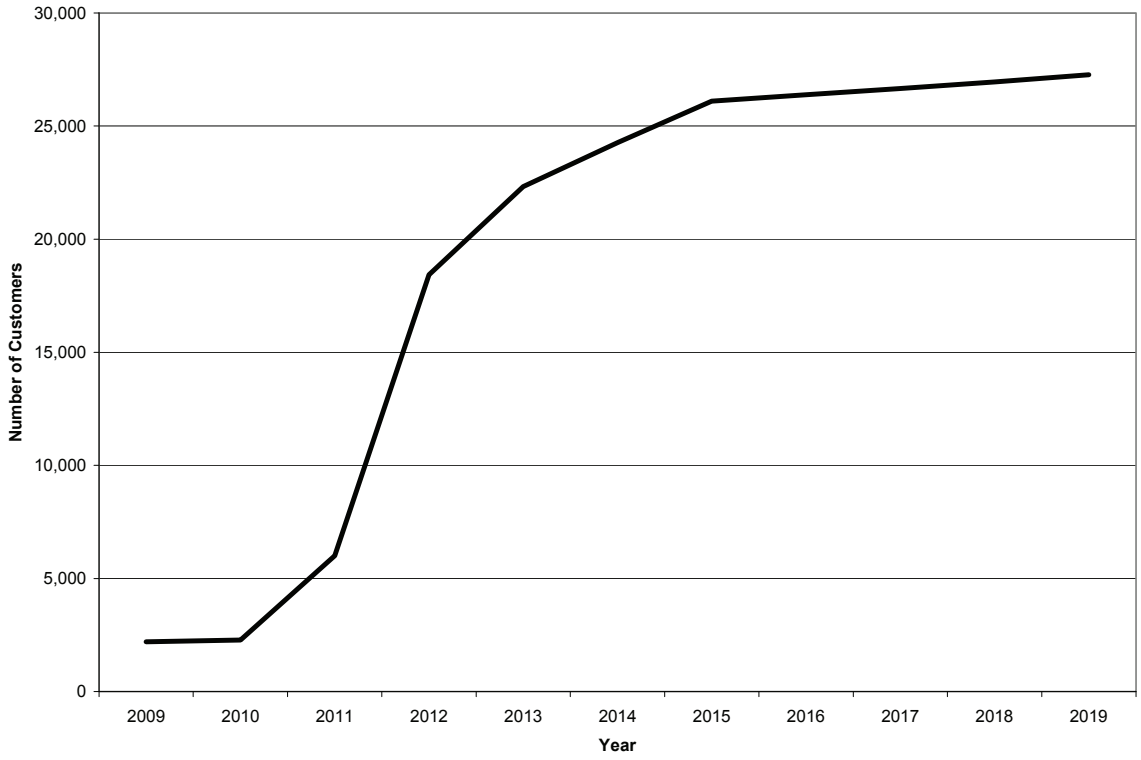
Opt-out rates for medium (20 to 200 kW) customers are specified by industry group, with an average rate of 27 percent. Once again, enrollments increase with the proliferation of interval meters. The opt-out rate for large (over 200 kW) customers is also set by industry group, with an average rate of 23.4 percent. Enrollments were separately generated for customers with and without enabling technology.

Table 5.7 summarizes the opt-out rates by industry group for the medium and large customer groups. Figure 5.1 shows the total number of customers enrolled in CPP across the forecast years.

Table 5.7: Opt-Out Rates by Industry Group, SDG&E

Industry Group	Medium	Large
1. Agriculture, Mining & Construction	28.3%	29.3%
2. Manufacturing	26.3%	24.8%
3. Wholesale, Transport & Utilities	8.6%	12.7%
4. Retail Stores	24.8%	23.7%
5. Offices, Hotels, Finance, Services	25.8%	33.6%
6. Schools	53.8%	18.4%
7. Arts, Entertainment & Public Administration	21.2%	21.1%

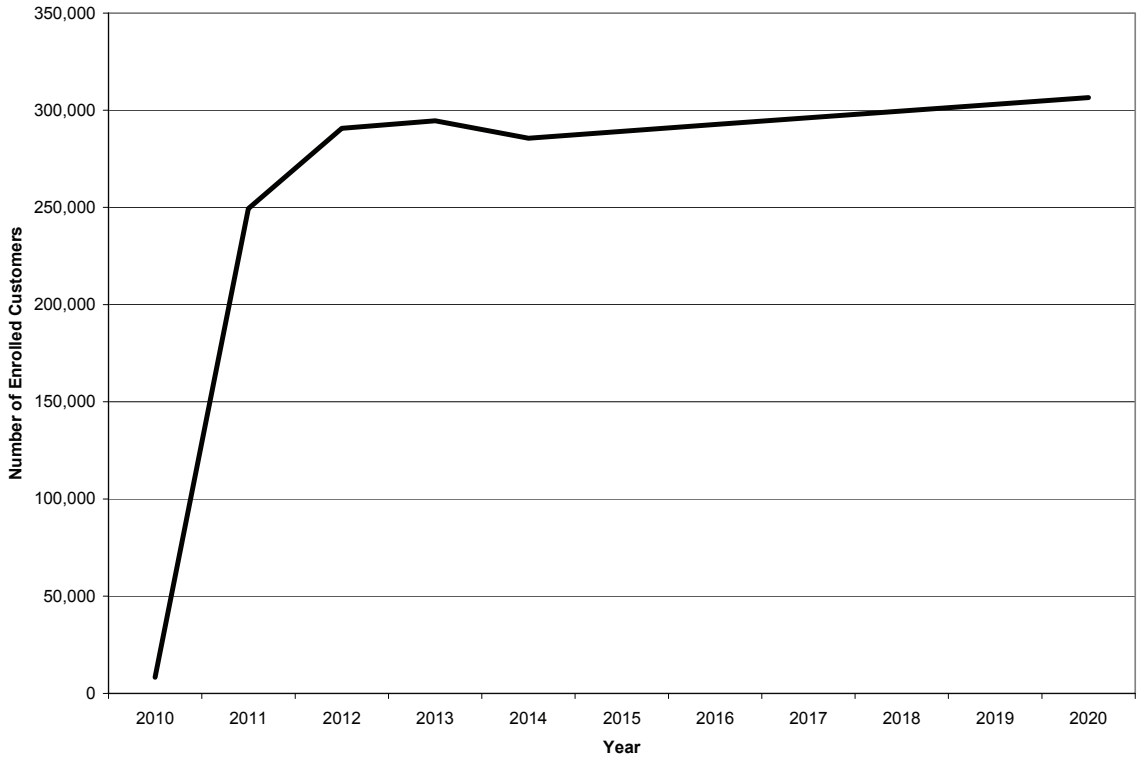
Figure 5.1: SDG&E CPP Enrolled Customers by Year



PG&E

The Brattle Group estimated PDP enrollments for PG&E, and has provided a separate report summarizing the methods and results of their study. Figure 5.2 illustrates the number of customers enrolled in PDP by year. Enrollments rise rapidly through 2012 as more customers become eligible for the tariff, with enrollments remaining fairly constant from 2013 through 2020.

Figure 5.2: PG&E PDP Enrolled Customers by Year



5.3.2 Forecast 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) for the typical event day in a 1-in-2 weather year;
3. A pie chart showing the share of load impacts by industry group for the typical event day in a 1-in-2 weather year;
4. Average event-hour load impacts by year for the typical event days of 1-in-2 and 1-in-10 weather years; and
5. Average event-hour load impacts by peak month day for a 1-in-2 weather year.

Together, these figures provide a useful summary of both the level of and variability in the forecast load impacts, according to the factors required by the Protocols. The tables required by the Protocols are provided in the Appendix.

SCE

Figure SCE CPP 1 shows the load impacts for a typical event day in a 1-in-2 weather year for 2012 and beyond.[19] (SCE's enrollment forecast is unchanged from 2012 through 2020.) Event-hour load impacts range from 30.7 MW to 38.4 MW, which is approximately 7 to 8 percent of the enrolled reference load. Non-event hour load impacts average an increase of 7.7 MW, or 1.8 percent of the reference load in those hours.

Figure SCE CPP 2 shows how the load impacts are distributed by LCA. Customers in the LA Basin account for the vast majority of the load impact, at 79 percent.

Figure SCE CPP 3 shows how the load impacts are distributed by industry group. Manufacturing customers account for nearly half of the load impacts. Customers in the wholesale, transport, and utilities group account for the next largest share at 28 percent.

Figure SCE CPP 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. The load impacts drop from 2010 through 2012 as customers opt out of the rate and then remain constant through 2020. The long-term average hourly load impact is 34.7 MW in a 1-in-2 weather year and 35.5 MW in a 1-in-10 weather year.

Figure SCE CPP 5 illustrates the load impacts across monthly peak days of a 1-in-2 weather year in 2012 through 2020. The loads impacts are highest in June, at 37.8 MW, and lowest in October, at 32.6 MW.

[19] Because CPP event days are not superseded by any other program's event days, program-level load impacts are the same as portfolio-level impacts.

Figure SCE CPP 1: Hourly Event-Day Loads and Load Impacts (kW) for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

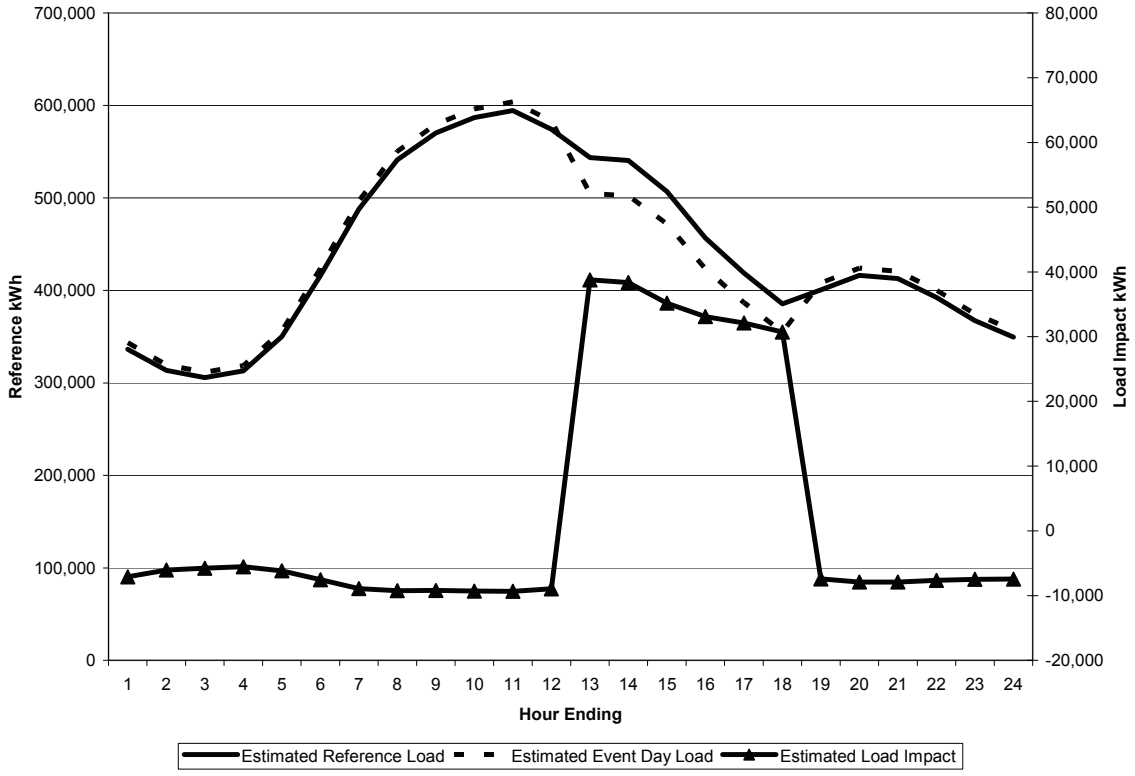


Figure SCE CPP 2: Share of Load Impacts by LCA for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

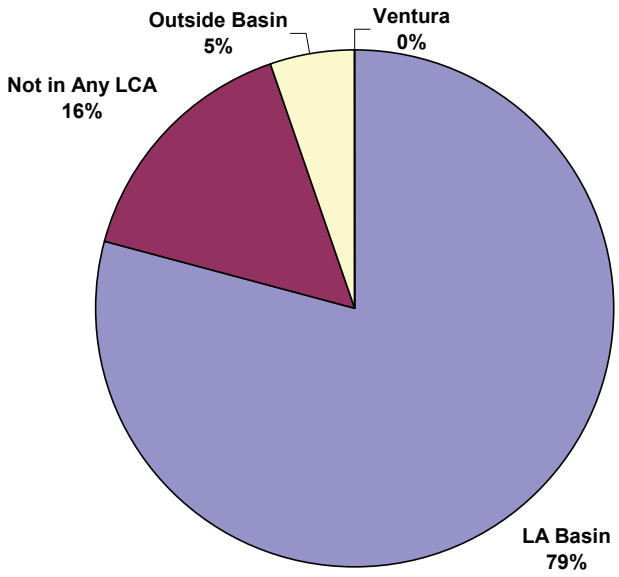


Figure SCE CPP 3: Share of Load Impacts by Industry Group for the Typical Event Day in a 1-in-2 Weather Year for 2012 and Beyond

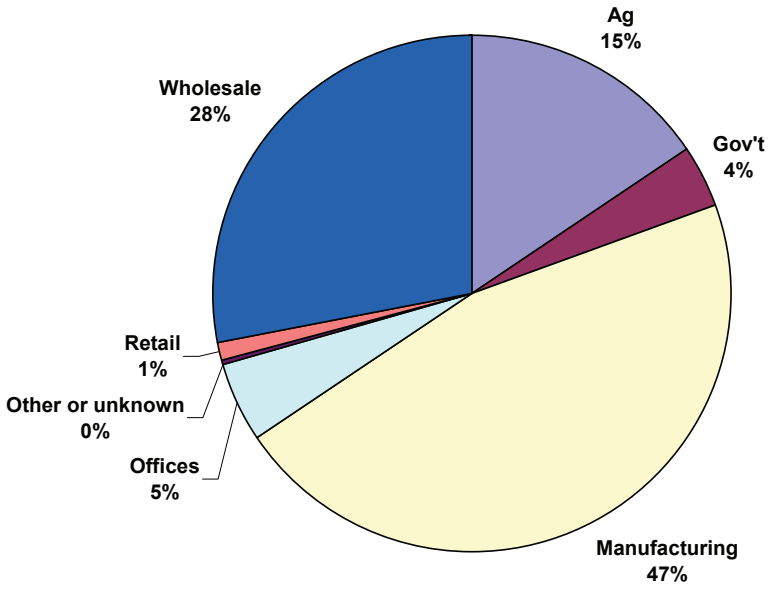


Figure SCE CPP 4: Average Event-Hour Load Impacts (kW) by Forecast Year and Weather Scenario for the Typical Event Day

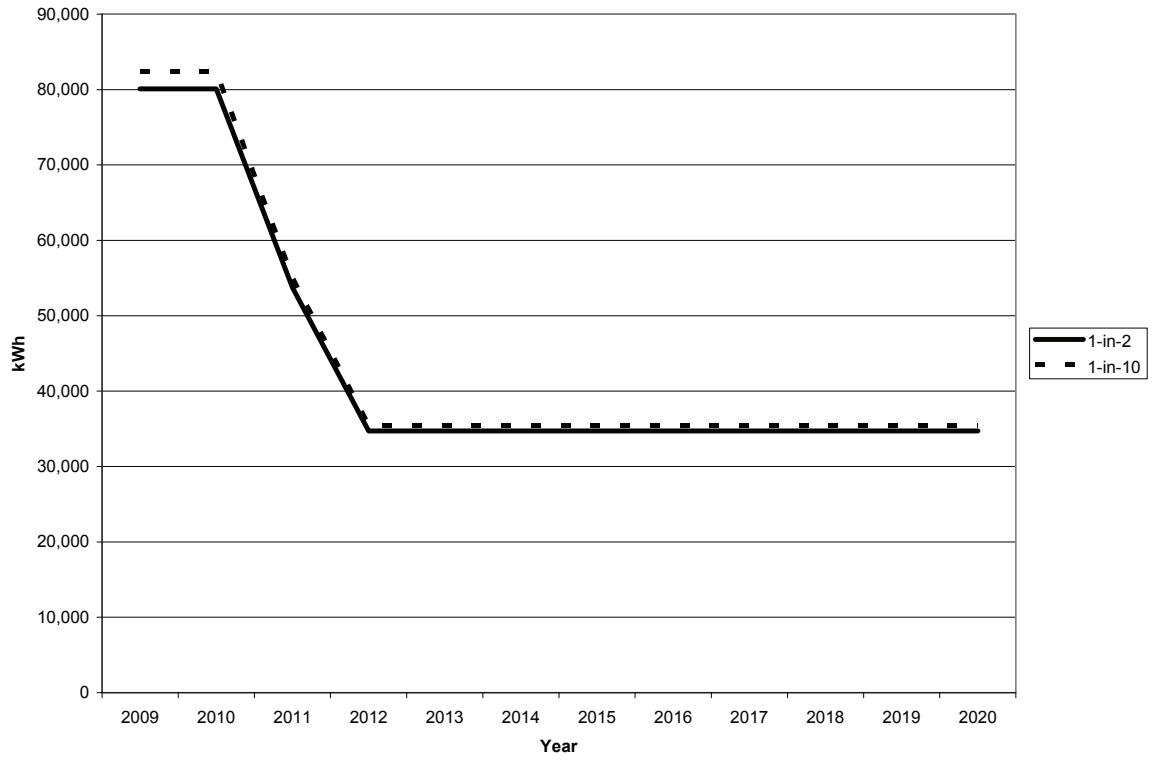
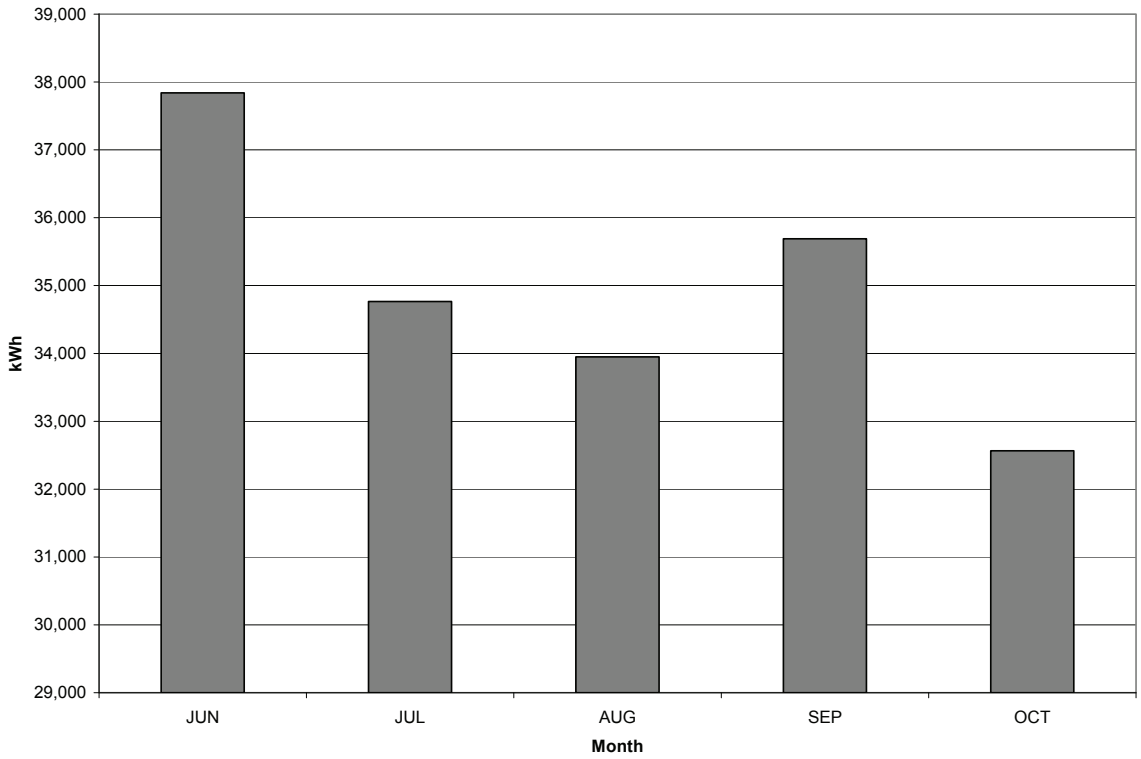


Figure SCE CPP 5: Average Event-Hour Load Impacts (kW) by Month for each Peak Load Day in a 1-in-2 Weather Year for 2012 and Beyond



SDG&E

Figure SDG&E CPP 1 shows the 2012 load impacts for a typical event day in a 1-in-2 weather year.[20] Event-hour load impacts range from 65.4 MW to 73.5 MW, which is approximately 6.5 percent of the enrolled reference load. Non-event hour load impacts average an increase of 2.0 MW, or 0.3 percent of the reference load in those hours.

Figure SDG&E CPP 2 shows how the load impacts are distributed by industry group. Customers in the offices group account for the largest share of the load impacts at 41 percent of the total.

Figure SDG&E CPP 3 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 rises rapidly from 2009 through 2012, after which the growth rate is modest. From 2012 through 2020, the 1-in-10 weather year load impacts are from 1.8 to 2.5 MW higher than the 1-in-2 weather year load impacts.

[20] Because CPP event days are not superseded by any other program's event days, program-level load impacts are the same as portfolio-level impacts.

Figure SDG&E CPP 4 illustrates the 2012 load impacts across monthly peak days of a 1-in-2 weather year. The loads impacts are highest in August, at 72.6 MW, and lowest in January, at 43.7 MW.

Figure SDG&E CPP 1: Hourly Event-Day Loads and Load Impacts (kW) for the Typical Event Day in a 1-in-2 Weather Year for 2012

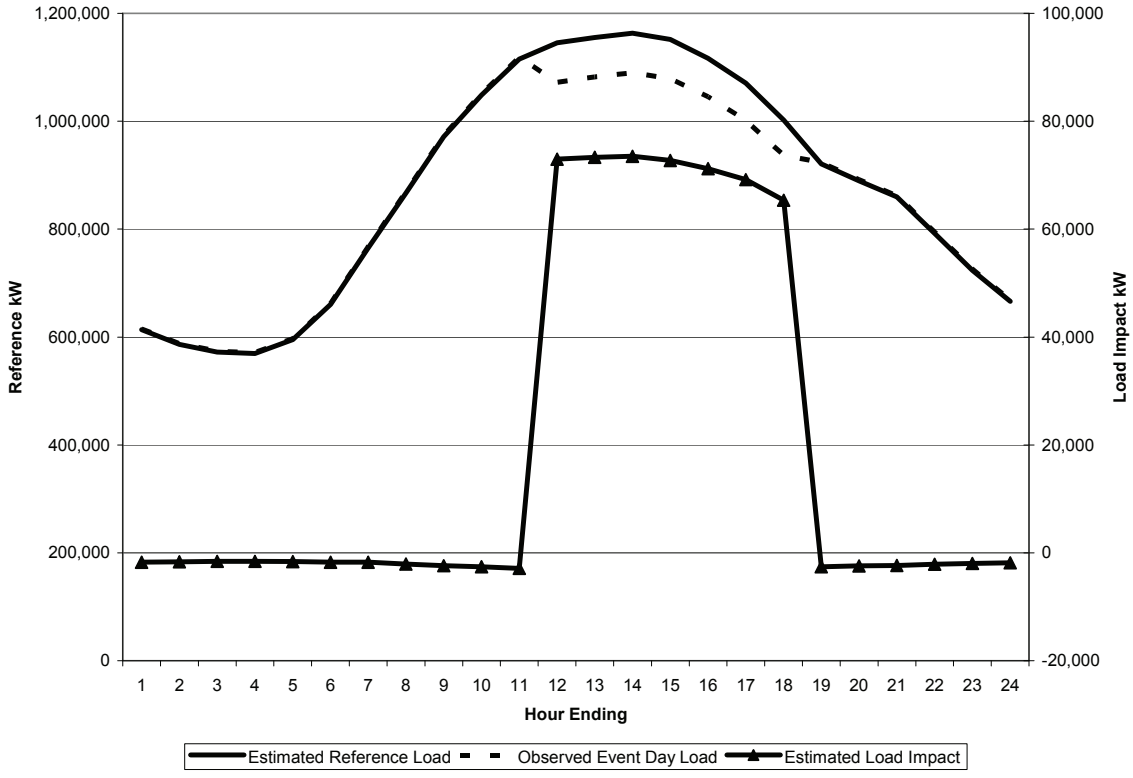
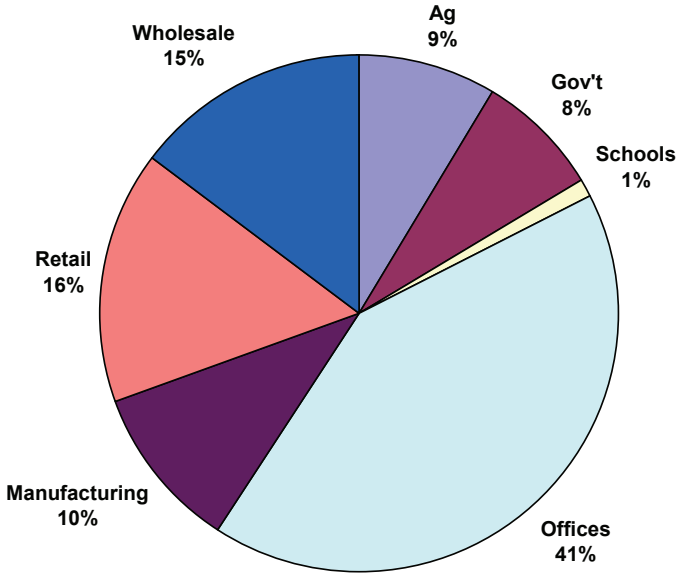


Figure SDG&E CPP 2: Share of Load Impacts by Industry Group for the Typical Event Day in a 1-in-2 Weather Year for 2012[21]



[21] This chart does not include the load impacts from customers under 20 kW, which are not divided into industry groups.

Figure SDG&E CPP 3: Average Event-Hour Load Impacts (kW) by Forecast Year and Weather Scenario for the Typical Event Day

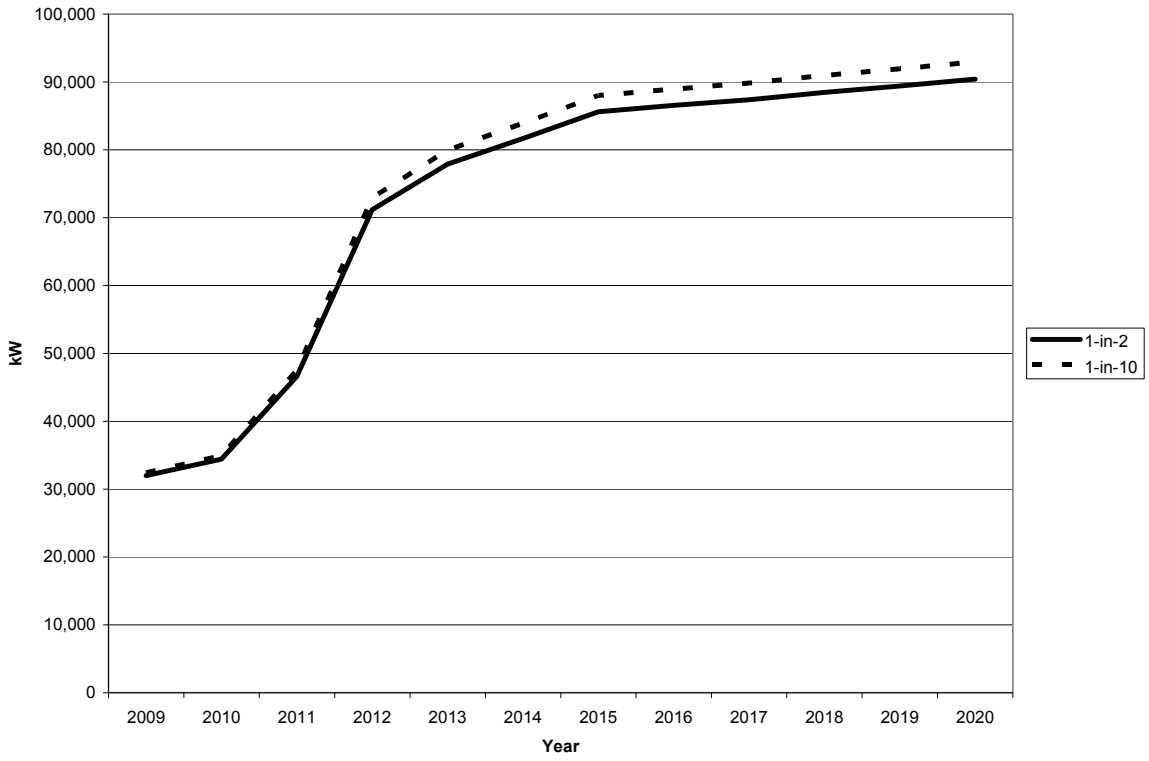
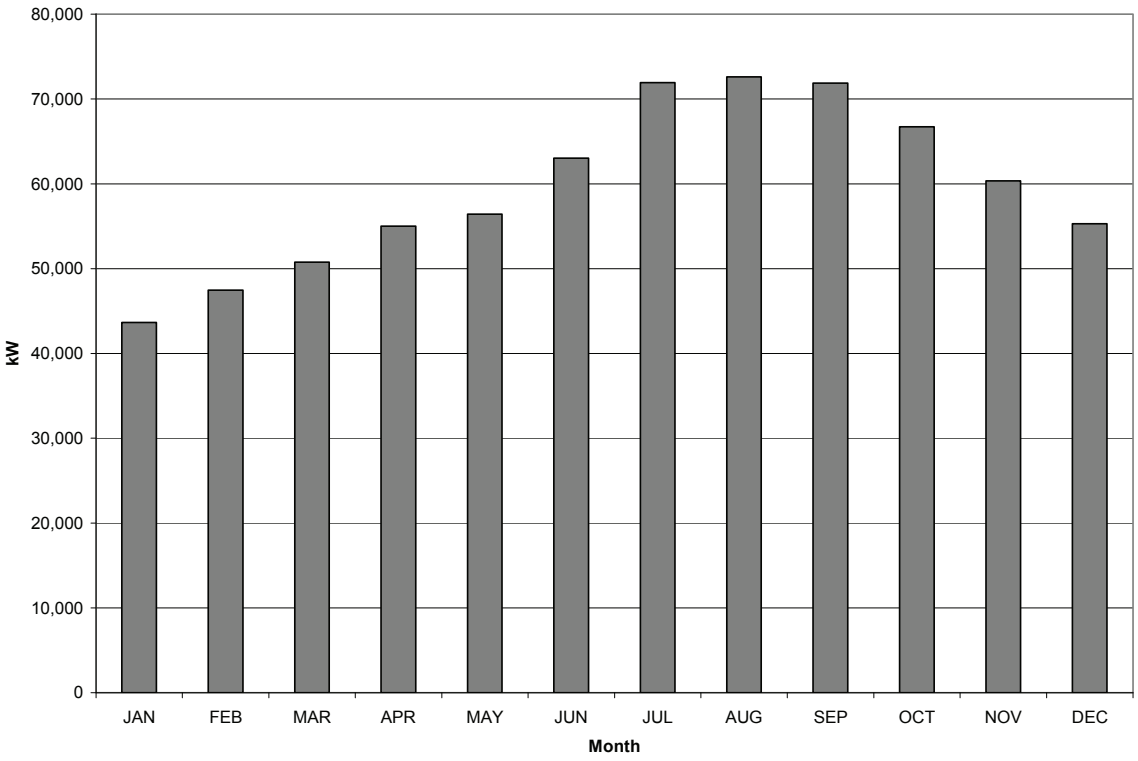


Figure SDG&E CPP 4: Average Event-Hour Load Impacts (kW) by Month for each Peak Load Day in a 1-in-2 Weather Year for 2012



PG&E CPP

Ex ante load impacts for PG&E are presented in two parts due to the planned transition to PDP in 2010. Results are first presented for 2009 for voluntary CPP. The following sub-section then presents results for 2010 through 2020 for PDP. Figure PG&E CPP 1 shows the load impacts for a typical event day in a 1-in-2 weather year in August 2009. The average hourly load impacts during the six-hour event window (from 12 p.m. to 6 p.m.) range from a low of 19.2 MW to a high of 22.2 MW, which represent approximately 5.5 percent of the reference load.

Figure PG&E CPP 2 shows how the load impacts are distributed by LCA. Customers in the Greater Bay Area account for more than half of the load impacts. Customers not located in an LCA account for the next largest share, which is 12 percent.

Figure PG&E CPP 3 shows how the load impacts are distributed by industry group. Manufacturing customers account for 39 percent of the total, while offices account for 27 percent of the total load impacts.

Figure PG&E CPP 4 illustrates average load impacts across the monthly 2009 peak days, assuming a 1-in-2 weather year. Average hourly load impacts are highest in September, at 22.8 MW and lowest in May, with load impacts averaging 19.0 MW.

Figure PG&E CPP 1: Hourly Event-Day Loads and Load Impacts (kW) for the Typical Event Day in a 1-in-2 Weather Year for August 2009

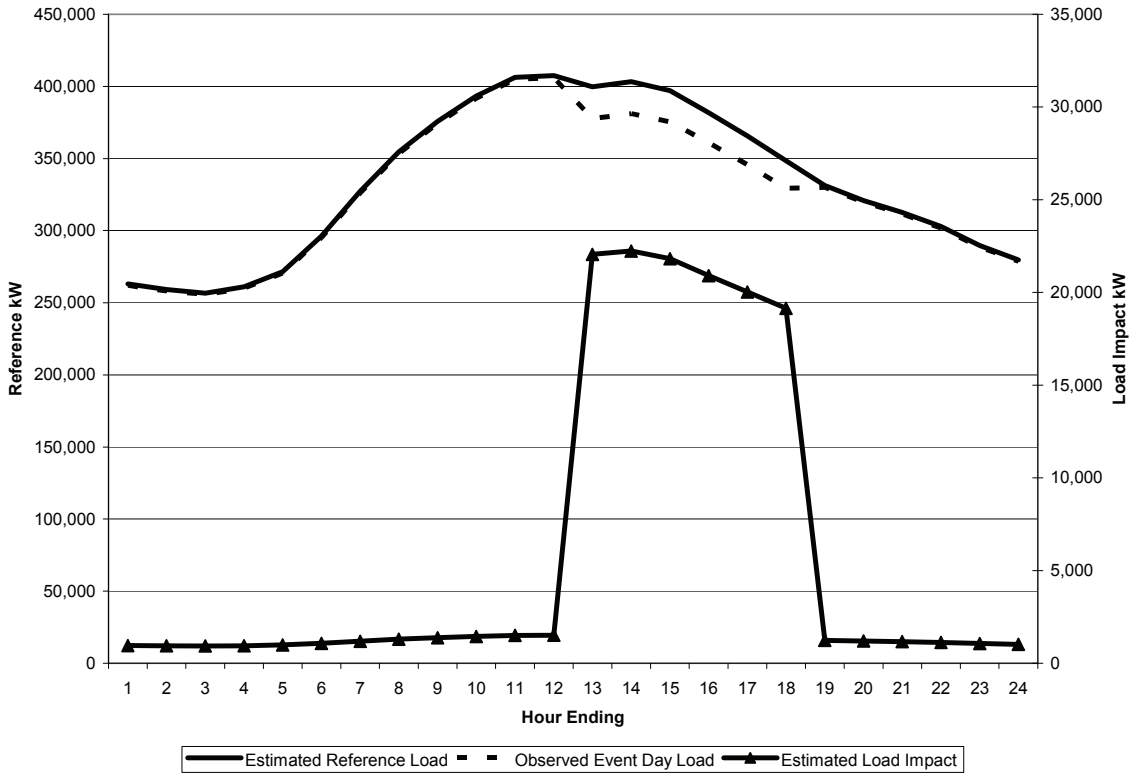


Figure PG&E CPP 2: Share of Load Impacts by LCA for the August 2009 Peak Day in a 1-in-2 Weather Year

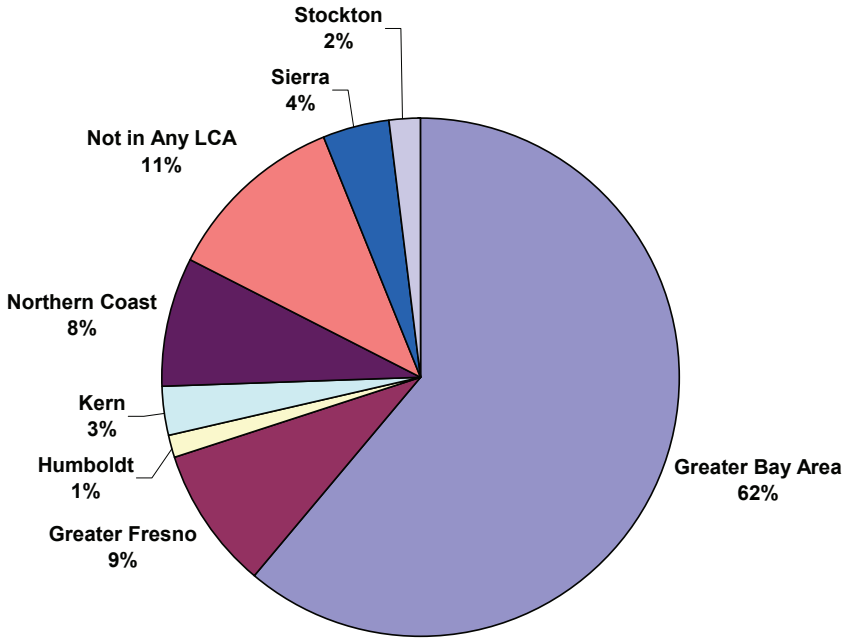


Figure PG&E CPP 3: Share of Load Impacts by Industry Group for the August 2009 Peak Day in a 1-in-2 Weather Year

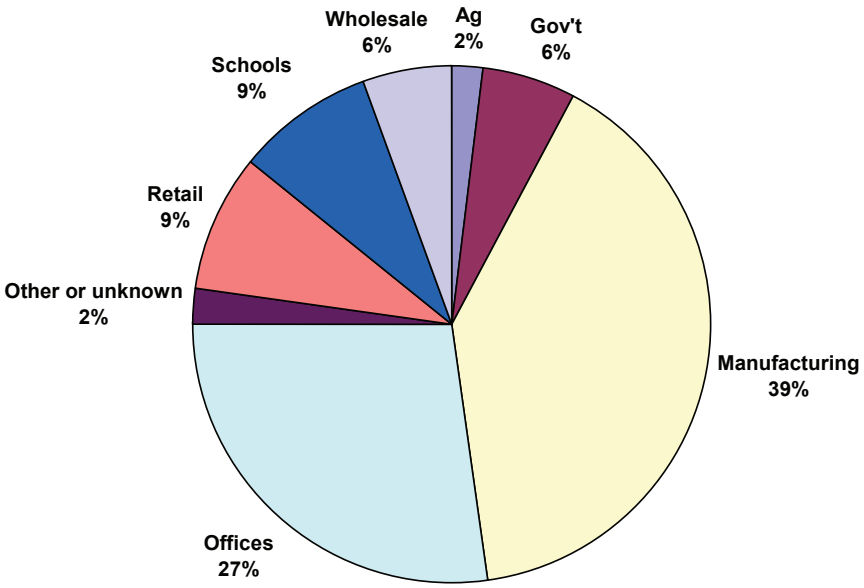
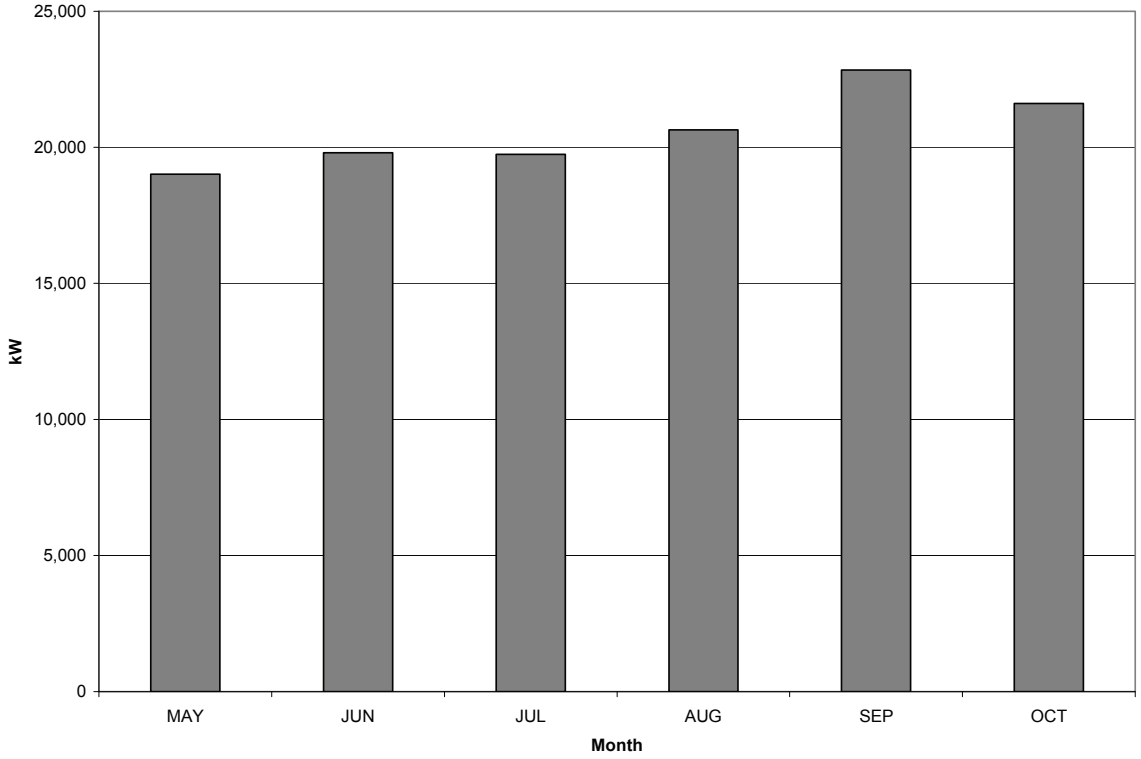


Figure PG&E CPP 4: Average Event-Hour 2009 Load Impacts (kW) by Month for Each Peak Day in a 1-in-2 Weather Year



PG&E PDP

Figure PG&E PDP 1 shows load impacts for a typical PDP event day in a 1-in-2 weather year in August 2012.[22] The results assume that all customers under 200 kW are enrolled in the version of PDP that has a six-hour event window. (Customers under 200 kW are given a choice between peak windows of four and six hours; customers over 200 kW are all exposed to a four-hour event window.) The average hourly load impacts during the four-hour event window (from 2 p.m. to 6 p.m.) range from a low of 325 MW to a high of 382 MW, which represents 8.4 percent of the reference load.[23] Load impacts from noon to 2 p.m., during which only customers below 200 kW are exposed to peak day prices, average 233 MW, or approximately 5.2 percent of the total program reference load. The average load impact during non-event hours is 13 MW, which is approximately 0.4 percent of the reference load.

Figure PG&E PDP 2 shows how the load impacts are distributed by LCA. Customers in the Greater Bay Area account for 47 percent of the load impacts. Customers in Greater Fresno and those not located in an LCA account for the next largest shares, at 15 percent each.

[22] Because CPP event days are not superseded by any other program's event days, program-level load impacts are the same as portfolio-level impacts.

[23] The percentage load impacts for PDP are larger than those of CPP due to the higher PDP event-hour price relative to the current voluntary CPP critical price.

Figure PG&E PDP 3 shows how the load impacts are distributed by industry group. Offices account for the largest share, with 27 percent of the total load impacts.

Figure PG&E PDP 4 illustrates the average hourly load impact across years for the August peak day in 1-in-2 and 1-in-10 weather year2. Load impacts rise between 2010 and 2012, level off through 2014, and then rise slowly until 2020.

Figure PG&E PDP 5 illustrates the load impacts across the monthly 2012 peak days, assuming a 1-in-2 weather year. Average hourly load impacts are highest in September, at 383 MW, and lowest in February, during which load impacts average 291 MW.

Figure PG&E PDP 1: Hourly Event-Day Loads and Load Impacts (kW) for the Typical Event Day in a 1-in-2 Weather Year for August 2012

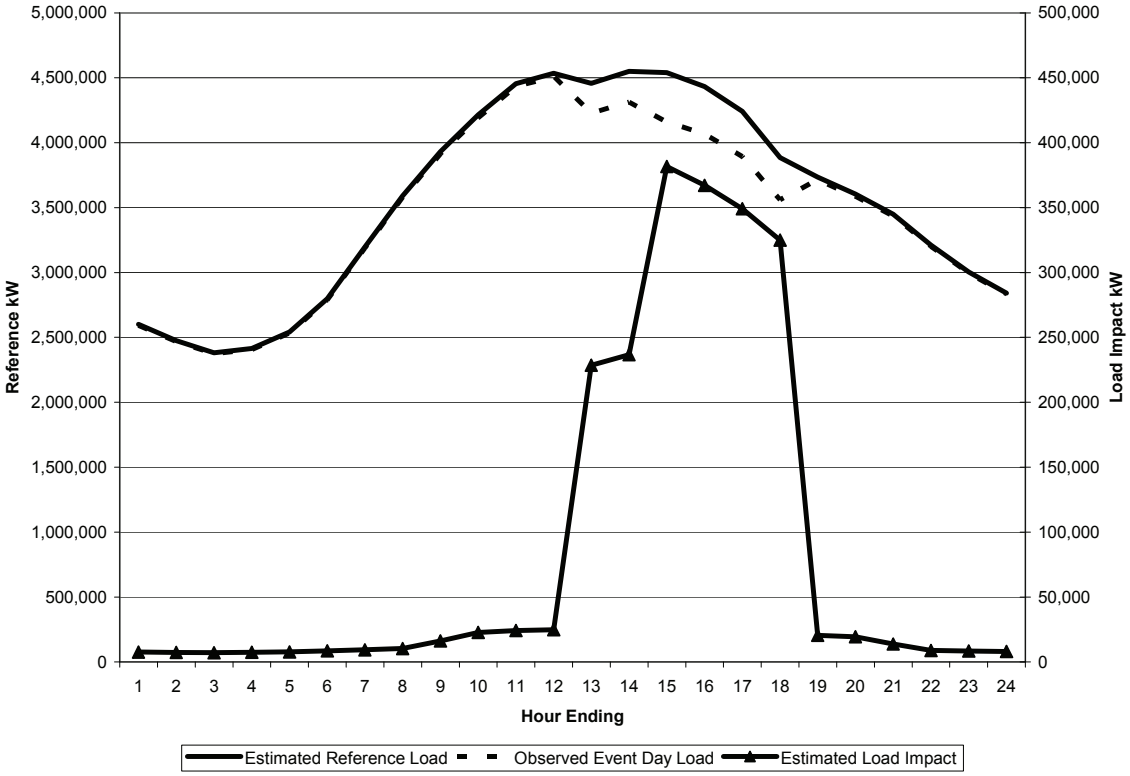


Figure PG&E PDP 2: Share of Load Impacts by LCA for the August 2012 Peak Day in a 1-in-2 Weather Year

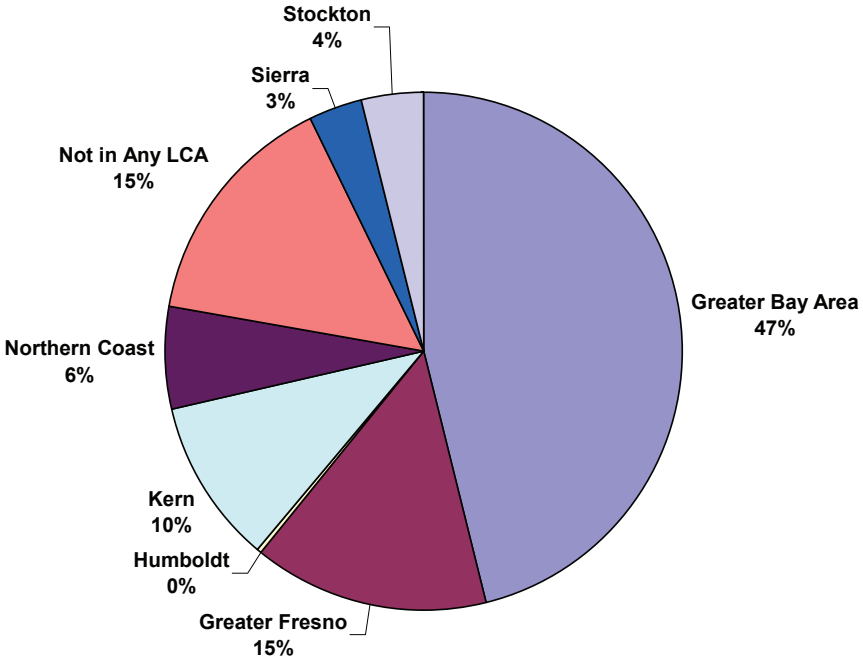


Figure PG&E PDP 3: Share of Load Impacts by Industry Group for the August 2012 Peak Day in a 1-in-2 Weather Year

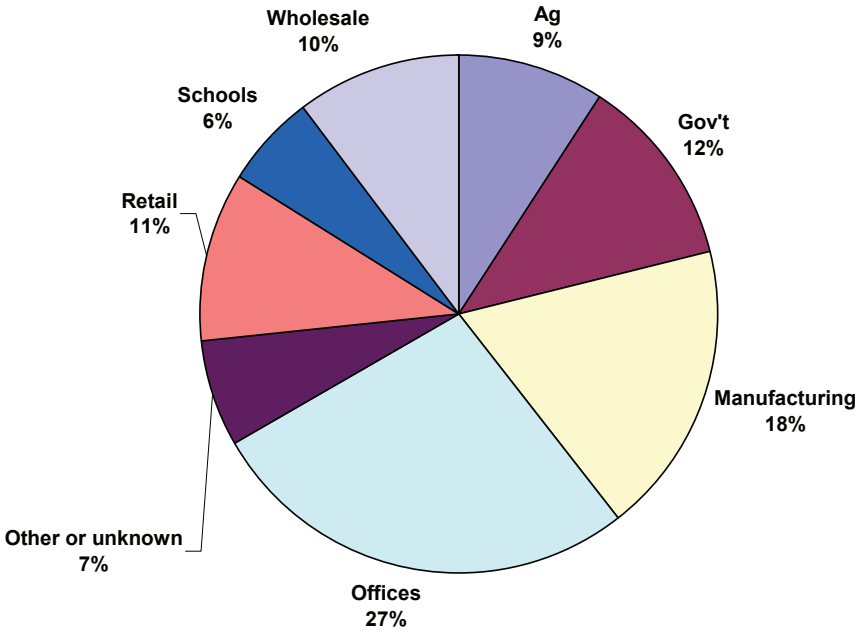


Figure PG&E PDP 4: Average Event-Hour Load Impacts (kW) by Forecast Year for the August Peak Day in 1-in-2 and 1-in-10 Weather Years

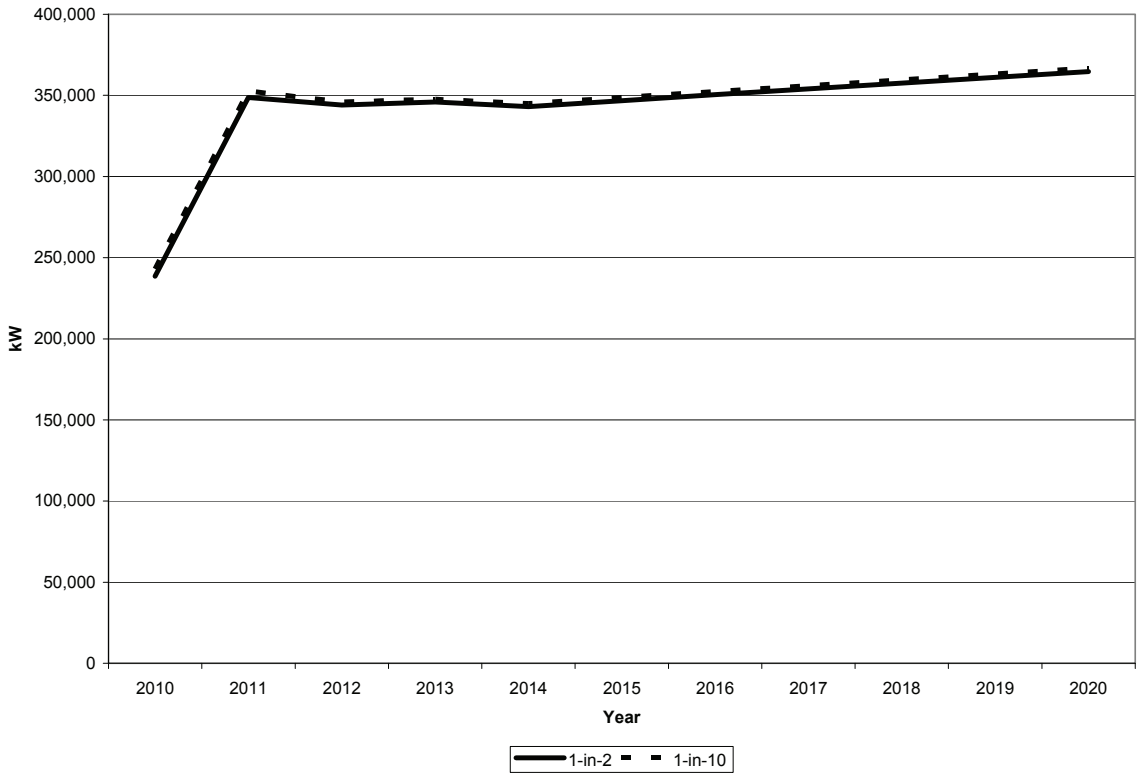
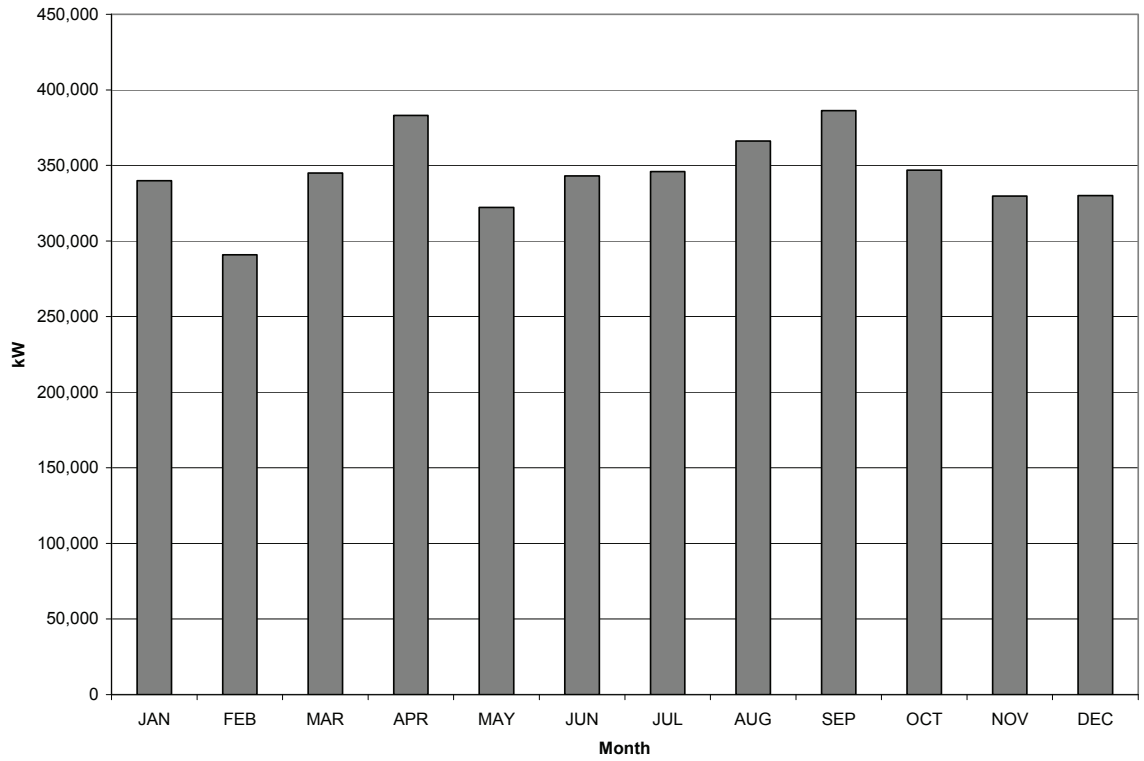


Figure PG&E PDP 5: Average Event-Hour 2012 Load Impacts (kW) by Month for Each Peak Day in a 1-in-2 Weather Year



5.3.3 Effect of TA/TI and AutoDR on PG&E PDP Load Impacts

PG&E provided high, medium, and low funding scenarios for TA/TI and AutoDR that were used to develop a sensitivity analysis of the 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 and assumptions regarding the cost per kW of load reduction from each program. For TA/TI, this cost is $275 per kW and the cost is $300 per kW for AutoDR. Table 5.8 contains the annual increase in load impacts by program and funding scenario. These values are illustrated in Figure 5.3. Notice that the level of the added load response is very similar for TA/TI and AutoDR, such that the two series are difficult to differentiate in the figure. The funding scenarios result in incremental load impacts that are approximately 20 percent higher and lower than those in the medium scenario for the high and low scenarios, respectively.

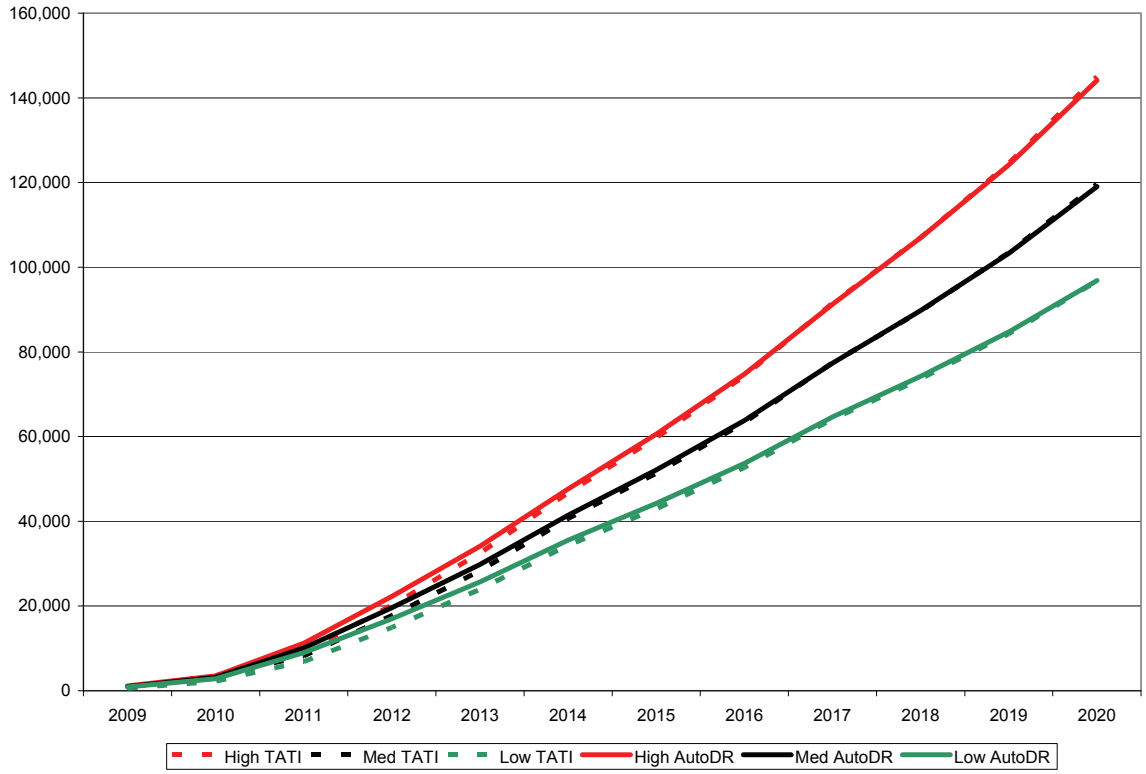
Note that under some conservative assumptions, these incremental load impacts are unreasonably large in the later years of the forecast. For example, assume that the program is offered to only customers over 200 kW, the average maximum demand for these customers is 400 kW, and each program adds 7 percentage points to the customer's load impact. In this example, the implied number of participating customers (*i.e.*, the total incremental kW load impact divided by the incremental load impact per customer given the assumptions) exceeds the number of customers enrolled in PDP by 2015. If the program is expanded to customers over 20 kW (with the average customer dropping to 62 kW as a

result), the implied number of customers participating in TA/TI or AutoDR exceeds the number of customers enrolled in PDP by 2020. However, if the incremental load impact is 15 percentage points instead of 7 percentage points, the scenarios shown in Table 5.8 and Figure 5.3 are more plausible. As more customers participate in TA/TI and AutoDR over time, the estimate of the incremental load impact will be refined, allowing us to improve this scenario analysis.

Table 5.8: Annual Increase in Load Impacts from TA/TI and AutoDR by Year and Funding Scenario (kW)

Year	TA/TI			AutoDR		
	High	Medium	Low	High	Medium	Low
2009	713	641	570	1,099	989	879
2010	3,530	3,177	2,213	3,520	3,168	2,816
2011	9,126	8,213	6,857	11,210	10,089	8,968
2012	20,182	17,731	14,933	22,236	19,581	17,022
2013	32,483	28,320	23,918	34,089	29,785	25,679
2014	46,748	40,601	34,338	47,624	41,437	35,566
2015	59,699	51,266	42,975	60,586	52,110	44,210
2016	74,315	63,301	52,722	74,784	63,801	53,679
2017	91,429	77,393	64,136	91,229	77,343	64,647
2018	106,976	89,638	73,603	106,980	89,749	74,238
2019	124,494	103,437	84,270	124,208	103,319	84,729
2020	144,975	119,568	96,742	144,136	119,015	96,864

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



6. Validity Assessment

In previous studies of CPP ex-post load impacts, we used group-level data to examine load impacts. We used a different approach in this study. Specifically, we estimated customer-specific regression models. This method has some advantages relative to the aggregated models (*e.g.*, properly accounting for when each customer joined CPP, and allowing the results to be summarized according to any observed customer characteristic without requiring the estimation of a new model). However, it does require estimation of many models. Thus, time constraints prevent a detailed examination of each customer's 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.

Our primary concern with respect to the validity of the findings is regarding the appropriateness of the model specification that is used. We believe that the most significant issue in an ex post analysis of load impacts is the risk of omitted variable bias. That is, loads levels may change for reasons that cannot be easily known to the analyst, and consequentially those reasons cannot be captured in the econometric models. For example, it is not uncommon for manufacturing customers to shut down operations for one to two weeks. 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 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, giving us no reason to believe that a bias exists in the overall findings.

A primary concern regarding this year's ex ante load impact projections is the current lack of information on how the price responsiveness of *default* CPP customers may differ from that of historical *voluntary* CPP customers, as the utilities' programs transition to default status and the number of enrolled customers expands. Given the lack of information to suggest how price elasticities might change, we made the assumption that future price elasticities (differentiated by industry type) will remain the same for default customers who do not opt out of CPP as for the customers who have volunteered for CPP in recent years. An important objective of future ex post load impact evaluations should be to estimate CPP price responsiveness for default customers and compare it to historical patterns.

7. Recommendations

There are two areas in which the ex post load impact study could potentially be improved. First, as described in Section 6, refinements to the customer-specific model specifications could be explored. Second, the estimates of the effect of the TA/TI and AutoDR programs will be improved as time passes. As customers are added to these programs over time, a sufficient sample size will become available to reach valid conclusions regarding the effect of these programs on load impacts.

8. Opt-out Analysis for SDG&E Default CPP

In May 2008, SDG&E implemented a default CPP tariff that applies to all non-residential, bundled service customers with peak demands exceeding 20 kW who have interval meters. Once SDG&E has completed full deployment of advanced meters, this tariff will apply to all customers with peak demands greater than 20 kW.[24] Customers defaulted onto the CPP rate will have the option of selecting an alternative, non-dynamic tariff, which will be a TOU rate with a peak demand charge, as described below. At the time the default CPP tariff was implemented, 1,767 customers were defaulted onto the rate.[25] Table 8.1 shows the breakdown of customers who were defaulted onto the rate by size. Twenty three percent of the customers defaulted onto the rate had peak demands below 200 kW and almost 10 percent had peak demands below 100 kW. The average annual maximum demand across the entire customer population was 474 kW.

[24] All customers in California with peak demands exceeding 200 kW have had interval meters installed since roughly 2002. In SDG&E's service territory, many customers below 200 kW are also interval metered, as participants in any of SDG&E's DR programs require interval metering. (It should be noted that any customers that participate in SDG&E's load research sample were not defaulted onto the CPP rate.) Within the next few years, SDG&E will have completed its advanced metering deployment, and all customers in the service territory will have interval meters.

[25] Customers participating in one of SDG&E's day-ahead demand response programs were not eligible for the rate.

Table 8.1: SDG&E Customers Transferred to CPP-D Tariff in May 2008

Size Category	Number of Customers	Percent of Customers	Average of Max. Summer On-Peak Demand (kW)
100 kW or less	175	10%	48
100 to 200 kW	225	13%	157
200 to 500 kW	871	49%	315
500 kW and up	386	22%	1,003
Unclassified	110	6%	400
Total	1,767		474

SDG&E was the first utility in CA to implement default CPP pricing for non-residential customers. However, PG&E has been directed to implement a revised CPP with higher event period prices for customers above 200 kW in 2010 and to default all non-residential customers who have the appropriate metering onto default CPP pricing by 2011.[26] On February 27, 2009, PG&E filed a proposed default CPP tariff referred to as Peak Day Pricing, that will be phased in for large C&I customers in 2010, and for large Agricultural customers and medium and small C&I customers in 2011, after each customer has had an interval meter for 12 months. Customers in PDP also would be charged TOU rates in non-DBP event hours, and receive credits during those hours. SCE is also planning to phase in default dynamic pricing starting in late 2009. This report section summarizes an analysis of the key drivers of opt-out rates for SDG&E's CPP-D tariff.

8.1 Overview of Tariff Options

SDG&E's CPP-D tariff applies to commodity service only. It consists of a three-period rate where, during the summer, the peak-period is from 11 am to 6 pm on weekdays, the semi-peak period is from 6 a.m. to 11 a.m. and 6 p.m. to 10 p.m. on weekdays, and the off-peak period is from 10 p.m. to 6 a.m. on weekdays and all day on weekends and holidays. Under CPP-D, prices vary across rate periods on all weekdays, but are higher during the peak period on CPP event days than on normal weekdays. The maximum number of event days that can be called under the CPP-D tariff is 18 and customers are notified by 3 p.m. the day before an event occurs. Prices and rate periods vary seasonally[27] and the summer period is from May 1 to September 30. In its November 15, 2008 rate design window application, SDG&E filed to be able to call CPP events year round.

SDG&E's non-commodity service also has prices that vary by time of day according to the same rate periods. The non-commodity portion of the tariff has monthly charges as well as non-coincident demand charges and charges for maximum demand during the peak rate period.

At the same time that the new CPP-D tariff was introduced, SDG&E modified its Otherwise Applicable Tariff (OAT) for commodity service for 20 kW and above customers. Prior to May 2008, there was no demand charge for commodity service, but the

[26] PG&E's SmartMeter deployment is scheduled to be complete by 2012 so all non-residential customers will have been defaulted onto some form of dynamic tariff by that time.
[27] The complete tariff can be found at http://www.sdge.com/business/esc/documents/cppTariff.pdf .

new OAT implemented in May 2008 has a demand charge. Thus, when considering whether or not to stay on the default CPP-D tariff, the OAT that customers had to consider was not their prior tariff, with no commodity demand charges, but rather a new tariff that has demand charges for the commodity and also has different prices for energy by rate period compared with the prior tariff. Table 8.2 compares the prices associated with the prior OAT, the new OAT and the CPP-D tariffs for commodity service. Prices for the non-commodity portion of service do not vary across the three tariffs depicted in Table 8.2.

Another feature of the CPP-D tariff is the opportunity to insure against bill volatility by reserving a level of generation capacity that would protect that portion of their load from the high energy prices during the peak period on critical event days. Customers electing to protect a portion of their load pay a Capacity Reservation Charge (CRC) each month. The CRC price, shown in the first column of Table 8.2, is $6.20/kW. If a customer does not proactively select a portion of their load to be protected by the CRC option, the CRC amount is set to 50% of their CPP Maximum Demand, defined as the maximum on-peak demand recorded during the most recent full summer billing period. If a CPP Maximum Demand can not be determined for a customer, the default CRC level is set to zero.

Table 8.2: Commodity-Related Charges for CPP-D and the Otherwise Applicable Tariff

Illustrative Secondary Service Voltage Level Rates

Pre-default

Charge Description	DEFAULT Critical Peak Pricing	OPT-OUT Commodity Pricing	~~CURRENT~~ Commodity Pricing
New Summer Energy Rates ($ per kWh)			
CPP Event Period – Above Capacity Reservation	$1.06781	NA	NA
On-Peak	$0.10360	$0.10821	$0.14033
Semi-Peak	$0.08307	$0.08768	$0.08283
Off-Peak	$0.06139	$0.06600	$0.05807
Winter Energy Rates ($ per kWh)			
On-Peak	$0.10170	$0.10631	$0.14033
Semi-Peak	$0.09313	$0.09774	$0.08283
Off-Peak	$0.06822	$0.07283	$0.05807
New/ Optional Capacity Reservation Charge ($ per kW/Month – Year Round) Self-Selected kW	$ 6.20	NA	NA
New On-Peak Demand Charge ($ per kW) Maximum Summer On-Peak Demand	NA	$ 6.43	NA
On-Peak Demand ($ per kW) Maximum Winter On-Peak Demand	NA	$ .21	NA

The new OAT has lower peak prices than the prior tariff but a demand charge has been added where there was not one in the previous tariff

T&D charges were the same for CPP-D and the opt out tariff

8.2 Transition Process and Results

Customers were defaulted onto the CPP-D tariff starting in early May and were given 45 days to opt-out and to select their CRC amount. If a customer did not opt-out of the rate, they were obligated to stay on the rate for 12 months. Customers will continue on this rate unless they notify SDG&E on the anniversary of their enrollment date that they wish to leave or unless they become ineligible, for example, by enrolling in one of SDG&E's demand response programs.

Customers who stay on the rate are given bill protection for the first 12 months of service following the default date. At the end of the 12-month period, SDG&E will calculate each customer's bill based on the OAT and compare that amount with the amount billed under the CPP-D tariff. If the bill amount under CPP-D is greater than the amount under OAT, SDG&E will refund the difference. In all cases, at the end of the bill protection period, SDG&E will send a report summarizing the analysis and will give each customer 45 days from receipt of the report to opt-out of the rate. Otherwise, they will continue on the rate without bill protection.

At the time of notification of the new tariff, customers who were registered online were provided with access to a bill analysis tool that they could use to determine what their bills would be under the CPP-D and OAT tariffs, based on their prior usage patterns, capacity reservation level selection and assumptions about the number of CPP event days, and load reductions they might make during high price periods. The billing analysis tool was also available to all customers through their assigned account representatives. In addition, customers registered online also had access to their interval data and load shape information through SDG&E's kWickview online energy monitoring tool.

Table 8.3 shows the number and average demand for those customers who were defaulted onto the CPP-D tariff (last set of columns), as well as for those who stayed on the rate (first set of columns), and those who opted out to the OAT option. Table 8.4 contains similar information for the CRC selection for customers who stayed on the CPP-D tariff.

Table 8.3: CPP-D Opt-Out Decisions

	Industry type	Default CPP Tariff			Opt-Out TOU Tariff		Total	
		# of Cust.	% of Customers	Average of Max. Summer On-Peak Demand (kW)	# of Cust.	Average of Max. Summer On-Peak Demand (kW)	# of Cust.	Average of Max. Summer On-Peak Demand (kW)
1	Ag, Mining & Construction	23	74%	604	8	274	31	509
2	Manufacturing	190	77%	502	57	531	247	508
3a	Wholesale, Transport	153	90%	554	17	512	170	549
3b	Water Districts	110	81%	570	26	463	136	552
4	Retail Stores	119	73%	383	45	475	164	407
5a	Offices, Finance & Services	315	73%	531	114	462	429	512
5b	Hotels and Apartments	95	52%	393	89	495	184	442
6	Schools	133	77%	391	40	374	173	388
7	Institutional, Government	175	78%	380	50	488	225	402
8	Other	7	88%	248	1	271	8	252
	Total	1,320	75%	476	447	471	1,767	475

Table 8.4: CPP-D Capacity Reservation Charge Decisions

	Industry Types	Default CRC Level (50%)		Selected CRC Levels		Aggregate CRC Levels	
		# of Cust.	% of Cust.	# of Cust.	Ave. CRC Level	# of Cust.	Ave. CRC Level
1	Ag, Mining & Construction	14	61%	9	6%	23	26%
2	Manufacturing	93	49%	97	10%	190	26%
3a	Wholesale, Transport	45	29%	108	2%	153	16%
3b	Water Districts	15	14%	95	26%	110	29%
4	Retail Stores	67	56%	52	8%	119	29%
5a	Offices, Finance & Services	167	53%	148	9%	315	26%
5b	Hotels and Apartments	58	61%	37	12%	95	32%
6	Schools	123	93%	10	25%	133	48%
7	Institutional, Government	50	29%	125	5%	175	14%
8	Other	5	71%	2	0%	7	47%
	Total	637	48%	683	10%	1,320	26%

Overall, 75 percent of all customers and the same percent of demand stayed on the default CPP-D rate. The percent of customers who stayed on the default tariff exceeded 70 percent for all business types except hotels and apartment buildings, where it was only 52 percent. Wholesale and transportation had the highest stay rate, at 90 percent of all accounts.

As seen in Table 8.4, of the 1,320 service accounts that stayed on the CPP-D tariff, a little less than half (48 percent) accepted the default CRC amount of 50 percent. Of the 683 customers who did not accept the default amount, 513 (or 75 percent) set the reservation amount at zero, and 41 (6 percent) set their CRC amount at 50 percent (that is, they indicated they wanted a value of 50 percent rather than defaulting onto the 50 percent reservation amount).

8.3 Opt-Out Model Development and Validation

The default CPP-D tariff implemented by SDG&E is, to our knowledge, the first of its kind in the country and certainly the first default dynamic tariff in CA among the three major investor owned utilities. However, both SCE and PG&E will soon implement default dynamic pricing. The choices made by SDG&E's customers may provide some guidance on predicting the choices that customers might make in response to similar pricing strategies implemented elsewhere.[28] They may also be useful in helping SDG&E to predict the choices that additional non-residential customers are likely to make as they are defaulted onto the CPP-D tariff when their interval meters are installed over the next several years.

In order to extrapolate to other service territories, or to additional customers within SDG&E's service territory, it is necessary to control for differences in population characteristics between the group of customers that already made their choice and future customers who will be offered an identical or similar choice. This can be done through

[28] Our understanding is that PG&E plans to use a discrete choice model developed using data obtained in a recent stated-preference survey of a sample of non-residential customers as part of its forecasting of enrollment in CPP, until it has time to observe the opt-out decisions of customers moved to default CPP.

choice modeling. A choice model estimates the likelihood that a customer will choose between two or more options as a function of customer characteristics, the characteristics of the choices available, or both. This report section documents the choice models that were developed and that can be used by others to predict the percent of customers who are likely to stay on a similar rate or make an alternative selection.

Importantly, the models discussed below can control for differences in customer characteristics such as load shapes and industry type, and one of the models can adjust for the impact of differences between SDG&E's default and opt-out tariffs and those that might be relevant in other jurisdictions. However, none of the models can control for differences in the default process due to the lack of variation across these factors in the estimating sample. Specifically, choices made by SDG&E's customers may have been influenced by the first year bill protection provision of the default tariff. If so, the models presented here may under predict the opt-out rates for utilities that do not offer that option, since bill protection may increase the likelihood that customers will stay on the default tariff at least through the first 12 months. Furthermore, since the 12-month period is not yet complete, any future migration of customers from the default to the OAT has not yet occurred and is not reflected in the model. In short, while the models presented here, based on the validation evidence summarized below, are good predictors of the initial decisions that customers are likely to make elsewhere when presented with a similar set of choices along with first year bill protection, they may not be good predictors of what would occur without bill protection, nor do they predict customer decisions after the bill protection period ends.

Choice models based on individual customer data were estimated for both the decision of whether or not to stay on the default rate and whether or not to accept the default CRC reservation amount. Three probit models were estimated for each decision, with the main difference between them having to do with variables used to represent how customers might determine the likelihood of whether or not they would be better or worse off on the default rate. Two of the models assume that customers use heuristics[29] to make their choice while the third model assumes that customers base their choice on a comparison of bills under the two rate options available.

- **Percent CPP Load Model**: The key variable in this model equals the total kWh during the peak period on the top 9 system load days divided by annual kWh. This is meant to represent the percent of a customer's load that could be subject to high CPP prices. Calculating this value requires that customers have access to interval data. All SDG&E customers did have access to interval data but it takes some effort to retrieve it and there was no information available indicating whether customers accessed these data.

- **Percent Peak Load Model**: The key variable in this model is the percent of annual load that falls in the peak period on all summer days. All customers who were

[29] It should be noted that use of the word "heuristics" is not meant to imply that these models are any less formal or necessarily have less predictive power than the bill analysis model. This term means that customers may use rules of thumb rather than careful bill comparisons to make decisions.

defaulted onto the CPP-D tariff were already on TOU rates. As such, this variable could be calculated by a customer from information on their monthly bills.

- **Bill Comparison Model**: The key variable in this model is the difference in a customer's bill on the CPP-D and OAT tariffs, divided by the OAT bill amount, assuming no change in energy use. This variable indicates whether or not customer is a structural winner and the magnitude of that structural win or loss. This value was calculated based on the assumption that, on average, there will be 9 event days.

Clearly, all of the key variables in the three models are highly correlated, as the magnitude of structural wins and losses is largely a function of the percent load that is subject to high prices. An important advantage to the bill comparison model is that it can be used to reflect the impact of default and opt-out tariffs that differ from those that were used to estimate the model. That is, if another utility has a different set of default and opt-out tariffs (*e.g.*, higher or lower critical peak period prices) that produce different numbers of structural winners and losers, the model will reflect this difference in the forecasted participation rates for each option. However, if most customers rely on heuristic decision making, unless the alternative rates are extremely different from those underlying the estimating sample, the heuristic models may provide predictions that are at least as accurate as the bill comparison model. In fact, the heuristic model based on the percent of annual consumption during expected CPP hours actually predicts better for the estimating sample than does the bill comparison model. However, it is impossible to know which model has the highest external validity (*i.e.*, predicts best for alternative rate options) until choice data become available for some alternative options, and predicted and actual choices are compared. Until then, we recommend using the bill comparison model as it may have more perceived external credibility (as distinct from external validity) among certain stakeholder groups because it can reflect differences in tariff values whereas the other two models can not.

Spread sheet models that can be used to predict customer choices using all three models have been provided to SDG&E, PG&E, and SCE and may be available on request. The remainder of this discussion is focused on the bill comparison model, which contains the following variables:

- A continuous variable indicating the magnitude of a customer's structural benefit or loss under the assumption that there will be 9 event days.[30] Specifically, the variable is calculated as the difference in a customer's bill on the CPP-D and opt-out TOU tariffs, divided by the opt-out TOU bill amount, assuming no change in energy use.

- The coefficient of variation of the monthly bill amounts based on the OAT.

- A binary variable indicating whether a customer has high or low variation of monthly bills based on the OAT.

[30] The percent of customers who are structural winners will vary significantly with the number of assumed event days.

- The interaction between the second and third variables.
- Whether or not a customer had access to their interval data through SDG&E's My Account web tool, which provides access to interval data.
- Business type.

Several additional variables were tested but were not statistically significant in the bill comparison model, including the age of the account, load factor, customer size (annual kWh), volatility of demand during CPP like days, and climate zone. Appendix A contains the regression output for the bill comparison model, showing coefficient values, standard errors and other statistical measures. A table showing the effect of changes in the value of explanatory variables is also contained in the appendix.

In addition to the variables mentioned above that were tested but not included in the model due to lack of statistical significance, we also tested binary variables representing each individual customer service representative who were assigned to an account. Collectively, these variables nearly doubled the explanatory power of the model and there was wide variation across account representatives in the percent of assigned accounts that stayed on the default rate after controlling for load shapes, industry mix, and size. However, we did not have access to any information about the activities that account representatives engaged in with customers, so it was not possible to assess whether certain activities that other utilities might engage in with customers would influence customer choice. Put another way, the version of the model that includes account representative variables can not be used by other utilities to predict what choices would be made by their customers based on variation in account representative activity. As such, we excluded these variables from the three choice models.

Figures 8.1 through 8.4 compare predicted and actual values for the percent of customers by type who opt-out of the default tariff. As seen in Figure 8.2, the model does an extremely good job of predicting the percent of customers who leave the default rate for each business type. The figure also shows clearly the variation in opt-out rates across business segments and the much higher opt-out rate for hotels and apartments.

Figure 8.1: Opt Out Billing Analysis – Accuracy by Industry

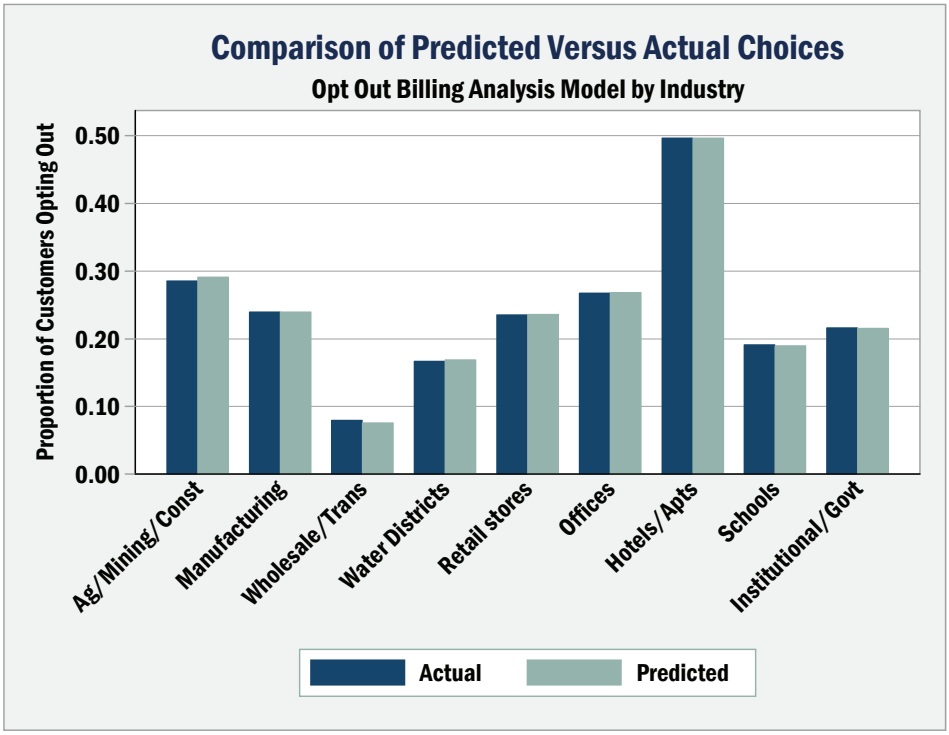
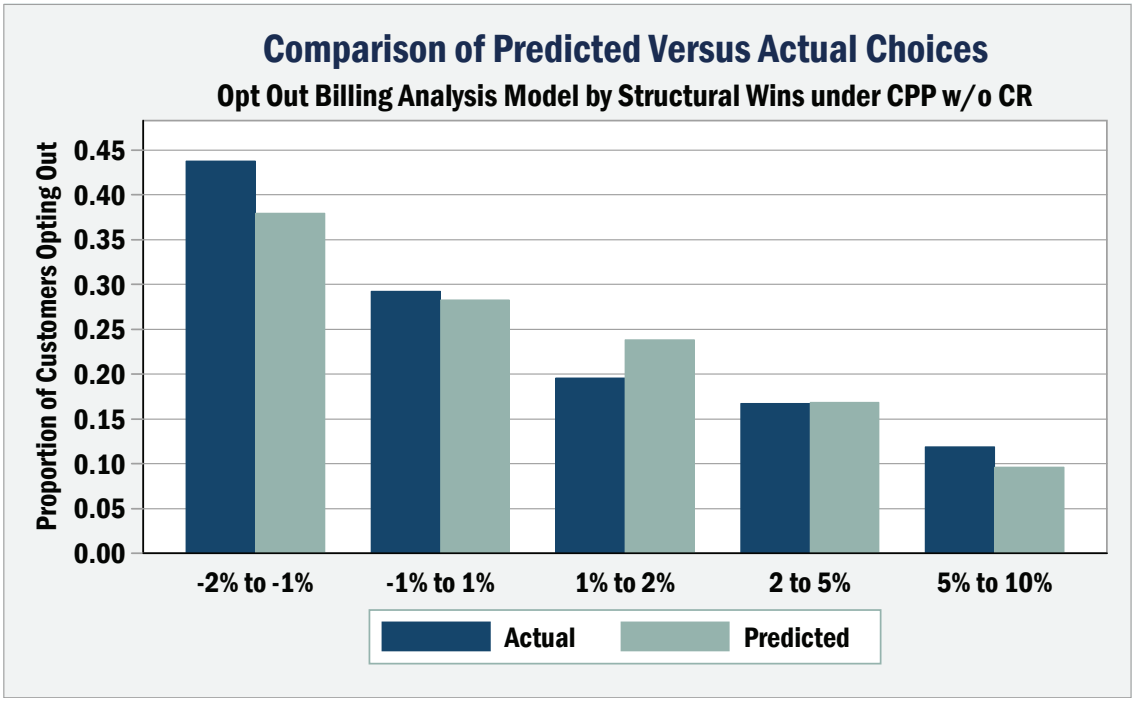


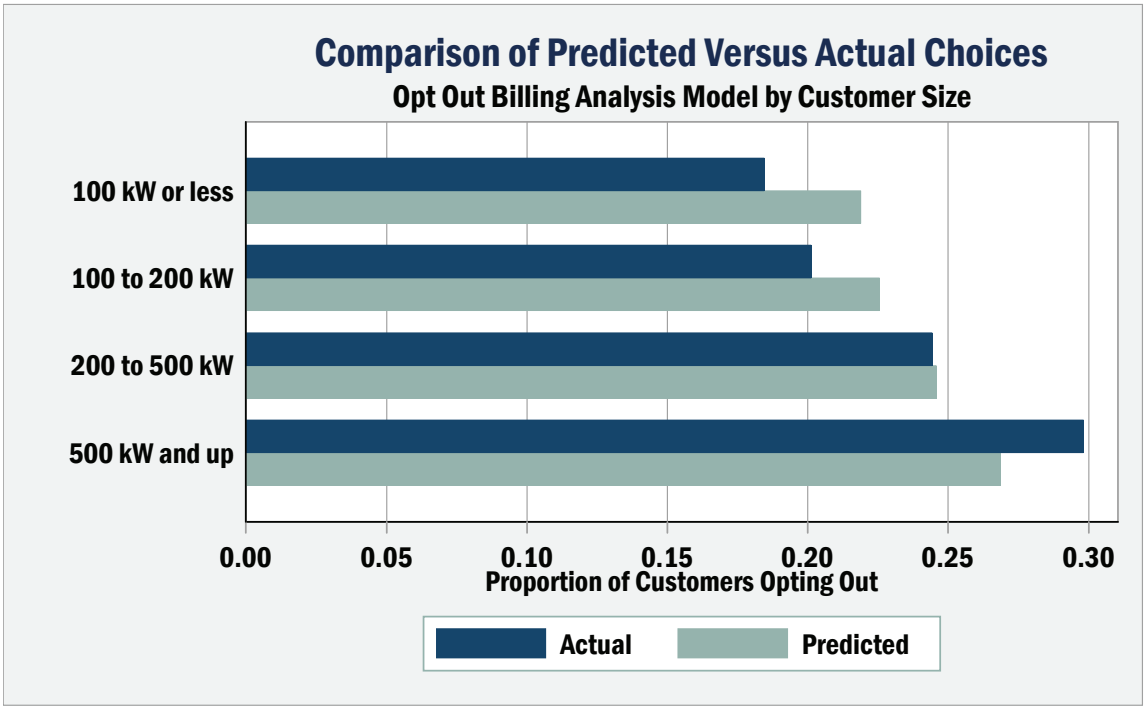
Figure 8.2 compares predicted and actual opt-out values for customers who are structural winners and losers. As indicated, structural losers have a much higher probability of choosing the OAT option than do structural winners, and the opt-rate varies with the magnitude of the predicted structural wins and losses.

Figure 8.2: Opt Out Billing Analysis – Accuracy by Percent Bill Change



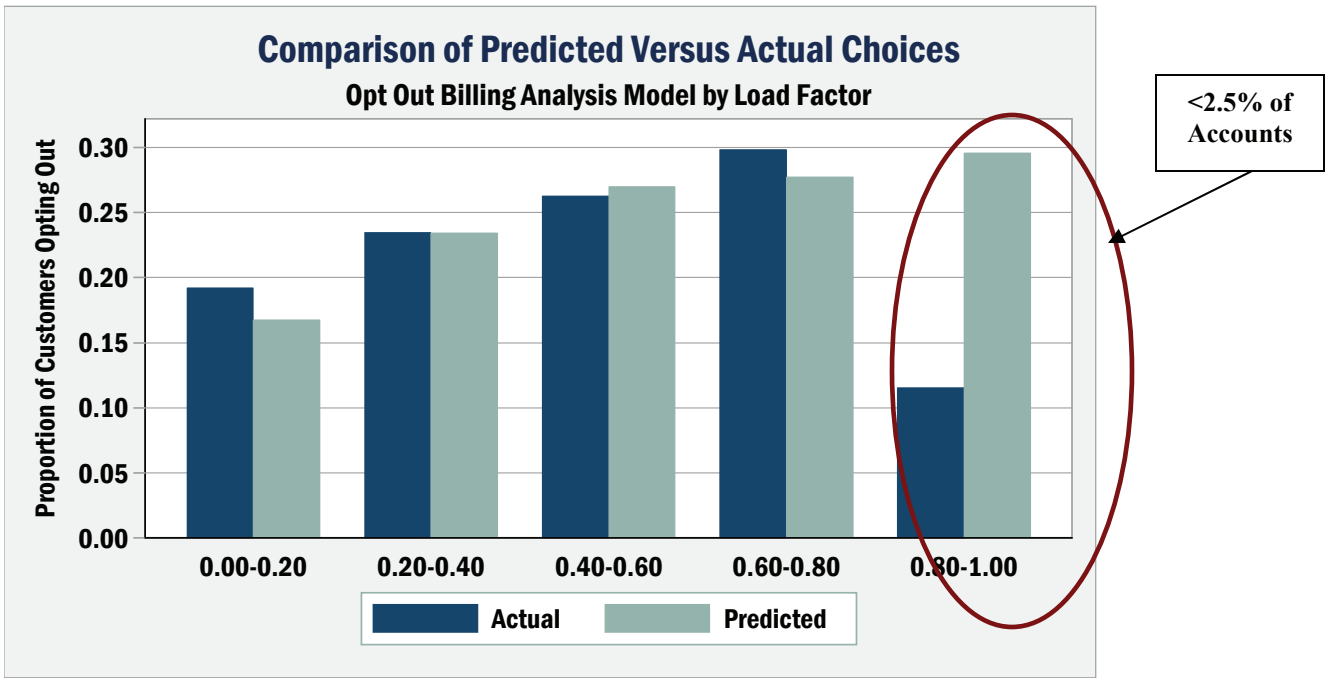
Even though customer size was not included in the model because it was not statistically significant, size may be correlated with other explanatory variables and a comparison of predicted and actual choices by size may still be of interest. Figure 8.3 shows the predicted and actual values by customer size. The model under predicts for large customers and over predicts for smaller customers, but the differences between predicted and actual values are not large (roughly 5 percentage points for the smallest customer segment and approximately 3 percentage points for the largest customer segment).

Figure 8.3: Opt Out Billing Analysis – *Accuracy by Customer Size*



The final validation comparison examines differences across customer segments distinguished by load factor. Once again, the difference between predicted and actual choices is not large except for the small number of very high-load factor customers in the sample.

Figure 8.4: Opt Out Billing Analysis – *Accuracy by Load Factor*



8.4 CRC Choice Model Development and Validation

A probit model was also estimated to predict the probability that a customer will select the default CRC amount of 50 percent of their CPP Maximum Demand, or will select an alternative reservation amount. Customers only pay CPP prices for the average hourly demand in excess of the capacity reservation amount during CPP events. Recall from earlier discussion that roughly half of the customers that stayed on the CPP-D tariff accepted the default reservation amount and the other half selected an alternative value. The majority of those who did not take the default value chose zero as their reservation load quantity.

The explanatory variables used in the probit model to predict the probability that the default reservation quantity would be accepted are:

- The ratio of the difference between the bill on the CPP-D tariff and on the OAT, divided by the OAT bill amount, assuming 9 event days and a zero reservation amount for CRC (*e.g.*, the percent of structural wins and losses);
- The prior variable interacted with whether or not a customer has access to My Account;
- The maximum summer, on-peak demand (kW);
- The maximum summer on-peak kW interacted with a binary variable (>350 kW) to account for non-linearities in the relationship;
- The percent of hours during the CPP period in which the load exceeds the capacity reservation amount;
- The volatility of the load during the peak period on the highest 9 system load days (coefficient of variation);
- The natural log of annual Mwh;
- Binary variables representing each business type.

Appendix B contains the regression output for the CRC default model, showing coefficient values, standard errors and other statistical measures. A table showing the effect of changes in the value of explanatory variables is also contained in the appendix.

Figures 8.5 through 8.8 compare actual and predicted values for various customer segments. As seen, the model predicts well in nearly all instances.

Figure 8.5: CRC Acceptance Model – *Accuracy by Industry*

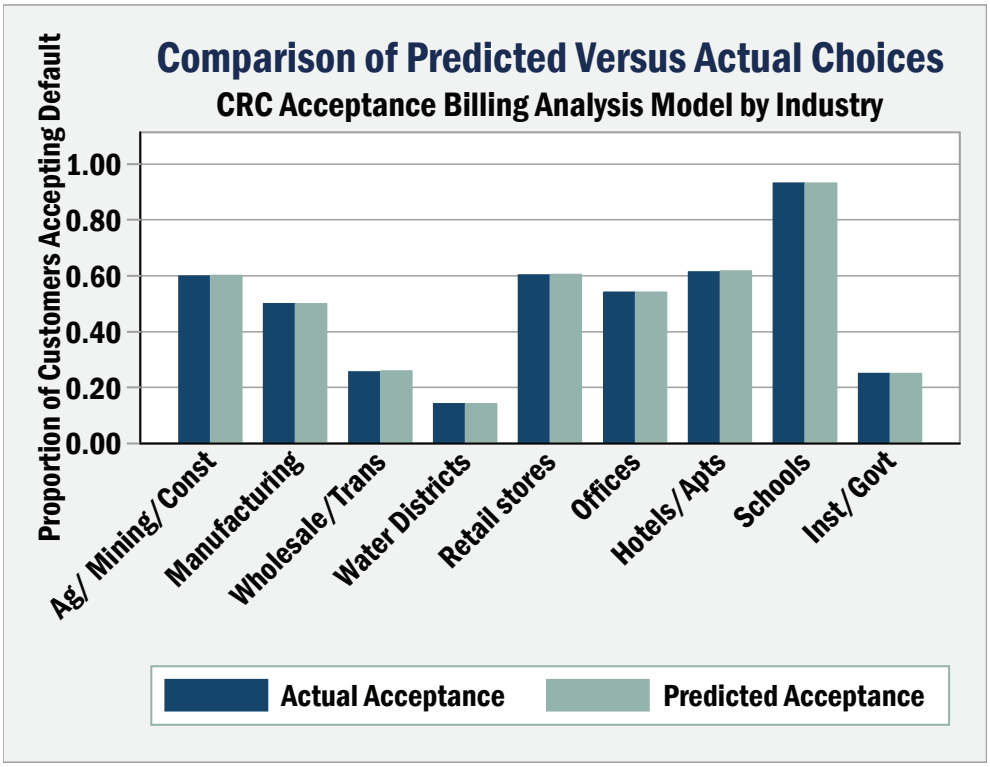


Figure 8.6: CRC Acceptance Model – *Accuracy by Bill Impacts*

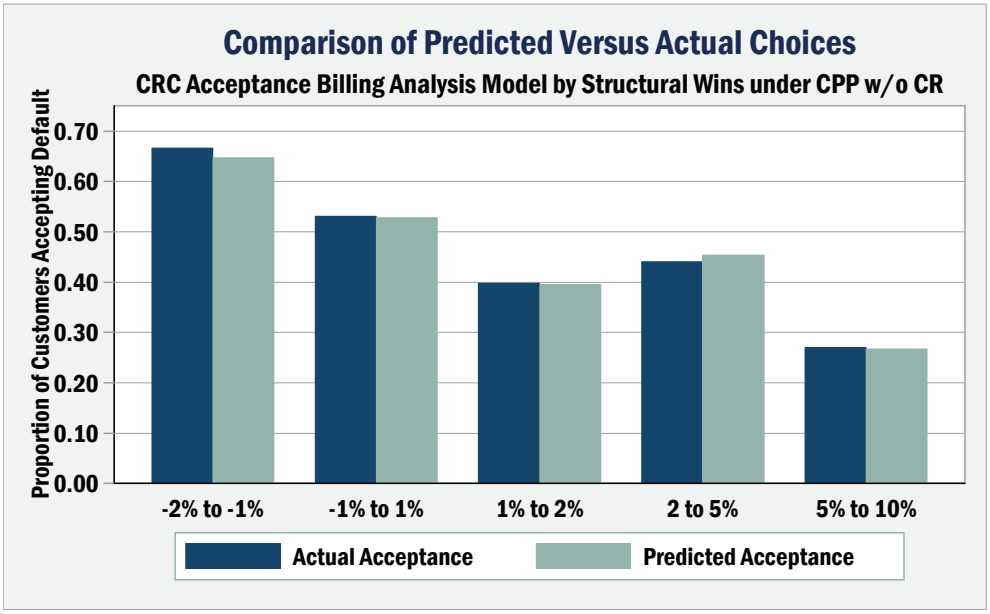


Figure 8.7: CRC Acceptance Model – *Accuracy by % of CPP Hours>CRC*

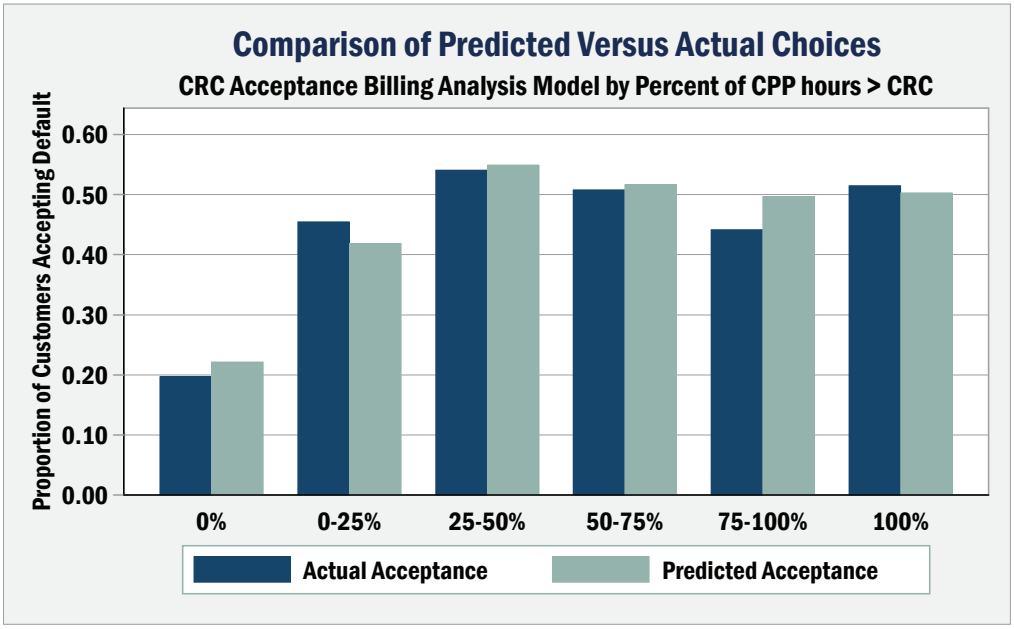
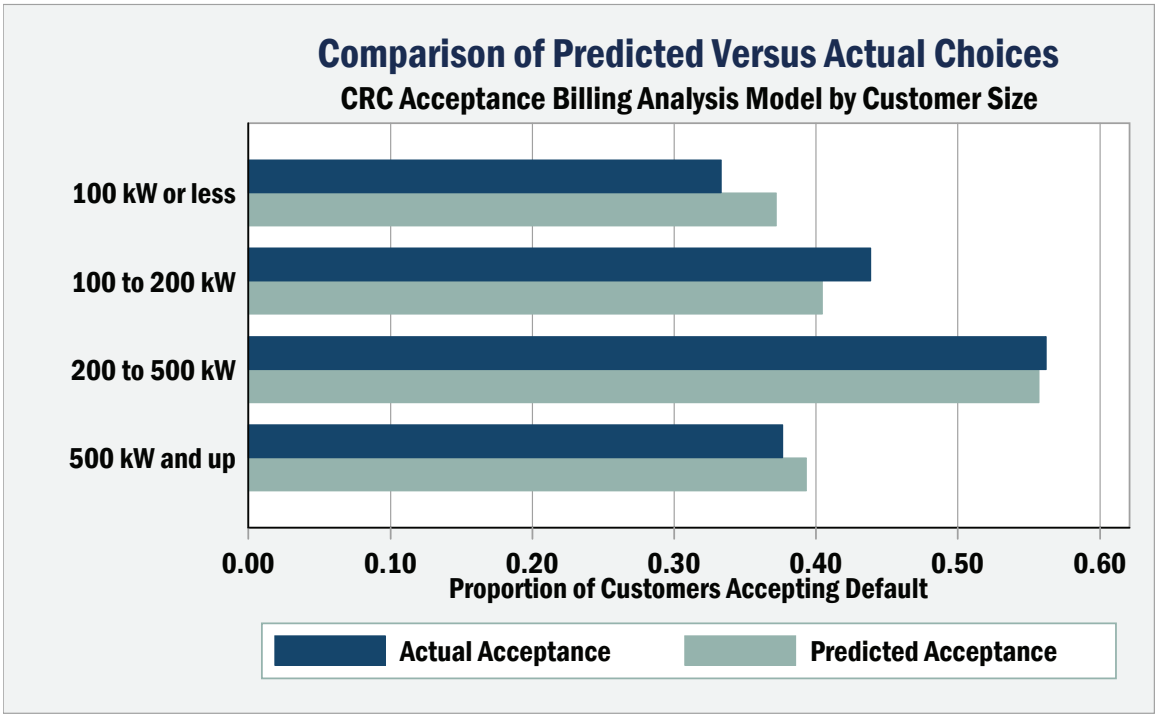


Figure 8.8: CRC Acceptance Model – *Accuracy by Customer Size*

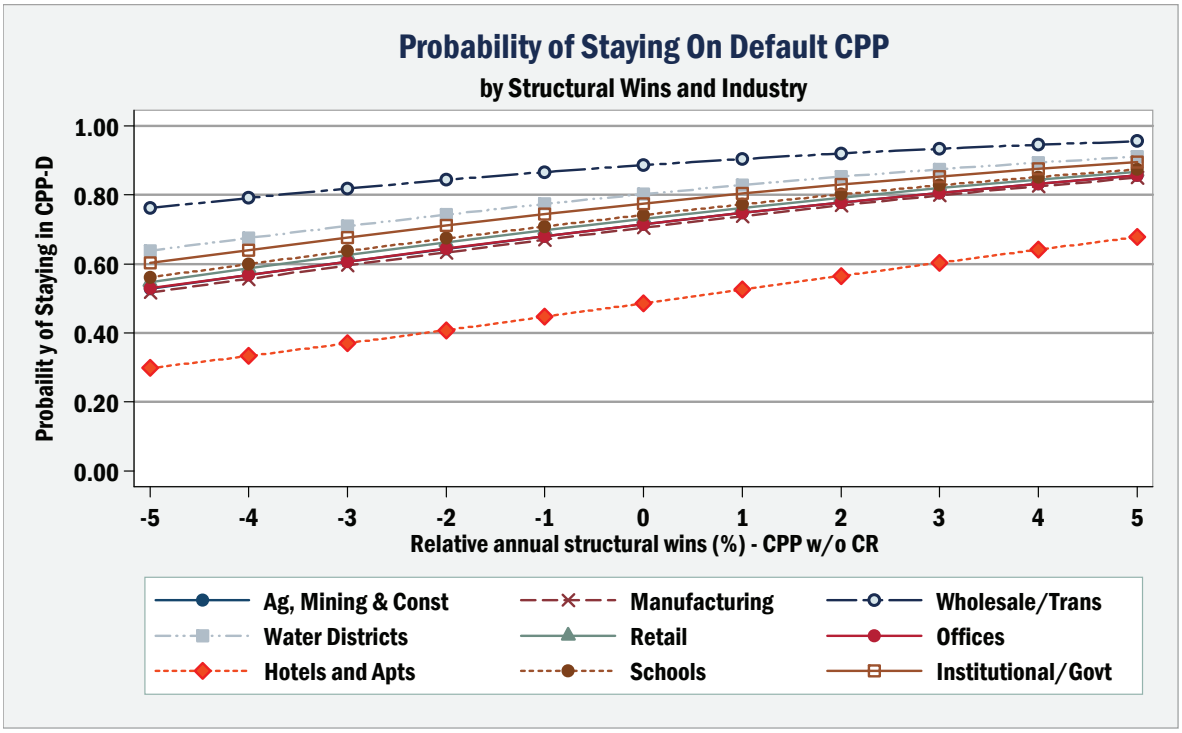


8.6 Predicting Opt-Out Rates and CRC Default Reservation Choices

As seen in the prior sections, the probit models documented here do a good job of predicting whether customers are likely to stay on a default dynamic rate and to accept default CRC reservation amounts if that feature is offered. The models can be used to predicting initial choices assuming that customers are defaulted onto a dynamic rate with first year bill protection. The key explanatory variables are business type and variables representing energy use, bill amounts and bill volatility under the tariff options offered.

Figure 8.9 shows the effect of two of the primary explanatory variables, the percent of total consumption during CPP hours and industry type, on the likelihood of staying on default CPP, while holding other factors constant. For example, a hotel with 2 percent structural losses has a 40 percent probability of staying on default CPP while a hotel with 2 percent structural wins has close to a 60 percent probability of staying on default CPP. In addition, the figure shows that wholesale and transportation customers are nearly twice as likely as hotels to stay on default CPP rates.

Figure 8.9: Probability of Staying on CPP-D – *by Bill Change*

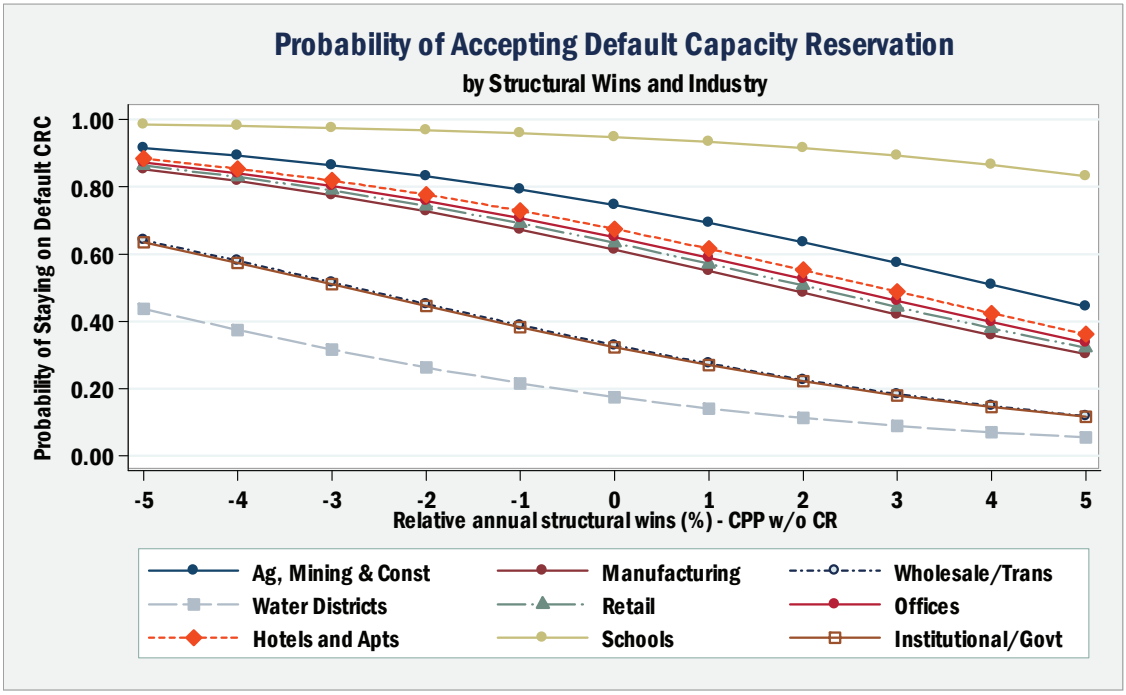


Another key explanatory variable was registration for the online account that provided access to billing tools. Customers that registered online had a 26 percent higher likelihood (or roughly 5 percentage points higher) of opting out of the CPP-D tariff than did customers that had not registered online. Finally, variables that reflect monthly bill volatility for the CPP and OAT tariffs were tested. A variable representing price volatility of bills under the CPP tariff was not statistically significant, although it consistently

indicated that the more volatility in monthly bills (assuming no change in behavior), the higher the likelihood of opting out of CPP-D. Customers with little expected TOU bill volatility—a function of their load shapes and limited volatility in peak demand—preferred the TOU rate and opted out of CPP-D at higher rates. However, the TOU bill volatility had little effect on the decision of customers that expected high bill volatility under TOU rates.

Figure 8.10 shows the relationship between structural benefits and losses and the likelihood of accepting the default reservation amount by industry. The downward sloping curves indicate that the greater the structural benefit, the less likely that a customer will accept the 50 percent default CRC value. Recall from prior discussion that the vast majority of customers who did not accept the default value selected zero as the reservation amount. Thus, the negative slope on the curves in Figure 8.10 indicate that the higher the structural benefit that is likely be obtained from staying on default CPP-D, the more likely a customer is to forgo the insurance against bill volatility that is provided by a high reservation amount.

Figure 8.10: Probability of Accepting Default CRC – *by Bill Change and Industry*



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Appendix A: Regression Statistics for Default Pricing Opt-out Model

Opt-out Regression - Share Model without Account Reps

Probit regression		**Number of obs =**	**1254**
		Wald chi2(13) =	**75.45**
		Prob > chi2 =	**0.0000**
Log pseudolikelihood	-646.7997	**Pseudo R2 =**	**0.0792**

Std. Error adjusted for 697 clusters in name

optout	Coef.	Std. Err.	z	P>z	[95% Conf.	Interval]
My Account	0.1952	0.1155	1.6900	0.0910	-0.0312	0.4216
PCT structural wins w/o CRC	-0.0992	0.0342	-2.9000	0.0040	-0.1662	-0.0322
Upper Half of Opt Out bill variation	-2.0961	0.5815	-3.6000	0.0000	-3.2359	-0.9563
Opt out (TOU) bill variation - Coefficient of variation	-5.3130	1.7468	-3.0400	0.0020	-8.7368	-1.8893
Upper Half of Opt Out bill variation X coefficient of variation	6.6768	1.7644	3.7800	0.0000	3.2186	10.1350
Agriculture, Mining & Construction	0.0012	0.3555	0.0000	0.9970	-0.6956	0.6980
Manufacturing	0.0297	0.1797	0.1700	0.8690	-0.3225	0.3818
Wholesale, Transport, other utilities	-0.6398	0.4581	-1.4000	0.1630	-1.5375	0.2580
Water Districts	-0.2819	0.3214	-0.8800	0.3800	-0.9118	0.3480
Retail stores	-0.0472	0.2601	-0.1800	0.8560	-0.5571	0.4626
Offices, Finance, Services						
Hotels and Apartment Buildings	0.6037	0.1711	3.5300	0.0000	0.2684	0.9389
Schools	-0.0803	0.3542	-0.2300	0.8210	-0.7745	0.6138
Institutional/Government	-0.1867	0.2209	-0.8500	0.3980	-0.6197	0.2462
Constant	0.9149	0.5443	1.6800	0.0930	-0.1519	1.9817

Effects of Changes Variable on Opt Out Rate

Probability of Opt-out (mean) = 0.248006

Variable	Mean	Std. Dev	min->max	0->1	-0.5	sd/2 (-/+)	Marg Efct
My Account	0.4370	0.4962	0.0595	0.0595	0.0590	0.0293	0.0590
PCT structural wins w/o CRC	1.2544	2.1148	-0.3466	-0.0316	-0.0300	-0.0634	-0.0300
Upper Half of Opt Out bill variation	0.3700	0.4830	-0.4930	-0.4930	-0.5828	-0.3004	-0.6340
Opt out (TOU) bill variation - Coefficient of variation	0.3677	0.1285	-0.7828	-0.8867	-0.9717	-0.2047	-1.6069
Upper Half of Opt Out bill variation X coefficient of variation	0.1737	0.2474	0.9715	0.9715	0.9952	0.4744	2.0193
Agriculture, Mining & Construction	0.0159	0.1253	0.0004	0.0004	0.0004	0.0000	0.0004
Manufacturing	0.1276	0.3338	0.0090	0.0090	0.0090	0.0030	0.0090
Wholesale, Transport, other utilities	0.0981	0.2975	-0.1546	-0.1546	-0.1920	-0.0575	-0.1935
Water Districts	0.0805	0.2722	-0.0775	-0.0775	-0.0851	-0.0232	-0.0852
Retail stores	0.0949	0.2932	-0.0141	-0.0141	-0.0143	-0.0042	-0.0143
Offices, Finance, Services							
Hotels and Apartment Buildings	0.1108	0.3141	0.2092	0.2092	0.1813	0.0573	0.1826
Schools	0.0877	0.2830	-0.0237	-0.0237	-0.0243	-0.0069	-0.0243
Institutional/Government	0.1292	0.3355	-0.0535	-0.0535	-0.0564	-0.0189	-0.0565
(*) dy/dx is for discrete change of dummy variable from 0 to 1							

Appendix B: Regression Statistics for CRC Default Choice Model

CRC Default Acceptance Regressions - Share Models with Account Reps

Probit regression		Number of c	= 943
		Wald chi2(1	= 155.78
		Prob > chi2	= 0.0000
Log pseudolikelihood	-509.95591	Pseudo R2	= 0.2186

(Std. Err. adjusted for 512 clusters in name)

CRC default acceptance	Coef.	Std. Err.	z	P>z	[95% Conf.	Interval]
My Account	-0.5914	0.1469	-4.0300	0.0000	-0.8793	-0.3036
PCT wins	-0.1609	0.0519	-3.1000	0.0020	-0.2627	-0.0592
Pct wins X My Account	0.1339	0.0496	2.7000	0.0070	0.0368	0.2310
% max summer on-peak kw >350	0.4574	0.2394	1.9100	0.0560	-0.0118	0.9267
Max Summer On-Peak kW	0.0019	0.0007	2.7500	0.0060	0.0005	0.0032
Max Summer On-Peak kW X >350	-0.0019	0.0007	-2.8100	0.0050	-0.0033	-0.0006
kW exceeds the default capacity reservation (%	0.5560	0.2723	2.0400	0.0410	0.0223	1.0897
CPP period coefficient of variation	0.6909	0.1779	3.8800	0.0000	0.3423	1.0396
Natural log of Annual MWh	-0.2406	0.0915	-2.6300	0.0090	-0.4199	-0.0614
Agriculture, Mining & Construction	0.2824	0.3657	0.7700	0.4400	-0.4343	0.9991
Manufacturing	-0.0930	0.1861	-0.5000	0.6170	-0.4577	0.2717
Wholesale, Transport, other utilities	-0.7874	0.4261	-1.8500	0.0650	-1.6226	0.0478
Water Districts	-1.2636	0.3194	-3.9600	0.0000	-1.8896	-0.6375
Retail stores	-0.0316	0.3788	-0.0800	0.9340	-0.7739	0.7108
Offices, Finance, Services						
Hotels and Apartment Buildings	0.0872	0.2313	0.3800	0.7060	-0.3662	0.5406
Schools	1.2919	0.2837	4.5500	0.0000	0.7358	1.8480
Institutional/Government	-0.8162	0.2271	-3.5900	0.0000	-1.2613	-0.3710
Constant	1.2553	0.6300	1.9900	0.0460	0.0206	2.4901

Effects of Changes Variable on CRC Acceptance

Variable	Mean	Std. Dev	min->max	0->1	-0.5	sd/2 (-/+)	Marg Efct
My Account	0.41	0.49	-0.2313	-0.2313	-0.2322	-0.1155	-0.2356
PCT wins	1.43	2.23	-0.7192	-0.0638	-0.0640	-0.1420	-0.0641
Pct wins X My Account	0.47	1.45	0.6317	0.0533	0.0533	0.0772	0.0533
% max summer on-peak kw >350	0.42	0.49	0.1809	0.1809	0.1807	0.0899	0.1822
Max Summer On-Peak kW	446.42	565.88	0.8137	0.0005	0.0007	0.4042	0.0007
Max Summer On-Peak kW X >350	333.08	616.13	-0.7244	-0.0007	-0.0008	-0.4513	-0.0008
kW exceeds the default capacity reservation (% of CPP hours)	0.72	0.37	0.2156	0.2156	0.2187	0.0817	0.2215
CPP period coefficient of variation	0.29	0.45	0.5971	0.2691	0.2699	0.1221	0.2753
Natural log of Annual MWh	6.99	1.05	-0.6382	-0.0308	-0.0956	-0.1007	-0.0959
Agriculture, Mining & Construction	0.02	0.13	0.1119	0.1119	0.1121	0.0141	0.1125
Manufacturing	0.13	0.33	-0.0369	-0.0369	-0.0370	-0.0124	-0.0370
Wholesale, Transport, other utilities	0.12	0.32	-0.2886	-0.2886	-0.3058	-0.1016	-0.3137
Water Districts	0.09	0.29	-0.4094	-0.4094	-0.4719	-0.1427	-0.5034
Retail stores	0.10	0.30	-0.0126	-0.0126	-0.0126	-0.0037	-0.0126
Offices, Finance, Services							0.0348
Hotels and Apartment Buildings	0.07	0.26	0.0348	0.0348	0.0347	0.0091	0.0348
Schools	0.09	0.29	0.4375	0.4375	0.4811	0.1497	0.5147
Institutional/Government	0.13	0.34	-0.2988	-0.2988	-0.3164	-0.1107	-0.3251

Appendix C: SCE CPP Ex Ante Load Impact Tables

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	5,446
Number of Accounts Enrolled:	5,446

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	815,598	830,060	-14,462	74	-22,489	-17,735	-14,462	-11,205	-6,531
2	789,547	803,072	-13,525	73	-21,342	-16,712	-13,525	-10,354	-5,802
3	766,453	779,231	-12,778	71	-20,355	-15,867	-12,778	-9,705	-5,294
4	769,472	781,722	-12,250	70	-19,934	-15,383	-12,250	-9,133	-4,660
5	839,132	852,479	-13,347	69	-21,783	-16,786	-13,347	-9,925	-5,015
6	965,412	981,190	-15,778	68	-25,592	-19,779	-15,778	-11,798	-6,087
7	1,103,771	1,122,029	-18,258	69	-29,535	-22,855	-18,258	-13,684	-7,121
8	1,212,506	1,231,274	-18,768	72	-31,108	-23,799	-18,768	-13,763	-6,583
9	1,258,462	1,276,932	-18,470	77	-31,267	-23,687	-18,470	-13,281	-5,836
10	1,294,917	1,313,619	-18,702	82	-31,808	-24,045	-18,702	-13,387	-5,762
11	1,306,529	1,325,191	-18,662	87	-31,860	-24,042	-18,662	-13,310	-5,633
12	1,255,609	1,273,263	-17,654	91	-30,205	-22,770	-17,654	-12,564	-5,262
13	1,175,665	1,088,350	87,315	93	63,341	77,587	87,315	96,931	110,619
14	1,163,266	1,076,357	86,909	94	63,057	77,231	86,909	96,475	110,093
15	1,096,227	1,014,697	81,530	94	59,107	72,431	81,530	90,523	103,326
16	1,030,459	952,739	77,720	93	57,100	69,352	77,720	85,993	97,773
17	981,751	905,419	76,332	92	57,111	68,530	76,332	84,046	95,034
18	916,281	844,064	72,216	91	54,431	64,997	72,216	79,357	89,528
19	957,503	972,242	-14,739	88	-23,866	-18,461	-14,739	-11,036	-5,721
20	1,007,623	1,023,558	-15,935	85	-25,552	-19,856	-15,935	-12,033	-6,432
21	1,012,246	1,028,192	-15,946	81	-25,604	-19,884	-15,946	-12,027	-6,403
22	961,612	976,995	-15,383	79	-24,572	-19,130	-15,383	-11,655	-6,303
23	888,544	903,489	-14,945	78	-23,598	-18,473	-14,945	-11,434	-6,394
24	843,288	858,301	-15,013	76	-23,283	-18,385	-15,013	-11,658	-6,841

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	24,411,873	24,214,467	197,405	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	5,446
Number of Accounts Enrolled:	5,446

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	150	152	-3	74	-4	-3	-3	-2	-1
2	145	147	-2	73	-4	-3	-2	-2	-1
3	141	143	-2	71	-4	-3	-2	-2	-1
4	141	144	-2	70	-4	-3	-2	-2	-1
5	154	157	-2	69	-4	-3	-2	-2	-1
6	177	180	-3	68	-5	-4	-3	-2	-1
7	203	206	-3	69	-5	-4	-3	-3	-1
8	223	226	-3	72	-6	-4	-3	-3	-1
9	231	234	-3	77	-6	-4	-3	-2	-1
10	238	241	-3	82	-6	-4	-3	-2	-1
11	240	243	-3	87	-6	-4	-3	-2	-1
12	231	234	-3	91	-6	-4	-3	-2	-1
13	216	200	16	93	12	14	16	18	20
14	214	198	16	94	12	14	16	18	20
15	201	186	15	94	11	13	15	17	19
16	189	175	14	93	10	13	14	16	18
17	180	166	14	92	10	13	14	15	17
18	168	155	13	91	10	12	13	15	16
19	176	179	-3	88	-4	-3	-3	-2	-1
20	185	188	-3	85	-5	-4	-3	-2	-1
21	186	189	-3	81	-5	-4	-3	-2	-1
22	177	179	-3	79	-5	-4	-3	-2	-1
23	163	166	-3	78	-4	-3	-3	-2	-1
24	155	158	-3	76	-4	-3	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,483	4,446	36	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	5,446
Number of Accounts Enrolled:	5,446

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	749,556	762,451	-12,895	74	-20,422	-15,964	-12,895	-9,841	-5,459
2	664,166	673,235	-9,069	73	-15,509	-11,695	-9,069	-6,457	-2,708
3	659,549	668,498	-8,949	72	-15,357	-11,562	-8,949	-6,349	-2,619
4	688,971	697,976	-9,005	70	-15,753	-11,756	-9,005	-6,268	-2,341
5	787,868	798,344	-10,476	69	-18,213	-13,630	-10,476	-7,338	-2,836
6	912,550	925,920	-13,370	68	-22,522	-17,101	-13,370	-9,658	-4,333
7	1,057,062	1,073,463	-16,401	68	-27,177	-20,794	-16,401	-12,030	-5,760
8	1,181,368	1,198,837	-17,469	70	-29,489	-22,369	-17,469	-12,595	-5,603
9	1,233,782	1,251,178	-17,396	74	-29,923	-22,502	-17,396	-12,316	-5,029
10	1,264,570	1,282,090	-17,520	79	-30,307	-22,733	-17,520	-12,335	-4,897
11	1,272,648	1,290,205	-17,557	83	-30,400	-22,792	-17,557	-12,350	-4,879
12	1,231,414	1,248,285	-16,871	86	-29,188	-21,892	-16,871	-11,876	-4,711
13	1,151,740	1,066,513	85,227	89	61,563	75,626	85,227	94,717	108,225
14	1,142,687	1,057,310	85,377	90	61,755	75,793	85,377	94,850	108,332
15	1,077,159	997,822	79,337	92	57,089	70,310	79,337	88,258	100,956
16	1,014,645	938,867	75,778	92	55,247	67,447	75,778	84,013	95,737
17	961,114	887,711	73,403	91	54,355	65,673	73,403	81,046	91,930
18	896,037	826,039	69,998	89	52,285	62,809	69,998	77,106	87,230
19	935,917	950,039	-14,122	86	-23,166	-17,809	-14,122	-10,453	-5,187
20	976,956	992,257	-15,301	82	-24,712	-19,138	-15,301	-11,483	-6,004
21	977,914	993,129	-15,215	79	-24,652	-19,063	-15,215	-11,387	-5,892
22	940,442	955,257	-14,815	77	-23,894	-18,517	-14,815	-11,131	-5,845
23	867,929	882,343	-14,414	75	-22,948	-17,893	-14,414	-10,952	-5,982
24	834,248	848,830	-14,582	74	-22,781	-17,925	-14,582	-11,256	-6,481

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,480,290	23,266,598	213,692	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	5,446
Number of Accounts Enrolled:	5,446

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	138	140	-2	74	-4	-3	-2	-2	-1
2	122	124	-2	73	-3	-2	-2	-1	0
3	121	123	-2	72	-3	-2	-2	-1	0
4	127	128	-2	70	-3	-2	-2	-1	0
5	145	147	-2	69	-3	-3	-2	-1	-1
6	168	170	-2	68	-4	-3	-2	-2	-1
7	194	197	-3	68	-5	-4	-3	-2	-1
8	217	220	-3	70	-5	-4	-3	-2	-1
9	227	230	-3	74	-5	-4	-3	-2	-1
10	232	235	-3	79	-6	-4	-3	-2	-1
11	234	237	-3	83	-6	-4	-3	-2	-1
12	226	229	-3	86	-5	-4	-3	-2	-1
13	211	196	16	89	11	14	16	17	20
14	210	194	16	90	11	14	16	17	20
15	198	183	15	92	10	13	15	16	19
16	186	172	14	92	10	12	14	15	18
17	176	163	13	91	10	12	13	15	17
18	165	152	13	89	10	12	13	14	16
19	172	174	-3	86	-4	-3	-3	-2	-1
20	179	182	-3	82	-5	-4	-3	-2	-1
21	180	182	-3	79	-5	-4	-3	-2	-1
22	173	175	-3	77	-4	-3	-3	-2	-1
23	159	162	-3	75	-4	-3	-3	-2	-1
24	153	156	-3	74	-4	-3	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,311	4,272	39	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	5,446
Number of Accounts Enrolled:	5,446

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	815,598	830,060	-14,462	74	-22,489	-17,735	-14,462	-11,205	-6,531
2	789,547	803,072	-13,525	73	-21,342	-16,712	-13,525	-10,354	-5,802
3	766,453	779,231	-12,778	71	-20,355	-15,867	-12,778	-9,705	-5,294
4	769,472	781,722	-12,250	70	-19,934	-15,383	-12,250	-9,133	-4,660
5	839,132	852,479	-13,347	69	-21,783	-16,786	-13,347	-9,925	-5,015
6	965,412	981,190	-15,778	68	-25,592	-19,779	-15,778	-11,798	-6,087
7	1,103,771	1,122,029	-18,258	69	-29,535	-22,855	-18,258	-13,684	-7,121
8	1,212,506	1,231,274	-18,768	72	-31,108	-23,799	-18,768	-13,763	-6,583
9	1,258,462	1,276,932	-18,470	77	-31,267	-23,687	-18,470	-13,281	-5,836
10	1,294,917	1,313,619	-18,702	82	-31,808	-24,045	-18,702	-13,387	-5,762
11	1,306,529	1,325,191	-18,662	87	-31,860	-24,042	-18,662	-13,310	-5,633
12	1,255,609	1,273,263	-17,654	91	-30,205	-22,770	-17,654	-12,564	-5,262
13	1,175,665	1,088,350	87,315	93	63,341	77,587	87,315	96,931	110,619
14	1,163,266	1,076,357	86,909	94	63,057	77,231	86,909	96,475	110,093
15	1,096,227	1,014,697	81,530	94	59,107	72,431	81,530	90,523	103,326
16	1,030,459	952,739	77,720	93	57,100	69,352	77,720	85,993	97,773
17	981,751	905,419	76,332	92	57,111	68,530	76,332	84,046	95,034
18	916,281	844,064	72,216	91	54,431	64,997	72,216	79,357	89,528
19	957,503	972,242	-14,739	88	-23,866	-18,461	-14,739	-11,036	-5,721
20	1,007,623	1,023,558	-15,935	85	-25,552	-19,856	-15,935	-12,033	-6,432
21	1,012,246	1,028,192	-15,946	81	-25,604	-19,884	-15,946	-12,027	-6,403
22	961,612	976,995	-15,383	79	-24,572	-19,130	-15,383	-11,655	-6,303
23	888,544	903,489	-14,945	78	-23,598	-18,473	-14,945	-11,434	-6,394
24	843,288	858,301	-15,013	76	-23,283	-18,385	-15,013	-11,658	-6,841
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	24,411,873	24,214,467	197,405	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	5,446
Number of Accounts Enrolled:	5,446

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	150	152	-3	74	-4	-3	-3	-2	-1
2	145	147	-2	73	-4	-3	-2	-2	-1
3	141	143	-2	71	-4	-3	-2	-2	-1
4	141	144	-2	70	-4	-3	-2	-2	-1
5	154	157	-2	69	-4	-3	-2	-2	-1
6	177	180	-3	68	-5	-4	-3	-2	-1
7	203	206	-3	69	-5	-4	-3	-3	-1
8	223	226	-3	72	-6	-4	-3	-3	-1
9	231	234	-3	77	-6	-4	-3	-2	-1
10	238	241	-3	82	-6	-4	-3	-2	-1
11	240	243	-3	87	-6	-4	-3	-2	-1
12	231	234	-3	91	-6	-4	-3	-2	-1
13	216	200	16	93	12	14	16	18	20
14	214	198	16	94	12	14	16	18	20
15	201	186	15	94	11	13	15	17	19
16	189	175	14	93	10	13	14	16	18
17	180	166	14	92	10	13	14	15	17
18	168	155	13	91	10	12	13	15	16
19	176	179	-3	88	-4	-3	-3	-2	-1
20	185	188	-3	85	-5	-4	-3	-2	-1
21	186	189	-3	81	-5	-4	-3	-2	-1
22	177	179	-3	79	-5	-4	-3	-2	-1
23	163	166	-3	78	-4	-3	-3	-2	-1
24	155	158	-3	76	-4	-3	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,483	4,446	36	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event: 5,446

Number of Accounts Enrolled: 5,446

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	749,556	762,451	-12,895	74	-20,422	-15,964	-12,895	-9,841	-5,459
2	664,166	673,235	-9,069	73	-15,509	-11,695	-9,069	-6,457	-2,708
3	659,549	668,498	-8,949	72	-15,357	-11,562	-8,949	-6,349	-2,619
4	688,971	697,976	-9,005	70	-15,753	-11,756	-9,005	-6,268	-2,341
5	787,868	798,344	-10,476	69	-18,213	-13,630	-10,476	-7,338	-2,836
6	912,550	925,920	-13,370	68	-22,522	-17,101	-13,370	-9,658	-4,333
7	1,057,062	1,073,463	-16,401	68	-27,177	-20,794	-16,401	-12,030	-5,760
8	1,181,368	1,198,837	-17,469	70	-29,489	-22,369	-17,469	-12,595	-5,603
9	1,233,782	1,251,178	-17,396	74	-29,923	-22,502	-17,396	-12,316	-5,029
10	1,264,570	1,282,090	-17,520	79	-30,307	-22,733	-17,520	-12,335	-4,897
11	1,272,648	1,290,205	-17,557	83	-30,400	-22,792	-17,557	-12,350	-4,879
12	1,231,414	1,248,285	-16,871	86	-29,188	-21,892	-16,871	-11,876	-4,711
13	1,151,740	1,066,513	85,227	89	61,563	75,626	85,227	94,717	108,225
14	1,142,687	1,057,310	85,377	90	61,755	75,793	85,377	94,850	108,332
15	1,077,159	997,822	79,337	92	57,089	70,310	79,337	88,258	100,956
16	1,014,645	938,867	75,778	92	55,247	67,447	75,778	84,013	95,737
17	961,114	887,711	73,403	91	54,355	65,673	73,403	81,046	91,930
18	896,037	826,039	69,998	89	52,285	62,809	69,998	77,106	87,230
19	935,917	950,039	-14,122	86	-23,166	-17,809	-14,122	-10,453	-5,187
20	976,956	992,257	-15,301	82	-24,712	-19,138	-15,301	-11,483	-6,004
21	977,914	993,129	-15,215	79	-24,652	-19,063	-15,215	-11,387	-5,892
22	940,442	955,257	-14,815	77	-23,894	-18,517	-14,815	-11,131	-5,845
23	867,929	882,343	-14,414	75	-22,948	-17,893	-14,414	-10,952	-5,982
24	834,248	848,830	-14,582	74	-22,781	-17,925	-14,582	-11,256	-6,481
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,480,290	23,266,598	213,692	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	5,446
Number of Accounts Enrolled:	5,446

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	138	140	-2	74	-4	-3	-2	-2	-1
2	122	124	-2	73	-3	-2	-2	-1	0
3	121	123	-2	72	-3	-2	-2	-1	0
4	127	128	-2	70	-3	-2	-2	-1	0
5	145	147	-2	69	-3	-3	-2	-1	-1
6	168	170	-2	68	-4	-3	-2	-2	-1
7	194	197	-3	68	-5	-4	-3	-2	-1
8	217	220	-3	70	-5	-4	-3	-2	-1
9	227	230	-3	74	-5	-4	-3	-2	-1
10	232	235	-3	79	-6	-4	-3	-2	-1
11	234	237	-3	83	-6	-4	-3	-2	-1
12	226	229	-3	86	-5	-4	-3	-2	-1
13	211	196	16	89	11	14	16	17	20
14	210	194	16	90	11	14	16	17	20
15	198	183	15	92	10	13	15	16	19
16	186	172	14	92	10	12	14	15	18
17	176	163	13	91	10	12	13	15	17
18	165	152	13	89	10	12	13	14	16
19	172	174	-3	86	-4	-3	-3	-2	-1
20	179	182	-3	82	-5	-4	-3	-2	-1
21	180	182	-3	79	-5	-4	-3	-2	-1
22	173	175	-3	77	-4	-3	-3	-2	-1
23	159	162	-3	75	-4	-3	-3	-2	-1
24	153	156	-3	74	-4	-3	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,311	4,272	39	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	3,464
Number of Accounts Enrolled:	3,464

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	523,044	534,356	-11,312	74	-17,325	-13,763	-11,312	-8,873	-5,375
2	506,819	517,350	-10,531	73	-16,400	-12,923	-10,531	-8,152	-4,739
3	490,463	500,401	-9,938	71	-15,619	-12,254	-9,938	-7,635	-4,331
4	495,179	504,782	-9,603	70	-15,394	-11,963	-9,603	-7,256	-3,889
5	544,103	554,700	-10,597	69	-16,989	-13,202	-10,597	-8,006	-4,290
6	634,719	647,300	-12,581	68	-20,086	-15,640	-12,581	-9,539	-5,176
7	730,896	745,412	-14,516	69	-23,197	-18,054	-14,516	-10,998	-5,953
8	795,325	810,241	-14,916	72	-24,404	-18,782	-14,916	-11,070	-5,557
9	820,140	834,877	-14,738	77	-24,586	-18,751	-14,738	-10,747	-5,026
10	839,152	854,045	-14,893	82	-24,974	-19,001	-14,893	-10,809	-4,952
11	844,605	859,476	-14,871	87	-25,038	-19,014	-14,871	-10,752	-4,846
12	803,200	817,262	-14,061	91	-23,703	-17,990	-14,061	-10,155	-4,554
13	746,498	687,208	59,290	93	40,942	51,852	59,290	66,635	77,074
14	740,437	681,570	58,867	94	40,591	51,457	58,867	66,182	76,580
15	692,287	637,833	54,455	94	37,331	47,513	54,455	61,308	71,050
16	640,879	589,504	51,375	93	35,818	45,068	51,375	57,603	66,458
17	602,964	552,673	50,291	92	35,974	44,485	50,291	56,026	64,180
18	564,087	516,024	48,063	91	34,867	42,711	48,063	53,350	60,870
19	594,864	606,386	-11,522	88	-18,317	-14,292	-11,522	-8,768	-4,816
20	626,258	638,635	-12,377	85	-19,526	-15,291	-12,377	-9,479	-5,321
21	629,117	641,579	-12,461	81	-19,633	-15,385	-12,461	-9,554	-5,383
22	599,202	611,249	-12,048	79	-18,873	-14,830	-12,048	-9,280	-5,311
23	563,935	575,733	-11,798	78	-18,254	-14,430	-11,798	-9,180	-5,424
24	539,488	551,264	-11,776	76	-17,965	-14,299	-11,776	-9,266	-5,666
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	15,567,662	15,469,860	97,801	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	3,464
Number of Accounts Enrolled:	3,464

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	154	-3	74	-5	-4	-3	-3	-2
2	146	149	-3	73	-5	-4	-3	-2	-1
3	142	144	-3	71	-5	-4	-3	-2	-1
4	143	146	-3	70	-4	-3	-3	-2	-1
5	157	160	-3	69	-5	-4	-3	-2	-1
6	183	187	-4	68	-6	-5	-4	-3	-1
7	211	215	-4	69	-7	-5	-4	-3	-2
8	230	234	-4	72	-7	-5	-4	-3	-2
9	237	241	-4	77	-7	-5	-4	-3	-1
10	242	247	-4	82	-7	-5	-4	-3	-1
11	244	248	-4	87	-7	-5	-4	-3	-1
12	232	236	-4	91	-7	-5	-4	-3	-1
13	216	198	17	93	12	15	17	19	22
14	214	197	17	94	12	15	17	19	22
15	200	184	16	94	11	14	16	18	21
16	185	170	15	93	10	13	15	17	19
17	174	160	15	92	10	13	15	16	19
18	163	149	14	91	10	12	14	15	18
19	172	175	-3	88	-5	-4	-3	-3	-1
20	181	184	-4	85	-6	-4	-4	-3	-2
21	182	185	-4	81	-6	-4	-4	-3	-2
22	173	176	-3	79	-5	-4	-3	-3	-2
23	163	166	-3	78	-5	-4	-3	-3	-2
24	156	159	-3	76	-5	-4	-3	-3	-2

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,494	4,466	28	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	3,464
Number of Accounts Enrolled:	3,464

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	484,708	494,917	-10,209	74	-15,890	-12,524	-10,209	-7,905	-4,602
2	409,577	416,584	-7,008	73	-11,770	-8,949	-7,008	-5,078	-2,309
3	408,241	415,247	-7,006	72	-11,754	-8,941	-7,006	-5,082	-2,322
4	428,766	435,886	-7,120	70	-12,147	-9,169	-7,120	-5,083	-2,162
5	493,792	502,124	-8,332	69	-14,127	-10,693	-8,332	-5,983	-2,615
6	587,679	598,371	-10,692	68	-17,652	-13,528	-10,692	-7,871	-3,827
7	694,139	707,185	-13,046	68	-21,332	-16,423	-13,046	-9,688	-4,873
8	771,651	785,523	-13,872	70	-23,116	-17,639	-13,872	-10,127	-4,756
9	800,675	814,528	-13,853	74	-23,490	-17,780	-13,853	-9,949	-4,351
10	816,039	829,971	-13,932	79	-23,765	-17,939	-13,932	-9,948	-4,237
11	819,343	833,302	-13,959	83	-23,844	-17,987	-13,959	-9,954	-4,212
12	786,081	799,501	-13,419	86	-22,879	-17,274	-13,419	-9,587	-4,092
13	733,107	675,247	57,861	89	39,696	50,497	57,861	65,130	75,462
14	729,687	671,743	57,944	90	39,783	50,582	57,944	65,211	75,539
15	683,078	630,058	53,019	92	35,956	46,103	53,019	59,847	69,551
16	634,080	583,929	50,151	92	34,578	43,837	50,151	56,383	65,243
17	593,546	545,143	48,402	91	34,116	42,610	48,402	54,122	62,255
18	556,775	510,020	46,755	89	33,492	41,377	46,755	52,066	59,620
19	585,075	596,066	-10,991	86	-17,773	-13,755	-10,991	-8,241	-4,298
20	610,059	621,876	-11,817	82	-18,855	-14,686	-11,817	-8,964	-4,872
21	611,450	623,265	-11,815	79	-18,872	-14,691	-11,815	-8,955	-4,852
22	588,681	600,202	-11,521	77	-18,302	-14,285	-11,521	-8,772	-4,829
23	554,037	565,370	-11,333	75	-17,745	-13,947	-11,333	-8,733	-5,004
24	533,498	544,900	-11,402	74	-17,564	-13,913	-11,402	-8,903	-5,319

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	14,913,763	14,800,958	112,805	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	3,464
Number of Accounts Enrolled:	3,464

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	143	-3	74	-5	-4	-3	-2	-1
2	118	120	-2	73	-3	-3	-2	-1	-1
3	118	120	-2	72	-3	-3	-2	-1	-1
4	124	126	-2	70	-4	-3	-2	-1	-1
5	143	145	-2	69	-4	-3	-2	-2	-1
6	170	173	-3	68	-5	-4	-3	-2	-1
7	200	204	-4	68	-6	-5	-4	-3	-1
8	223	227	-4	70	-7	-5	-4	-3	-1
9	231	235	-4	74	-7	-5	-4	-3	-1
10	236	240	-4	79	-7	-5	-4	-3	-1
11	237	241	-4	83	-7	-5	-4	-3	-1
12	227	231	-4	86	-7	-5	-4	-3	-1
13	212	195	17	89	11	15	17	19	22
14	211	194	17	90	11	15	17	19	22
15	197	182	15	92	10	13	15	17	20
16	183	169	14	92	10	13	14	16	19
17	171	157	14	91	10	12	14	16	18
18	161	147	13	89	10	12	13	15	17
19	169	172	-3	86	-5	-4	-3	-2	-1
20	176	180	-3	82	-5	-4	-3	-3	-1
21	177	180	-3	79	-5	-4	-3	-3	-1
22	170	173	-3	77	-5	-4	-3	-3	-1
23	160	163	-3	75	-5	-4	-3	-3	-1
24	154	157	-3	74	-5	-4	-3	-3	-2

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,305	4,273	33	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event: 2,408

Number of Accounts Enrolled: 2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event: 2,408

Number of Accounts Enrolled: 2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event: 2,408

Number of Accounts Enrolled: 2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event: 2,408

Number of Accounts Enrolled: 2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	341,606	348,936	-7,330	74	-11,470	-9,017	-7,330	-5,653	-3,247
2	331,828	338,581	-6,754	73	-10,811	-8,407	-6,754	-5,110	-2,752
3	321,298	327,648	-6,350	71	-10,284	-7,953	-6,350	-4,756	-2,470
4	325,869	331,934	-6,065	70	-10,100	-7,709	-6,065	-4,430	-2,086
5	359,266	365,950	-6,683	69	-11,152	-8,504	-6,683	-4,873	-2,277
6	422,614	430,569	-7,955	68	-13,244	-10,110	-7,955	-5,812	-2,740
7	490,757	499,959	-9,202	69	-15,379	-11,719	-9,202	-6,700	-3,113
8	537,048	546,484	-9,435	72	-16,260	-12,216	-9,435	-6,671	-2,709
9	557,347	566,685	-9,338	77	-16,499	-12,255	-9,338	-6,438	-2,281
10	571,856	581,320	-9,464	82	-16,833	-12,466	-9,464	-6,480	-2,203
11	578,124	587,609	-9,484	87	-16,966	-12,532	-9,484	-6,455	-2,113
12	551,290	560,349	-9,060	91	-16,200	-11,969	-9,060	-6,169	-2,025
13	514,366	475,232	39,134	93	25,370	33,557	39,134	44,637	52,452
14	510,053	471,453	38,600	94	24,895	33,047	38,600	44,079	51,859
15	476,070	440,811	35,259	94	22,407	30,051	35,259	40,396	47,692
16	436,158	403,198	32,960	93	21,400	28,275	32,960	37,582	44,148
17	405,113	373,066	32,047	92	21,563	27,798	32,047	36,241	42,200
18	376,400	345,800	30,600	91	21,049	26,728	30,600	34,422	39,854
19	394,621	402,133	-7,512	88	-12,337	-9,479	-7,512	-5,557	-2,754
20	413,269	421,318	-8,049	85	-13,088	-10,103	-8,049	-6,008	-3,080
21	414,440	422,551	-8,110	81	-13,152	-10,165	-8,110	-6,067	-3,137
22	393,822	401,657	-7,835	79	-12,614	-9,783	-7,835	-5,898	-3,121
23	369,229	376,904	-7,675	78	-12,147	-9,498	-7,675	-5,863	-3,264
24	352,381	360,048	-7,667	76	-11,930	-9,404	-7,667	-5,939	-3,461
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,444,825	10,380,195	64,630	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	142	145	-3	74	-5	-4	-3	-2	-1
2	138	141	-3	73	-4	-3	-3	-2	-1
3	133	136	-3	71	-4	-3	-3	-2	-1
4	135	138	-3	70	-4	-3	-3	-2	-1
5	149	152	-3	69	-5	-4	-3	-2	-1
6	176	179	-3	68	-6	-4	-3	-2	-1
7	204	208	-4	69	-6	-5	-4	-3	-1
8	223	227	-4	72	-7	-5	-4	-3	-1
9	231	235	-4	77	-7	-5	-4	-3	-1
10	237	241	-4	82	-7	-5	-4	-3	-1
11	240	244	-4	87	-7	-5	-4	-3	-1
12	229	233	-4	91	-7	-5	-4	-3	-1
13	214	197	16	93	11	14	16	19	22
14	212	196	16	94	10	14	16	18	22
15	198	183	15	94	9	12	15	17	20
16	181	167	14	93	9	12	14	16	18
17	168	155	13	92	9	12	13	15	18
18	156	144	13	91	9	11	13	14	17
19	164	167	-3	88	-5	-4	-3	-2	-1
20	172	175	-3	85	-5	-4	-3	-2	-1
21	172	175	-3	81	-5	-4	-3	-3	-1
22	164	167	-3	79	-5	-4	-3	-2	-1
23	153	157	-3	78	-5	-4	-3	-2	-1
24	146	150	-3	76	-5	-4	-3	-2	-1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	4,338	4,311	27	182.6	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event: 2,408

Number of Accounts Enrolled: 2,408

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	319,636	326,294	-6,657	74	-10,619	-8,272	-6,657	-5,052	-2,750
2	268,988	273,424	-4,436	73	-7,786	-5,801	-4,436	-3,079	-1,133
3	268,692	273,142	-4,450	72	-7,796	-5,813	-4,450	-3,095	-1,152
4	283,139	287,601	-4,461	70	-8,019	-5,911	-4,461	-3,020	-955
5	327,008	332,201	-5,193	69	-9,305	-6,868	-5,193	-3,528	-1,141
6	392,890	399,622	-6,732	68	-11,696	-8,754	-6,732	-4,721	-1,839
7	468,460	476,715	-8,255	68	-14,208	-10,681	-8,255	-5,844	-2,388
8	523,707	532,473	-8,767	70	-15,470	-11,498	-8,767	-6,052	-2,162
9	546,308	555,079	-8,771	74	-15,823	-11,644	-8,771	-5,915	-1,822
10	558,248	567,088	-8,840	79	-16,074	-11,787	-8,840	-5,911	-1,713
11	562,387	571,285	-8,899	83	-16,208	-11,877	-8,899	-5,939	-1,698
12	540,756	549,406	-8,650	86	-15,679	-11,513	-8,650	-5,803	-1,724
13	507,307	469,118	38,189	89	24,488	32,638	38,189	43,665	51,441
14	505,036	466,957	38,079	90	24,382	32,530	38,079	43,553	51,326
15	472,598	438,221	34,377	92	21,477	29,151	34,377	39,532	46,852
16	434,508	402,261	32,247	92	20,578	27,519	32,247	36,912	43,536
17	402,270	371,299	30,971	91	20,396	26,685	30,971	35,200	41,207
18	374,911	345,077	29,834	89	20,127	25,900	29,834	33,717	39,233
19	391,524	398,674	-7,149	86	-12,020	-9,134	-7,149	-5,176	-2,346
20	405,675	413,348	-7,673	82	-12,684	-9,715	-7,673	-5,643	-2,731
21	406,229	413,900	-7,671	79	-12,687	-9,715	-7,671	-5,639	-2,725
22	389,812	397,288	-7,476	77	-12,272	-9,430	-7,476	-5,533	-2,746
23	366,307	373,676	-7,370	75	-11,869	-9,203	-7,370	-5,546	-2,932
24	351,515	358,952	-7,437	74	-11,737	-9,189	-7,437	-5,694	-3,195
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,067,910	9,993,098	74,812	138.3	n/a	n/a	n/a	n/a	n/a

Utility:	Southern California Edison
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	Over 200 kW
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2 (2002)
Impact Level:	Program-level impacts

Number of Accounts Called/Notified of Event:	2,408
Number of Accounts Enrolled:	2,408

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	133	136	-3	74	-4	-3	-3	-2	-1
2	112	114	-2	73	-3	-2	-2	-1	0
3	112	113	-2	72	-3	-2	-2	-1	0
4	118	119	-2	70	-3	-2	-2	-1	0
5	136	138	-2	69	-4	-3	-2	-1	0
6	163	166	-3	68	-5	-4	-3	-2	-1
7	195	198	-3	68	-6	-4	-3	-2	-1
8	217	221	-4	70	-6	-5	-4	-3	-1
9	227	231	-4	74	-7	-5	-4	-2	-1
10	232	236	-4	79	-7	-5	-4	-2	-1
11	234	237	-4	83	-7	-5	-4	-2	-1
12	225	228	-4	86	-7	-5	-4	-2	-1
13	211	195	16	89	10	14	16	18	21
14	210	194	16	90	10	14	16	18	21
15	196	182	14	92	9	12	14	16	19
16	180	167	13	92	9	11	13	15	18
17	167	154	13	91	8	11	13	15	17
18	156	143	12	89	8	11	12	14	16
19	163	166	-3	86	-5	-4	-3	-2	-1
20	168	172	-3	82	-5	-4	-3	-2	-1
21	169	172	-3	79	-5	-4	-3	-2	-1
22	162	165	-3	77	-5	-4	-3	-2	-1
23	152	155	-3	75	-5	-4	-3	-2	-1
24	146	149	-3	74	-5	-4	-3	-2	-1
	Energy Use (kWh)	**Event Day Energy Use**	**Energy Use (kWh)**	**Degree Hours**	**Uncertainty Adjusted Impact (kWh/hour) - Percentiles**				
					10th	**30th**	**50th**	**70th**	**90th**
Daily	4,181	4,150	31	138.3	n/a	n/a	n/a	n/a	n/a

Appendix D: SDG&E CPP Ex Ante Load Impact Tables

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 699

Number of Accounts Enrolled: 699

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	322,976	324,162	-1,186	73	-2,818	-1,852	-1,186	-521	435
2	308,474	309,594	-1,119	72	-2,672	-1,753	-1,119	-487	422
3	300,445	301,515	-1,070	72	-2,574	-1,684	-1,070	-458	423
4	301,432	302,471	-1,039	72	-2,546	-1,654	-1,039	-426	457
5	315,608	316,706	-1,098	71	-2,690	-1,748	-1,098	-450	482
6	349,544	350,730	-1,186	70	-2,970	-1,914	-1,186	-460	585
7	400,260	401,370	-1,110	71	-3,215	-1,970	-1,110	-254	978
8	442,837	444,131	-1,294	73	-3,666	-2,263	-1,294	-329	1,060
9	484,763	486,189	-1,426	77	-4,026	-2,488	-1,426	-368	1,154
10	518,762	520,262	-1,500	81	-4,272	-2,631	-1,500	-372	1,251
11	550,012	551,651	-1,639	83	-4,568	-2,835	-1,639	-446	1,268
12	564,096	530,214	33,882	85	27,188	31,156	33,882	36,591	40,472
13	568,303	534,561	33,742	85	27,019	31,004	33,742	36,463	40,362
14	570,074	536,507	33,567	85	26,832	30,824	33,567	36,293	40,199
15	563,811	531,000	32,811	84	26,218	30,126	32,811	35,480	39,304
16	547,711	515,665	32,046	84	25,813	29,507	32,046	34,570	38,188
17	525,836	494,491	31,345	82	25,528	28,975	31,345	33,702	37,081
18	495,140	465,166	29,974	82	24,576	27,774	29,974	32,161	35,298
19	451,508	453,170	-1,661	79	-3,871	-2,564	-1,661	-761	533
20	426,984	428,543	-1,560	75	-3,644	-2,411	-1,560	-711	511
21	410,255	411,726	-1,472	73	-3,478	-2,291	-1,472	-655	521
22	382,244	383,558	-1,314	72	-3,193	-2,081	-1,314	-549	551
23	358,592	359,816	-1,224	72	-2,988	-1,944	-1,224	-505	528
24	336,248	337,397	-1,149	71	-2,808	-1,827	-1,149	-473	499
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,495,915	10,290,593	205,322	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 699

Number of Accounts Enrolled: 699

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	462	464	-2	73	-4	-3	-2	-1	1
2	442	443	-2	72	-4	-3	-2	-1	1
3	430	432	-2	72	-4	-2	-2	-1	1
4	431	433	-1	72	-4	-2	-1	-1	1
5	452	453	-2	71	-4	-3	-2	-1	1
6	500	502	-2	70	-4	-3	-2	-1	1
7	573	574	-2	71	-5	-3	-2	0	1
8	634	636	-2	73	-5	-3	-2	0	2
9	694	696	-2	77	-6	-4	-2	-1	2
10	743	745	-2	81	-6	-4	-2	-1	2
11	787	790	-2	83	-7	-4	-2	-1	2
12	807	759	48	85	39	45	48	52	58
13	813	765	48	85	39	44	48	52	58
14	816	768	48	85	38	44	48	52	58
15	807	760	47	84	38	43	47	51	56
16	784	738	46	84	37	42	46	49	55
17	753	708	45	82	37	41	45	48	53
18	709	666	43	82	35	40	43	46	51
19	646	649	-2	79	-6	-4	-2	-1	1
20	611	613	-2	75	-5	-3	-2	-1	1
21	587	589	-2	73	-5	-3	-2	-1	1
22	547	549	-2	72	-5	-3	-2	-1	1
23	513	515	-2	72	-4	-3	-2	-1	1
24	481	483	-2	71	-4	-3	-2	-1	1
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	15,023	14,729	294	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	699
Number of Accounts Enrolled:	699

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	325,285	326,483	-1,198	70	-2,859	-1,876	-1,198	-522	451
2	311,762	312,902	-1,141	70	-2,729	-1,789	-1,141	-494	436
3	305,191	306,296	-1,105	70	-2,654	-1,738	-1,105	-475	432
4	306,554	307,643	-1,089	69	-2,639	-1,722	-1,089	-458	450
5	320,640	321,804	-1,164	69	-2,795	-1,830	-1,164	-500	455
6	355,444	356,691	-1,247	69	-3,077	-1,994	-1,247	-501	571
7	407,687	408,857	-1,170	69	-3,334	-2,054	-1,170	-289	978
8	450,101	451,460	-1,358	71	-3,791	-2,352	-1,358	-368	1,056
9	490,775	492,266	-1,491	75	-4,150	-2,576	-1,491	-409	1,147
10	524,952	526,519	-1,567	79	-4,401	-2,724	-1,567	-413	1,246
11	557,723	559,441	-1,718	79	-4,718	-2,943	-1,718	-496	1,260
12	572,821	538,751	34,071	81	27,196	31,271	34,071	36,852	40,837
13	578,040	543,938	34,102	81	27,177	31,282	34,102	36,904	40,918
14	580,809	546,801	34,008	82	27,063	31,179	34,008	36,818	40,844
15	575,656	542,225	33,431	84	26,614	30,654	33,431	36,190	40,142
16	560,816	528,171	32,645	83	26,165	30,005	32,645	35,268	39,028
17	539,353	507,484	31,869	81	25,794	29,394	31,869	34,329	37,857
18	507,480	477,012	30,468	77	24,817	28,166	30,468	32,758	36,040
19	463,667	465,374	-1,707	75	-4,035	-2,658	-1,707	-759	605
20	439,007	440,625	-1,619	73	-3,823	-2,519	-1,619	-721	571
21	421,513	423,060	-1,547	73	-3,665	-2,412	-1,547	-685	556
22	392,635	394,041	-1,407	71	-3,389	-2,216	-1,407	-600	561
23	365,744	367,075	-1,331	71	-3,182	-2,087	-1,331	-578	506
24	344,726	345,983	-1,257	70	-3,011	-1,973	-1,257	-543	485
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,698,379	10,490,901	207,478	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2009
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 699

Number of Accounts Enrolled: 699

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	466	467	-2	70	-4	-3	-2	-1	1
2	446	448	-2	70	-4	-3	-2	-1	1
3	437	438	-2	70	-4	-2	-2	-1	1
4	439	440	-2	69	-4	-2	-2	-1	1
5	459	461	-2	69	-4	-3	-2	-1	1
6	509	511	-2	69	-4	-3	-2	-1	1
7	584	585	-2	69	-5	-3	-2	0	1
8	644	646	-2	71	-5	-3	-2	-1	2
9	702	705	-2	75	-6	-4	-2	-1	2
10	751	754	-2	79	-6	-4	-2	-1	2
11	798	801	-2	79	-7	-4	-2	-1	2
12	820	771	49	81	39	45	49	53	58
13	827	779	49	81	39	45	49	53	59
14	831	783	49	82	39	45	49	53	58
15	824	776	48	84	38	44	48	52	57
16	803	756	47	83	37	43	47	50	56
17	772	726	46	81	37	42	46	49	54
18	726	683	44	77	36	40	44	47	52
19	664	666	-2	75	-6	-4	-2	-1	1
20	628	631	-2	73	-5	-4	-2	-1	1
21	603	606	-2	73	-5	-3	-2	-1	1
22	562	564	-2	71	-5	-3	-2	-1	1
23	523	525	-2	71	-5	-3	-2	-1	1
24	493	495	-2	70	-4	-3	-2	-1	1
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	15,313	15,016	297	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	862
Number of Accounts Enrolled:	862

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	328,063	329,307	-1,243	73	-2,894	-1,917	-1,243	-571	396
2	313,320	314,493	-1,174	72	-2,744	-1,815	-1,174	-534	385
3	305,154	306,277	-1,123	72	-2,643	-1,744	-1,123	-504	387
4	306,137	307,228	-1,091	72	-2,614	-1,713	-1,091	-470	422
5	320,511	321,662	-1,152	71	-2,761	-1,809	-1,152	-496	447
6	354,932	356,176	-1,244	70	-3,048	-1,981	-1,244	-510	547
7	406,354	407,529	-1,175	71	-3,304	-2,044	-1,175	-309	937
8	449,672	451,041	-1,370	73	-3,768	-2,349	-1,370	-393	1,011
9	492,410	493,923	-1,513	77	-4,141	-2,586	-1,513	-443	1,095
10	527,070	528,665	-1,596	81	-4,397	-2,739	-1,596	-456	1,184
11	558,909	560,651	-1,743	83	-4,703	-2,951	-1,743	-538	1,195
12	573,261	536,820	36,441	85	29,628	33,666	36,441	39,199	43,150
13	577,534	541,200	36,334	85	29,491	33,547	36,334	39,104	43,073
14	579,346	543,171	36,175	85	29,319	33,382	36,175	38,950	42,926
15	573,030	537,613	35,418	84	28,706	32,683	35,418	38,135	42,029
16	556,695	522,060	34,635	84	28,289	32,049	34,635	37,206	40,891
17	534,429	500,552	33,878	82	27,955	31,464	33,878	36,277	39,719
18	503,150	470,763	32,387	82	26,893	30,148	32,387	34,614	37,808
19	458,751	460,498	-1,747	79	-3,981	-2,659	-1,747	-837	471
20	433,799	435,440	-1,641	75	-3,748	-2,502	-1,641	-783	452
21	416,792	418,343	-1,551	73	-3,579	-2,379	-1,551	-725	464
22	388,314	389,700	-1,386	72	-3,285	-2,162	-1,386	-613	500
23	364,266	365,555	-1,289	72	-3,073	-2,018	-1,289	-563	482
24	341,571	342,780	-1,209	71	-2,887	-1,894	-1,209	-526	457
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,663,468	10,441,446	222,022	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 862

Number of Accounts Enrolled: 862

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	380	382	-1	73	-3	-2	-1	-1	0
2	363	365	-1	72	-3	-2	-1	-1	0
3	354	355	-1	72	-3	-2	-1	-1	0
4	355	356	-1	72	-3	-2	-1	-1	0
5	372	373	-1	71	-3	-2	-1	-1	1
6	412	413	-1	70	-4	-2	-1	-1	1
7	471	473	-1	71	-4	-2	-1	0	1
8	521	523	-2	73	-4	-3	-2	0	1
9	571	573	-2	77	-5	-3	-2	-1	1
10	611	613	-2	81	-5	-3	-2	-1	1
11	648	650	-2	83	-5	-3	-2	-1	1
12	665	622	42	85	34	39	42	45	50
13	670	628	42	85	34	39	42	45	50
14	672	630	42	85	34	39	42	45	50
15	664	623	41	84	33	38	41	44	49
16	645	605	40	84	33	37	40	43	47
17	620	580	39	82	32	36	39	42	46
18	583	546	38	82	31	35	38	40	44
19	532	534	-2	79	-5	-3	-2	-1	1
20	503	505	-2	75	-4	-3	-2	-1	1
21	483	485	-2	73	-4	-3	-2	-1	1
22	450	452	-2	72	-4	-3	-2	-1	1
23	422	424	-1	72	-4	-2	-1	-1	1
24	396	397	-1	71	-3	-2	-1	-1	1

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	12,364	12,107	257	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 885

Number of Accounts Enrolled: 885

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	329,997	331,253	-1,256	70	-2,932	-1,940	-1,256	-573	409
2	316,272	317,468	-1,196	70	-2,799	-1,850	-1,196	-543	396
3	309,610	310,768	-1,159	70	-2,722	-1,797	-1,159	-522	393
4	310,978	312,120	-1,142	69	-2,706	-1,780	-1,142	-505	412
5	325,233	326,452	-1,218	69	-2,865	-1,891	-1,218	-548	416
6	360,477	361,783	-1,305	69	-3,154	-2,060	-1,305	-553	530
7	413,391	414,626	-1,235	69	-3,421	-2,128	-1,235	-346	934
8	456,527	457,961	-1,434	71	-3,891	-2,437	-1,434	-435	1,003
9	497,976	499,555	-1,579	75	-4,262	-2,674	-1,579	-486	1,084
10	532,796	534,459	-1,663	79	-4,524	-2,831	-1,663	-499	1,176
11	566,145	567,967	-1,822	79	-4,851	-3,059	-1,822	-590	1,183
12	581,507	544,935	36,572	81	29,580	33,724	36,572	39,402	43,456
13	586,808	550,171	36,637	81	29,594	33,768	36,637	39,487	43,571
14	589,640	553,075	36,565	82	29,501	33,688	36,565	39,424	43,520
15	584,451	548,461	35,990	84	29,055	33,165	35,990	38,797	42,819
16	569,383	534,195	35,189	83	28,596	32,503	35,189	37,858	41,685
17	547,529	513,174	34,355	81	28,175	31,837	34,355	36,859	40,448
18	515,064	482,236	32,828	77	27,082	30,487	32,828	35,157	38,495
19	470,538	472,332	-1,794	75	-4,144	-2,754	-1,794	-838	539
20	445,475	447,176	-1,701	73	-3,926	-2,610	-1,701	-795	509
21	427,708	429,335	-1,627	73	-3,764	-2,500	-1,627	-757	495
22	398,371	399,851	-1,480	71	-3,480	-2,297	-1,480	-666	505
23	371,055	372,454	-1,398	71	-3,266	-2,161	-1,398	-638	456
24	349,720	351,039	-1,319	70	-3,090	-2,042	-1,319	-598	439
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	10,856,652	10,632,846	223,806	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2010
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 885

Number of Accounts Enrolled: 885

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	373	374	-1	70	-3	-2	-1	-1	0
2	357	359	-1	70	-3	-2	-1	-1	0
3	350	351	-1	70	-3	-2	-1	-1	0
4	351	352	-1	69	-3	-2	-1	-1	0
5	367	369	-1	69	-3	-2	-1	-1	0
6	407	409	-1	69	-4	-2	-1	-1	1
7	467	468	-1	69	-4	-2	-1	0	1
8	516	517	-2	71	-4	-3	-2	0	1
9	562	564	-2	75	-5	-3	-2	-1	1
10	602	604	-2	79	-5	-3	-2	-1	1
11	639	641	-2	79	-5	-3	-2	-1	1
12	657	615	41	81	33	38	41	44	49
13	663	621	41	81	33	38	41	45	49
14	666	625	41	82	33	38	41	45	49
15	660	619	41	84	33	37	41	44	48
16	643	603	40	83	32	37	40	43	47
17	618	580	39	81	32	36	39	42	46
18	582	545	37	77	31	34	37	40	43
19	531	533	-2	75	-5	-3	-2	-1	1
20	503	505	-2	73	-4	-3	-2	-1	1
21	483	485	-2	73	-4	-3	-2	-1	1
22	450	452	-2	71	-4	-3	-2	-1	1
23	419	421	-2	71	-4	-2	-2	-1	1
24	395	396	-1	70	-3	-2	-1	-1	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	12,261	12,008	253	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 5,915

Number of Accounts Enrolled: 5,915

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	396,465	397,988	-1,523	73	-3,170	-2,196	-1,523	-851	116
2	377,769	379,206	-1,437	72	-3,004	-2,077	-1,437	-798	122
3	367,691	369,070	-1,379	72	-2,896	-1,999	-1,379	-761	130
4	367,540	368,882	-1,342	72	-2,862	-1,963	-1,342	-722	171
5	384,284	385,691	-1,408	71	-3,015	-2,065	-1,408	-752	192
6	425,174	426,694	-1,519	70	-3,324	-2,257	-1,519	-784	276
7	486,708	488,192	-1,485	71	-3,614	-2,355	-1,485	-616	634
8	541,582	543,319	-1,736	73	-4,133	-2,716	-1,736	-759	648
9	597,672	599,624	-1,953	77	-4,573	-3,023	-1,953	-885	654
10	641,959	644,051	-2,091	81	-4,880	-3,231	-2,091	-954	683
11	681,117	683,398	-2,281	83	-5,226	-3,484	-2,281	-1,080	649
12	698,565	651,795	46,770	85	37,817	43,114	46,770	50,416	55,663
13	703,585	656,847	46,738	85	37,744	43,065	46,738	50,401	55,671
14	705,233	658,648	46,585	85	37,580	42,908	46,585	50,252	55,529
15	697,796	652,036	45,760	84	36,918	42,149	45,760	49,362	54,546
16	678,859	634,065	44,795	84	36,366	41,352	44,795	48,229	53,174
17	652,363	608,661	43,702	82	35,778	40,465	43,702	46,932	51,585
18	614,216	572,562	41,654	82	34,282	38,642	41,654	44,660	48,990
19	561,418	563,593	-2,175	79	-4,399	-3,084	-2,175	-1,267	41
20	532,954	535,001	-2,047	75	-4,146	-2,905	-2,047	-1,191	44
21	514,149	516,094	-1,945	73	-3,966	-2,771	-1,945	-1,120	68
22	477,933	479,680	-1,747	72	-3,639	-2,520	-1,747	-975	138
23	445,608	447,224	-1,616	72	-3,394	-2,342	-1,616	-890	156
24	415,634	417,142	-1,508	71	-3,181	-2,192	-1,508	-826	158
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	12,966,274	12,679,462	286,811	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event: 5,915

Number of Accounts Enrolled: 5,915

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	67	67	0	73	-1	0	0	0	0
2	64	64	0	72	-1	0	0	0	0
3	62	62	0	72	0	0	0	0	0
4	62	62	0	72	0	0	0	0	0
5	65	65	0	71	-1	0	0	0	0
6	72	72	0	70	-1	0	0	0	0
7	82	83	0	71	-1	0	0	0	0
8	92	92	0	73	-1	0	0	0	0
9	101	101	0	77	-1	-1	0	0	0
10	109	109	0	81	-1	-1	0	0	0
11	115	116	0	83	-1	-1	0	0	0
12	118	110	8	85	6	7	8	9	9
13	119	111	8	85	6	7	8	9	9
14	119	111	8	85	6	7	8	8	9
15	118	110	8	84	6	7	8	8	9
16	115	107	8	84	6	7	8	8	9
17	110	103	7	82	6	7	7	8	9
18	104	97	7	82	6	7	7	8	8
19	95	95	0	79	-1	-1	0	0	0
20	90	90	0	75	-1	0	0	0	0
21	87	87	0	73	-1	0	0	0	0
22	81	81	0	72	-1	0	0	0	0
23	75	76	0	72	-1	0	0	0	0
24	70	71	0	71	-1	0	0	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	2,192	2,143	48	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	7,143
Number of Accounts Enrolled:	7,143

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	420,177	421,715	-1,537	70	-3,211	-2,221	-1,537	-854	130
2	401,737	403,200	-1,463	70	-3,063	-2,117	-1,463	-809	132
3	392,539	393,957	-1,419	70	-2,979	-2,056	-1,419	-782	135
4	392,514	393,911	-1,397	69	-2,959	-2,035	-1,397	-759	159
5	409,798	411,276	-1,478	69	-3,124	-2,151	-1,478	-807	161
6	453,300	454,883	-1,583	69	-3,432	-2,339	-1,583	-828	260
7	518,848	520,393	-1,545	69	-3,733	-2,439	-1,545	-652	634
8	577,783	579,586	-1,803	71	-4,259	-2,806	-1,803	-801	641
9	635,615	637,633	-2,017	75	-4,694	-3,111	-2,017	-926	647
10	682,597	684,754	-2,157	79	-5,006	-3,321	-2,157	-994	681
11	725,423	727,780	-2,358	79	-5,372	-3,589	-2,358	-1,128	644
12	744,443	695,311	49,132	81	39,391	45,153	49,132	53,103	58,821
13	750,935	701,636	49,299	81	39,488	45,291	49,299	53,298	59,057
14	754,230	704,951	49,279	82	39,438	45,259	49,279	53,290	59,066
15	747,990	699,344	48,646	84	38,951	44,685	48,646	52,598	58,291
16	730,176	682,520	47,656	83	38,353	43,854	47,656	51,450	56,916
17	702,991	656,572	46,418	81	37,627	42,825	46,418	50,005	55,175
18	661,639	617,436	44,204	77	36,002	40,852	44,204	47,550	52,374
19	606,871	609,095	-2,224	75	-4,567	-3,181	-2,224	-1,267	112
20	576,509	578,615	-2,106	73	-4,326	-3,013	-2,106	-1,199	107
21	556,905	558,925	-2,021	73	-4,154	-2,892	-2,021	-1,150	105
22	517,778	519,620	-1,842	71	-3,838	-2,658	-1,842	-1,027	148
23	479,155	480,881	-1,726	71	-3,591	-2,489	-1,726	-965	132
24	447,494	449,114	-1,621	70	-3,388	-2,343	-1,621	-899	141
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	13,887,446	13,583,106	304,340	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2011
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	7,143
Number of Accounts Enrolled:	7,143

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	59	59	0	70	0	0	0	0	0
2	56	56	0	70	0	0	0	0	0
3	55	55	0	70	0	0	0	0	0
4	55	55	0	69	0	0	0	0	0
5	57	58	0	69	0	0	0	0	0
6	63	64	0	69	0	0	0	0	0
7	73	73	0	69	-1	0	0	0	0
8	81	81	0	71	-1	0	0	0	0
9	89	89	0	75	-1	0	0	0	0
10	96	96	0	79	-1	0	0	0	0
11	102	102	0	79	-1	-1	0	0	0
12	104	97	7	81	6	6	7	7	8
13	105	98	7	81	6	6	7	7	8
14	106	99	7	82	6	6	7	7	8
15	105	98	7	84	5	6	7	7	8
16	102	96	7	83	5	6	7	7	8
17	98	92	6	81	5	6	6	7	8
18	93	86	6	77	5	6	6	7	7
19	85	85	0	75	-1	0	0	0	0
20	81	81	0	73	-1	0	0	0	0
21	78	78	0	73	-1	0	0	0	0
22	72	73	0	71	-1	0	0	0	0
23	67	67	0	71	-1	0	0	0	0
24	63	63	0	70	0	0	0	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	1,944	1,902	43	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	20,435
Number of Accounts Enrolled:	20,435

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	631,402	633,128	-1,726	73	-3,381	-2,404	-1,726	-1,047	-65
2	599,156	600,785	-1,629	72	-3,203	-2,274	-1,629	-983	-49
3	581,787	583,350	-1,563	72	-3,087	-2,188	-1,563	-938	-34
4	577,547	579,066	-1,520	72	-3,048	-2,146	-1,520	-892	14
5	603,194	604,775	-1,582	71	-3,201	-2,245	-1,582	-917	43
6	667,839	669,534	-1,695	70	-3,516	-2,441	-1,695	-949	131
7	764,825	766,486	-1,661	71	-3,816	-2,543	-1,661	-778	498
8	858,325	860,302	-1,977	73	-4,394	-2,967	-1,977	-987	444
9	959,309	961,606	-2,297	77	-4,924	-3,373	-2,297	-1,220	337
10	1,036,961	1,039,492	-2,531	81	-5,313	-3,670	-2,531	-1,390	261
11	1,102,091	1,104,891	-2,800	83	-5,728	-3,999	-2,800	-1,598	139
12	1,130,824	1,056,590	74,234	85	58,114	67,629	74,234	80,852	90,433
13	1,139,289	1,064,867	74,422	85	58,205	67,777	74,422	81,081	90,721
14	1,140,184	1,065,946	74,238	85	58,019	67,592	74,238	80,897	90,537
15	1,128,300	1,055,167	73,133	84	57,148	66,583	73,133	79,698	89,202
16	1,101,212	1,029,581	71,631	84	56,201	65,307	71,631	77,970	87,150
17	1,062,640	992,899	69,741	82	55,029	63,710	69,741	75,788	84,546
18	1,001,313	935,149	66,164	82	52,405	60,523	66,164	71,820	80,013
19	919,229	921,782	-2,552	79	-4,772	-3,462	-2,552	-1,640	-320
20	879,152	881,539	-2,387	75	-4,487	-3,248	-2,387	-1,525	-276
21	855,076	857,343	-2,267	73	-4,289	-3,096	-2,267	-1,436	-232
22	790,969	792,998	-2,029	72	-3,926	-2,806	-2,029	-1,249	-121
23	728,391	730,251	-1,860	72	-3,646	-2,592	-1,860	-1,127	-65
24	671,383	673,112	-1,728	71	-3,408	-2,417	-1,728	-1,039	-40

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	20,930,396	20,460,637	469,759	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	20,435
Number of Accounts Enrolled:	20,435

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	31	31	0	73	0	0	0	0	0
2	29	29	0	72	0	0	0	0	0
3	28	29	0	72	0	0	0	0	0
4	28	28	0	72	0	0	0	0	0
5	30	30	0	71	0	0	0	0	0
6	33	33	0	70	0	0	0	0	0
7	37	38	0	71	0	0	0	0	0
8	42	42	0	73	0	0	0	0	0
9	47	47	0	77	0	0	0	0	0
10	51	51	0	81	0	0	0	0	0
11	54	54	0	83	0	0	0	0	0
12	55	52	4	85	3	3	4	4	4
13	56	52	4	85	3	3	4	4	4
14	56	52	4	85	3	3	4	4	4
15	55	52	4	84	3	3	4	4	4
16	54	50	4	84	3	3	4	4	4
17	52	49	3	82	3	3	3	4	4
18	49	46	3	82	3	3	3	4	4
19	45	45	0	79	0	0	0	0	0
20	43	43	0	75	0	0	0	0	0
21	42	42	0	73	0	0	0	0	0
22	39	39	0	72	0	0	0	0	0
23	36	36	0	72	0	0	0	0	0
24	33	33	0	71	0	0	0	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	1,024	1,001	23	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	20,489
Number of Accounts Enrolled:	20,489

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	638,452	640,205	-1,753	70	-3,432	-2,441	-1,753	-1,064	-68
2	608,760	610,430	-1,669	70	-3,275	-2,327	-1,669	-1,011	-58
3	592,863	594,481	-1,618	70	-3,183	-2,259	-1,618	-976	-47
4	589,336	590,926	-1,590	69	-3,158	-2,232	-1,590	-947	-17
5	614,376	616,045	-1,669	69	-3,323	-2,346	-1,669	-991	-10
6	678,770	680,545	-1,775	69	-3,639	-2,538	-1,775	-1,011	93
7	775,137	776,875	-1,738	69	-3,948	-2,643	-1,738	-833	476
8	872,013	874,075	-2,062	71	-4,534	-3,074	-2,062	-1,049	416
9	969,344	971,721	-2,377	75	-5,058	-3,475	-2,377	-1,278	311
10	1,046,653	1,049,263	-2,610	79	-5,451	-3,774	-2,610	-1,445	239
11	1,113,582	1,116,471	-2,889	79	-5,884	-4,116	-2,889	-1,660	116
12	1,142,209	1,067,832	74,377	81	58,032	67,680	74,377	81,088	90,800
13	1,152,355	1,077,571	74,784	81	58,307	68,033	74,784	81,548	91,339
14	1,156,821	1,081,971	74,850	82	58,321	68,077	74,850	81,635	91,457
15	1,147,773	1,073,727	74,046	84	57,707	67,351	74,046	80,756	90,467
16	1,123,723	1,051,084	72,639	83	56,800	66,148	72,639	79,144	88,564
17	1,085,031	1,014,388	70,643	81	55,518	64,444	70,643	76,858	85,859
18	1,021,794	954,817	66,977	77	52,823	61,175	66,977	72,793	81,217
19	941,455	944,073	-2,618	75	-4,955	-3,576	-2,618	-1,659	-270
20	898,123	900,580	-2,458	73	-4,677	-3,367	-2,458	-1,547	-228
21	874,551	876,904	-2,353	73	-4,487	-3,228	-2,353	-1,477	-208
22	810,660	812,793	-2,133	71	-4,134	-2,953	-2,133	-1,312	-123
23	743,317	745,299	-1,982	71	-3,853	-2,749	-1,982	-1,214	-103
24	685,099	686,952	-1,853	70	-3,627	-2,580	-1,853	-1,125	-72

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	21,282,196	20,809,028	473,168	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2012
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	20,489
Number of Accounts Enrolled:	20,489

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	31	31	0	70	0	0	0	0	0
2	30	30	0	70	0	0	0	0	0
3	29	29	0	70	0	0	0	0	0
4	29	29	0	69	0	0	0	0	0
5	30	30	0	69	0	0	0	0	0
6	33	33	0	69	0	0	0	0	0
7	38	38	0	69	0	0	0	0	0
8	43	43	0	71	0	0	0	0	0
9	47	47	0	75	0	0	0	0	0
10	51	51	0	79	0	0	0	0	0
11	54	54	0	79	0	0	0	0	0
12	56	52	4	81	3	3	4	4	4
13	56	53	4	81	3	3	4	4	4
14	56	53	4	82	3	3	4	4	4
15	56	52	4	84	3	3	4	4	4
16	55	51	4	83	3	3	4	4	4
17	53	50	3	81	3	3	3	4	4
18	50	47	3	77	3	3	3	4	4
19	46	46	0	75	0	0	0	0	0
20	44	44	0	73	0	0	0	0	0
21	43	43	0	73	0	0	0	0	0
22	40	40	0	71	0	0	0	0	0
23	36	36	0	71	0	0	0	0	0
24	33	34	0	70	0	0	0	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	1,039	1,016	23	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	23,169
Number of Accounts Enrolled:	23,169

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	649,931	652,861	-2,930	73	-4,516	-3,580	-2,930	-2,279	-1,335
2	616,743	619,508	-2,766	72	-4,274	-3,384	-2,766	-2,146	-1,249
3	598,696	601,354	-2,659	72	-4,120	-3,258	-2,659	-2,058	-1,189
4	594,121	596,712	-2,591	72	-4,059	-3,193	-2,591	-1,988	-1,115
5	620,057	622,745	-2,688	71	-4,247	-3,327	-2,688	-2,048	-1,121
6	685,998	688,907	-2,909	70	-4,666	-3,629	-2,909	-2,188	-1,144
7	784,875	787,908	-3,032	71	-5,118	-3,887	-3,032	-2,177	-939
8	882,499	886,076	-3,578	73	-5,907	-4,532	-3,578	-2,622	-1,239
9	989,496	993,692	-4,197	77	-6,707	-5,225	-4,197	-3,165	-1,673
10	1,072,616	1,077,294	-4,678	81	-7,317	-5,759	-4,678	-3,593	-2,023
11	1,142,314	1,147,461	-5,147	83	-7,910	-6,280	-5,147	-4,012	-2,367
12	1,173,253	1,092,093	81,160	85	63,904	74,086	81,160	88,253	98,529
13	1,182,386	1,100,952	81,434	85	64,062	74,312	81,434	88,575	98,920
14	1,183,709	1,102,429	81,280	85	63,897	74,154	81,280	88,426	98,777
15	1,171,794	1,091,650	80,144	84	62,997	73,114	80,144	87,194	97,408
16	1,143,478	1,064,994	78,484	84	61,926	71,694	78,484	85,294	95,164
17	1,102,787	1,026,457	76,330	82	60,544	69,856	76,330	82,824	92,238
18	1,036,962	964,785	72,177	82	57,463	66,143	72,177	78,232	87,008
19	950,404	954,883	-4,479	79	-6,571	-5,337	-4,479	-3,618	-2,369
20	908,127	912,351	-4,224	75	-6,205	-5,037	-4,224	-3,409	-2,227
21	883,007	887,071	-4,064	73	-5,972	-4,847	-4,064	-3,279	-2,139
22	816,059	819,720	-3,661	72	-5,457	-4,398	-3,661	-2,922	-1,851
23	750,668	753,988	-3,319	72	-5,017	-4,016	-3,319	-2,621	-1,608
24	691,462	694,503	-3,041	71	-4,643	-3,698	-3,041	-2,382	-1,427

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	21,631,440	21,140,395	491,046	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	23,169
Number of Accounts Enrolled:	23,169

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	28	28	0	73	0	0	0	0	0
2	27	27	0	72	0	0	0	0	0
3	26	26	0	72	0	0	0	0	0
4	26	26	0	72	0	0	0	0	0
5	27	27	0	71	0	0	0	0	0
6	30	30	0	70	0	0	0	0	0
7	34	34	0	71	0	0	0	0	0
8	38	38	0	73	0	0	0	0	0
9	43	43	0	77	0	0	0	0	0
10	46	46	0	81	0	0	0	0	0
11	49	50	0	83	0	0	0	0	0
12	51	47	4	85	3	3	4	4	4
13	51	48	4	85	3	3	4	4	4
14	51	48	4	85	3	3	4	4	4
15	51	47	3	84	3	3	3	4	4
16	49	46	3	84	3	3	3	4	4
17	48	44	3	82	3	3	3	4	4
18	45	42	3	82	2	3	3	3	4
19	41	41	0	79	0	0	0	0	0
20	39	39	0	75	0	0	0	0	0
21	38	38	0	73	0	0	0	0	0
22	35	35	0	72	0	0	0	0	0
23	32	33	0	72	0	0	0	0	0
24	30	30	0	71	0	0	0	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	934	912	21	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	23,193
Number of Accounts Enrolled:	23,193

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	656,931	659,919	-2,988	70	-4,596	-3,647	-2,988	-2,327	-1,371
2	626,460	629,305	-2,845	70	-4,382	-3,475	-2,845	-2,213	-1,298
3	609,910	612,661	-2,751	70	-4,251	-3,366	-2,751	-2,135	-1,243
4	606,081	608,782	-2,701	69	-4,206	-3,318	-2,701	-2,083	-1,188
5	631,399	634,212	-2,814	69	-4,405	-3,466	-2,814	-2,160	-1,214
6	696,969	699,992	-3,023	69	-4,821	-3,760	-3,023	-2,285	-1,217
7	795,087	798,224	-3,136	69	-5,276	-4,013	-3,136	-2,259	-989
8	896,098	899,801	-3,702	71	-6,086	-4,679	-3,702	-2,725	-1,310
9	999,140	1,003,447	-4,307	75	-6,870	-5,357	-4,307	-3,254	-1,731
10	1,081,728	1,086,512	-4,784	79	-7,481	-5,889	-4,784	-3,676	-2,072
11	1,153,079	1,158,341	-5,262	79	-8,091	-6,422	-5,262	-4,099	-2,415
12	1,183,836	1,102,533	81,303	81	63,825	74,138	81,303	88,487	98,891
13	1,194,772	1,112,962	81,810	81	64,179	74,583	81,810	89,056	99,552
14	1,199,824	1,117,887	81,937	82	64,239	74,682	81,937	89,210	99,746
15	1,191,016	1,109,879	81,137	84	63,624	73,957	81,137	88,336	98,765
16	1,165,993	1,086,388	79,605	83	62,620	72,641	79,605	86,589	96,710
17	1,125,301	1,047,951	77,350	81	61,132	70,700	77,350	84,021	93,690
18	1,057,368	984,285	73,083	77	57,960	66,881	73,083	79,304	88,320
19	972,515	977,112	-4,596	75	-6,803	-5,502	-4,596	-3,688	-2,372
20	926,719	931,049	-4,329	73	-6,430	-5,191	-4,329	-3,465	-2,213
21	902,056	906,243	-4,187	73	-6,206	-5,015	-4,187	-3,356	-2,152
22	835,386	839,193	-3,806	71	-5,705	-4,585	-3,806	-3,025	-1,893
23	765,358	768,838	-3,480	71	-5,263	-4,211	-3,480	-2,747	-1,685
24	705,117	708,316	-3,199	70	-4,895	-3,894	-3,199	-2,503	-1,493

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	21,978,143	21,483,831	494,312	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2013
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	23,193
Number of Accounts Enrolled:	23,193

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	28	28	0	70	0	0	0	0	0
2	27	27	0	70	0	0	0	0	0
3	26	26	0	70	0	0	0	0	0
4	26	26	0	69	0	0	0	0	0
5	27	27	0	69	0	0	0	0	0
6	30	30	0	69	0	0	0	0	0
7	34	34	0	69	0	0	0	0	0
8	39	39	0	71	0	0	0	0	0
9	43	43	0	75	0	0	0	0	0
10	47	47	0	79	0	0	0	0	0
11	50	50	0	79	0	0	0	0	0
12	51	48	4	81	3	3	4	4	4
13	52	48	4	81	3	3	4	4	4
14	52	48	4	82	3	3	4	4	4
15	51	48	3	84	3	3	3	4	4
16	50	47	3	83	3	3	3	4	4
17	49	45	3	81	3	3	3	4	4
18	46	42	3	77	2	3	3	3	4
19	42	42	0	75	0	0	0	0	0
20	40	40	0	73	0	0	0	0	0
21	39	39	0	73	0	0	0	0	0
22	36	36	0	71	0	0	0	0	0
23	33	33	0	71	0	0	0	0	0
24	30	31	0	70	0	0	0	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	948	926	21	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	25,117
Number of Accounts Enrolled:	25,117

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	664,854	668,338	-3,483	73	-5,039	-4,121	-3,483	-2,843	-1,916
2	630,897	634,186	-3,289	72	-4,769	-3,896	-3,289	-2,680	-1,798
3	612,310	615,471	-3,161	72	-4,596	-3,749	-3,161	-2,571	-1,716
4	607,486	610,568	-3,082	72	-4,524	-3,673	-3,082	-2,489	-1,629
5	633,720	636,912	-3,192	71	-4,726	-3,821	-3,192	-2,561	-1,648
6	700,773	704,231	-3,458	70	-5,190	-4,168	-3,458	-2,746	-1,716
7	801,259	804,906	-3,647	71	-5,707	-4,491	-3,647	-2,801	-1,577
8	902,041	906,346	-4,305	73	-6,599	-5,245	-4,305	-3,363	-1,999
9	1,013,509	1,018,588	-5,079	77	-7,537	-6,087	-5,079	-4,069	-2,605
10	1,100,643	1,106,337	-5,694	81	-8,263	-6,748	-5,694	-4,637	-3,105
11	1,173,718	1,179,992	-6,274	83	-8,953	-7,373	-6,274	-5,171	-3,571
12	1,206,273	1,121,210	85,063	85	67,041	77,673	85,063	92,475	103,217
13	1,215,887	1,130,501	85,386	85	67,237	77,944	85,386	92,850	103,669
14	1,217,507	1,132,251	85,256	85	67,089	77,806	85,256	92,728	103,557
15	1,205,541	1,121,432	84,109	84	66,180	76,757	84,109	91,485	102,176
16	1,176,300	1,093,940	82,360	84	65,042	75,257	82,360	89,486	99,819
17	1,134,025	1,053,979	80,046	82	63,541	73,275	80,046	86,840	96,693
18	1,064,901	989,360	75,541	82	60,188	69,243	75,541	81,862	91,028
19	974,990	980,374	-5,384	79	-7,413	-6,217	-5,384	-4,547	-3,333
20	931,054	936,134	-5,080	75	-7,003	-5,869	-5,080	-4,287	-3,136
21	905,129	910,026	-4,897	73	-6,750	-5,658	-4,897	-4,133	-3,024
22	836,003	840,417	-4,414	72	-6,162	-5,132	-4,414	-3,694	-2,648
23	768,472	772,461	-3,989	72	-5,647	-4,669	-3,989	-3,306	-2,315
24	707,574	711,216	-3,642	71	-5,211	-4,286	-3,642	-2,997	-2,061

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	22,184,866	21,679,175	505,692	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	25,117
Number of Accounts Enrolled:	25,117

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	26	27	0	73	0	0	0	0	0
2	25	25	0	72	0	0	0	0	0
3	24	25	0	72	0	0	0	0	0
4	24	24	0	72	0	0	0	0	0
5	25	25	0	71	0	0	0	0	0
6	28	28	0	70	0	0	0	0	0
7	32	32	0	71	0	0	0	0	0
8	36	36	0	73	0	0	0	0	0
9	40	41	0	77	0	0	0	0	0
10	44	44	0	81	0	0	0	0	0
11	47	47	0	83	0	0	0	0	0
12	48	45	3	85	3	3	3	4	4
13	48	45	3	85	3	3	3	4	4
14	48	45	3	85	3	3	3	4	4
15	48	45	3	84	3	3	3	4	4
16	47	44	3	84	3	3	3	4	4
17	45	42	3	82	3	3	3	3	4
18	42	39	3	82	2	3	3	3	4
19	39	39	0	79	0	0	0	0	0
20	37	37	0	75	0	0	0	0	0
21	36	36	0	73	0	0	0	0	0
22	33	33	0	72	0	0	0	0	0
23	31	31	0	72	0	0	0	0	0
24	28	28	0	71	0	0	0	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	883	863	20	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	25,143
Number of Accounts Enrolled:	25,143

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	672,285	675,837	-3,552	70	-5,127	-4,198	-3,552	-2,904	-1,965
2	641,165	644,547	-3,382	70	-4,888	-4,000	-3,382	-2,763	-1,865
3	624,105	627,374	-3,269	70	-4,739	-3,872	-3,269	-2,664	-1,788
4	620,059	623,267	-3,208	69	-4,684	-3,813	-3,208	-2,601	-1,722
5	645,664	648,996	-3,333	69	-4,896	-3,974	-3,333	-2,690	-1,759
6	712,310	715,894	-3,584	69	-5,354	-4,310	-3,584	-2,857	-1,804
7	812,028	815,788	-3,760	69	-5,871	-4,625	-3,760	-2,893	-1,639
8	916,292	920,736	-4,444	71	-6,789	-5,405	-4,444	-3,481	-2,088
9	1,023,701	1,028,900	-5,199	75	-7,706	-6,227	-5,199	-4,168	-2,675
10	1,110,279	1,116,086	-5,807	79	-8,432	-6,884	-5,807	-4,728	-3,163
11	1,184,975	1,191,369	-6,394	79	-9,138	-7,519	-6,394	-5,264	-3,627
12	1,217,334	1,132,119	85,215	81	66,965	77,732	85,215	92,719	103,594
13	1,228,871	1,143,088	85,783	81	67,367	78,232	85,783	93,356	104,331
14	1,234,354	1,148,403	85,951	82	67,458	78,368	85,951	93,556	104,577
15	1,225,678	1,140,517	85,161	84	66,849	77,652	85,161	92,693	103,610
16	1,199,881	1,116,325	83,556	83	65,791	76,270	83,556	90,865	101,461
17	1,157,643	1,076,498	81,145	81	64,185	74,188	81,145	88,125	98,246
18	1,086,185	1,009,682	76,503	77	60,724	70,031	76,503	82,997	92,413
19	997,851	1,003,371	-5,520	75	-7,662	-6,399	-5,520	-4,638	-3,357
20	950,163	955,358	-5,195	73	-7,237	-6,033	-5,195	-4,354	-3,133
21	924,643	929,674	-5,031	73	-6,994	-5,837	-5,031	-4,222	-3,049
22	855,788	860,359	-4,571	71	-6,421	-5,330	-4,571	-3,809	-2,704
23	783,619	787,781	-4,163	71	-5,903	-4,877	-4,163	-3,446	-2,407
24	721,728	725,541	-3,813	70	-5,472	-4,493	-3,813	-3,131	-2,142

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	22,546,600	22,037,510	509,090	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2014
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	25,143
Number of Accounts Enrolled:	25,143

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	27	27	0	70	0	0	0	0	0
2	26	26	0	70	0	0	0	0	0
3	25	25	0	70	0	0	0	0	0
4	25	25	0	69	0	0	0	0	0
5	26	26	0	69	0	0	0	0	0
6	28	28	0	69	0	0	0	0	0
7	32	32	0	69	0	0	0	0	0
8	36	37	0	71	0	0	0	0	0
9	41	41	0	75	0	0	0	0	0
10	44	44	0	79	0	0	0	0	0
11	47	47	0	79	0	0	0	0	0
12	48	45	3	81	3	3	3	4	4
13	49	45	3	81	3	3	3	4	4
14	49	46	3	82	3	3	3	4	4
15	49	45	3	84	3	3	3	4	4
16	48	44	3	83	3	3	3	4	4
17	46	43	3	81	3	3	3	4	4
18	43	40	3	77	2	3	3	3	4
19	40	40	0	75	0	0	0	0	0
20	38	38	0	73	0	0	0	0	0
21	37	37	0	73	0	0	0	0	0
22	34	34	0	71	0	0	0	0	0
23	31	31	0	71	0	0	0	0	0
24	29	29	0	70	0	0	0	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	897	876	20	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,087
Number of Accounts Enrolled:	27,087

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	680,213	684,213	-4,001	73	-5,530	-4,628	-4,001	-3,371	-2,458
2	645,480	649,257	-3,777	72	-5,233	-4,374	-3,777	-3,178	-2,309
3	626,358	629,989	-3,630	72	-5,042	-4,209	-3,630	-3,049	-2,207
4	621,295	624,834	-3,539	72	-4,960	-4,122	-3,539	-2,955	-2,107
5	647,828	651,489	-3,661	71	-5,174	-4,282	-3,661	-3,038	-2,136
6	716,045	720,012	-3,967	70	-5,679	-4,669	-3,967	-3,263	-2,244
7	818,324	822,532	-4,208	71	-6,249	-5,044	-4,208	-3,369	-2,154
8	922,328	927,303	-4,976	73	-7,242	-5,905	-4,976	-4,044	-2,695
9	1,038,343	1,044,246	-5,903	77	-8,315	-6,893	-5,903	-4,910	-3,471
10	1,129,572	1,136,223	-6,651	81	-9,158	-7,679	-6,651	-5,618	-4,120
11	1,206,059	1,213,399	-7,340	83	-9,944	-8,409	-7,340	-6,267	-4,709
12	1,240,251	1,151,092	89,159	85	70,359	81,448	89,159	96,895	108,111
13	1,250,355	1,160,827	89,528	85	70,589	81,760	89,528	97,321	108,620
14	1,252,269	1,162,852	89,417	85	70,453	81,639	89,417	97,221	108,535
15	1,240,186	1,151,954	88,232	84	69,508	80,552	88,232	95,938	107,113
16	1,209,932	1,123,571	86,361	84	68,275	78,942	86,361	93,808	104,609
17	1,166,017	1,082,141	83,876	82	66,643	76,805	83,876	90,974	101,271
18	1,093,510	1,014,504	79,006	82	63,006	72,441	79,006	85,596	95,156
19	1,000,176	1,006,422	-6,246	79	-8,217	-7,056	-6,246	-5,433	-4,250
20	954,555	960,447	-5,893	75	-7,763	-6,661	-5,893	-5,120	-3,999
21	927,817	933,505	-5,688	73	-7,490	-6,428	-5,688	-4,944	-3,863
22	856,488	861,614	-5,126	72	-6,830	-5,826	-5,126	-4,422	-3,401
23	786,770	791,390	-4,620	72	-6,242	-5,286	-4,620	-3,951	-2,980
24	724,131	728,339	-4,208	71	-5,746	-4,839	-4,208	-3,575	-2,655

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	22,754,301	22,232,156	522,146	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,087
Number of Accounts Enrolled:	27,087

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	25	25	0	73	0	0	0	0	0
2	24	24	0	72	0	0	0	0	0
3	23	23	0	72	0	0	0	0	0
4	23	23	0	72	0	0	0	0	0
5	24	24	0	71	0	0	0	0	0
6	26	27	0	70	0	0	0	0	0
7	30	30	0	71	0	0	0	0	0
8	34	34	0	73	0	0	0	0	0
9	38	39	0	77	0	0	0	0	0
10	42	42	0	81	0	0	0	0	0
11	45	45	0	83	0	0	0	0	0
12	46	42	3	85	3	3	3	4	4
13	46	43	3	85	3	3	3	4	4
14	46	43	3	85	3	3	3	4	4
15	46	43	3	84	3	3	3	4	4
16	45	41	3	84	3	3	3	3	4
17	43	40	3	82	2	3	3	3	4
18	40	37	3	82	2	3	3	3	4
19	37	37	0	79	0	0	0	0	0
20	35	35	0	75	0	0	0	0	0
21	34	34	0	73	0	0	0	0	0
22	32	32	0	72	0	0	0	0	0
23	29	29	0	72	0	0	0	0	0
24	27	27	0	71	0	0	0	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	840	821	19	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,117
Number of Accounts Enrolled:	27,117

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	688,046	692,138	-4,091	70	-5,639	-4,726	-4,091	-3,454	-2,530
2	656,262	660,158	-3,897	70	-5,376	-4,504	-3,897	-3,287	-2,404
3	638,683	642,447	-3,764	70	-5,210	-4,357	-3,764	-3,169	-2,306
4	634,407	638,100	-3,693	69	-5,145	-4,288	-3,693	-3,095	-2,228
5	660,299	664,129	-3,829	69	-5,371	-4,462	-3,829	-3,195	-2,276
6	728,075	732,194	-4,119	69	-5,867	-4,836	-4,119	-3,400	-2,359
7	829,565	833,910	-4,344	69	-6,436	-5,202	-4,344	-3,485	-2,241
8	937,155	942,300	-5,145	71	-7,461	-6,094	-5,145	-4,193	-2,815
9	1,048,980	1,055,028	-6,048	75	-8,511	-7,058	-6,048	-5,035	-3,567
10	1,139,584	1,146,372	-6,788	79	-9,351	-7,840	-6,788	-5,733	-4,202
11	1,217,644	1,225,128	-7,484	79	-10,153	-8,579	-7,484	-6,384	-4,788
12	1,251,608	1,162,272	89,336	81	70,295	81,527	89,336	97,169	108,525
13	1,263,752	1,173,786	89,966	81	70,745	82,083	89,966	97,875	109,339
14	1,269,657	1,179,487	90,170	82	70,862	82,251	90,170	98,115	109,632
15	1,261,061	1,171,692	89,369	84	70,240	81,523	89,369	97,241	108,655
16	1,234,394	1,146,737	87,657	83	69,096	80,043	87,657	95,297	106,378
17	1,190,558	1,105,484	85,074	81	67,358	77,806	85,074	92,369	102,951
18	1,115,527	1,035,477	80,050	77	63,602	73,302	80,050	86,823	96,647
19	1,023,710	1,030,124	-6,414	75	-8,497	-7,269	-6,414	-5,554	-4,306
20	974,116	980,147	-6,031	73	-8,020	-6,848	-6,031	-5,210	-4,018
21	947,742	953,586	-5,844	73	-7,757	-6,630	-5,844	-5,055	-3,909
22	876,679	881,986	-5,306	71	-7,114	-6,048	-5,306	-4,561	-3,479
23	802,341	807,158	-4,817	71	-6,522	-5,517	-4,817	-4,115	-3,095
24	738,776	743,177	-4,401	70	-6,029	-5,069	-4,401	-3,730	-2,758

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,128,621	22,603,016	525,605	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2015
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,117
Number of Accounts Enrolled:	27,117

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	25	26	0	70	0	0	0	0	0
2	24	24	0	70	0	0	0	0	0
3	24	24	0	70	0	0	0	0	0
4	23	24	0	69	0	0	0	0	0
5	24	24	0	69	0	0	0	0	0
6	27	27	0	69	0	0	0	0	0
7	31	31	0	69	0	0	0	0	0
8	35	35	0	71	0	0	0	0	0
9	39	39	0	75	0	0	0	0	0
10	42	42	0	79	0	0	0	0	0
11	45	45	0	79	0	0	0	0	0
12	46	43	3	81	3	3	3	4	4
13	47	43	3	81	3	3	3	4	4
14	47	43	3	82	3	3	3	4	4
15	47	43	3	84	3	3	3	4	4
16	46	42	3	83	3	3	3	4	4
17	44	41	3	81	2	3	3	3	4
18	41	38	3	77	2	3	3	3	4
19	38	38	0	75	0	0	0	0	0
20	36	36	0	73	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	32	33	0	71	0	0	0	0	0
23	30	30	0	71	0	0	0	0	0
24	27	27	0	70	0	0	0	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	853	834	19	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,365
Number of Accounts Enrolled:	27,365

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	688,751	692,811	-4,060	73	-5,610	-4,696	-4,060	-3,423	-2,498
2	653,589	657,423	-3,834	72	-5,308	-4,439	-3,834	-3,227	-2,347
3	634,232	637,917	-3,685	72	-5,115	-4,272	-3,685	-3,097	-2,243
4	629,109	632,702	-3,593	72	-5,032	-4,183	-3,593	-3,001	-2,142
5	655,983	659,700	-3,717	71	-5,250	-4,345	-3,717	-3,086	-2,172
6	725,073	729,102	-4,029	70	-5,762	-4,739	-4,029	-3,316	-2,283
7	828,621	832,897	-4,277	71	-6,344	-5,124	-4,277	-3,428	-2,198
8	933,894	938,949	-5,055	73	-7,349	-5,995	-5,055	-4,111	-2,745
9	1,051,307	1,057,299	-5,992	77	-8,436	-6,995	-5,992	-4,987	-3,529
10	1,143,627	1,150,375	-6,748	81	-9,288	-7,790	-6,748	-5,701	-4,183
11	1,221,030	1,228,474	-7,444	83	-10,082	-8,527	-7,444	-6,357	-4,778
12	1,255,631	1,165,540	90,091	85	71,065	82,288	90,091	97,920	109,270
13	1,265,866	1,175,402	90,464	85	71,298	82,603	90,464	98,351	109,786
14	1,267,801	1,177,449	90,352	85	71,161	82,481	90,352	98,250	109,701
15	1,255,572	1,166,411	89,161	84	70,213	81,389	89,161	96,960	108,269
16	1,224,958	1,137,680	87,278	84	68,974	79,769	87,278	94,814	105,745
17	1,180,518	1,095,749	84,769	82	67,328	77,613	84,769	91,953	102,374
18	1,107,151	1,027,300	79,851	82	63,657	73,207	79,851	86,520	96,196
19	1,012,666	1,018,999	-6,333	79	-8,330	-7,153	-6,333	-5,508	-4,310
20	966,480	972,455	-5,975	75	-7,871	-6,754	-5,975	-5,193	-4,056
21	939,410	945,178	-5,769	73	-7,594	-6,518	-5,769	-5,015	-3,919
22	867,207	872,407	-5,200	72	-6,927	-5,909	-5,200	-4,487	-3,452
23	796,635	801,323	-4,687	72	-6,330	-5,362	-4,687	-4,010	-3,026
24	733,212	737,482	-4,270	71	-5,827	-4,909	-4,270	-3,628	-2,696

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,038,322	22,511,022	527,300	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,365
Number of Accounts Enrolled:	27,365

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	25	25	0	73	0	0	0	0	0
2	24	24	0	72	0	0	0	0	0
3	23	23	0	72	0	0	0	0	0
4	23	23	0	72	0	0	0	0	0
5	24	24	0	71	0	0	0	0	0
6	26	27	0	70	0	0	0	0	0
7	30	30	0	71	0	0	0	0	0
8	34	34	0	73	0	0	0	0	0
9	38	39	0	77	0	0	0	0	0
10	42	42	0	81	0	0	0	0	0
11	45	45	0	83	0	0	0	0	0
12	46	43	3	85	3	3	3	4	4
13	46	43	3	85	3	3	3	4	4
14	46	43	3	85	3	3	3	4	4
15	46	43	3	84	3	3	3	4	4
16	45	42	3	84	3	3	3	3	4
17	43	40	3	82	2	3	3	3	4
18	40	38	3	82	2	3	3	3	4
19	37	37	0	79	0	0	0	0	0
20	35	36	0	75	0	0	0	0	0
21	34	35	0	73	0	0	0	0	0
22	32	32	0	72	0	0	0	0	0
23	29	29	0	72	0	0	0	0	0
24	27	27	0	71	0	0	0	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	842	823	19	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,394
Number of Accounts Enrolled:	27,394

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	696,688	700,837	-4,148	70	-5,717	-4,792	-4,148	-3,502	-2,566
2	664,497	668,448	-3,951	70	-5,450	-4,566	-3,951	-3,333	-2,438
3	646,692	650,508	-3,816	70	-5,281	-4,417	-3,816	-3,213	-2,339
4	642,367	646,111	-3,744	69	-5,216	-4,348	-3,744	-3,138	-2,260
5	668,608	672,491	-3,883	69	-5,444	-4,523	-3,883	-3,241	-2,310
6	737,251	741,428	-4,178	69	-5,949	-4,904	-4,178	-3,450	-2,395
7	839,987	844,397	-4,410	69	-6,528	-5,278	-4,410	-3,540	-2,280
8	948,878	954,098	-5,220	71	-7,566	-6,182	-5,220	-4,256	-2,860
9	1,062,029	1,068,162	-6,133	75	-8,627	-7,156	-6,133	-5,107	-3,619
10	1,153,701	1,160,581	-6,880	79	-9,477	-7,946	-6,880	-5,811	-4,260
11	1,232,695	1,240,277	-7,582	79	-10,287	-8,692	-7,582	-6,468	-4,851
12	1,267,064	1,176,774	90,290	81	71,021	82,388	90,290	98,217	109,709
13	1,279,347	1,188,422	90,925	81	71,474	82,948	90,925	98,928	110,530
14	1,285,317	1,194,186	91,131	82	71,592	83,118	91,131	99,171	110,826
15	1,276,622	1,186,295	90,327	84	70,969	82,387	90,327	98,293	109,843
16	1,249,672	1,161,065	88,607	83	69,824	80,902	88,607	96,340	107,553
17	1,205,336	1,119,334	86,002	81	68,073	78,647	86,002	93,385	104,095
18	1,129,431	1,048,502	80,929	77	64,281	74,099	80,929	87,783	97,726
19	1,036,486	1,042,984	-6,498	75	-8,610	-7,365	-6,498	-5,627	-4,362
20	986,287	992,398	-6,111	73	-8,127	-6,939	-6,111	-5,279	-4,071
21	959,590	965,513	-5,923	73	-7,861	-6,719	-5,923	-5,123	-3,961
22	887,657	893,036	-5,379	71	-7,210	-6,131	-5,379	-4,623	-3,527
23	812,404	817,288	-4,884	71	-6,611	-5,593	-4,884	-4,172	-3,138
24	748,050	752,512	-4,462	70	-6,112	-5,139	-4,462	-3,783	-2,797

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,416,655	22,885,646	531,009	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2016
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,394
Number of Accounts Enrolled:	27,394

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	25	26	0	70	0	0	0	0	0
2	24	24	0	70	0	0	0	0	0
3	24	24	0	70	0	0	0	0	0
4	23	24	0	69	0	0	0	0	0
5	24	25	0	69	0	0	0	0	0
6	27	27	0	69	0	0	0	0	0
7	31	31	0	69	0	0	0	0	0
8	35	35	0	71	0	0	0	0	0
9	39	39	0	75	0	0	0	0	0
10	42	42	0	79	0	0	0	0	0
11	45	45	0	79	0	0	0	0	0
12	46	43	3	81	3	3	3	4	4
13	47	43	3	81	3	3	3	4	4
14	47	44	3	82	3	3	3	4	4
15	47	43	3	84	3	3	3	4	4
16	46	42	3	83	3	3	3	4	4
17	44	41	3	81	2	3	3	3	4
18	41	38	3	77	2	3	3	3	4
19	38	38	0	75	0	0	0	0	0
20	36	36	0	73	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	32	33	0	71	0	0	0	0	0
23	30	30	0	71	0	0	0	0	0
24	27	27	0	70	0	0	0	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	855	835	19	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,630
Number of Accounts Enrolled:	27,630

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	696,776	700,888	-4,112	73	-5,681	-4,756	-4,112	-3,466	-2,530
2	661,197	665,080	-3,883	72	-5,376	-4,495	-3,883	-3,268	-2,377
3	641,602	645,334	-3,732	72	-5,180	-4,326	-3,732	-3,136	-2,272
4	636,419	640,058	-3,639	72	-5,096	-4,237	-3,639	-3,040	-2,171
5	663,626	667,391	-3,765	71	-5,317	-4,402	-3,765	-3,127	-2,201
6	733,535	737,617	-4,082	70	-5,837	-4,801	-4,082	-3,360	-2,314
7	838,263	842,599	-4,336	71	-6,428	-5,193	-4,336	-3,477	-2,232
8	944,733	949,855	-5,122	73	-7,445	-6,075	-5,122	-4,168	-2,785
9	1,063,450	1,069,519	-6,069	77	-8,543	-7,084	-6,069	-5,051	-3,575
10	1,156,781	1,163,612	-6,831	81	-9,403	-7,886	-6,831	-5,772	-4,235
11	1,235,052	1,242,586	-7,534	83	-10,206	-8,631	-7,534	-6,433	-4,834
12	1,270,038	1,179,067	90,971	85	71,732	83,080	90,971	98,888	110,365
13	1,280,384	1,189,037	91,347	85	71,966	83,398	91,347	99,323	110,886
14	1,282,335	1,191,101	91,234	85	71,827	83,274	91,234	99,220	110,799
15	1,269,979	1,179,941	90,038	84	70,877	82,178	90,038	97,924	109,360
16	1,239,046	1,150,900	88,146	84	69,636	80,552	88,146	95,767	106,820
17	1,194,125	1,108,508	85,617	82	67,979	78,380	85,617	92,881	103,420
18	1,119,962	1,039,307	80,655	82	64,277	73,935	80,655	87,400	97,185
19	1,024,408	1,030,816	-6,408	79	-8,432	-7,240	-6,408	-5,573	-4,359
20	977,696	983,743	-6,047	75	-7,967	-6,836	-6,047	-5,255	-4,103
21	950,313	956,151	-5,838	73	-7,687	-6,598	-5,838	-5,075	-3,965
22	877,277	882,541	-5,263	72	-7,013	-5,982	-5,263	-4,542	-3,493
23	805,902	810,648	-4,746	72	-6,410	-5,429	-4,746	-4,059	-3,063
24	741,754	746,077	-4,323	71	-5,901	-4,971	-4,323	-3,673	-2,730

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,304,654	22,772,379	532,276	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,630
Number of Accounts Enrolled:	27,630

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	25	25	0	73	0	0	0	0	0
2	24	24	0	72	0	0	0	0	0
3	23	23	0	72	0	0	0	0	0
4	23	23	0	72	0	0	0	0	0
5	24	24	0	71	0	0	0	0	0
6	27	27	0	70	0	0	0	0	0
7	30	30	0	71	0	0	0	0	0
8	34	34	0	73	0	0	0	0	0
9	38	39	0	77	0	0	0	0	0
10	42	42	0	81	0	0	0	0	0
11	45	45	0	83	0	0	0	0	0
12	46	43	3	85	3	3	3	4	4
13	46	43	3	85	3	3	3	4	4
14	46	43	3	85	3	3	3	4	4
15	46	43	3	84	3	3	3	4	4
16	45	42	3	84	3	3	3	3	4
17	43	40	3	82	2	3	3	3	4
18	41	38	3	82	2	3	3	3	4
19	37	37	0	79	0	0	0	0	0
20	35	36	0	75	0	0	0	0	0
21	34	35	0	73	0	0	0	0	0
22	32	32	0	72	0	0	0	0	0
23	29	29	0	72	0	0	0	0	0
24	27	27	0	71	0	0	0	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	843	824	19	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,660
Number of Accounts Enrolled:	27,660

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	704,872	709,068	-4,197	70	-5,784	-4,848	-4,197	-3,543	-2,595
2	672,307	676,303	-3,997	70	-5,515	-4,620	-3,997	-3,372	-2,466
3	654,297	658,158	-3,861	70	-5,344	-4,469	-3,861	-3,251	-2,366
4	649,933	653,721	-3,788	69	-5,278	-4,399	-3,788	-3,174	-2,285
5	676,497	680,426	-3,928	69	-5,509	-4,577	-3,928	-3,278	-2,336
6	745,968	750,195	-4,227	69	-6,020	-4,963	-4,227	-3,490	-2,422
7	849,917	854,382	-4,465	69	-6,609	-5,344	-4,465	-3,585	-2,310
8	960,084	965,368	-5,284	71	-7,659	-6,258	-5,284	-4,308	-2,895
9	1,074,546	1,080,752	-6,206	75	-8,731	-7,241	-6,206	-5,166	-3,660
10	1,167,279	1,174,239	-6,960	79	-9,590	-8,039	-6,960	-5,876	-4,305
11	1,247,195	1,254,863	-7,668	79	-10,408	-8,792	-7,668	-6,539	-4,900
12	1,281,973	1,190,820	91,153	81	71,665	83,161	91,153	99,171	110,794
13	1,294,404	1,202,610	91,794	81	72,120	83,726	91,794	99,889	111,622
14	1,300,445	1,208,442	92,003	82	72,240	83,898	92,003	100,134	111,922
15	1,291,644	1,200,449	91,195	84	71,616	83,165	91,195	99,252	110,934
16	1,264,370	1,174,903	89,467	83	70,470	81,675	89,467	97,288	108,629
17	1,219,503	1,132,662	86,841	81	68,707	79,401	86,841	94,308	105,138
18	1,142,722	1,061,002	81,720	77	64,882	74,812	81,720	88,652	98,708
19	1,048,682	1,055,253	-6,571	75	-8,709	-7,449	-6,571	-5,688	-4,406
20	997,895	1,004,075	-6,180	73	-8,222	-7,018	-6,180	-5,337	-4,114
21	970,875	976,865	-5,990	73	-7,953	-6,796	-5,990	-5,180	-4,003
22	898,095	903,535	-5,440	71	-7,295	-6,202	-5,440	-4,676	-3,565
23	821,953	826,894	-4,940	71	-6,689	-5,658	-4,940	-4,219	-3,173
24	756,837	761,351	-4,514	70	-6,184	-5,199	-4,514	-3,826	-2,828

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,692,291	23,156,333	535,958	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2017
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,660
Number of Accounts Enrolled:	27,660

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	25	26	0	70	0	0	0	0	0
2	24	24	0	70	0	0	0	0	0
3	24	24	0	70	0	0	0	0	0
4	23	24	0	69	0	0	0	0	0
5	24	25	0	69	0	0	0	0	0
6	27	27	0	69	0	0	0	0	0
7	31	31	0	69	0	0	0	0	0
8	35	35	0	71	0	0	0	0	0
9	39	39	0	75	0	0	0	0	0
10	42	42	0	79	0	0	0	0	0
11	45	45	0	79	0	0	0	0	0
12	46	43	3	81	3	3	3	4	4
13	47	43	3	81	3	3	3	4	4
14	47	44	3	82	3	3	3	4	4
15	47	43	3	84	3	3	3	4	4
16	46	42	3	83	3	3	3	4	4
17	44	41	3	81	2	3	3	3	4
18	41	38	3	77	2	3	3	3	4
19	38	38	0	75	0	0	0	0	0
20	36	36	0	73	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	32	33	0	71	0	0	0	0	0
23	30	30	0	71	0	0	0	0	0
24	27	28	0	70	0	0	0	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	857	837	19	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,919
Number of Accounts Enrolled:	27,919

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	705,499	709,641	-4,142	73	-5,734	-4,795	-4,142	-3,486	-2,536
2	669,480	673,390	-3,910	72	-5,425	-4,532	-3,910	-3,287	-2,382
3	649,646	653,404	-3,758	72	-5,227	-4,361	-3,758	-3,154	-2,277
4	644,407	648,071	-3,664	72	-5,143	-4,271	-3,664	-3,056	-2,174
5	671,964	675,755	-3,791	71	-5,366	-4,437	-3,791	-3,143	-2,204
6	742,776	746,885	-4,109	70	-5,890	-4,839	-4,109	-3,377	-2,316
7	848,915	853,274	-4,359	71	-6,482	-5,229	-4,359	-3,486	-2,223
8	956,677	961,829	-5,151	73	-7,510	-6,118	-5,151	-4,182	-2,779
9	1,076,803	1,082,910	-6,107	77	-8,618	-7,137	-6,107	-5,073	-3,575
10	1,171,236	1,178,112	-6,876	81	-9,487	-7,947	-6,876	-5,800	-4,240
11	1,250,419	1,258,005	-7,586	83	-10,299	-8,699	-7,586	-6,468	-4,845
12	1,285,813	1,193,694	92,119	85	72,644	84,132	92,119	100,133	111,750
13	1,296,280	1,203,785	92,495	85	72,877	84,449	92,495	100,568	112,272
14	1,298,240	1,205,865	92,375	85	72,732	84,319	92,375	100,459	112,179
15	1,285,683	1,194,538	91,145	84	71,751	83,190	91,145	99,127	110,701
16	1,254,338	1,165,126	89,212	84	70,478	81,526	89,212	96,925	108,112
17	1,208,876	1,122,226	86,650	82	68,798	79,325	86,650	94,002	104,668
18	1,133,829	1,052,201	81,628	82	65,051	74,827	81,628	88,455	98,359
19	1,037,122	1,043,582	-6,460	79	-8,514	-7,304	-6,460	-5,613	-4,381
20	989,854	995,950	-6,096	75	-8,044	-6,896	-6,096	-5,292	-4,123
21	962,151	968,035	-5,885	73	-7,761	-6,655	-5,885	-5,110	-3,984
22	888,232	893,536	-5,304	72	-7,079	-6,033	-5,304	-4,571	-3,507
23	815,978	820,759	-4,781	72	-6,470	-5,475	-4,781	-4,085	-3,074
24	751,028	755,383	-4,356	71	-5,956	-5,012	-4,356	-3,696	-2,739

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,595,245	23,055,955	539,290	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,919
Number of Accounts Enrolled:	27,919

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	25	25	0	73	0	0	0	0	0
2	24	24	0	72	0	0	0	0	0
3	23	23	0	72	0	0	0	0	0
4	23	23	0	72	0	0	0	0	0
5	24	24	0	71	0	0	0	0	0
6	27	27	0	70	0	0	0	0	0
7	30	31	0	71	0	0	0	0	0
8	34	34	0	73	0	0	0	0	0
9	39	39	0	77	0	0	0	0	0
10	42	42	0	81	0	0	0	0	0
11	45	45	0	83	0	0	0	0	0
12	46	43	3	85	3	3	3	4	4
13	46	43	3	85	3	3	3	4	4
14	47	43	3	85	3	3	3	4	4
15	46	43	3	84	3	3	3	4	4
16	45	42	3	84	3	3	3	3	4
17	43	40	3	82	2	3	3	3	4
18	41	38	3	82	2	3	3	3	4
19	37	37	0	79	0	0	0	0	0
20	35	36	0	75	0	0	0	0	0
21	34	35	0	73	0	0	0	0	0
22	32	32	0	72	0	0	0	0	0
23	29	29	0	72	0	0	0	0	0
24	27	27	0	71	0	0	0	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	845	826	19	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,948
Number of Accounts Enrolled:	27,948

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	714,092	718,327	-4,235	70	-5,848	-4,896	-4,235	-3,570	-2,607
2	681,112	685,145	-4,033	70	-5,575	-4,666	-4,033	-3,398	-2,477
3	662,878	666,774	-3,896	70	-5,402	-4,514	-3,896	-3,276	-2,376
4	658,464	662,286	-3,822	69	-5,336	-4,443	-3,822	-3,199	-2,296
5	685,378	689,342	-3,964	69	-5,570	-4,623	-3,964	-3,304	-2,346
6	755,790	760,056	-4,265	69	-6,087	-5,012	-4,265	-3,517	-2,432
7	861,211	865,710	-4,499	69	-6,678	-5,392	-4,499	-3,604	-2,308
8	972,784	978,111	-5,326	71	-7,739	-6,315	-5,326	-4,334	-2,898
9	1,088,660	1,094,917	-6,257	75	-8,824	-7,310	-6,257	-5,201	-3,670
10	1,182,537	1,189,555	-7,018	79	-9,692	-8,115	-7,018	-5,917	-4,320
11	1,263,450	1,271,185	-7,735	79	-10,520	-8,878	-7,735	-6,587	-4,921
12	1,298,653	1,206,325	92,328	81	72,593	84,235	92,328	100,447	112,217
13	1,311,248	1,218,272	92,976	81	73,053	84,806	92,976	101,172	113,054
14	1,317,355	1,224,173	93,182	82	73,170	84,975	93,182	101,416	113,352
15	1,308,396	1,216,048	92,348	84	72,523	84,217	92,348	100,507	112,335
16	1,280,730	1,190,152	90,578	83	71,343	82,688	90,578	98,496	109,978
17	1,235,294	1,147,380	87,914	81	69,553	80,381	87,914	95,474	106,440
18	1,157,576	1,074,843	82,733	77	65,683	75,739	82,733	89,753	99,935
19	1,062,372	1,069,006	-6,634	75	-8,808	-7,527	-6,634	-5,738	-4,435
20	1,010,953	1,017,192	-6,239	73	-8,315	-7,091	-6,239	-5,383	-4,140
21	983,586	989,633	-6,047	73	-8,043	-6,867	-6,047	-5,224	-4,029
22	909,848	915,339	-5,491	71	-7,376	-6,265	-5,491	-4,714	-3,586
23	832,708	837,694	-4,986	71	-6,763	-5,715	-4,986	-4,253	-3,190
24	766,742	771,297	-4,555	70	-6,252	-5,251	-4,555	-3,856	-2,842

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	24,001,817	23,458,761	543,056	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2018
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	27,948
Number of Accounts Enrolled:	27,948

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	26	26	0	70	0	0	0	0	0
2	24	25	0	70	0	0	0	0	0
3	24	24	0	70	0	0	0	0	0
4	24	24	0	69	0	0	0	0	0
5	25	25	0	69	0	0	0	0	0
6	27	27	0	69	0	0	0	0	0
7	31	31	0	69	0	0	0	0	0
8	35	35	0	71	0	0	0	0	0
9	39	39	0	75	0	0	0	0	0
10	42	43	0	79	0	0	0	0	0
11	45	45	0	79	0	0	0	0	0
12	46	43	3	81	3	3	3	4	4
13	47	44	3	81	3	3	3	4	4
14	47	44	3	82	3	3	3	4	4
15	47	44	3	84	3	3	3	4	4
16	46	43	3	83	3	3	3	4	4
17	44	41	3	81	2	3	3	3	4
18	41	38	3	77	2	3	3	3	4
19	38	38	0	75	0	0	0	0	0
20	36	36	0	73	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	33	33	0	71	0	0	0	0	0
23	30	30	0	71	0	0	0	0	0
24	27	28	0	70	0	0	0	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	859	839	19	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,212
Number of Accounts Enrolled:	28,212

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	714,710	718,912	-4,203	73	-5,818	-4,865	-4,203	-3,538	-2,574
2	678,220	682,187	-3,968	72	-5,505	-4,598	-3,968	-3,335	-2,418
3	658,125	661,938	-3,814	72	-5,304	-4,425	-3,814	-3,201	-2,311
4	652,822	656,541	-3,719	72	-5,219	-4,334	-3,719	-3,102	-2,207
5	680,761	684,609	-3,848	71	-5,445	-4,503	-3,848	-3,191	-2,238
6	752,518	756,689	-4,171	70	-5,978	-4,912	-4,171	-3,429	-2,353
7	860,035	864,464	-4,429	71	-6,582	-5,311	-4,429	-3,544	-2,264
8	969,191	974,423	-5,232	73	-7,623	-6,212	-5,232	-4,249	-2,826
9	1,090,826	1,097,023	-6,197	77	-8,745	-7,243	-6,197	-5,149	-3,629
10	1,186,441	1,193,415	-6,974	81	-9,624	-8,062	-6,974	-5,883	-4,300
11	1,266,646	1,274,338	-7,692	83	-10,445	-8,822	-7,692	-6,557	-4,910
12	1,302,490	1,209,381	93,109	85	73,389	85,022	93,109	101,223	112,987
13	1,313,094	1,219,605	93,489	85	73,624	85,342	93,489	101,663	113,514
14	1,315,079	1,221,711	93,368	85	73,477	85,210	93,368	101,553	113,419
15	1,302,367	1,210,236	92,131	84	72,493	84,077	92,131	100,214	111,933
16	1,270,630	1,180,443	90,187	84	71,217	82,405	90,187	97,997	109,324
17	1,224,591	1,136,989	87,602	82	69,525	80,185	87,602	95,046	105,846
18	1,148,621	1,066,091	82,530	82	65,744	75,643	82,530	89,444	99,472
19	1,050,685	1,057,234	-6,549	79	-8,634	-7,405	-6,549	-5,689	-4,439
20	1,002,809	1,008,989	-6,180	75	-8,158	-6,993	-6,180	-5,364	-4,178
21	974,731	980,697	-5,967	73	-7,871	-6,749	-5,967	-5,180	-4,038
22	899,820	905,199	-5,379	72	-7,180	-6,119	-5,379	-4,635	-3,556
23	826,617	831,466	-4,850	72	-6,563	-5,553	-4,850	-4,143	-3,118
24	760,821	765,239	-4,418	71	-6,042	-5,085	-4,418	-3,749	-2,778

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	23,902,648	23,357,822	544,826	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,212
Number of Accounts Enrolled:	28,212

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	25	25	0	73	0	0	0	0	0
2	24	24	0	72	0	0	0	0	0
3	23	23	0	72	0	0	0	0	0
4	23	23	0	72	0	0	0	0	0
5	24	24	0	71	0	0	0	0	0
6	27	27	0	70	0	0	0	0	0
7	30	31	0	71	0	0	0	0	0
8	34	35	0	73	0	0	0	0	0
9	39	39	0	77	0	0	0	0	0
10	42	42	0	81	0	0	0	0	0
11	45	45	0	83	0	0	0	0	0
12	46	43	3	85	3	3	3	4	4
13	47	43	3	85	3	3	3	4	4
14	47	43	3	85	3	3	3	4	4
15	46	43	3	84	3	3	3	4	4
16	45	42	3	84	3	3	3	3	4
17	43	40	3	82	2	3	3	3	4
18	41	38	3	82	2	3	3	3	4
19	37	37	0	79	0	0	0	0	0
20	36	36	0	75	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	32	32	0	72	0	0	0	0	0
23	29	29	0	72	0	0	0	0	0
24	27	27	0	71	0	0	0	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	847	828	19	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,242
Number of Accounts Enrolled:	28,242

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	723,171	727,461	-4,290	70	-5,925	-4,961	-4,290	-3,617	-2,641
2	689,764	693,849	-4,086	70	-5,648	-4,727	-4,086	-3,442	-2,510
3	671,292	675,239	-3,947	70	-5,473	-4,573	-3,947	-3,318	-2,407
4	666,827	670,699	-3,872	69	-5,406	-4,501	-3,872	-3,241	-2,326
5	694,102	698,118	-4,017	69	-5,644	-4,684	-4,017	-3,347	-2,377
6	765,412	769,735	-4,322	69	-6,167	-5,079	-4,322	-3,564	-2,465
7	872,120	876,683	-4,563	69	-6,769	-5,467	-4,563	-3,656	-2,344
8	985,058	990,457	-5,399	71	-7,843	-6,401	-5,399	-4,395	-2,940
9	1,102,328	1,108,667	-6,339	75	-8,939	-7,405	-6,339	-5,269	-3,719
10	1,197,326	1,204,434	-7,108	79	-9,816	-8,219	-7,108	-5,993	-4,375
11	1,279,216	1,287,047	-7,831	79	-10,653	-8,989	-7,831	-6,668	-4,981
12	1,314,841	1,221,539	93,302	81	73,330	85,112	93,302	101,518	113,428
13	1,327,586	1,233,632	93,955	81	73,794	85,686	93,955	102,249	114,272
14	1,333,766	1,239,603	94,163	82	73,911	85,858	94,163	102,495	114,574
15	1,324,708	1,231,382	93,326	84	73,263	85,097	93,326	101,582	113,551
16	1,296,747	1,205,199	91,548	83	72,082	83,563	91,548	99,561	111,181
17	1,250,792	1,161,931	88,861	81	70,279	81,238	88,861	96,512	107,610
18	1,172,155	1,088,526	83,629	77	66,372	76,549	83,629	90,734	101,039
19	1,075,775	1,082,491	-6,716	75	-8,919	-7,621	-6,716	-5,808	-4,488
20	1,023,730	1,030,047	-6,317	73	-8,421	-7,181	-6,317	-5,450	-4,190
21	996,023	1,002,147	-6,124	73	-8,145	-6,954	-6,124	-5,289	-4,078
22	921,374	926,936	-5,561	71	-7,471	-6,345	-5,561	-4,774	-3,631
23	843,282	848,333	-5,050	71	-6,851	-5,790	-5,050	-4,308	-3,231
24	776,485	781,099	-4,615	70	-6,334	-5,320	-4,615	-3,906	-2,879

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	24,303,879	23,755,253	548,626	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2019
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,242
Number of Accounts Enrolled:	28,242

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	26	26	0	70	0	0	0	0	0
2	24	25	0	70	0	0	0	0	0
3	24	24	0	70	0	0	0	0	0
4	24	24	0	69	0	0	0	0	0
5	25	25	0	69	0	0	0	0	0
6	27	27	0	69	0	0	0	0	0
7	31	31	0	69	0	0	0	0	0
8	35	35	0	71	0	0	0	0	0
9	39	39	0	75	0	0	0	0	0
10	42	43	0	79	0	0	0	0	0
11	45	46	0	79	0	0	0	0	0
12	47	43	3	81	3	3	3	4	4
13	47	44	3	81	3	3	3	4	4
14	47	44	3	82	3	3	3	4	4
15	47	44	3	84	3	3	3	4	4
16	46	43	3	83	3	3	3	4	4
17	44	41	3	81	2	3	3	3	4
18	42	39	3	77	2	3	3	3	4
19	38	38	0	75	0	0	0	0	0
20	36	36	0	73	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	33	33	0	71	0	0	0	0	0
23	30	30	0	71	0	0	0	0	0
24	27	28	0	70	0	0	0	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	861	841	19	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,578
Number of Accounts Enrolled:	28,578

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	723,776	728,039	-4,263	73	-5,895	-4,933	-4,263	-3,591	-2,616
2	686,828	690,853	-4,025	72	-5,579	-4,662	-4,025	-3,386	-2,458
3	666,477	670,346	-3,869	72	-5,375	-4,487	-3,869	-3,249	-2,350
4	661,104	664,877	-3,773	72	-5,289	-4,395	-3,773	-3,149	-2,245
5	689,389	693,292	-3,904	71	-5,518	-4,566	-3,904	-3,239	-2,277
6	762,044	766,277	-4,232	70	-6,058	-4,981	-4,232	-3,482	-2,394
7	870,863	875,360	-4,497	71	-6,672	-5,388	-4,497	-3,603	-2,308
8	981,408	986,719	-5,311	73	-7,727	-6,301	-5,311	-4,318	-2,879
9	1,104,631	1,110,921	-6,290	77	-8,864	-7,346	-6,290	-5,230	-3,695
10	1,201,508	1,208,586	-7,078	81	-9,755	-8,176	-7,078	-5,975	-4,375
11	1,282,767	1,290,572	-7,805	83	-10,587	-8,947	-7,805	-6,658	-4,994
12	1,319,091	1,224,969	94,122	85	74,153	85,932	94,122	102,339	114,251
13	1,329,852	1,235,344	94,508	85	74,392	86,258	94,508	102,786	114,787
14	1,331,875	1,237,487	94,388	85	74,245	86,126	94,388	102,676	114,694
15	1,319,026	1,225,881	93,145	84	73,258	84,988	93,145	101,331	113,199
16	1,286,908	1,195,722	91,186	84	71,975	83,305	91,186	99,096	110,567
17	1,240,297	1,151,724	88,573	82	70,266	81,062	88,573	96,113	107,051
18	1,163,330	1,079,888	83,442	82	66,442	76,467	83,442	90,443	100,600
19	1,064,113	1,070,755	-6,642	79	-8,748	-7,507	-6,642	-5,772	-4,508
20	1,015,621	1,021,889	-6,268	75	-8,267	-7,089	-6,268	-5,443	-4,244
21	987,182	993,234	-6,052	73	-7,977	-6,842	-6,052	-5,257	-4,102
22	911,310	916,765	-5,456	72	-7,276	-6,203	-5,456	-4,704	-3,613
23	837,165	842,084	-4,919	72	-6,651	-5,630	-4,919	-4,205	-3,168
24	770,513	774,995	-4,481	71	-6,123	-5,155	-4,481	-3,805	-2,823

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	24,207,078	23,656,577	550,502	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	JUL monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,578
Number of Accounts Enrolled:	28,578

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	25	25	0	73	0	0	0	0	0
2	24	24	0	72	0	0	0	0	0
3	23	23	0	72	0	0	0	0	0
4	23	23	0	72	0	0	0	0	0
5	24	24	0	71	0	0	0	0	0
6	27	27	0	70	0	0	0	0	0
7	30	31	0	71	0	0	0	0	0
8	34	35	0	73	0	0	0	0	0
9	39	39	0	77	0	0	0	0	0
10	42	42	0	81	0	0	0	0	0
11	45	45	0	83	0	0	0	0	0
12	46	43	3	85	3	3	3	4	4
13	47	43	3	85	3	3	3	4	4
14	47	43	3	85	3	3	3	4	4
15	46	43	3	84	3	3	3	4	4
16	45	42	3	84	3	3	3	3	4
17	43	40	3	82	2	3	3	3	4
18	41	38	3	82	2	3	3	3	4
19	37	37	0	79	0	0	0	0	0
20	36	36	0	75	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	32	32	0	72	0	0	0	0	0
23	29	29	0	72	0	0	0	0	0
24	27	27	0	71	0	0	0	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	847	828	19	80.9	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Aggregate Impact
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,609
Number of Accounts Enrolled:	28,609

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	732,339	736,695	-4,356	70	-6,009	-5,034	-4,356	-3,675	-2,688
2	698,514	702,662	-4,149	70	-5,729	-4,797	-4,149	-3,498	-2,555
3	679,806	683,814	-4,008	70	-5,552	-4,641	-4,008	-3,372	-2,451
4	675,282	679,214	-3,932	69	-5,483	-4,568	-3,932	-3,293	-2,368
5	702,900	706,978	-4,078	69	-5,724	-4,753	-4,078	-3,401	-2,420
6	775,111	779,500	-4,390	69	-6,256	-5,155	-4,390	-3,622	-2,511
7	883,125	887,763	-4,638	69	-6,869	-5,552	-4,638	-3,721	-2,394
8	997,508	1,002,994	-5,486	71	-7,957	-6,499	-5,486	-4,471	-3,000
9	1,116,304	1,122,744	-6,440	75	-9,069	-7,518	-6,440	-5,358	-3,790
10	1,212,549	1,219,769	-7,220	79	-9,958	-8,343	-7,220	-6,092	-4,456
11	1,295,513	1,303,466	-7,953	79	-10,806	-9,124	-7,953	-6,777	-5,071
12	1,331,608	1,237,275	94,333	81	74,105	86,037	94,333	102,654	114,717
13	1,344,528	1,249,534	94,994	81	74,574	86,619	94,994	103,395	115,573
14	1,350,796	1,255,589	95,207	82	74,695	86,794	95,207	103,646	115,880
15	1,341,638	1,247,272	94,366	84	74,046	86,032	94,366	102,729	114,852
16	1,313,335	1,220,759	92,576	83	72,859	84,488	92,576	100,693	112,463
17	1,266,800	1,176,940	89,860	81	71,038	82,139	89,860	97,611	108,852
18	1,187,130	1,102,566	84,564	77	67,086	77,394	84,564	91,761	102,200
19	1,089,486	1,096,303	-6,817	75	-9,045	-7,732	-6,817	-5,898	-4,563
20	1,036,758	1,043,170	-6,412	73	-8,539	-7,286	-6,412	-5,535	-4,261
21	1,008,698	1,014,914	-6,216	73	-8,260	-7,055	-6,216	-5,372	-4,147
22	933,094	938,740	-5,646	71	-7,577	-6,439	-5,646	-4,850	-3,694
23	853,999	859,127	-5,128	71	-6,949	-5,875	-5,128	-4,377	-3,288
24	786,335	791,021	-4,685	70	-6,424	-5,399	-4,685	-3,969	-2,930

	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	24,613,155	24,058,808	554,347	51.8	n/a	n/a	n/a	n/a	n/a

Utility:	San Diego Gas & Electric
Type of Results:	Average per Enrolled Customer
DR Program:	Critical Peak Pricing (CPP)
Day Type:	AUG monthly peak
Size Group:	All
Industry Group:	All
Local Capacity Area:	All
Forecast Year:	2020
Weather Year:	1-in-2
Impact Level:	Program Level Impacts

Number of Accounts Called/Notified of Event:	28,609
Number of Accounts Enrolled:	28,609

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	26	26	0	70	0	0	0	0	0
2	24	25	0	70	0	0	0	0	0
3	24	24	0	70	0	0	0	0	0
4	24	24	0	69	0	0	0	0	0
5	25	25	0	69	0	0	0	0	0
6	27	27	0	69	0	0	0	0	0
7	31	31	0	69	0	0	0	0	0
8	35	35	0	71	0	0	0	0	0
9	39	39	0	75	0	0	0	0	0
10	42	43	0	79	0	0	0	0	0
11	45	46	0	79	0	0	0	0	0
12	47	43	3	81	3	3	3	4	4
13	47	44	3	81	3	3	3	4	4
14	47	44	3	82	3	3	3	4	4
15	47	44	3	84	3	3	3	4	4
16	46	43	3	83	3	3	3	4	4
17	44	41	3	81	2	3	3	3	4
18	41	39	3	77	2	3	3	3	4
19	38	38	0	75	0	0	0	0	0
20	36	36	0	73	0	0	0	0	0
21	35	35	0	73	0	0	0	0	0
22	33	33	0	71	0	0	0	0	0
23	30	30	0	71	0	0	0	0	0
24	27	28	0	70	0	0	0	0	0

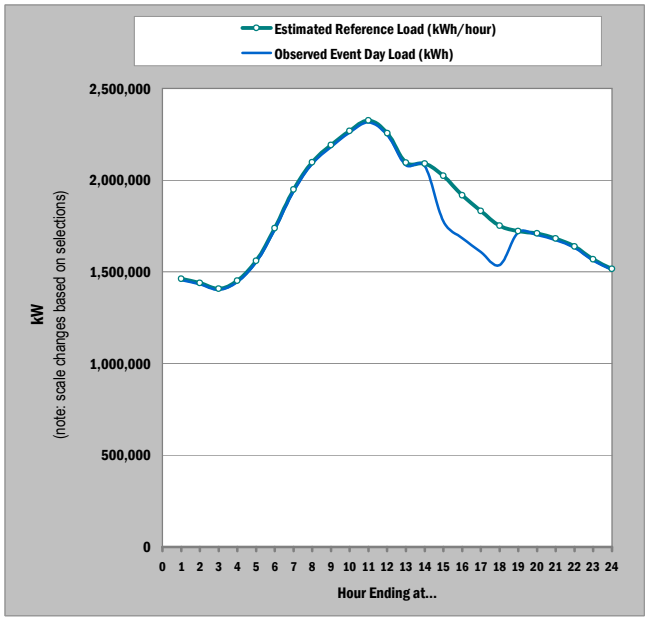
	Energy Use (kWh)	Event Day Energy Use	Energy Use (kWh)	Degree Hours	Uncertainty Adjusted Impact (kWh/hour) - Percentiles				
					10th	30th	50th	70th	90th
Daily	860	841	19	51.8	n/a	n/a	n/a	n/a	n/a

Appendix E: PG&E PDP Ex Ante Load Impact Tables

Aggregate Impacts

Number of Accounts Enrolled: 12,061 **(at End of Month in Which Event Occurred)**

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



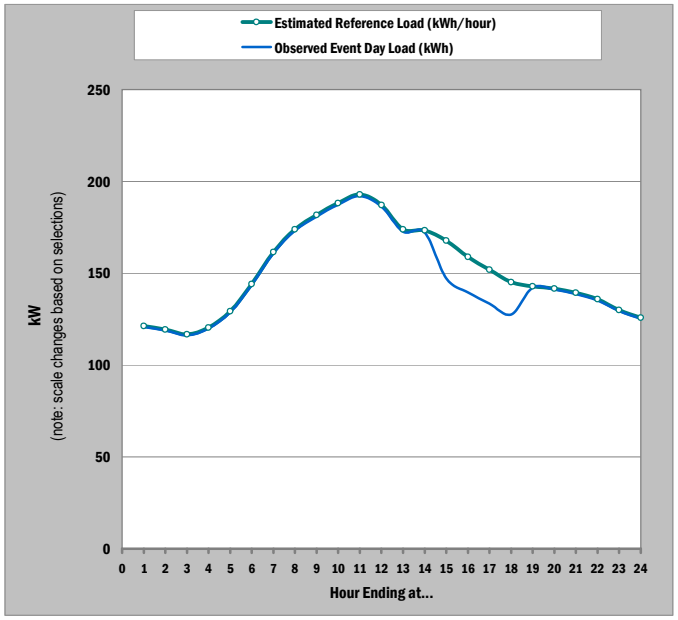
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	1,461,666	1,455,389	6,277	68	2,485	4,785	6,277	7,687	9,585
2	1,438,962	1,432,797	6,166	67	2,437	4,699	6,166	7,552	9,417
3	1,408,090	1,402,016	6,074	66	2,501	4,667	6,074	7,406	9,204
4	1,451,212	1,445,005	6,207	66	2,366	4,699	6,207	7,631	9,540
5	1,559,140	1,552,612	6,529	66	2,050	4,779	6,529	8,167	10,342
6	1,737,893	1,730,772	7,121	65	1,822	5,060	7,121	9,038	11,560
7	1,948,742	1,940,855	7,887	65	1,658	5,471	7,887	10,126	13,056
8	2,096,662	2,088,131	8,531	68	1,852	5,938	8,531	10,935	14,085
9	2,190,618	2,181,571	9,047	70	-1,028	5,066	9,047	12,838	17,988
10	2,268,392	2,258,887	9,505	74	-2,398	4,775	9,505	14,047	20,284
11	2,325,206	2,315,418	9,787	78	-2,432	4,927	9,787	14,460	20,888
12	2,255,790	2,246,092	9,697	81	-2,072	4,999	9,697	14,238	20,526
13	2,096,063	2,081,828	14,235	84	8,385	11,922	14,235	16,441	19,443
14	2,090,558	2,076,192	14,365	87	8,678	12,111	14,365	16,521	19,466
15	2,023,967	1,776,060	247,907	88	71,295	179,360	247,907	311,459	394,710
16	1,916,949	1,683,674	233,274	89	90,862	177,630	233,274	285,385	354,597
17	1,831,262	1,608,686	222,575	88	98,631	173,929	222,575	268,437	329,901
18	1,750,903	1,537,233	213,669	86	95,604	167,313	213,669	257,396	316,039
19	1,722,120	1,714,218	7,902	84	-652	4,450	7,902	11,289	16,068
20	1,708,994	1,701,290	7,704	81	-716	4,318	7,704	11,011	15,650
21	1,681,011	1,673,526	7,484	77	442	4,663	7,484	10,224	14,039
22	1,638,413	1,631,238	7,175	74	3,065	5,555	7,175	8,713	10,791
23	1,568,089	1,561,308	6,781	72	2,807	5,215	6,781	8,265	10,269
24	1,516,739	1,510,239	6,501	70	2,654	4,986	6,501	7,935	9,869

	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
	43,687,442	42,605,037	1,082,401	1,815	390,297	811,317	1,082,401	1,337,200	1,677,318

Average Impacts

Number of Accounts Enrolled: 12,061 **(at End of Month in Which Event Occurred)**

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



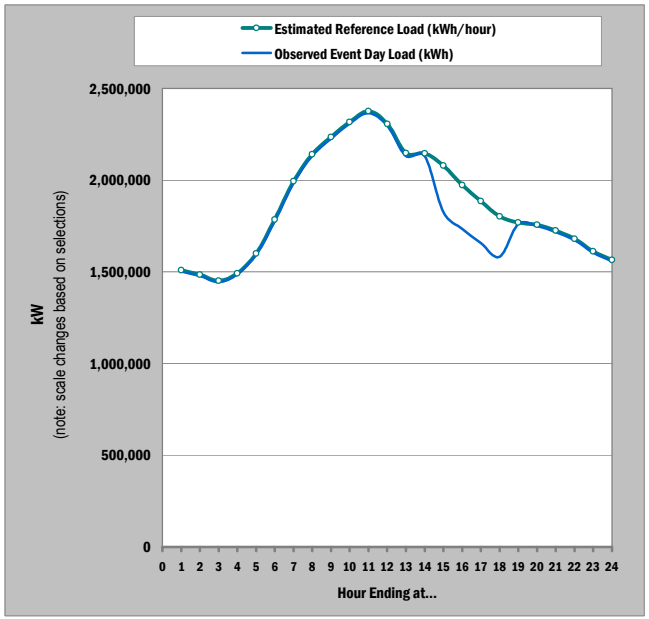
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	121	121	1	68	0	0	1	1	1
2	119	119	1	67	0	0	1	1	1
3	117	116	1	66	0	0	1	1	1
4	120	120	1	66	0	0	1	1	1
5	129	129	1	66	0	0	1	1	1
6	144	143	1	65	0	0	1	1	1
7	162	161	1	65	0	0	1	1	1
8	174	173	1	68	0	0	1	1	1
9	182	181	1	70	0	0	1	1	1
10	188	187	1	74	0	0	1	1	2
11	193	192	1	78	0	0	1	1	2
12	187	186	1	81	0	0	1	1	2
13	174	173	1	84	1	1	1	1	2
14	173	172	1	87	1	1	1	1	2
15	168	147	21	88	6	15	21	26	33
16	159	140	19	89	8	15	19	24	29
17	152	133	18	88	8	14	18	22	27
18	145	127	18	86	8	14	18	21	26
19	143	142	1	84	0	0	1	1	1
20	142	141	1	81	0	0	1	1	1
21	139	139	1	77	0	0	1	1	1
22	136	135	1	74	0	0	1	1	1
23	130	129	1	72	0	0	1	1	1
24	126	125	1	70	0	0	1	1	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				
					10th	30th	50th	70th	90th
Daily	3,622	3,532	90	1,815	32	67	90	111	139

Aggregate Impacts

Number of Accounts Enrolled: 12,278 **(at End of Month in Which Event Occurred)**

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



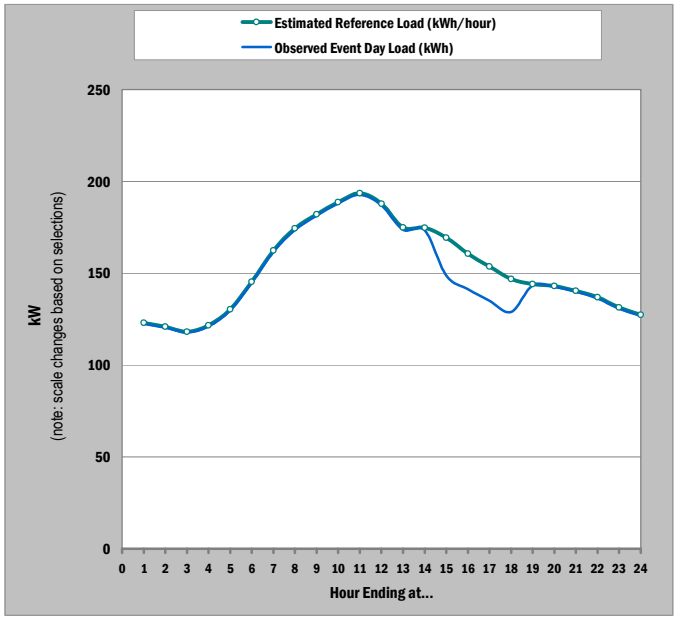
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	1,509,258	1,502,926	6,333	69	2,302	4,753	6,333	7,819	9,804
2	1,484,764	1,478,532	6,232	67	2,260	4,675	6,232	7,695	9,651
3	1,451,124	1,444,993	6,130	66	2,345	4,645	6,130	7,530	9,405
4	1,492,080	1,485,810	6,270	65	2,197	4,676	6,270	7,767	9,762
5	1,600,589	1,593,984	6,605	65	1,844	4,750	6,605	8,333	10,615
6	1,783,971	1,776,728	7,243	64	1,565	5,039	7,243	9,285	11,959
7	1,993,619	1,985,626	7,993	64	1,348	5,421	7,993	10,367	13,458
8	2,140,160	2,131,564	8,596	66	1,527	5,859	8,596	11,124	14,419
9	2,235,278	2,226,099	9,178	69	-1,736	4,869	9,178	13,277	18,836
10	2,317,054	2,307,313	9,741	73	-3,560	4,454	9,741	14,818	21,793
11	2,375,444	2,365,423	10,021	77	-3,577	4,612	10,021	15,221	22,376
12	2,306,176	2,296,256	9,920	81	-3,225	4,672	9,920	14,992	22,015
13	2,147,744	2,132,541	15,202	84	8,856	12,696	15,202	17,586	20,820
14	2,144,979	2,129,409	15,569	88	9,352	13,109	15,569	17,918	21,116
15	2,079,536	1,825,791	253,744	90	66,043	180,995	253,744	321,047	408,951
16	1,973,008	1,733,870	239,137	91	85,799	179,352	239,137	294,947	368,750
17	1,886,456	1,658,124	228,331	91	93,183	175,440	228,331	277,983	344,144
18	1,802,269	1,583,212	219,057	90	89,548	168,369	219,057	266,644	330,063
19	1,768,650	1,760,585	8,065	88	-1,410	4,244	8,065	11,809	17,087
20	1,756,910	1,749,029	7,881	84	-1,562	4,085	7,881	11,585	16,777
21	1,724,633	1,717,067	7,565	79	-24	4,529	7,565	10,508	14,595
22	1,680,411	1,673,202	7,209	76	2,872	5,505	7,209	8,818	10,978
23	1,612,137	1,605,309	6,829	74	2,627	5,179	6,829	8,385	10,472
24	1,564,115	1,557,531	6,584	72	2,479	4,973	6,584	8,104	10,140

	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
	44,830,366	43,720,927	1,109,435	1,834	361,053	816,905	1,109,435	1,383,561	1,747,985

Average Impacts

Number of Accounts Enrolled: 12,278 **(at End of Month in Which Event Occurred)**

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



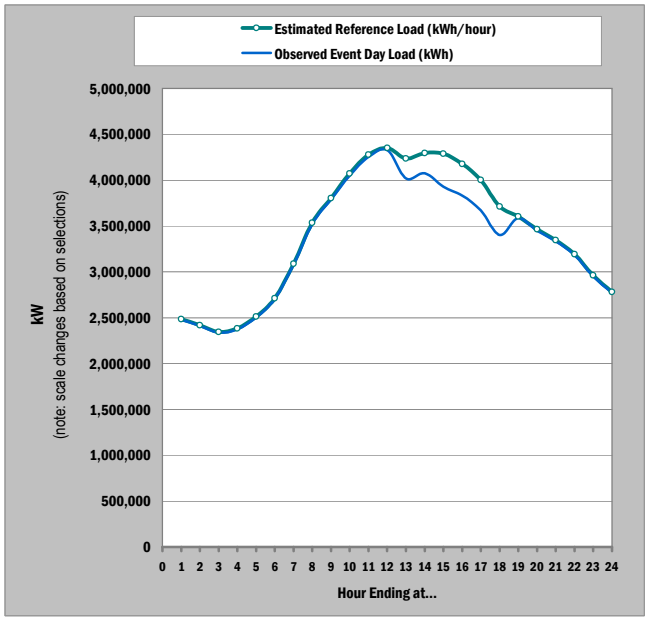
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	123	122	1	69	0	0	1	1	1
2	121	120	1	67	0	0	1	1	1
3	118	118	0	66	0	0	0	1	1
4	122	121	1	65	0	0	1	1	1
5	130	130	1	65	0	0	1	1	1
6	145	145	1	64	0	0	1	1	1
7	162	162	1	64	0	0	1	1	1
8	174	174	1	66	0	0	1	1	1
9	182	181	1	69	0	0	1	1	2
10	189	188	1	73	0	0	1	1	2
11	193	193	1	77	0	0	1	1	2
12	188	187	1	81	0	0	1	1	2
13	175	174	1	84	1	1	1	1	2
14	175	173	1	88	1	1	1	1	2
15	169	149	21	90	5	15	21	26	33
16	161	141	19	91	7	15	19	24	30
17	154	135	19	91	8	14	19	23	28
18	147	129	18	90	7	14	18	22	27
19	144	143	1	88	0	0	1	1	1
20	143	142	1	84	0	0	1	1	1
21	140	140	1	79	0	0	1	1	1
22	137	136	1	76	0	0	1	1	1
23	131	131	1	74	0	0	1	1	1
24	127	127	1	72	0	0	1	1	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				
					10th	30th	50th	70th	90th
Daily	3,651	3,561	90	1,834	29	67	90	113	142

Aggregate Impacts

Number of Accounts Enrolled: 271,447 **(at End of Month in Which Event Occurred)**

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

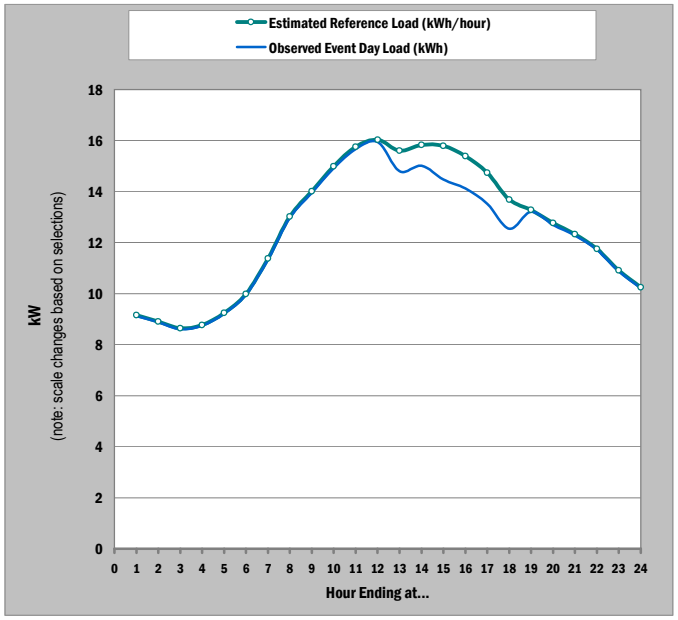


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,484,623	2,475,893	8,730	70	-1,450	4,616	8,730	12,774	18,494
2	2,419,072	2,410,631	8,441	68	-1,404	4,464	8,441	12,349	17,874
3	2,344,306	2,336,070	8,235	68	-1,239	4,405	8,235	12,001	17,330
4	2,381,519	2,373,060	8,458	67	-1,351	4,499	8,458	12,344	17,830
5	2,510,888	2,502,080	8,807	67	-1,758	4,556	8,807	12,960	18,791
6	2,711,983	2,702,830	9,153	66	-2,225	4,592	9,153	13,588	19,774
7	3,088,966	3,078,763	10,203	66	-2,845	4,981	10,203	15,267	22,312
8	3,532,867	3,521,317	11,549	69	-3,248	5,618	11,549	17,313	25,351
9	3,804,038	3,787,538	16,499	71	-123,931	-40,839	16,499	73,669	155,926
10	4,070,134	4,048,129	22,004	75	-187,980	-63,795	22,004	107,638	230,994
11	4,276,723	4,253,592	23,130	79	-199,386	-67,798	23,130	113,892	244,656
12	4,351,788	4,328,022	23,764	82	-207,704	-70,849	23,764	118,239	254,411
13	4,234,367	4,018,273	216,075	85	171,571	197,936	216,075	234,122	260,028
14	4,296,055	4,075,823	220,214	88	175,074	201,805	220,214	238,536	264,845
15	4,287,497	3,928,844	358,633	89	180,432	288,997	358,633	423,876	510,593
16	4,177,069	3,832,415	344,637	90	197,429	286,683	344,637	399,519	473,534
17	4,001,528	3,671,698	329,816	90	200,048	278,497	329,816	378,738	445,308
18	3,713,874	3,403,334	310,526	88	187,868	262,020	310,526	356,772	419,689
19	3,605,779	3,585,843	19,935	86	-175,790	-60,112	19,935	99,928	215,329
20	3,464,716	3,446,044	18,670	83	-162,695	-55,492	18,670	92,764	199,631
21	3,347,352	3,333,099	14,252	80	-108,993	-36,126	14,252	64,561	137,080
22	3,191,344	3,181,273	10,070	77	-1,805	5,264	10,070	14,805	21,522
23	2,962,958	2,953,377	9,580	75	-1,585	5,064	9,580	14,028	20,330
24	2,780,990	2,772,135	8,855	73	-1,463	4,684	8,855	12,957	18,762
	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
	82,040,437	80,020,086	2,020,236	1,852	-74,431	1,173,669	2,020,236	2,852,638	4,030,396

Average Impacts

Number of Accounts Enrolled: 271,447 **(at End of Month in Which Event Occurred)**

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



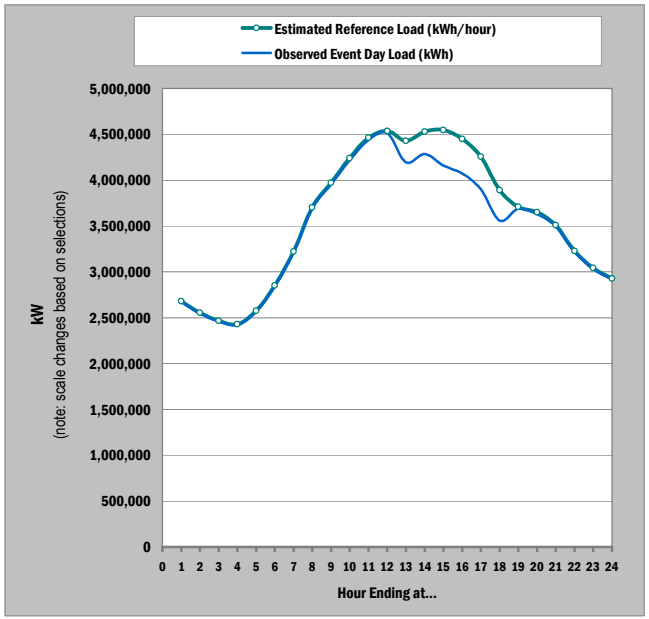
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	9	9	0	68	0	0	0	0	0
4	9	9	0	67	0	0	0	0	0
5	9	9	0	67	0	0	0	0	0
6	10	10	0	66	0	0	0	0	0
7	11	11	0	66	0	0	0	0	0
8	13	13	0	69	0	0	0	0	0
9	14	14	0	71	0	0	0	0	1
10	15	15	0	75	-1	0	0	0	1
11	16	16	0	79	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	90	1	1	1	1	2
17	15	14	1	90	1	1	1	1	2
18	14	13	1	88	1	1	1	1	2
19	13	13	0	86	-1	0	0	0	1
20	13	13	0	83	-1	0	0	0	1
21	12	12	0	80	0	0	0	0	1
22	12	12	0	77	0	0	0	0	0
23	11	11	0	75	0	0	0	0	0
24	10	10	0	73	0	0	0	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	302	295	7	1,852	0	4	7	11	15

Aggregate Impacts

Number of Accounts Enrolled: 279,981 **(at End of Month in Which Event Occurred)**

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



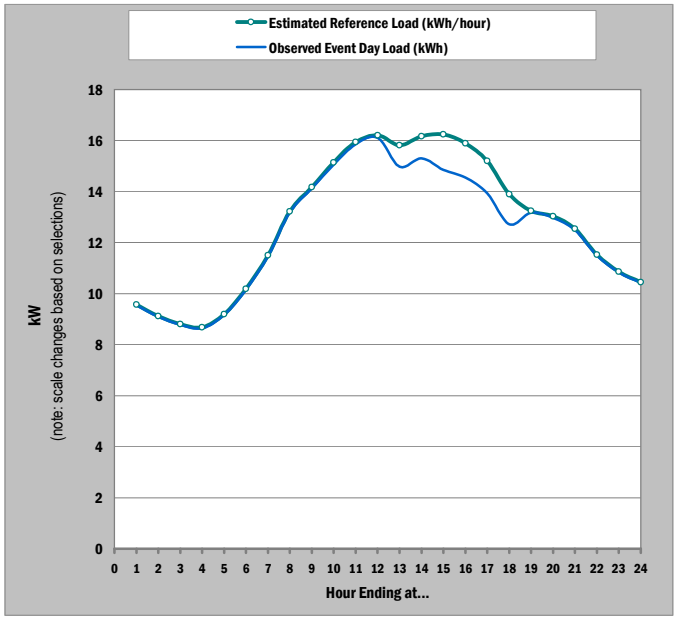
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,678,858	2,671,098	7,761	71	-1,842	3,892	7,761	11,547	16,876
2	2,553,752	2,546,119	7,632	69	-1,770	3,845	7,632	11,339	16,554
3	2,466,666	2,459,327	7,339	68	-1,590	3,740	7,339	10,863	15,825
4	2,428,728	2,421,164	7,564	66	-1,711	3,832	7,564	11,212	16,334
5	2,573,627	2,565,732	7,895	66	-2,182	3,854	7,895	11,825	17,310
6	2,850,993	2,842,309	8,683	65	-2,735	4,117	8,683	13,105	19,246
7	3,219,383	3,209,876	9,506	65	-3,493	4,319	9,506	14,518	21,453
8	3,701,158	3,690,701	10,456	67	-3,933	4,707	10,456	16,019	23,734
9	3,969,982	3,953,436	16,546	71	-133,846	-44,854	16,546	77,757	165,811
10	4,237,781	4,214,289	23,491	74	-205,606	-70,114	23,491	116,915	251,481
11	4,462,920	4,438,325	24,592	79	-216,895	-74,083	24,592	123,084	264,978
12	4,536,322	4,510,934	25,386	82	-227,281	-77,886	25,386	128,502	277,121
13	4,426,994	4,193,637	233,336	85	185,366	213,790	233,336	252,784	280,668
14	4,527,912	4,285,030	242,861	89	193,236	222,626	242,861	263,003	291,898
15	4,546,621	4,157,515	389,087	91	195,725	313,564	389,087	459,779	553,623
16	4,447,959	4,073,101	374,839	92	212,816	311,135	374,839	435,055	516,060
17	4,257,009	3,901,153	355,834	93	211,826	299,010	355,834	409,843	483,026
18	3,889,795	3,560,109	329,672	92	193,819	276,093	329,672	380,542	449,407
19	3,708,327	3,687,459	20,867	90	-187,874	-64,501	20,867	106,173	229,223
20	3,649,475	3,629,785	19,689	86	-175,283	-60,030	19,689	99,333	214,193
21	3,511,535	3,497,385	14,149	82	-116,241	-39,144	14,149	67,361	144,053
22	3,226,977	3,217,797	9,180	79	-2,361	4,519	9,180	13,758	20,229
23	3,042,241	3,033,566	8,674	77	-2,076	4,336	8,674	12,931	18,939
24	2,926,103	2,917,724	8,378	75	-1,979	4,200	8,378	12,477	18,258

	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
	85,841,119	83,677,571	2,163,417	1,875	-95,912	1,250,967	2,163,417	3,059,724	4,326,300

Average Impacts

Number of Accounts Enrolled: 279,981 **(at End of Month in Which Event Occurred)**

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



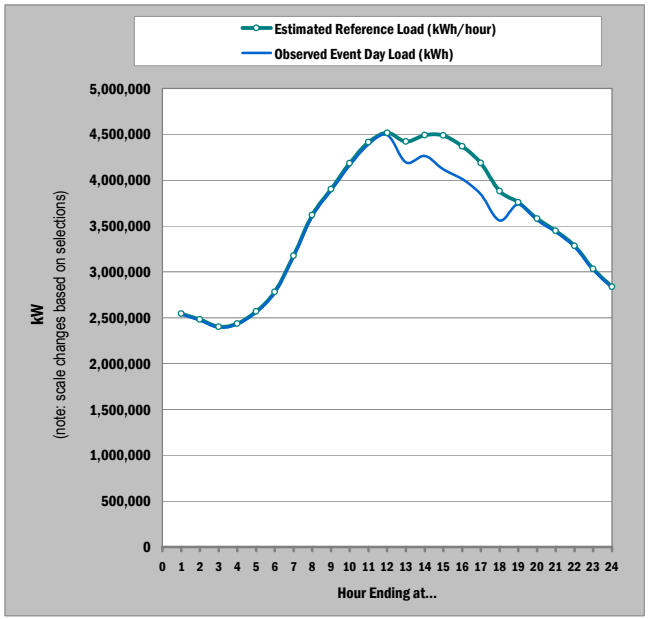
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	10	10	0	71	0	0	0	0	0
2	9	9	0	69	0	0	0	0	0
3	9	9	0	68	0	0	0	0	0
4	9	9	0	66	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	71	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	16	0	79	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	15	1	92	1	1	1	2	2
17	15	14	1	93	1	1	1	1	2
18	14	13	1	92	1	1	1	1	2
19	13	13	0	90	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	13	12	0	82	0	0	0	0	1
22	12	11	0	79	0	0	0	0	0
23	11	11	0	77	0	0	0	0	0
24	10	10	0	75	0	0	0	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	307	299	8	1,875	0	4	8	11	15

Aggregate Impacts

Number of Accounts Enrolled: 288,667 **(at End of Month in Which Event Occurred)**

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



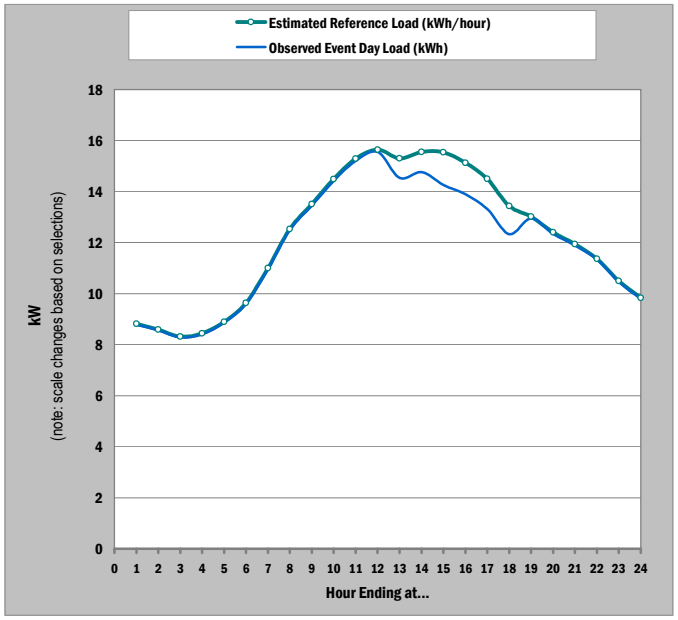
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,544,664	2,535,963	8,700	69	-1,523	4,569	8,700	12,761	18,504
2	2,479,753	2,471,331	8,421	68	-1,472	4,425	8,421	12,349	17,900
3	2,401,280	2,393,077	8,202	67	-1,298	4,363	8,202	11,978	17,320
4	2,435,612	2,427,185	8,426	67	-1,413	4,455	8,426	12,323	17,823
5	2,568,926	2,560,138	8,787	66	-1,831	4,516	8,787	12,961	18,821
6	2,780,355	2,771,243	9,112	65	-2,318	4,531	9,112	13,566	19,778
7	3,176,068	3,165,804	10,263	65	-2,957	4,972	10,263	15,395	22,536
8	3,617,177	3,605,679	11,498	68	-3,369	5,540	11,498	17,288	25,362
9	3,899,241	3,882,562	16,678	71	-127,445	-42,170	16,678	75,357	159,791
10	4,182,481	4,160,023	22,457	74	-193,285	-65,698	22,457	110,444	237,196
11	4,412,233	4,388,641	23,591	78	-204,884	-69,774	23,591	116,788	251,066
12	4,514,954	4,490,730	24,222	82	-213,564	-72,975	24,222	121,280	261,180
13	4,419,241	4,195,582	223,640	85	177,667	204,900	223,640	242,285	269,054
14	4,490,636	4,262,482	228,135	87	181,460	209,099	228,135	247,084	274,296
15	4,485,493	4,116,889	368,584	89	187,448	297,777	368,584	434,959	523,242
16	4,367,600	4,012,804	354,780	89	204,852	295,733	354,780	410,724	486,229
17	4,186,141	3,846,223	339,904	89	207,553	287,544	339,904	389,843	457,846
18	3,879,690	3,559,329	320,347	87	195,191	270,834	320,347	367,579	431,883
19	3,756,968	3,736,412	20,555	85	-183,076	-62,727	20,555	103,783	223,853
20	3,580,844	3,561,621	19,222	82	-169,059	-57,770	19,222	96,144	207,096
21	3,447,011	3,432,531	14,479	78	-113,097	-37,671	14,479	66,559	141,635
22	3,282,204	3,272,148	10,056	76	-1,894	5,219	10,056	14,820	21,579
23	3,030,704	3,021,196	9,507	74	-1,658	4,991	9,507	13,953	20,252
24	2,838,119	2,829,398	8,721	72	-1,528	4,579	8,721	12,794	18,556

	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
	84,777,396	82,698,989	2,078,289	1,833	-71,502	1,209,262	2,078,289	2,933,018	4,142,799

Average Impacts

Number of Accounts Enrolled: 288,667 **(at End of Month in Which Event Occurred)**

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



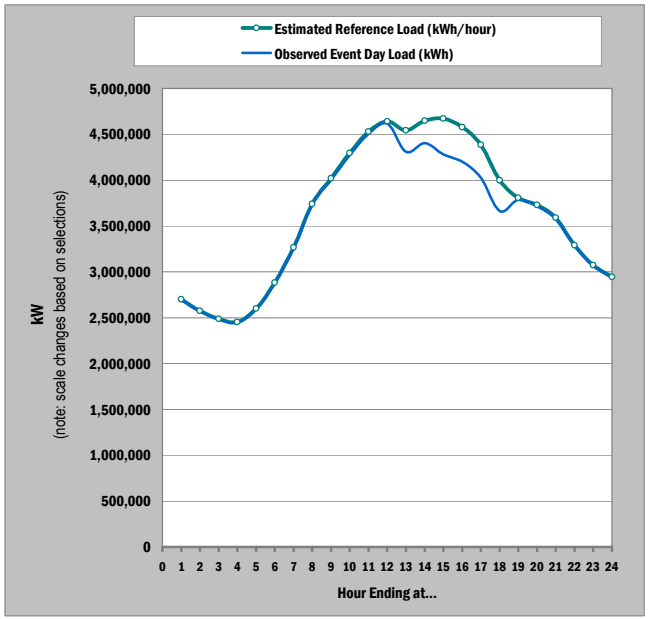
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	8	8	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	12	0	68	0	0	0	0	0
9	14	13	0	71	0	0	0	0	1
10	14	14	0	74	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	87	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	13	12	1	87	1	1	1	1	1
19	13	13	0	85	-1	0	0	0	1
20	12	12	0	82	-1	0	0	0	1
21	12	12	0	78	0	0	0	0	0
22	11	11	0	76	0	0	0	0	0
23	10	10	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	294	286	7	1,833	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 294,324 **(at End of Month in Which Event Occurred)**

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



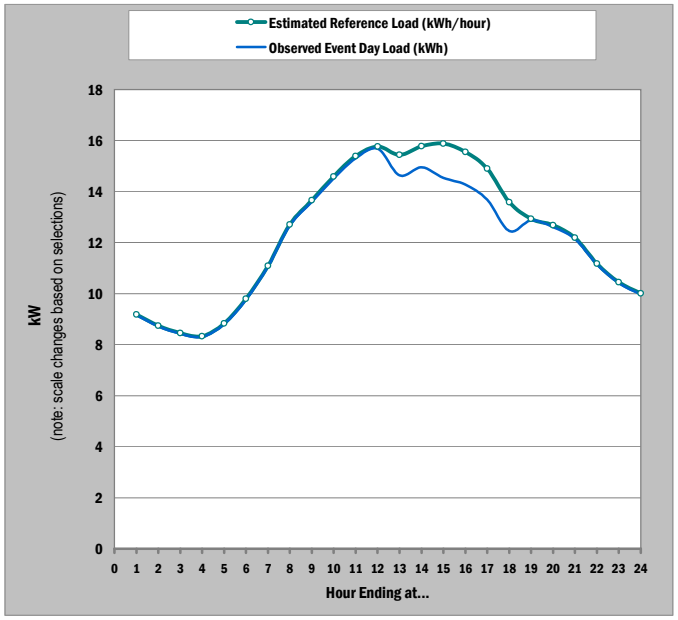
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,701,355	2,693,668	7,687	70	-1,825	3,856	7,687	11,435	16,706
2	2,574,264	2,566,709	7,554	68	-1,753	3,807	7,554	11,221	16,376
3	2,488,522	2,481,244	7,277	67	-1,570	3,713	7,277	10,768	15,679
4	2,451,995	2,444,477	7,518	66	-1,703	3,808	7,518	11,141	16,227
5	2,598,147	2,590,286	7,860	65	-2,180	3,835	7,860	11,774	17,234
6	2,881,514	2,872,853	8,661	65	-2,754	4,098	8,661	13,079	19,213
7	3,265,172	3,255,668	9,504	64	-3,526	4,305	9,504	14,525	21,472
8	3,739,179	3,728,783	10,396	67	-3,949	4,666	10,396	15,938	23,619
9	4,020,228	4,003,709	16,518	70	-133,930	-44,903	16,518	77,750	165,830
10	4,293,726	4,270,241	23,484	73	-205,437	-70,047	23,484	116,832	251,287
11	4,528,649	4,504,035	24,612	78	-217,005	-74,115	24,612	123,154	265,119
12	4,641,171	4,615,704	25,465	81	-228,144	-78,191	25,465	128,964	278,135
13	4,543,462	4,308,658	234,784	85	186,505	215,111	234,784	254,356	282,418
14	4,645,912	4,401,829	244,060	88	194,178	223,722	244,060	264,307	293,351
15	4,672,564	4,279,984	392,562	90	197,403	316,336	392,562	463,913	558,634
16	4,578,720	4,200,194	378,507	92	214,906	314,181	378,507	439,313	521,116
17	4,387,427	4,027,727	359,678	92	214,188	302,266	359,678	414,248	488,198
18	3,998,289	3,664,184	334,090	91	196,673	279,891	334,090	385,557	455,241
19	3,807,994	3,786,848	21,146	89	-191,082	-65,649	21,146	107,876	232,987
20	3,731,391	3,711,480	19,910	85	-177,793	-60,927	19,910	100,670	217,140
21	3,589,612	3,575,381	14,231	81	-117,736	-39,708	14,231	68,088	145,709
22	3,289,684	3,280,530	9,154	77	-2,366	4,502	9,154	13,722	20,177
23	3,074,200	3,065,605	8,595	76	-2,059	4,296	8,595	12,811	18,760
24	2,944,384	2,936,106	8,278	74	-1,956	4,150	8,278	12,324	18,029

	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
	87,447,563	85,265,901	2,181,530	1,854	-92,916	1,263,003	2,181,530	3,083,765	4,358,657

Average Impacts

Number of Accounts Enrolled: 294,324 **(at End of Month in Which Event Occurred)**

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

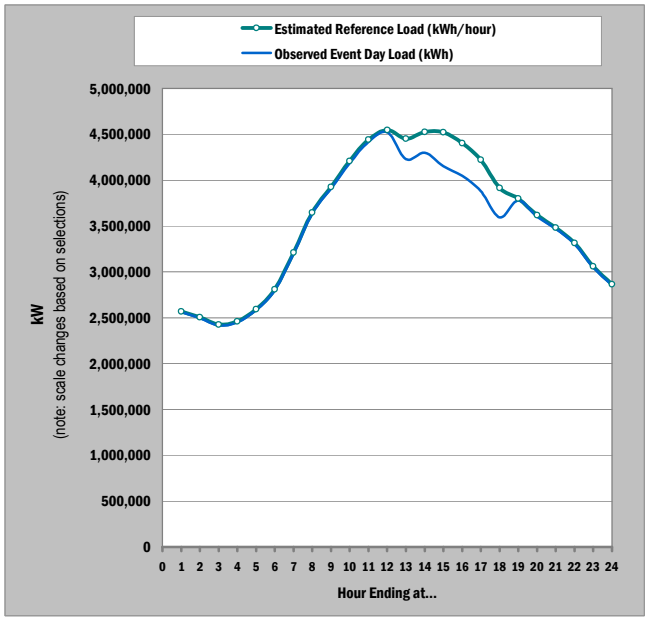


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	8	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	64	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	73	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	81	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	15	1	90	1	1	1	2	2
16	16	14	1	92	1	1	1	1	2
17	15	14	1	92	1	1	1	1	2
18	14	12	1	91	1	1	1	1	2
19	13	13	0	89	-1	0	0	0	1
20	13	13	0	85	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	77	0	0	0	0	0
23	10	10	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	297	290	7	1,854	0	4	7	10	15

Aggregate Impacts

Number of Accounts Enrolled: 293,106 **(at End of Month in Which Event Occurred)**

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

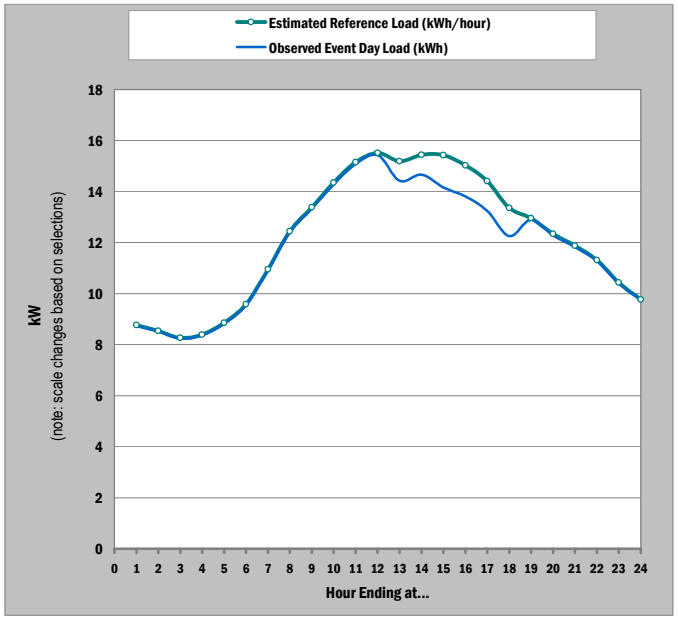


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,568,539	2,559,661	8,878	69	-1,462	4,700	8,878	12,985	18,794
2	2,503,712	2,495,116	8,596	68	-1,413	4,552	8,596	12,569	18,186
3	2,423,914	2,415,543	8,371	67	-1,239	4,487	8,371	12,191	17,596
4	2,459,516	2,450,905	8,610	67	-1,357	4,587	8,610	12,558	18,131
5	2,594,143	2,585,170	8,973	66	-1,776	4,649	8,973	13,199	19,132
6	2,807,651	2,798,356	9,294	65	-2,264	4,661	9,294	13,798	20,081
7	3,208,622	3,198,150	10,471	65	-2,898	5,120	10,471	15,662	22,885
8	3,645,960	3,634,257	11,703	68	-3,290	5,694	11,703	17,542	25,684
9	3,924,232	3,907,443	16,788	71	-126,705	-41,802	16,788	75,206	159,262
10	4,207,497	4,185,035	22,461	74	-192,051	-65,189	22,461	109,942	235,961
11	4,441,213	4,417,620	23,591	78	-203,580	-69,240	23,591	116,254	249,756
12	4,547,528	4,523,308	24,218	82	-212,255	-72,441	24,218	120,736	259,855
13	4,451,983	4,229,290	222,674	85	176,853	203,997	222,674	241,255	267,931
14	4,524,308	4,297,125	227,164	87	180,643	208,192	227,164	246,048	273,166
15	4,520,593	4,150,701	369,871	89	187,474	298,575	369,871	436,699	525,575
16	4,404,234	4,047,965	356,253	89	205,251	296,786	356,253	412,591	488,622
17	4,222,924	3,881,432	341,476	89	208,146	288,731	341,476	391,781	460,276
18	3,915,007	3,592,813	322,180	87	196,025	272,273	322,180	369,786	434,599
19	3,798,429	3,777,753	20,675	85	-183,296	-62,746	20,675	104,041	224,309
20	3,619,478	3,600,148	19,328	82	-169,162	-57,749	19,328	96,335	207,407
21	3,481,726	3,467,095	14,631	79	-113,058	-37,565	14,631	66,756	141,895
22	3,314,834	3,304,577	10,256	76	-1,823	5,367	10,256	15,073	21,905
23	3,059,148	3,049,457	9,691	74	-1,589	5,128	9,691	14,183	20,547
24	2,864,341	2,855,459	8,881	72	-1,464	4,700	8,881	12,993	18,809
	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
	85,509,532	83,424,382	2,085,033	1,834	-66,289	1,215,468	2,085,033	2,940,182	4,150,366

Average Impacts

Number of Accounts Enrolled: 293,106 **(at End of Month in Which Event Occurred)**

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



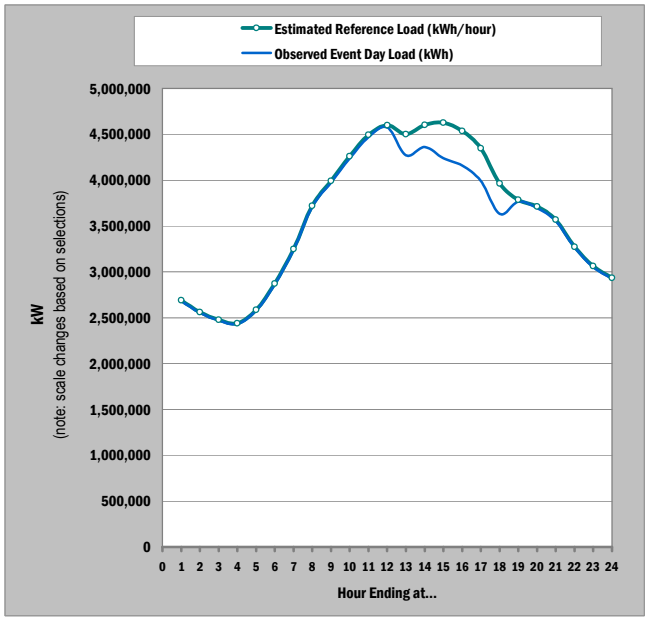
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	8	8	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	12	12	0	68	0	0	0	0	0
9	13	13	0	71	0	0	0	0	1
10	14	14	0	74	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	15	0	82	-1	0	0	0	1
13	15	14	1	85	1	1	1	1	1
14	15	15	1	87	1	1	1	1	1
15	15	14	1	89	1	1	1	1	2
16	15	14	1	89	1	1	1	1	2
17	14	13	1	89	1	1	1	1	2
18	13	12	1	87	1	1	1	1	1
19	13	13	0	85	-1	0	0	0	1
20	12	12	0	82	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	11	11	0	76	0	0	0	0	0
23	10	10	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	292	285	7	1,834	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 290,700 **(at End of Month in Which Event Occurred)**

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

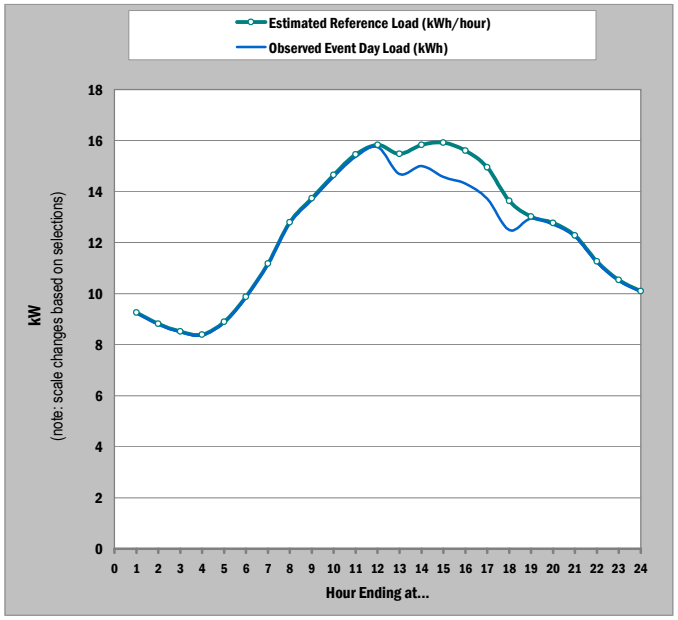


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,690,838	2,683,090	7,748	70	-1,719	3,936	7,748	11,477	16,719
2	2,562,474	2,554,859	7,615	68	-1,650	3,885	7,615	11,262	16,389
3	2,476,606	2,469,269	7,336	67	-1,468	3,790	7,336	10,807	15,690
4	2,440,017	2,432,432	7,585	66	-1,604	3,889	7,585	11,195	16,260
5	2,586,330	2,578,402	7,927	65	-2,080	3,916	7,927	11,826	17,262
6	2,870,650	2,861,911	8,738	65	-2,652	4,186	8,738	13,144	19,258
7	3,249,481	3,239,903	9,577	64	-3,407	4,398	9,577	14,577	21,491
8	3,718,189	3,707,731	10,458	67	-3,803	4,763	10,458	15,963	23,589
9	3,992,317	3,975,918	16,398	70	-130,613	-43,616	16,398	76,221	162,265
10	4,260,185	4,237,023	23,160	73	-200,405	-68,179	23,160	114,314	245,598
11	4,492,556	4,468,278	24,276	78	-211,791	-72,179	24,276	120,545	259,224
12	4,600,248	4,575,131	25,115	81	-222,763	-76,196	25,115	126,266	272,046
13	4,500,559	4,270,942	229,598	85	182,288	210,322	229,598	248,771	276,258
14	4,601,290	4,362,671	238,596	88	189,738	218,678	238,596	258,422	286,858
15	4,627,751	4,238,405	389,329	91	193,721	312,947	389,329	460,795	555,618
16	4,534,998	4,159,486	375,493	92	211,623	311,078	375,493	436,359	518,202
17	4,348,021	3,990,844	357,156	92	211,415	299,659	357,156	411,789	485,788
18	3,964,330	3,632,182	332,133	91	194,383	277,814	332,133	383,697	453,483
19	3,784,058	3,763,105	20,952	89	-187,690	-64,375	20,952	106,214	229,204
20	3,713,296	3,693,551	19,743	86	-174,754	-59,782	19,743	99,190	213,763
21	3,570,664	3,556,477	14,186	81	-115,598	-38,859	14,186	67,148	143,477
22	3,273,626	3,264,408	9,218	78	-2,237	4,593	9,218	13,758	20,172
23	3,062,494	3,053,835	8,659	76	-1,941	4,383	8,659	12,852	18,766
24	2,934,791	2,926,449	8,342	74	-1,844	4,234	8,342	12,367	18,042
	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
	86,855,769	84,696,304	2,159,337	1,857	-84,850	1,253,288	2,159,337	3,048,959	4,305,419

Average Impacts

Number of Accounts Enrolled: 290,700 **(at End of Month in Which Event Occurred)**

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



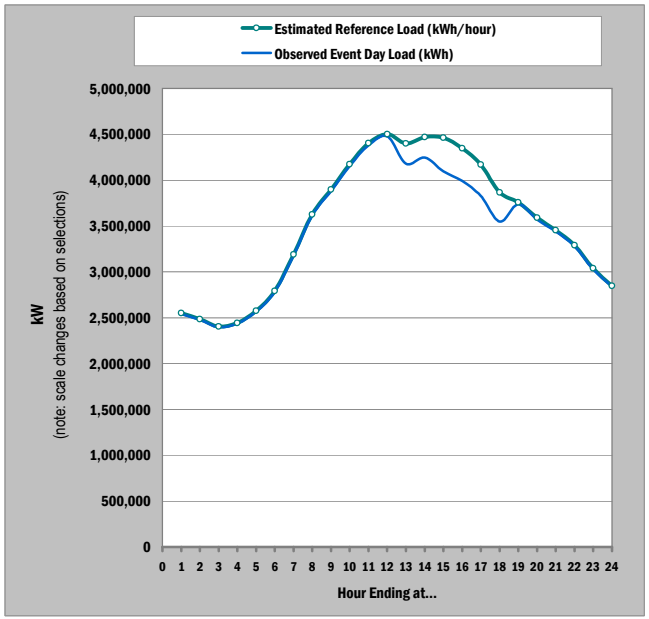
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	9	8	0	67	0	0	0	0	0
4	8	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	64	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	73	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	81	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	12	1	91	1	1	1	1	2
19	13	13	0	89	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	299	291	7	1,857	0	4	7	10	15

Aggregate Impacts

Number of Accounts Enrolled: 285,780 **(at End of Month in Which Event Occurred)**

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



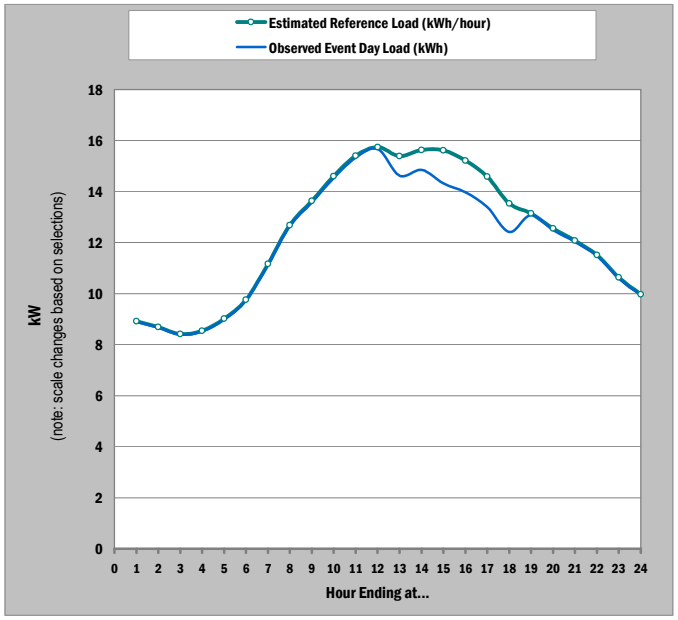
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,549,100	2,540,252	8,847	69	-1,386	4,713	8,847	12,910	18,655
2	2,484,817	2,476,249	8,568	68	-1,339	4,566	8,568	12,498	18,053
3	2,405,724	2,397,380	8,344	67	-1,167	4,501	8,344	12,123	17,468
4	2,442,319	2,433,732	8,587	67	-1,285	4,603	8,587	12,495	18,009
5	2,576,606	2,567,657	8,949	66	-1,703	4,665	8,949	13,134	19,007
6	2,790,426	2,781,138	9,287	65	-2,188	4,688	9,287	13,756	19,988
7	3,190,553	3,180,109	10,444	65	-2,816	5,138	10,444	15,588	22,743
8	3,624,960	3,613,287	11,673	68	-3,197	5,715	11,673	17,460	25,525
9	3,895,786	3,879,110	16,675	71	-124,439	-40,940	16,675	74,118	156,762
10	4,173,764	4,151,514	22,249	75	-188,541	-63,877	22,249	108,206	232,023
11	4,402,221	4,378,849	23,371	78	-199,917	-67,870	23,371	114,442	245,646
12	4,499,821	4,475,830	23,990	82	-208,459	-71,021	23,990	118,859	255,596
13	4,398,375	4,179,489	218,867	85	173,764	200,484	218,867	237,153	263,401
14	4,468,092	4,244,833	223,242	88	177,463	204,574	223,242	241,821	268,498
15	4,463,105	4,095,024	368,061	89	185,138	296,572	368,061	435,052	524,113
16	4,347,425	3,993,055	354,354	89	203,024	294,769	354,354	410,789	486,923
17	4,169,089	3,829,379	339,696	89	206,108	286,859	339,696	390,076	458,648
18	3,867,708	3,547,114	320,580	87	194,159	270,577	320,580	368,266	433,166
19	3,757,999	3,737,532	20,466	85	-179,983	-61,514	20,466	102,390	220,577
20	3,589,633	3,570,491	19,140	82	-166,123	-56,616	19,140	94,826	203,990
21	3,453,853	3,439,335	14,518	79	-110,957	-36,772	14,518	65,736	139,564
22	3,290,191	3,279,975	10,215	76	-1,730	5,382	10,215	14,976	21,726
23	3,039,940	3,030,278	9,661	74	-1,506	5,145	9,661	14,107	20,402
24	2,848,351	2,839,481	8,870	72	-1,386	4,726	8,870	12,944	18,705

	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
	84,729,861	82,661,092	2,068,654	1,837	-58,465	1,209,066	2,068,654	2,913,725	4,109,187

Average Impacts

Number of Accounts Enrolled: 285,780 **(at End of Month in Which Event Occurred)**

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



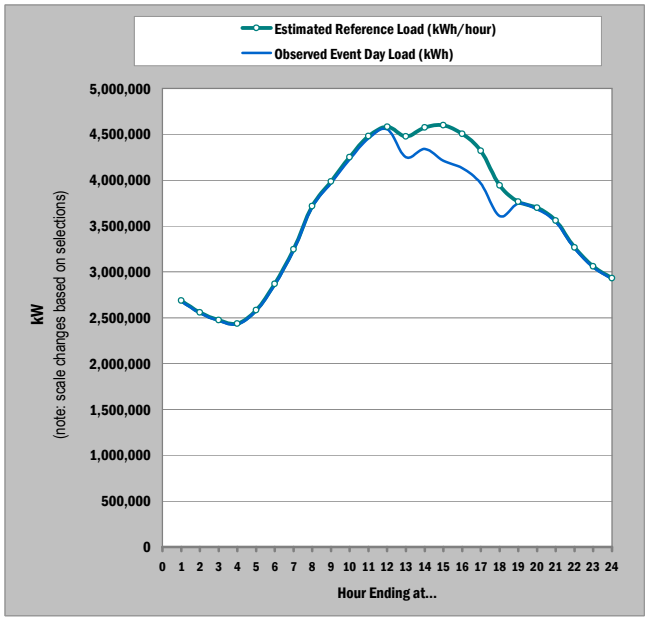
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	9	9	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	68	0	0	0	0	0
9	14	14	0	71	0	0	0	0	1
10	15	15	0	75	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	14	12	1	87	1	1	1	1	2
19	13	13	0	85	-1	0	0	0	1
20	13	12	0	82	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	12	11	0	76	0	0	0	0	0
23	11	11	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	296	289	7	1,837	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 286,078 **(at End of Month in Which Event Occurred)**

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



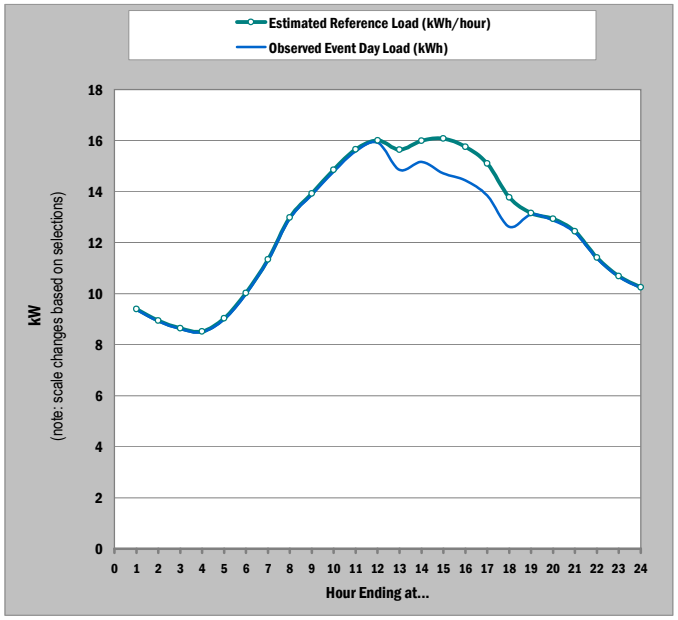
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,687,803	2,680,024	7,779	70	-1,658	3,980	7,779	11,494	16,715
2	2,558,758	2,551,111	7,646	68	-1,590	3,929	7,646	11,281	16,389
3	2,473,387	2,466,020	7,366	67	-1,409	3,832	7,366	10,825	15,688
4	2,436,205	2,428,585	7,619	66	-1,546	3,934	7,619	11,218	16,266
5	2,582,563	2,574,602	7,961	65	-2,022	3,961	7,961	11,848	17,266
6	2,866,793	2,858,020	8,773	65	-2,592	4,232	8,773	13,168	19,264
7	3,245,548	3,235,931	9,616	65	-3,342	4,448	9,616	14,604	21,497
8	3,714,806	3,704,307	10,498	67	-3,731	4,818	10,498	15,989	23,591
9	3,984,638	3,968,251	16,385	70	-129,268	-43,072	16,385	75,650	160,887
10	4,249,541	4,226,460	23,079	74	-198,327	-67,375	23,079	113,348	243,352
11	4,479,480	4,455,286	24,192	78	-209,634	-71,345	24,192	119,540	256,890
12	4,579,868	4,554,849	25,018	82	-220,459	-75,309	25,018	125,185	269,541
13	4,475,964	4,248,555	227,390	85	180,483	208,279	227,390	246,396	273,641
14	4,575,580	4,339,250	236,308	89	187,870	216,562	236,308	255,961	284,146
15	4,599,920	4,210,780	389,123	91	192,624	312,400	389,123	460,898	556,113
16	4,505,975	4,130,773	375,184	92	210,623	310,504	375,184	436,292	518,443
17	4,319,396	3,962,493	356,882	92	210,533	299,151	356,882	411,729	486,004
18	3,941,328	3,609,363	331,950	91	193,599	277,400	331,950	383,728	453,787
19	3,765,822	3,744,964	20,857	89	-185,591	-63,572	20,857	105,220	226,911
20	3,700,149	3,680,485	19,663	86	-172,866	-59,056	19,663	98,303	211,711
21	3,558,062	3,543,897	14,164	81	-114,318	-38,348	14,164	66,593	142,150
22	3,264,423	3,255,175	9,248	78	-2,161	4,642	9,248	13,768	20,152
23	3,058,498	3,049,805	8,692	76	-1,873	4,431	8,692	12,870	18,761
24	2,932,286	2,923,910	8,376	74	-1,780	4,281	8,376	12,388	18,043

	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
	86,556,793	84,402,897	2,153,769	1,860	-78,434	1,252,705	2,153,769	3,038,295	4,287,208

Average Impacts

Number of Accounts Enrolled: 286,078 **(at End of Month in Which Event Occurred)**

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



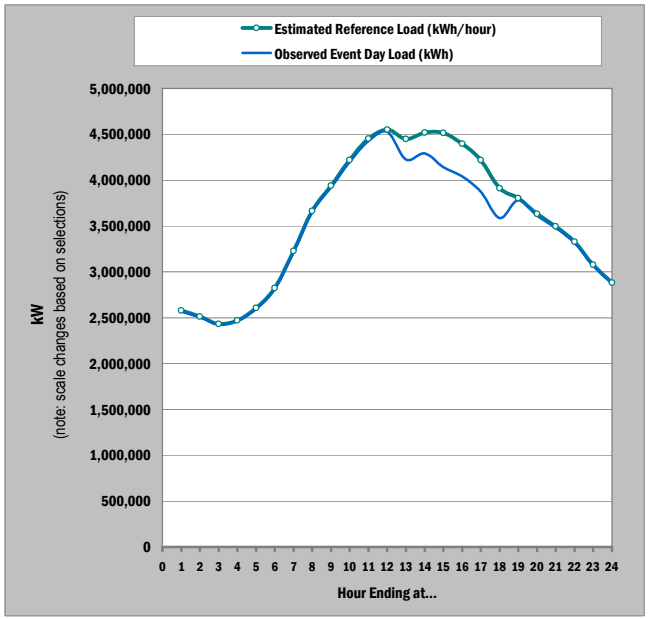
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	9	9	0	67	0	0	0	0	0
4	9	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	16	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	13	1	91	1	1	1	1	2
19	13	13	0	89	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	303	295	8	1,860	0	4	8	11	15

Aggregate Impacts

Number of Accounts Enrolled: 289,304 **(at End of Month in Which Event Occurred)**

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



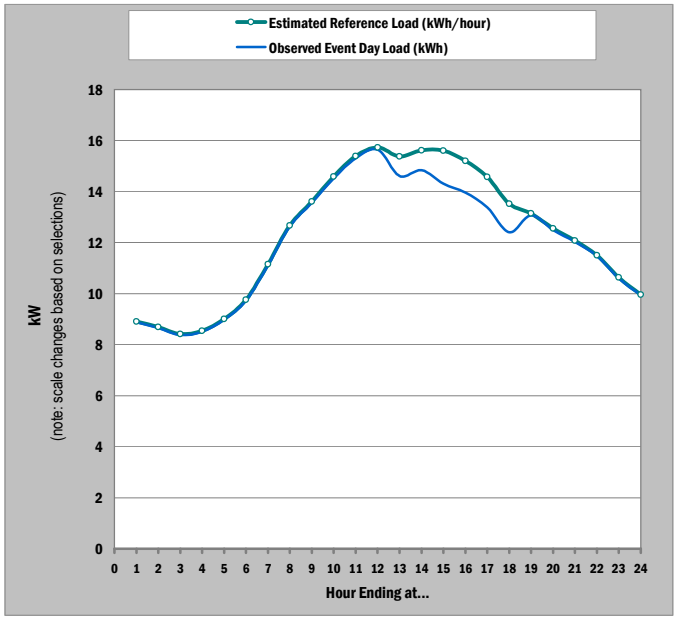
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,578,156	2,569,207	8,949	69	-1,379	4,776	8,949	13,049	18,848
2	2,513,190	2,504,524	8,666	68	-1,332	4,628	8,666	12,634	18,241
3	2,433,361	2,424,919	8,441	67	-1,159	4,562	8,441	12,255	17,650
4	2,470,406	2,461,719	8,687	67	-1,277	4,666	8,687	12,632	18,199
5	2,605,761	2,596,707	9,053	66	-1,696	4,729	9,053	13,277	19,205
6	2,821,933	2,812,533	9,400	65	-2,183	4,758	9,400	13,911	20,203
7	3,226,000	3,215,436	10,564	65	-2,813	5,211	10,564	15,754	22,974
8	3,665,127	3,653,321	11,805	68	-3,195	5,795	11,805	17,643	25,781
9	3,938,720	3,921,868	16,850	71	-125,486	-41,264	16,850	74,792	158,155
10	4,220,095	4,197,622	22,473	75	-190,141	-64,399	22,473	109,174	234,064
11	4,451,288	4,427,679	23,607	78	-201,628	-68,430	23,607	115,473	247,823
12	4,550,419	4,526,185	24,233	82	-210,252	-71,611	24,233	119,934	257,871
13	4,447,818	4,227,003	220,796	85	175,298	202,252	220,796	239,243	265,722
14	4,518,528	4,293,302	225,208	88	179,027	206,376	225,208	243,951	270,862
15	4,513,986	4,141,880	372,086	89	187,612	299,980	372,086	439,669	529,541
16	4,397,353	4,039,064	358,274	89	205,559	298,136	358,274	415,243	492,118
17	4,217,120	3,873,624	343,480	89	208,611	290,130	343,480	394,359	463,626
18	3,912,339	3,588,158	324,167	87	196,527	273,675	324,167	372,328	437,889
19	3,802,069	3,781,391	20,677	85	-181,559	-62,034	20,677	103,331	222,571
20	3,631,986	3,612,646	19,339	82	-167,582	-57,095	19,339	95,701	205,843
21	3,494,418	3,479,744	14,673	79	-111,907	-37,068	14,673	66,342	140,822
22	3,328,964	3,318,632	10,333	76	-1,723	5,454	10,333	15,138	21,952
23	3,075,921	3,066,147	9,773	74	-1,498	5,215	9,773	14,261	20,616
24	2,882,440	2,873,463	8,977	72	-1,378	4,792	8,977	13,091	18,909

	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
	85,697,399	83,606,774	2,090,509	1,837	-55,553	1,223,233	2,090,509	2,943,185	4,149,482

Average Impacts

Number of Accounts Enrolled: 289,304 **(at End of Month in Which Event Occurred)**

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



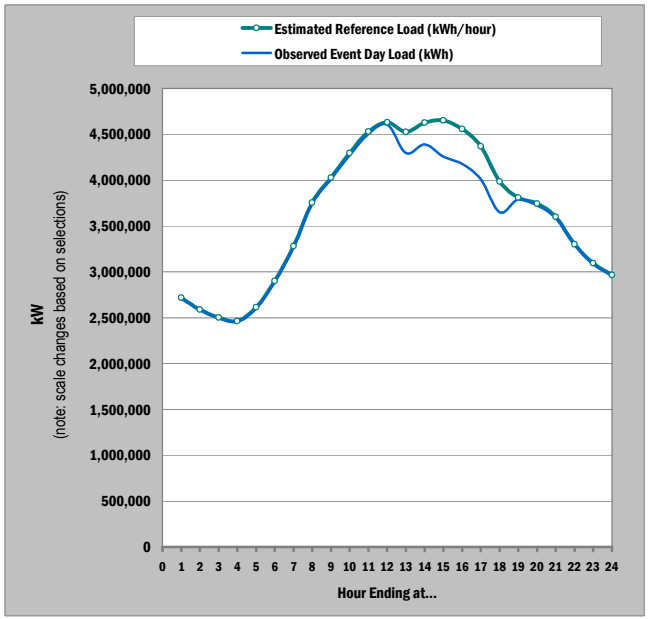
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	9	9	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	68	0	0	0	0	0
9	14	14	0	71	0	0	0	0	1
10	15	15	0	75	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	14	12	1	87	1	1	1	1	2
19	13	13	0	85	-1	0	0	0	1
20	13	12	0	82	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	12	11	0	76	0	0	0	0	0
23	11	11	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	296	289	7	1,837	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 289,596 **(at End of Month in Which Event Occurred)**

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



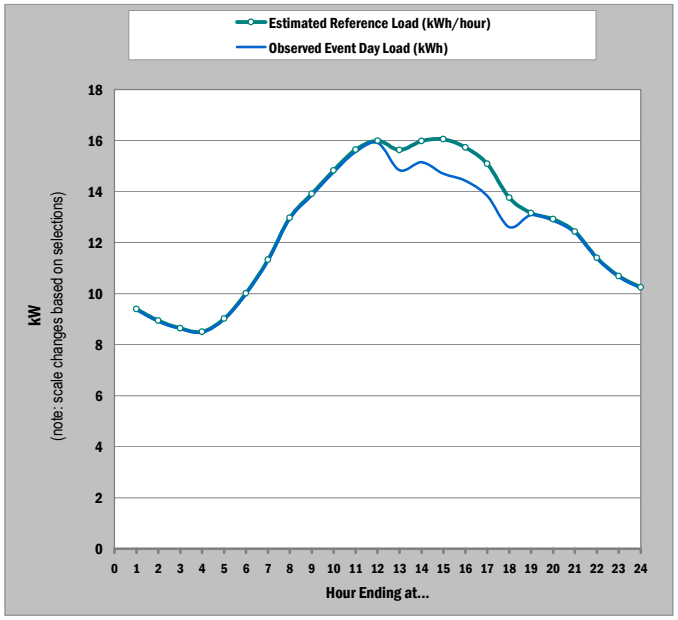
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,719,262	2,711,382	7,880	70	-1,650	4,043	7,880	11,632	16,907
2	2,588,457	2,580,710	7,746	68	-1,582	3,991	7,746	11,418	16,578
3	2,502,267	2,494,804	7,463	67	-1,400	3,893	7,463	10,956	15,869
4	2,464,153	2,456,434	7,719	66	-1,537	3,997	7,719	11,354	16,454
5	2,611,720	2,603,656	8,064	65	-2,015	4,025	8,064	11,988	17,461
6	2,898,508	2,889,622	8,885	65	-2,586	4,301	8,885	13,322	19,478
7	3,280,534	3,270,797	9,737	65	-3,339	4,522	9,737	14,771	21,730
8	3,755,506	3,744,876	10,630	67	-3,729	4,898	10,630	16,172	23,846
9	4,027,831	4,011,266	16,564	70	-130,329	-43,400	16,564	76,334	162,298
10	4,295,487	4,272,177	23,308	74	-199,957	-67,906	23,308	114,335	245,432
11	4,528,436	4,504,001	24,434	78	-211,391	-71,920	24,434	120,599	259,125
12	4,630,243	4,604,973	25,268	82	-222,314	-75,920	25,268	126,295	271,892
13	4,525,463	4,296,067	229,376	85	182,062	210,099	229,376	248,548	276,032
14	4,626,138	4,387,758	238,358	89	189,501	218,441	238,358	258,182	286,612
15	4,650,980	4,257,681	393,281	91	195,163	315,916	393,281	465,673	561,733
16	4,556,367	4,177,112	379,236	92	213,221	313,975	379,236	440,903	523,829
17	4,368,205	4,007,388	360,796	92	213,094	302,523	360,796	416,167	491,170
18	3,986,176	3,650,523	335,639	91	196,000	280,573	335,639	387,914	458,666
19	3,809,067	3,787,993	21,072	89	-187,198	-64,102	21,072	106,180	228,946
20	3,743,049	3,723,181	19,866	86	-174,363	-59,548	19,866	99,202	213,613
21	3,599,992	3,585,666	14,325	81	-115,304	-38,656	14,325	67,223	143,456
22	3,302,424	3,293,056	9,368	78	-2,154	4,717	9,368	13,934	20,383
23	3,094,632	3,085,825	8,806	76	-1,866	4,501	8,806	13,027	18,978
24	2,967,057	2,958,570	8,486	74	-1,773	4,349	8,486	12,540	18,253

	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
	87,531,954	85,355,519	2,176,308	1,860	-75,444	1,267,314	2,176,308	3,068,671	4,328,740

Average Impacts

Number of Accounts Enrolled: 289,596 **(at End of Month in Which Event Occurred)**

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



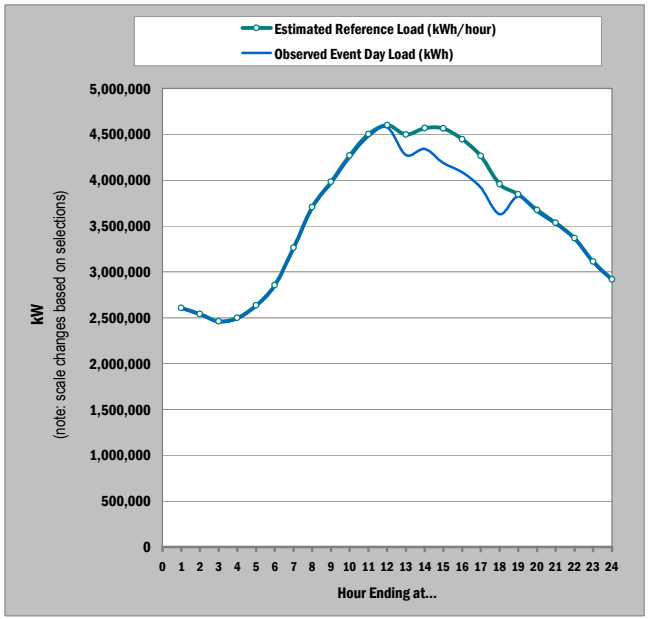
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	9	9	0	67	0	0	0	0	0
4	9	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	16	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	13	1	91	1	1	1	1	2
19	13	13	0	89	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	302	295	8	1,860	0	4	8	11	15

Aggregate Impacts

Number of Accounts Enrolled: 292,793 **(at End of Month in Which Event Occurred)**

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



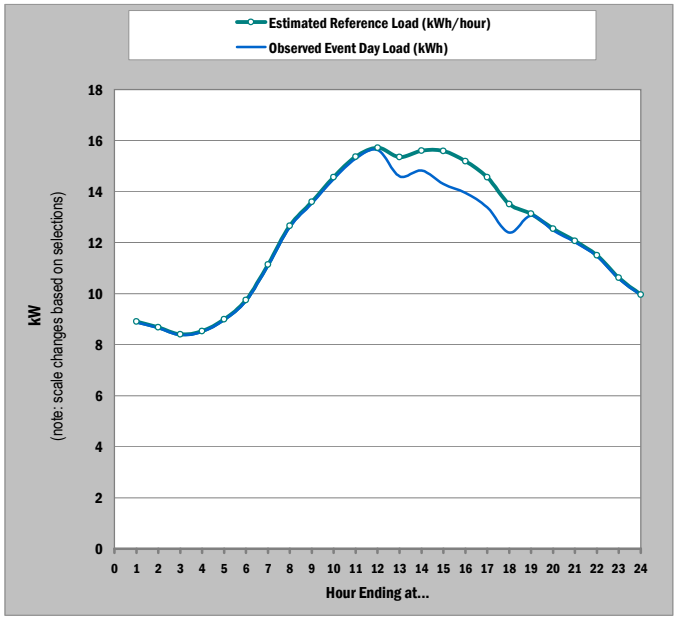
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,606,772	2,597,722	9,049	69	-1,371	4,839	9,049	13,187	19,038
2	2,541,134	2,532,369	8,764	68	-1,324	4,690	8,764	12,767	18,426
3	2,460,588	2,452,051	8,536	67	-1,150	4,622	8,536	12,385	17,829
4	2,498,055	2,489,268	8,786	67	-1,269	4,728	8,786	12,767	18,386
5	2,634,406	2,625,250	9,156	66	-1,689	4,794	9,156	13,418	19,400
6	2,852,828	2,843,317	9,511	65	-2,176	4,826	9,511	14,064	20,414
7	3,260,724	3,250,042	10,682	65	-2,807	5,284	10,682	15,917	23,200
8	3,704,500	3,692,565	11,935	68	-3,189	5,874	11,935	17,822	26,030
9	3,980,828	3,963,803	17,023	71	-126,521	-41,585	17,023	75,457	159,531
10	4,265,570	4,242,876	22,693	75	-191,723	-64,916	22,693	110,131	236,082
11	4,499,469	4,475,628	23,839	78	-203,320	-68,985	23,839	116,492	249,975
12	4,600,176	4,575,702	24,473	82	-212,025	-72,194	24,473	120,997	260,120
13	4,496,557	4,273,832	222,706	85	176,819	204,003	222,706	241,312	268,020
14	4,568,270	4,341,097	227,154	88	180,577	208,160	227,154	246,059	273,203
15	4,564,209	4,188,136	376,052	89	190,123	303,366	376,052	444,194	534,837
16	4,446,684	4,084,525	362,142	89	208,112	301,477	362,142	419,623	497,209
17	4,264,598	3,917,365	347,219	89	211,122	293,375	347,219	398,577	468,515
18	3,956,455	3,628,730	327,710	87	198,902	276,749	327,710	376,328	442,527
19	3,845,592	3,824,705	20,885	85	-183,119	-62,549	20,885	104,263	224,546
20	3,673,777	3,654,241	19,535	82	-169,026	-57,570	19,535	96,568	207,677
21	3,534,433	3,519,605	14,827	79	-112,846	-37,362	14,827	66,942	142,066
22	3,367,204	3,356,755	10,449	76	-1,716	5,526	10,449	15,298	22,174
23	3,111,397	3,101,512	9,884	74	-1,490	5,284	9,884	14,412	20,827
24	2,916,040	2,906,957	9,083	72	-1,370	4,859	9,083	13,236	19,110

	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
	86,650,264	84,538,055	2,112,092	1,838	-52,474	1,237,297	2,112,092	2,972,215	4,189,141

Average Impacts

Number of Accounts Enrolled: 292,793 **(at End of Month in Which Event Occurred)**

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



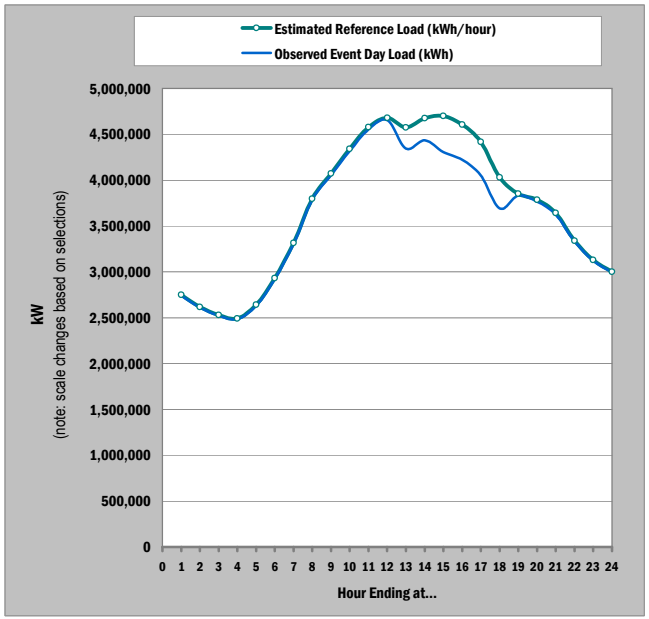
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	9	9	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	68	0	0	0	0	0
9	14	14	0	71	0	0	0	0	1
10	15	14	0	75	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	14	12	1	87	1	1	1	1	2
19	13	13	0	85	-1	0	0	0	1
20	13	12	0	82	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	12	11	0	76	0	0	0	0	0
23	11	11	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	296	289	7	1,838	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 293,084 **(at End of Month in Which Event Occurred)**

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



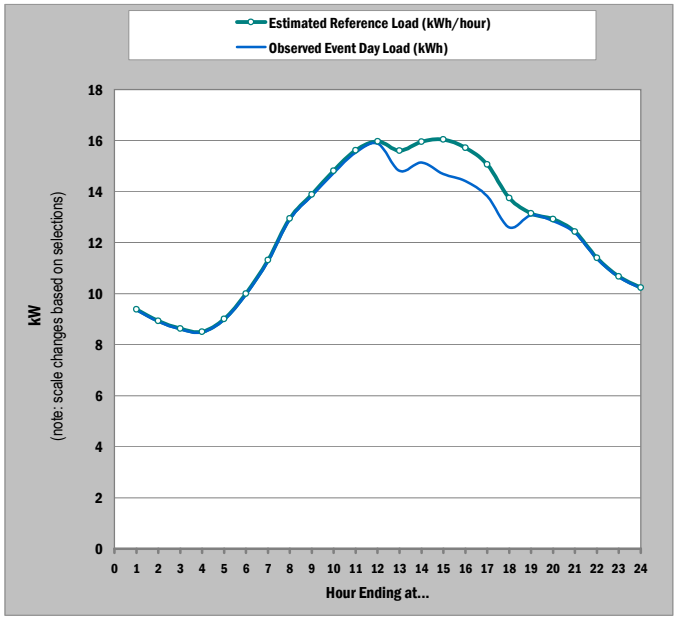
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,750,288	2,742,307	7,980	70	-1,641	4,106	7,980	11,769	17,096
2	2,617,740	2,609,894	7,845	69	-1,572	4,054	7,845	11,553	16,764
3	2,530,754	2,523,195	7,558	67	-1,390	3,954	7,558	11,086	16,048
4	2,491,692	2,483,873	7,818	66	-1,527	4,060	7,818	11,489	16,639
5	2,640,398	2,632,233	8,165	65	-2,006	4,088	8,165	12,127	17,652
6	2,929,648	2,920,652	8,996	65	-2,579	4,370	8,996	13,473	19,687
7	3,314,847	3,304,990	9,856	65	-3,333	4,595	9,856	14,934	21,957
8	3,795,461	3,784,700	10,760	67	-3,724	4,977	10,760	16,351	24,095
9	4,070,253	4,053,511	16,740	70	-131,379	-43,725	16,740	77,010	163,696
10	4,340,639	4,317,103	23,534	74	-201,570	-68,432	23,534	115,312	247,493
11	4,576,566	4,551,891	24,673	78	-213,130	-72,490	24,673	121,646	261,338
12	4,679,845	4,654,328	25,516	82	-224,151	-76,525	25,516	127,394	274,219
13	4,574,311	4,342,946	231,345	85	183,629	211,904	231,345	250,681	278,400
14	4,676,057	4,435,645	240,390	89	191,119	220,304	240,390	260,383	289,055
15	4,701,438	4,304,038	397,383	91	197,748	319,413	397,383	470,356	567,217
16	4,606,212	4,222,956	383,238	92	215,844	317,426	383,238	445,440	529,108
17	4,416,506	4,051,821	364,664	92	215,671	305,874	364,664	420,539	496,244
18	4,030,558	3,691,259	339,285	91	198,418	283,727	339,285	392,039	463,458
19	3,851,821	3,830,534	21,286	89	-188,791	-64,627	21,286	107,133	230,964
20	3,785,428	3,765,359	20,068	86	-175,848	-60,036	20,068	100,093	215,498
21	3,641,397	3,626,911	14,485	81	-116,281	-38,961	14,485	67,846	144,749
22	3,339,930	3,330,443	9,487	78	-2,147	4,790	9,487	14,099	20,612
23	3,130,292	3,121,373	8,918	76	-1,857	4,572	8,918	13,181	19,192
24	3,001,369	2,992,774	8,595	74	-1,765	4,417	8,595	12,689	18,459

	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
	88,493,449	86,294,736	2,198,584	1,860	-72,263	1,281,835	2,198,584	3,098,623	4,369,640

Average Impacts

Number of Accounts Enrolled: 293,084 **(at End of Month in Which Event Occurred)**

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



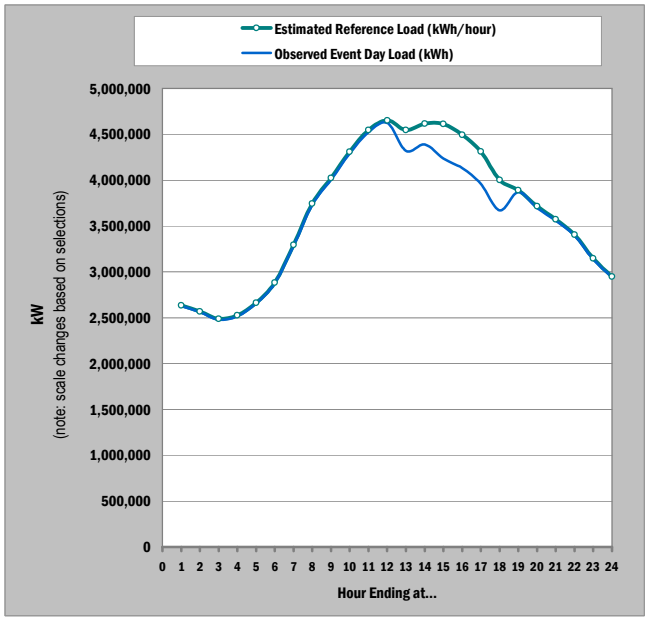
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	69	0	0	0	0	0
3	9	9	0	67	0	0	0	0	0
4	9	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	16	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	13	1	91	1	1	1	1	2
19	13	13	0	89	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	302	294	8	1,860	0	4	8	11	15

Aggregate Impacts

Number of Accounts Enrolled: 296,274 **(at End of Month in Which Event Occurred)**

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

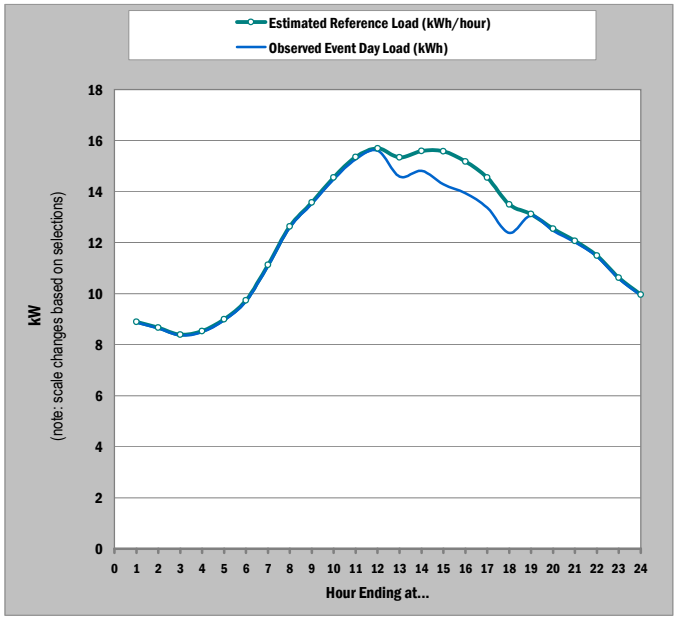


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,635,177	2,626,028	9,149	69	-1,362	4,902	9,149	13,323	19,226
2	2,568,870	2,560,008	8,861	68	-1,315	4,751	8,861	12,900	18,609
3	2,487,622	2,478,991	8,631	67	-1,140	4,682	8,631	12,514	18,008
4	2,525,488	2,516,603	8,885	67	-1,259	4,791	8,885	12,902	18,572
5	2,662,783	2,653,524	9,258	66	-1,680	4,858	9,258	13,557	19,593
6	2,883,380	2,873,759	9,621	65	-2,167	4,895	9,621	14,214	20,623
7	3,295,034	3,284,235	10,799	65	-2,799	5,356	10,799	16,078	23,423
8	3,743,423	3,731,359	12,063	68	-3,183	5,954	12,063	18,000	26,277
9	4,022,478	4,005,283	17,195	71	-127,552	-41,905	17,195	76,120	160,901
10	4,310,581	4,287,668	22,912	75	-193,299	-65,430	22,912	111,084	238,093
11	4,547,179	4,523,107	24,071	78	-205,006	-69,537	24,071	117,506	252,119
12	4,649,510	4,624,797	24,712	82	-213,791	-72,775	24,712	122,055	262,359
13	4,544,983	4,320,353	224,611	85	178,336	205,750	224,611	243,375	270,309
14	4,617,714	4,388,600	229,096	88	182,124	209,941	229,096	248,161	275,536
15	4,614,166	4,234,157	379,989	89	192,678	306,751	379,989	448,665	540,049
16	4,495,793	4,129,789	365,987	89	210,691	304,814	365,987	423,962	502,240
17	4,311,883	3,960,931	350,937	89	213,652	296,615	350,937	402,762	473,355
18	4,000,387	3,669,138	331,234	87	201,294	279,818	331,234	380,297	447,119
19	3,888,892	3,867,797	21,093	85	-184,674	-63,062	21,093	105,191	226,515
20	3,715,319	3,695,588	19,730	83	-170,465	-58,043	19,730	97,432	209,505
21	3,574,201	3,559,221	14,979	79	-113,783	-37,654	14,979	67,540	143,306
22	3,405,200	3,394,636	10,564	76	-1,707	5,597	10,564	15,456	22,394
23	3,146,637	3,136,643	9,994	74	-1,481	5,352	9,994	14,563	21,036
24	2,949,408	2,940,220	9,188	72	-1,361	4,925	9,188	13,380	19,309
	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
	87,596,110	85,462,434	2,133,558	1,838	-49,248	1,251,345	2,133,558	3,001,036	4,228,477

Average Impacts

Number of Accounts Enrolled: 296,274 **(at End of Month in Which Event Occurred)**

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



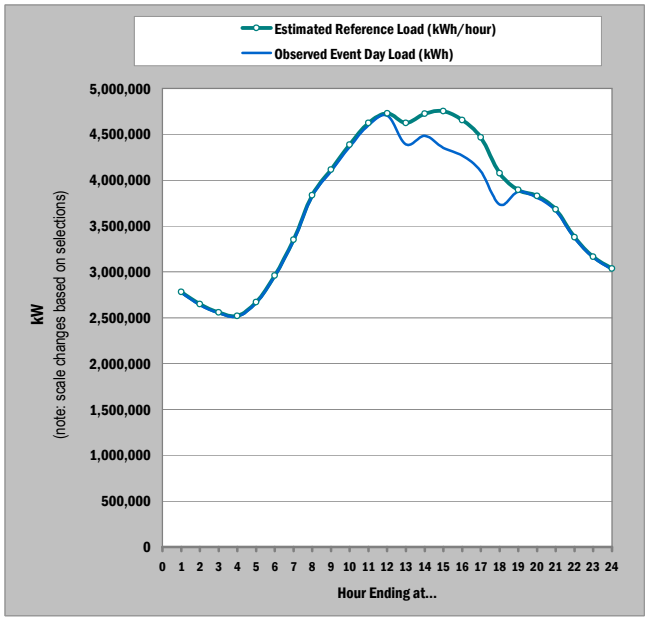
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	9	8	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	68	0	0	0	0	0
9	14	14	0	71	0	0	0	0	1
10	15	14	0	75	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	14	12	1	87	1	1	1	1	2
19	13	13	0	85	-1	0	0	0	1
20	13	12	0	83	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	11	11	0	76	0	0	0	0	0
23	11	11	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	296	288	7	1,838	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 296,565 **(at End of Month in Which Event Occurred)**

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



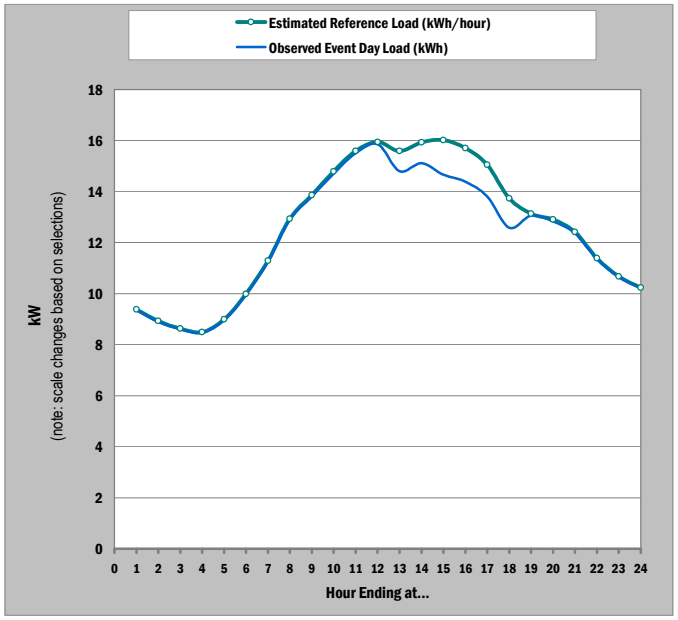
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,781,083	2,773,003	8,080	70	-1,631	4,170	8,080	11,905	17,283
2	2,646,803	2,638,859	7,944	69	-1,562	4,116	7,944	11,687	16,949
3	2,559,036	2,551,383	7,653	67	-1,379	4,015	7,653	11,215	16,225
4	2,519,009	2,511,093	7,916	66	-1,516	4,122	7,916	11,622	16,822
5	2,668,802	2,660,536	8,266	65	-1,997	4,152	8,266	12,264	17,841
6	2,960,450	2,951,345	9,105	65	-2,570	4,438	9,105	13,623	19,893
7	3,348,750	3,338,776	9,973	65	-3,325	4,668	9,973	15,096	22,181
8	3,834,969	3,824,080	10,888	67	-3,716	5,056	10,888	16,528	24,341
9	4,112,220	4,095,303	16,915	70	-132,424	-44,048	16,915	77,684	165,087
10	4,385,332	4,361,571	23,758	74	-203,179	-68,957	23,758	116,286	249,546
11	4,624,222	4,599,310	24,911	78	-214,863	-73,058	24,911	122,689	263,541
12	4,729,026	4,703,263	25,762	82	-225,981	-77,128	25,762	128,489	276,538
13	4,622,838	4,389,510	233,308	85	185,192	213,704	233,308	252,807	280,760
14	4,725,672	4,483,233	242,416	89	192,733	222,162	242,416	262,577	291,490
15	4,751,625	4,350,154	401,453	91	200,380	322,908	401,453	474,982	572,612
16	4,655,829	4,268,596	387,214	92	218,498	320,872	387,214	449,932	534,320
17	4,464,601	4,096,069	368,510	92	218,270	309,219	368,510	424,873	501,262
18	4,074,751	3,731,826	342,910	91	200,857	286,875	342,910	396,128	468,197
19	3,894,354	3,872,855	21,498	89	-190,380	-65,151	21,498	108,082	232,976
20	3,827,556	3,807,286	20,269	86	-177,328	-60,523	20,269	100,981	217,378
21	3,682,541	3,667,897	14,643	81	-117,255	-39,266	14,643	68,467	146,037
22	3,377,186	3,367,580	9,606	78	-2,138	4,864	9,606	14,262	20,838
23	3,165,709	3,156,679	9,030	76	-1,848	4,642	9,030	13,334	19,405
24	3,035,443	3,026,740	8,703	74	-1,756	4,485	8,703	12,837	18,664

	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
	89,447,808	87,226,946	2,220,732	1,861	-68,917	1,296,339	2,220,732	3,128,347	4,410,187

Average Impacts

Number of Accounts Enrolled: 296,565 **(at End of Month in Which Event Occurred)**

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



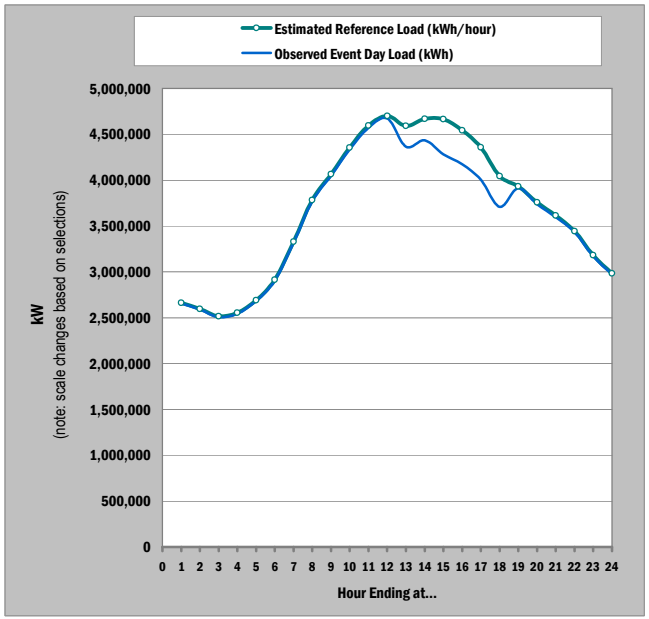
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	69	0	0	0	0	0
3	9	9	0	67	0	0	0	0	0
4	8	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	16	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	13	1	91	1	1	1	1	2
19	13	13	0	89	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	302	294	7	1,861	0	4	7	11	15

Aggregate Impacts

Number of Accounts Enrolled: 299,741 **(at End of Month in Which Event Occurred)**

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



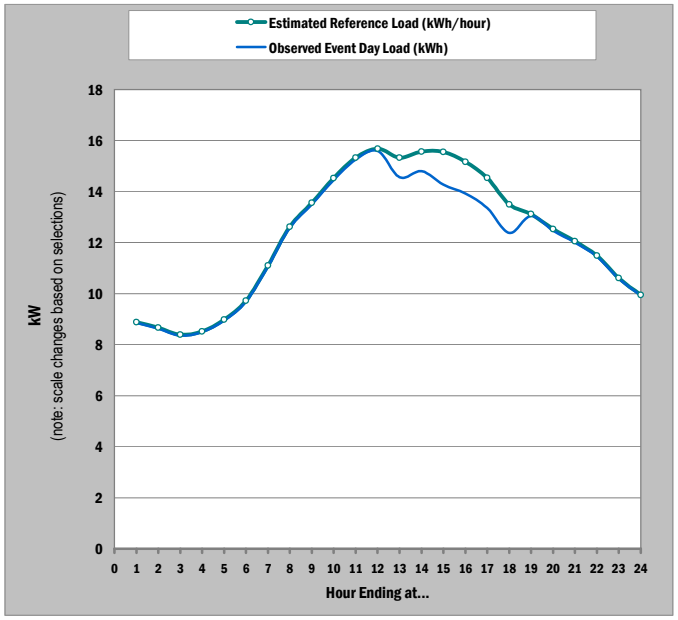
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,663,342	2,654,094	9,248	69	-1,353	4,964	9,248	13,458	19,413
2	2,596,371	2,587,412	8,958	68	-1,305	4,812	8,958	13,032	18,791
3	2,514,434	2,505,708	8,725	67	-1,130	4,742	8,725	12,642	18,184
4	2,552,680	2,543,697	8,982	67	-1,249	4,853	8,982	13,035	18,756
5	2,690,873	2,681,513	9,359	66	-1,670	4,922	9,359	13,696	19,784
6	2,913,582	2,903,852	9,730	65	-2,158	4,964	9,730	14,363	20,828
7	3,328,927	3,318,012	10,915	65	-2,791	5,429	10,915	16,237	23,643
8	3,781,891	3,769,700	12,191	68	-3,174	6,033	12,191	18,175	26,520
9	4,063,660	4,046,294	17,365	71	-128,576	-42,223	17,365	76,778	162,262
10	4,355,110	4,331,979	23,130	75	-194,867	-65,943	23,130	112,031	240,093
11	4,594,393	4,570,091	24,300	78	-206,682	-70,087	24,300	118,515	254,252
12	4,698,382	4,673,432	24,949	82	-215,547	-73,354	24,949	123,107	264,587
13	4,593,036	4,366,509	226,507	85	179,847	207,489	226,507	245,428	272,588
14	4,666,794	4,435,747	231,028	88	183,665	211,713	231,028	250,253	277,858
15	4,663,784	4,279,872	383,892	89	195,261	310,125	383,892	453,081	545,182
16	4,544,599	4,174,779	369,804	89	213,285	308,139	369,804	428,259	507,210
17	4,358,891	4,004,246	354,630	89	216,190	299,843	354,630	406,911	478,144
18	4,044,059	3,709,310	334,734	87	203,694	282,875	334,734	384,230	451,663
19	3,931,907	3,910,606	21,299	85	-186,222	-63,573	21,299	106,115	228,475
20	3,756,563	3,736,637	19,924	83	-171,898	-58,514	19,924	98,291	211,324
21	3,613,675	3,598,543	15,131	79	-114,715	-37,945	15,131	68,135	144,540
22	3,442,910	3,432,231	10,679	76	-1,699	5,669	10,679	15,614	22,613
23	3,181,604	3,171,500	10,103	74	-1,472	5,421	10,103	14,713	21,243
24	2,982,508	2,973,216	9,292	72	-1,351	4,991	9,292	13,522	19,506

	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
	88,533,976	86,378,981	2,154,877	1,838	-45,917	1,265,343	2,154,877	3,029,621	4,267,462

Average Impacts

Number of Accounts Enrolled: 299,741 **(at End of Month in Which Event Occurred)**

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



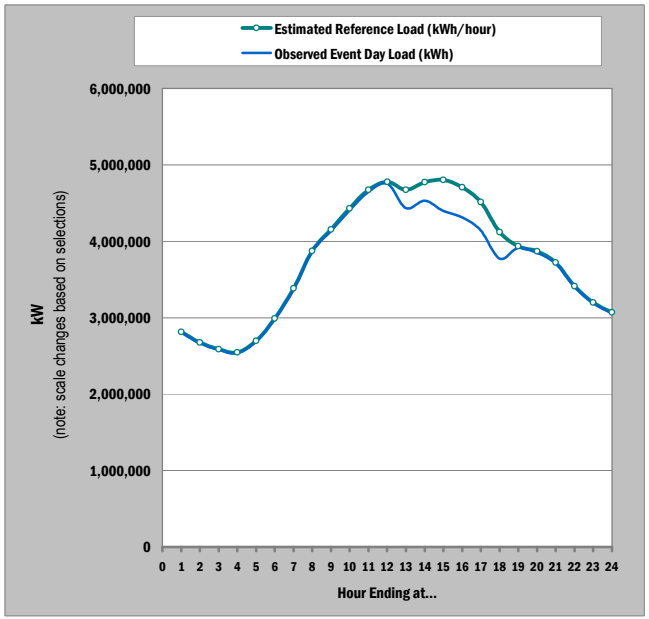
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	9	8	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	68	0	0	0	0	0
9	14	13	0	71	0	0	0	0	1
10	15	14	0	75	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	13	12	1	87	1	1	1	1	2
19	13	13	0	85	-1	0	0	0	1
20	13	12	0	83	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	11	11	0	76	0	0	0	0	0
23	11	11	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	295	288	7	1,838	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 300,030 **(at End of Month in Which Event Occurred)**

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

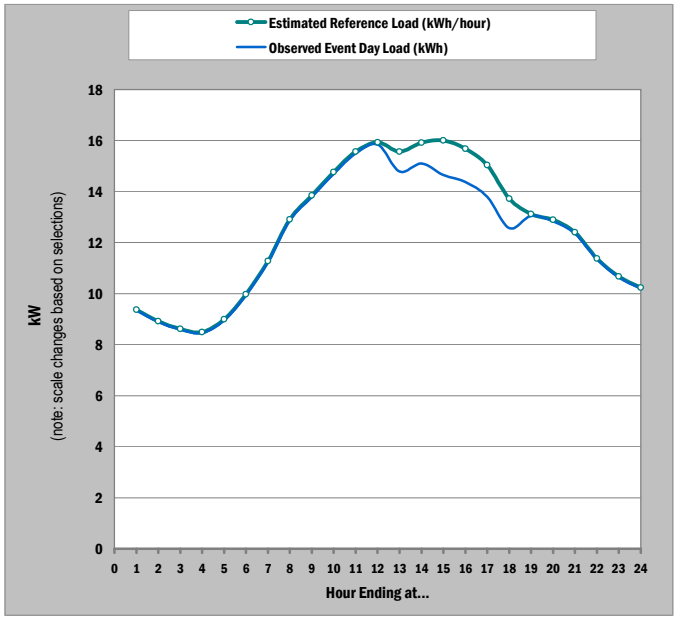


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,811,610	2,803,431	8,179	70	-1,620	4,232	8,179	12,039	17,468
2	2,675,608	2,667,567	8,041	69	-1,552	4,179	8,041	11,819	17,131
3	2,587,075	2,579,327	7,747	67	-1,368	4,075	7,747	11,342	16,400
4	2,546,071	2,538,057	8,014	66	-1,504	4,185	8,014	11,754	17,003
5	2,696,907	2,688,541	8,365	65	-1,986	4,216	8,365	12,400	18,028
6	2,990,893	2,981,679	9,213	65	-2,560	4,507	9,213	13,770	20,096
7	3,382,230	3,372,140	10,090	65	-3,316	4,741	10,090	15,256	22,401
8	3,874,011	3,862,995	11,016	67	-3,708	5,135	11,016	16,702	24,583
9	4,153,706	4,136,616	17,089	70	-133,463	-44,371	17,089	78,352	166,470
10	4,429,532	4,405,548	23,981	74	-204,778	-69,480	23,981	117,254	251,588
11	4,671,365	4,646,217	25,147	78	-216,586	-73,623	25,147	123,725	265,733
12	4,777,731	4,751,723	26,006	82	-227,801	-77,728	26,006	129,578	278,844
13	4,670,969	4,435,688	235,262	85	186,749	215,495	235,262	254,922	283,108
14	4,774,899	4,530,443	244,433	89	194,341	224,012	244,433	264,760	293,913
15	4,801,448	4,395,944	405,486	91	203,042	326,392	405,486	479,548	577,921
16	4,705,119	4,313,940	391,160	92	221,169	324,305	391,160	454,377	539,465
17	4,512,393	4,140,043	372,328	92	220,881	312,551	372,328	429,166	506,222
18	4,118,663	3,772,140	346,508	91	203,308	290,012	346,508	400,177	472,880
19	3,936,590	3,914,879	21,710	89	-191,961	-65,674	21,710	109,026	234,979
20	3,869,367	3,848,897	20,468	86	-178,801	-61,007	20,468	101,864	219,248
21	3,723,364	3,708,563	14,801	81	-118,223	-39,569	14,801	69,085	147,318
22	3,414,138	3,404,414	9,723	78	-2,130	4,937	9,723	14,423	21,062
23	3,200,834	3,191,692	9,141	76	-1,839	4,712	9,141	13,486	19,615
24	3,069,234	3,060,423	8,810	74	-1,746	4,553	8,810	12,983	18,867
	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
	90,393,757	88,150,908	2,242,717	1,861	-65,454	1,310,789	2,242,717	3,157,810	4,450,345

Average Impacts

Number of Accounts Enrolled: 300,030 **(at End of Month in Which Event Occurred)**

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



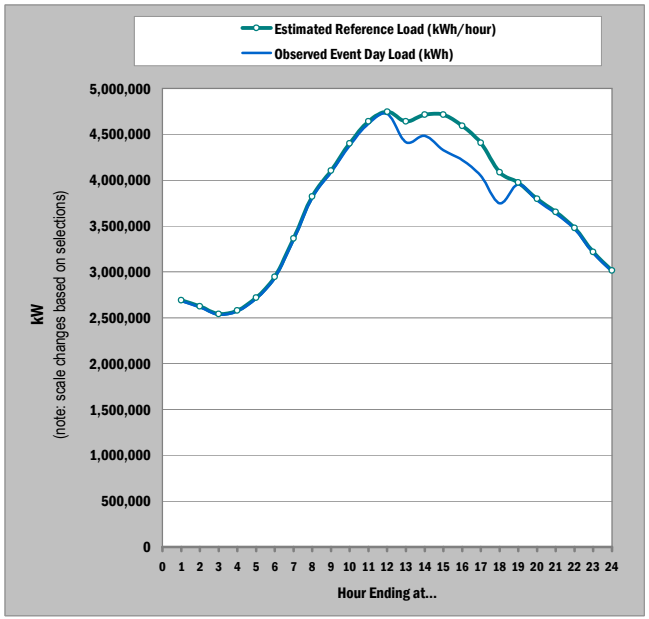
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	69	0	0	0	0	0
3	9	9	0	67	0	0	0	0	0
4	8	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	13	1	91	1	1	1	1	2
19	13	13	0	89	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	301	294	7	1,861	0	4	7	11	15

Aggregate Impacts

Number of Accounts Enrolled: 303,178 **(at End of Month in Which Event Occurred)**

Program:	PDP
Month (for enrollment):	July-19
Weather Year:	1-in-2
Day Type:	July Peak
LCR Area:	All
Industry:	All
Size:	All
Forecast Type:	Portfolio



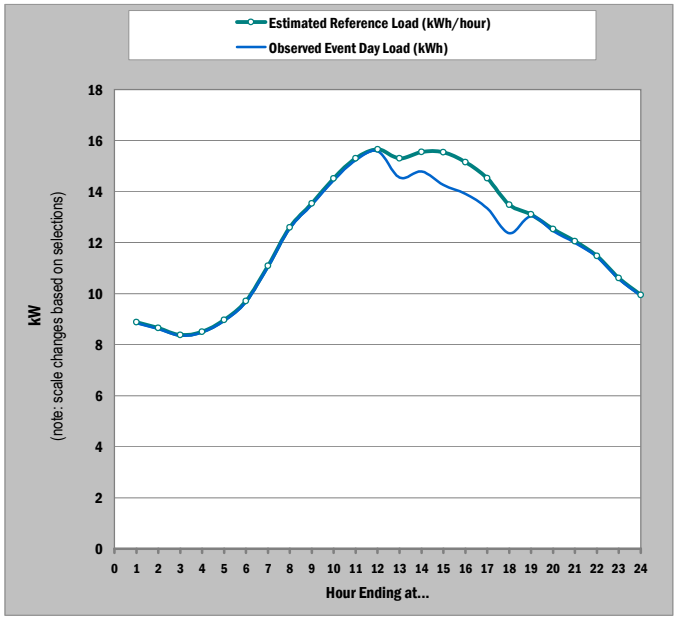
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,691,178	2,681,832	9,346	69	-1,343	5,026	9,346	13,592	19,598
2	2,623,550	2,614,496	9,054	68	-1,295	4,873	9,054	13,162	18,971
3	2,540,936	2,532,117	8,819	67	-1,119	4,802	8,819	12,769	18,359
4	2,579,547	2,570,468	9,079	67	-1,238	4,915	9,079	13,167	18,937
5	2,718,600	2,709,140	9,460	66	-1,660	4,985	9,460	13,832	19,972
6	2,943,360	2,933,523	9,838	65	-2,148	5,032	9,838	14,510	21,031
7	3,362,328	3,351,298	11,030	66	-2,781	5,501	11,030	16,394	23,860
8	3,819,815	3,807,497	12,317	68	-3,165	6,112	12,317	18,348	26,760
9	4,104,271	4,086,736	17,533	71	-129,591	-42,539	17,533	77,430	163,611
10	4,399,039	4,375,693	23,346	75	-196,421	-66,451	23,346	112,970	242,075
11	4,640,985	4,616,456	24,528	78	-208,343	-70,632	24,528	119,514	256,365
12	4,746,647	4,721,462	25,183	82	-217,288	-73,927	25,183	124,149	266,794
13	4,640,555	4,412,147	228,388	85	181,347	209,213	228,388	247,463	274,847
14	4,715,341	4,482,378	232,944	88	185,194	213,471	232,944	252,327	280,159
15	4,712,886	4,325,116	387,750	89	197,853	313,474	387,750	457,435	550,228
16	4,592,924	4,219,327	373,580	89	215,877	311,438	373,580	432,502	512,109
17	4,405,448	4,047,147	358,285	89	218,722	303,045	358,285	411,011	482,870
18	4,087,309	3,749,096	338,199	87	206,088	285,908	338,199	388,118	456,147
19	3,974,486	3,952,981	21,504	85	-187,758	-64,081	21,504	107,032	230,418
20	3,797,369	3,777,251	20,117	83	-173,319	-58,982	20,117	99,143	213,128
21	3,652,726	3,637,443	15,282	79	-115,638	-38,234	15,282	68,725	145,764
22	3,480,209	3,469,416	10,792	76	-1,690	5,740	10,792	15,769	22,830
23	3,216,185	3,205,973	10,211	74	-1,462	5,489	10,211	14,861	21,448
24	3,015,238	3,005,842	9,396	72	-1,341	5,056	9,396	13,663	19,702

	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
	89,460,934	87,284,836	2,175,978	1,839	-42,519	1,279,235	2,175,978	3,057,884	4,305,983

Average Impacts

Number of Accounts Enrolled: 303,178 **(at End of Month in Which Event Occurred)**

Program:	PDP
Month (for enrollment):	July-19
Weather Year:	1-in-2
Day Type:	July Peak
LCR Area:	All
Industry:	All
Size:	All
Forecast Type:	Portfolio



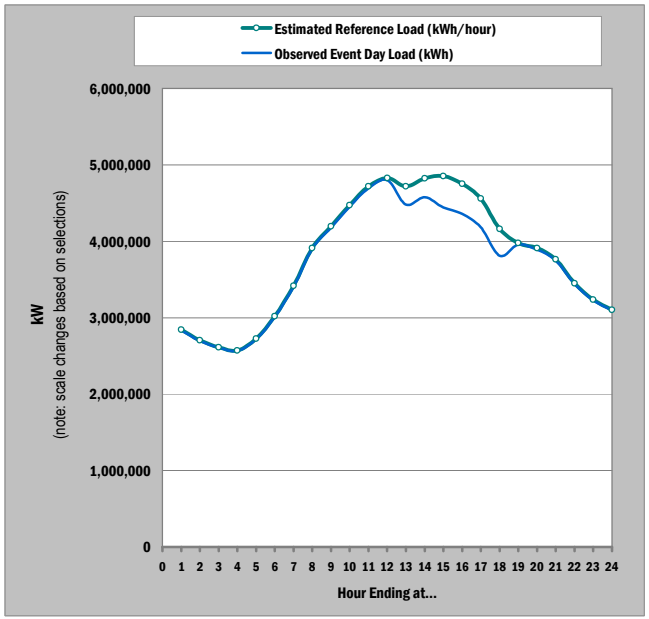
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	9	8	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	66	0	0	0	0	0
8	13	13	0	68	0	0	0	0	0
9	14	13	0	71	0	0	0	0	1
10	15	14	0	75	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	13	12	1	87	1	1	1	1	2
19	13	13	0	85	-1	0	0	0	1
20	13	12	0	83	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	11	11	0	76	0	0	0	0	0
23	11	11	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	295	288	7	1,839	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 303,464 **(at End of Month in Which Event Occurred)**

Program:	PDP
Month (for enrollment):	August-19
Weather Year:	1-in-2
Day Type:	August Peak
LCR Area:	All
Industry:	All
Size:	All
Forecast Type:	Portfolio

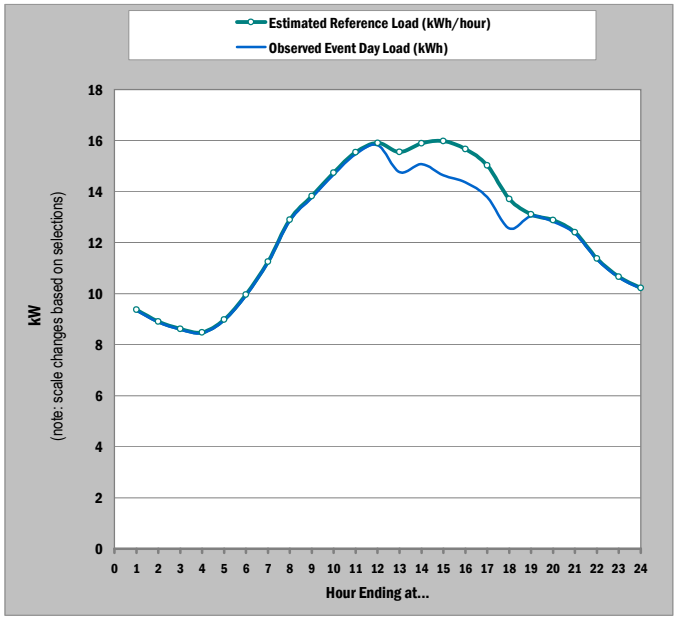


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,841,773	2,833,496	8,276	70	-1,609	4,295	8,276	12,172	17,651
2	2,704,066	2,695,929	8,138	69	-1,540	4,240	8,138	11,950	17,311
3	2,614,781	2,606,940	7,840	67	-1,356	4,135	7,840	11,468	16,574
4	2,572,797	2,564,687	8,110	66	-1,493	4,247	8,110	11,884	17,182
5	2,724,635	2,716,171	8,464	65	-1,975	4,279	8,464	12,534	18,212
6	3,020,901	3,011,581	9,320	65	-2,549	4,575	9,320	13,916	20,297
7	3,415,212	3,405,006	10,205	65	-3,306	4,814	10,205	15,413	22,618
8	3,912,493	3,901,351	11,141	67	-3,698	5,214	11,141	16,874	24,821
9	4,194,607	4,177,345	17,260	70	-134,493	-44,690	17,260	79,015	167,839
10	4,473,122	4,448,919	24,202	74	-206,364	-69,998	24,202	118,212	253,611
11	4,717,868	4,692,487	25,380	78	-218,292	-74,184	25,380	124,751	267,903
12	4,825,816	4,799,566	26,248	82	-229,604	-78,322	26,248	130,655	281,128
13	4,718,544	4,481,326	237,198	85	188,293	217,271	237,198	257,018	285,433
14	4,823,571	4,577,116	246,431	89	195,936	225,845	246,431	266,923	296,313
15	4,850,734	4,441,245	409,471	91	205,713	329,850	409,471	484,046	583,136
16	4,753,902	4,358,821	395,061	92	223,840	327,711	395,061	458,763	544,531
17	4,559,703	4,183,576	376,105	92	223,486	315,856	376,105	433,405	511,112
18	4,162,133	3,812,051	350,067	91	205,754	293,123	350,067	404,176	477,497
19	3,978,380	3,956,460	21,919	90	-193,529	-66,191	21,919	109,963	236,964
20	3,910,719	3,890,051	20,666	86	-180,261	-61,488	20,666	102,740	221,103
21	3,763,730	3,748,773	14,956	81	-119,183	-39,869	14,956	69,697	148,588
22	3,450,665	3,440,825	9,840	78	-2,120	5,010	9,840	14,583	21,284
23	3,235,554	3,226,303	9,251	76	-1,828	4,781	9,251	13,636	19,823
24	3,102,634	3,093,718	8,916	74	-1,736	4,620	8,916	13,128	19,068
	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
	91,328,341	89,063,742	2,264,467	1,861	-61,916	1,325,124	2,264,467	3,186,922	4,489,999

Average Impacts

Number of Accounts Enrolled: 303,464 **(at End of Month in Which Event Occurred)**

Program:	PDP
Month (for enrollment):	August-19
Weather Year:	1-in-2
Day Type:	August Peak
LCR Area:	All
Industry:	All
Size:	All
Forecast Type:	Portfolio



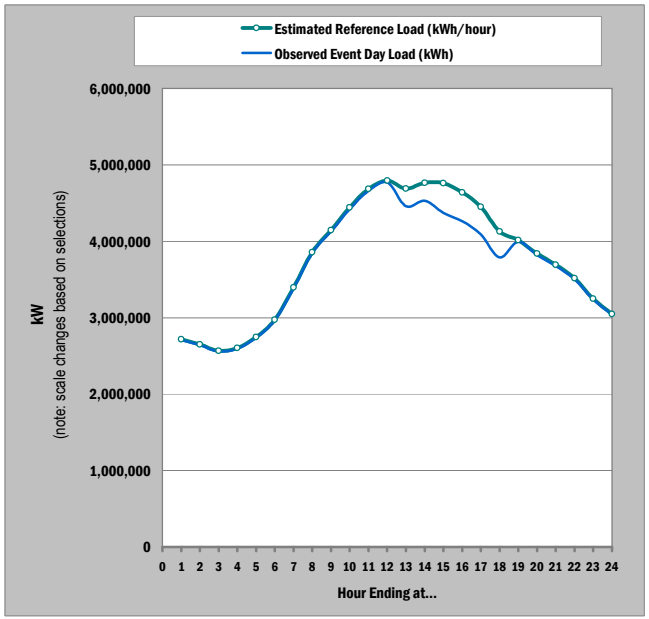
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	70	0	0	0	0	0
2	9	9	0	69	0	0	0	0	0
3	9	9	0	67	0	0	0	0	0
4	8	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	13	1	91	1	1	1	1	2
19	13	13	0	90	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	301	293	7	1,861	0	4	7	11	15

Aggregate Impacts

Number of Accounts Enrolled: 306,579 **(at End of Month in Which Event Occurred)**

Program:	PDP
Month (for enrollment):	July-20
Weather Year:	1-in-2
Day Type:	July Peak
LCR Area:	All
Industry:	All
Size:	All
Forecast Type:	Portfolio



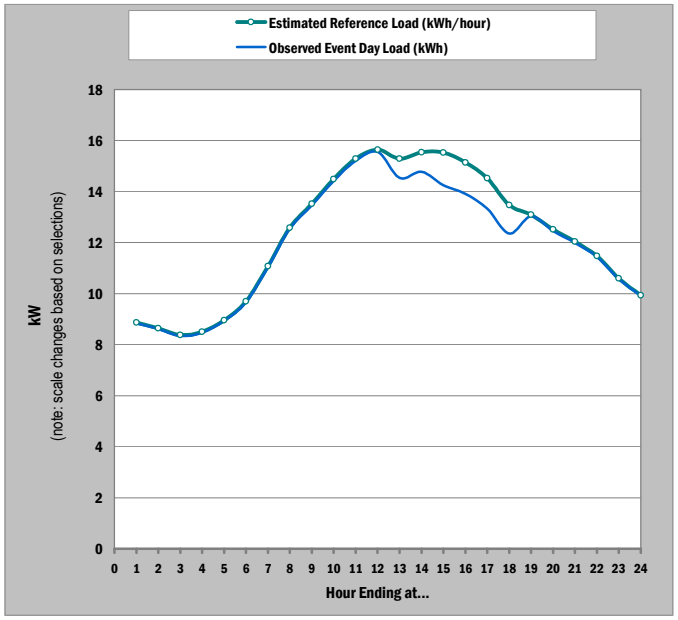
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,718,662	2,709,219	9,443	69	-1,333	5,088	9,443	13,724	19,780
2	2,650,384	2,641,236	9,148	68	-1,285	4,933	9,148	13,291	19,149
3	2,567,107	2,558,196	8,911	67	-1,109	4,861	8,911	12,894	18,531
4	2,606,068	2,596,893	9,175	67	-1,227	4,976	9,175	13,297	19,117
5	2,745,947	2,736,387	9,559	66	-1,649	5,049	9,559	13,967	20,158
6	2,972,704	2,962,760	9,944	65	-2,137	5,100	9,944	14,655	21,231
7	3,395,228	3,384,084	11,143	66	-2,770	5,573	11,143	16,549	24,074
8	3,857,180	3,844,738	12,441	68	-3,154	6,190	12,441	18,518	26,996
9	4,144,294	4,126,593	17,700	71	-130,595	-42,851	17,700	78,074	164,945
10	4,442,347	4,418,787	23,559	75	-197,958	-66,954	23,559	113,898	244,035
11	4,686,927	4,662,173	24,752	78	-209,987	-71,172	24,752	120,503	258,455
12	4,794,269	4,768,853	25,415	82	-219,010	-74,494	25,415	125,179	268,977
13	4,687,491	4,457,222	230,249	85	182,831	210,921	230,249	249,477	277,083
14	4,763,305	4,528,444	234,841	88	186,708	215,211	234,841	254,380	282,437
15	4,761,415	4,369,834	391,560	89	200,444	316,794	391,560	461,724	555,190
16	4,640,704	4,263,375	377,312	89	218,460	314,707	377,312	436,688	516,935
17	4,451,491	4,089,575	361,900	89	221,242	306,218	361,900	415,059	487,532
18	4,130,081	3,788,442	341,624	87	208,471	288,912	341,624	391,956	460,569
19	4,016,577	3,994,869	21,706	85	-189,278	-64,583	21,706	107,939	232,342
20	3,837,693	3,817,384	20,307	83	-174,725	-59,445	20,307	99,986	214,914
21	3,691,310	3,675,878	15,431	79	-116,553	-38,520	15,431	69,309	146,974
22	3,517,058	3,506,154	10,904	76	-1,680	5,810	10,904	15,923	23,043
23	3,250,343	3,240,024	10,318	74	-1,452	5,557	10,318	15,007	21,651
24	3,047,563	3,038,065	9,498	72	-1,331	5,121	9,498	13,803	19,894

	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
	90,376,146	88,179,186	2,196,839	1,839	-39,076	1,293,000	2,196,839	3,085,800	4,344,011

Average Impacts

Number of Accounts Enrolled: 306,579 **(at End of Month in Which Event Occurred)**

Program:	PDP
Month (for enrollment):	July-20
Weather Year:	1-in-2
Day Type:	July Peak
LCR Area:	All
Industry:	All
Size:	All
Forecast Type:	Portfolio



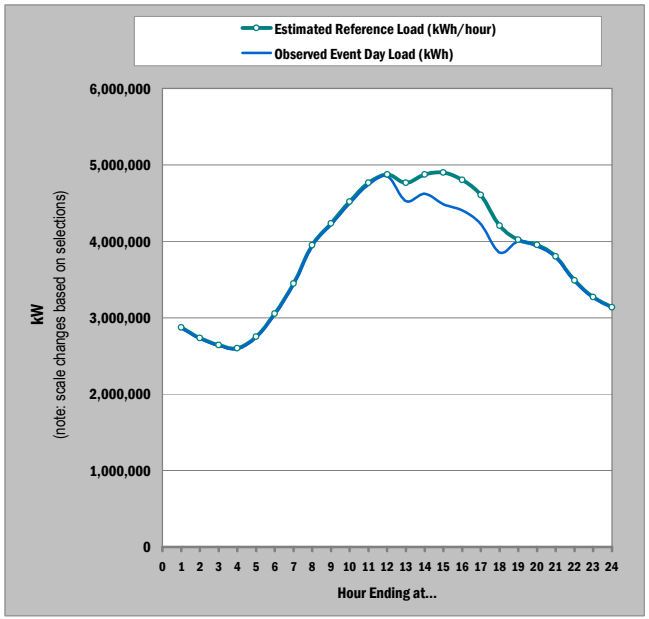
Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	9	9	0	69	0	0	0	0	0
2	9	9	0	68	0	0	0	0	0
3	8	8	0	67	0	0	0	0	0
4	9	8	0	67	0	0	0	0	0
5	9	9	0	66	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	66	0	0	0	0	0
8	13	13	0	68	0	0	0	0	0
9	14	13	0	71	0	0	0	0	1
10	14	14	0	75	-1	0	0	0	1
11	15	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	15	15	1	85	1	1	1	1	1
14	16	15	1	88	1	1	1	1	1
15	16	14	1	89	1	1	1	2	2
16	15	14	1	89	1	1	1	1	2
17	15	13	1	89	1	1	1	1	2
18	13	12	1	87	1	1	1	1	2
19	13	13	0	85	-1	0	0	0	1
20	13	12	0	83	-1	0	0	0	1
21	12	12	0	79	0	0	0	0	0
22	11	11	0	76	0	0	0	0	0
23	11	11	0	74	0	0	0	0	0
24	10	10	0	72	0	0	0	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	295	288	7	1,839	0	4	7	10	14

Aggregate Impacts

Number of Accounts Enrolled: 306,862 **(at End of Month in Which Event Occurred)**

Program:	PDP
Month (for enrollment):	August-20
Weather Year:	1-in-2
Day Type:	August Peak
LCR Area:	All
Industry:	All
Size:	All
Forecast Type:	Portfolio

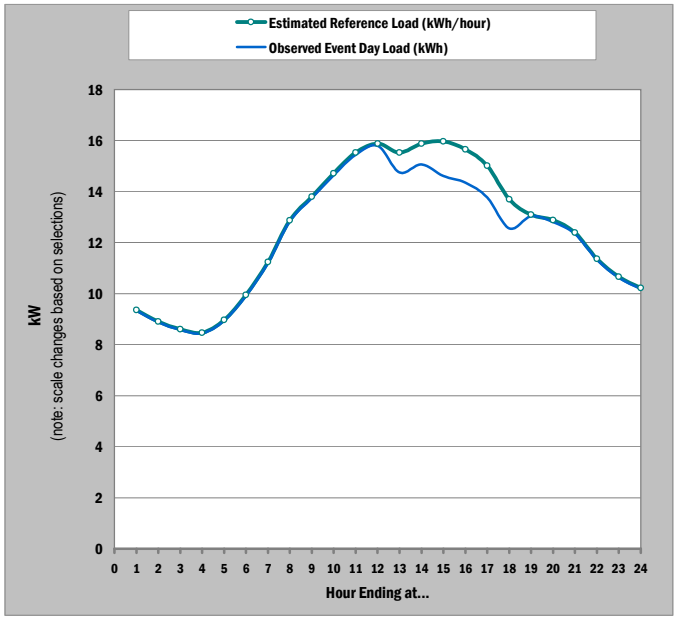


Hour Ending	Estimated Reference Load (kWh/hour)	Observed Event Day Load (kWh/hour)	Estimated Load Impact (kWh/hour)	Weighted Average Temperature (°F)	Uncertainty Adjusted Impact (kWh/hr)- Percentiles				
					10th%ile	30th%ile	50th%ile	70th%ile	90th%ile
1	2,871,555	2,863,182	8,373	70	-1,598	4,357	8,373	12,303	17,831
2	2,732,163	2,723,930	8,233	69	-1,529	4,301	8,233	12,079	17,489
3	2,642,140	2,634,207	7,932	67	-1,344	4,195	7,932	11,593	16,744
4	2,599,175	2,590,970	8,205	66	-1,480	4,308	8,205	12,013	17,359
5	2,751,981	2,743,419	8,561	65	-1,963	4,341	8,561	12,665	18,393
6	3,050,475	3,041,049	9,426	65	-2,537	4,642	9,426	14,059	20,494
7	3,447,697	3,437,378	10,319	65	-3,294	4,886	10,319	15,567	22,831
8	3,950,414	3,939,148	11,265	67	-3,687	5,292	11,265	17,044	25,055
9	4,234,919	4,217,488	17,430	70	-135,512	-45,007	17,430	79,669	169,194
10	4,516,098	4,491,676	24,420	74	-207,932	-70,510	24,420	119,160	255,613
11	4,763,722	4,738,110	25,611	78	-219,981	-74,738	25,611	125,766	270,050
12	4,873,261	4,846,772	26,487	82	-231,388	-78,911	26,487	131,722	283,388
13	4,765,532	4,526,398	239,114	85	189,821	219,029	239,114	259,092	287,735
14	4,871,654	4,623,221	248,409	89	197,515	227,660	248,409	269,064	298,689
15	4,899,441	4,486,017	413,406	91	208,386	333,277	413,406	488,477	588,262
16	4,802,132	4,403,196	398,916	92	226,503	331,086	398,916	463,089	549,520
17	4,606,486	4,226,626	379,838	92	226,081	319,130	379,838	437,589	515,933
18	4,205,120	3,851,519	353,586	91	208,191	296,205	353,586	408,123	482,047
19	4,019,689	3,997,561	22,126	90	-195,081	-66,704	22,126	110,890	238,930
20	3,951,581	3,930,717	20,862	86	-181,707	-61,964	20,862	103,607	222,938
21	3,803,610	3,788,499	15,110	81	-120,133	-40,166	15,110	70,302	149,844
22	3,486,745	3,476,790	9,955	78	-2,111	5,082	9,955	14,740	21,503
23	3,269,847	3,260,486	9,360	76	-1,818	4,849	9,360	13,785	20,028
24	3,135,622	3,126,600	9,021	74	-1,725	4,686	9,021	13,271	19,265
	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
	92,251,058	89,964,959	2,285,966	1,862	-58,325	1,339,328	2,285,966	3,215,670	4,529,136

Average Impacts

Number of Accounts Enrolled: 306,862 **(at End of Month in Which Event Occurred)**

Program:	PDP
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	9	9	0	70	0	0	0	0	0
2	9	9	0	69	0	0	0	0	0
3	9	9	0	67	0	0	0	0	0
4	8	8	0	66	0	0	0	0	0
5	9	9	0	65	0	0	0	0	0
6	10	10	0	65	0	0	0	0	0
7	11	11	0	65	0	0	0	0	0
8	13	13	0	67	0	0	0	0	0
9	14	14	0	70	0	0	0	0	1
10	15	15	0	74	-1	0	0	0	1
11	16	15	0	78	-1	0	0	0	1
12	16	16	0	82	-1	0	0	0	1
13	16	15	1	85	1	1	1	1	1
14	16	15	1	89	1	1	1	1	1
15	16	15	1	91	1	1	1	2	2
16	16	14	1	92	1	1	1	2	2
17	15	14	1	92	1	1	1	1	2
18	14	13	1	91	1	1	1	1	2
19	13	13	0	90	-1	0	0	0	1
20	13	13	0	86	-1	0	0	0	1
21	12	12	0	81	0	0	0	0	0
22	11	11	0	78	0	0	0	0	0
23	11	11	0	76	0	0	0	0	0
24	10	10	0	74	0	0	0	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	301	293	7	1,862	0	4	7	10	15