

June 26, 2023

Edward Randolph
Director of the Energy Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: R.13-09-011 and A.17-01-012, et al
Report of Southern California Edison Company (U 338-E)
on Interruptible Load Programs and Demand Response Programs

Dear Mr. Randolph:

Southern California Edison Company (“SCE”) submits a confidential and public version of its Report on Interruptible Load Programs and Demand Response Programs pursuant to Ordering Paragraph No. 39 of Decision 09-08-027.¹ SCE’s report, presented in Appendix A, follows the reporting requirements and uses the approved template from Energy Division. The confidential version of the Report is being provided to Energy Division Central Files with an accompanying Declaration. The public version of the report is posted on a publicly available website:

- Go to www.sce.com/regulatory/CPUC-Open-Proceedings
- Click “View and Search all CPUC Documents”
- Click “Proceeding #” column header
- Click “Filter By”, type “R.13-09-011” into the Search box, and “Apply”
- Locate and select the “R1309011-SCE Monthly ILP and DR Report 202305” links to access associated documents.²

Very truly yours,

/s/ James Whooley

James Whooley

cc: ALJ Kelly Hymes
ALJ Nilgun Atamturk
Aloke Gupta
All Parties of Record in A.17-01-012 et al, and R.13-09-011 - *via email*

Enclosure(s)

¹ Ordering Paragraph No. 39 requires PG&E and the other utilities to “use a consistent monthly report format approved by Energy Division staff, and provide these monthly reports to the Director of the Commission’s Energy Division, with service on the most recent service list in this proceeding.”

² If you have trouble accessing the document using this process, use the following link: [R.13-09-011 SCE Monthly ILP and DR Reports](#). If you still cannot access the documents with this link, please contact Legal.Admin@sce.com.

Appendix A

Public

SCE WG2 Monthly Enhanced Report For May 2023

Table I-1
SCE Supply-Side Demand & Load-Modifying Response Programs
Subscription Statistic - Program Estimated Ex Ante and Ex Post MWs
2023

Southern California Edison
Monthly Program Enrollment and Estimated Load Impacts

	January			February			March			April			May			June			Estimated Eligible Accounts as of Jan 1, 2023
	Ex Ante Estimated		Ex Post Estimated	Ex Ante		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	
	Service Accounts	MW	MW	Service Accounts	Estimated MW	MW	Service Accounts	MW	MW	Service Accounts	MW	MW	Service Accounts	MW	MW	Service Accounts	MW	MW	
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)	917	6.9	27.4	929	12.5	27.7	931	14.4	27.8	931	26.9	20.8	932	29.3	20.8				12,892
Base Interruptible Program (BIP) 15 Minute Option	44	156.3	138.0	44	166.6	138.0	44	156.5	138.0	44	164.7	180.4	44	184.3	180.4				7,759
Base Interruptible Program (BIP) 30 Minute Option	289	311.2	182.8	287	330.2	181.5	289	308.2	182.8	296	314.5	284.6	301	337.7	289.4				7,759
Capacity Bidding Program (CBP) Day Ahead																			5,094,696
Capacity Bidding Program (CBP) Day Of																			5,094,696
Smart Energy Program (SEP)	64,344	0.0	46.7	65,092	0.0	47.3	67,150	0.9	48.8	66,598	20.5	57.6	67,727	15.0	58.6				2,097,875
Summer Discount Plan Program (SDP) - Commercial	7,010	11.3	14.0	6,996	12.7	14.0	6,976	12.8	13.9	6,958	12.8	14.9	6,925	12.7	14.8				294,947
Summer Discount Plan Program (SDP) - Residential	163,380	0.0	124.0	163,903	0.0	124.4	162,690	0.2	123.5	159,611	26.9	135.3	159,160	11.2	134.9				2,145,914
Sub-Total																0	0.0	0.0	
Load Modifying Demand Response Programs																			
Critical Peak Pricing (CPP)	239,406	11.2	15.4	237,810	11.6	15.3	234,447	12.2	15.0	232,700	8.3	9.7	230,994	9.0	9.7				3,480,329
Optional Binding Mandatory Curtailment (OBMC)																			N/A
Real Time Pricing (RTP)	95	0.0	0.0	96	0.0	0.0	94	-0.2	0.0	94	9.4	25.1	93	0.9	-21.0				427,800
Scheduled Load Reduction Program (SLRP)	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0				15,800
Sub-Total																0	0.0	0.0	
Total All Programs																0	0.0	0.0	

	July			August			September			October			November			December			Estimated Eligible Accounts as of Jan 1, 2023
	Ex Ante Estimated		Ex Post Estimated	Ex Ante		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	Ex Ante Estimated		Ex Post Estimated	
	Service Accounts	MW	MW	Service Accounts	Estimated MW	MW	Service Accounts	MW	MW	Service Accounts	MW	MW	Service Accounts	MW	MW	Service Accounts	MW	MW	
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)																			12,892
Base Interruptible Program (BIP) 15 Minute Option																			7,759
Base Interruptible Program (BIP) 30 Minute Option																			7,759
Capacity Bidding Program (CBP) Day Ahead																			5,094,696
Capacity Bidding Program (CBP) Day Of																			5,094,696
Smart Energy Program (SEP)																			2,097,875
Summer Discount Plan Program (SDP) - Commercial																			294,947
Summer Discount Plan Program (SDP) - Residential																			2,145,914
Sub-Total	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	
Load Modifying Demand Response Programs																			
Critical Peak Pricing (CPP)																			3,480,329
Optional Binding Mandatory Curtailment (OBMC)																			N/A
Real Time Pricing (RTP)																			427,800
Scheduled Load Reduction Program (SLRP)																			15,800
Sub-Total	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	
Total All Programs	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	

- Notes:**
- Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the ex post or ex ante columns. Ex post estimates reflects historic event(s) that have taken place during specific time periods and actual weather conditions by a mix of customers that participated on event day(s). Ex ante forecasts account for variables not included in the ex post estimate such as normalized weather conditions, expected customer mix during events, expected time of day which events occur, expected days of the week which events occur, and other lesser effects etc. An ex ante forecast reflects forecast impact estimates that would occur between 4 pm and 9pm (Except for April 5p-10p window) during a specific DR program's operating season, based on CAISO 1-in-2 weather conditions. The ex ante and ex post load impacts presented in this report are based on the IOUs' annual April 1st Compliance Filings pursuant to Decision D.08-04-050. SCE provides reports to various other agencies (CAISO, FERC, NERC, etc.) which may differ from the load impact estimates in this report but are still based on the April 1st Compliance Filing. The differences are attributed to the use of average values over specific load impact hours and other factors.
 - Ex Ante Estimated MW = The monthly ex ante average load impact per customer; (reported in the annual April 1 DR Load Impact Studies filed in compliance with D. 08-04-050 , Ordering Paragraph 4), multiplied by the number of currently enrolled service accounts for the reporting month. The ex ante average load impact is the average hourly load impact for an event that would occur from 4-9pm (Except for April 5p-10p window) on the system peak day of the month. Monthly ex ante estimates are indicated only for programs which can be called for events that reporting month. For programs that are not available that month or do not have a positive load impact, a value of zero is reported. SDP Residential is available year-round, however, due to no events being called during certain months in previous years, no ex ante data is available.
 - Ex Post Estimated MW = The monthly ex post average load impact per customer; (reported in the annual April 1 DR Load Impact Studies filed in compliance with D. 08-04-050 , Ordering Paragraph 4), multiplied by the number of currently enrolled service accounts for the reporting month. The annual ex post average load impact is the average hourly load impact per customer for those customers that may have participated in an event(s) between 4-9pm (Except for April 5p-10p window) on event days in the preceding year when or if events occurred. Ex Post OBMC Load Impacts are based on program year 2008.
 - CBP service accounts reflect monthly nomination counts, not total program enrollment.

Table I-1A
Average Load Impact kW / Service Accounts
2023

Southern California Edison
Program Eligibility and Average Load Impacts

	Average Ex Post Load Impact kW / Service Accounts												Estimated Eligible Accounts as of Jan 1, 2023	
	January	February	March	April	May	June	July	August	September	October	November	December		
Supply-Side Demand Response Programs														
Agricultural & Pumping Interruptible (API)	29.8	29.8	29.8	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	12,892	All customers > 37kW or connected load of 50 horsepower or greater on a TOU Ag & Pump rate excluding DRAM, CBP, CPP, LCR, and customers on any Third Party DR Program
Base Interruptible Program (BIP) 15 Minute Option	3,135.4	3,135.4	3,135.4	4,099.1	4,099.1	4,099.1	4,099.1	4,099.1	4,099.1	4,099.1	4,099.1	4,099.1	7,759	All C & I customers > 200kW, excluding those on SDP, CPP, CBP, LCR, and any Third Party DR Program
Base Interruptible Program (BIP) 30 Minute Option	632.4	632.4	632.4	961.3	961.3	961.3	961.3	961.3	961.3	961.3	961.3	961.3	7,759	All C & I customers > 200kW, excluding those on SDP, CPP, CBP, LCR, and any Third Party DR Program
Capacity Bidding Program (CBP) Day Ahead	37.4	37.4	37.4	0.0	5.6	5.6	5.6	5.6	5.6	5.6	0.0	0.0	5,094,696	All customers (Residential and Commercial) with an IDR or Smart Connect Meter (excluding customers on any Third Party DR Program, and non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	6.4	6.4	6.4	5.0	13.1	13.1	13.1	13.1	13.1	13.1	2.5	2.5	5,094,696	All customers (Residential and Commercial) with an IDR or Smart Connect Meter (excluding customers on any Third Party DR Program, and non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Smart Energy Program (SEP)	0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	2,097,875	All residential customers with Smart Meters excluding those on the following programs or rates: DM, DMS-1, DMS-2, DMS-3, SDP, DRAM, DRC, Registered with 3rd Party DRP, CPP, CBP, and Medical Baseline
Summer Discount Plan Program (SDP) - Commercial	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	294,947	All commercial customers with central air conditioning, excluding those on CBP, CPP, BIP, or any third party programs (AC penetration = 0.77)
Summer Discount Plan Program (SDP) - Residential	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2,145,914	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, Medical Baseline with A/C, CPP, SEP, or any third party programs (AC penetration = 0.5)
Load Modifying Demand Response Programs														
Critical Peak Pricing - Small 0 to 20 kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,430,981	All bundled service customers with an IDR or Smart Connect Meter excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-S, SLRP, TOU-GS-1 (Option B, C, D), TOU-EV, and customers under any streetlight, area Lighting, and traffic control. Not eligible to dually enroll in any other demand response program, except the Emergency Load Reduction Program.
Critical Peak Pricing - Med 20 to 199.99 kW	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44,046	All bundled service customers with an IDR or Smart Connect Meter excluding those on rates DMS-2, DMS-3, S, SLRP, TOU-EV, TOU-GS-2 (Option A, E, R), TOU-PA-2 (Option E, E5 to 8), customers under any streetlight, area Lighting, and traffic control. Not eligible to dually enroll in any other demand response program, except the Emergency Load Reduction Program.
Critical Peak Pricing - Large 20 kW and Above	5.7	5.7	5.7	4.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	5,302	All bundled service customers with an IDR or Smart Connect Meter excluding those on rates DMS-3, S, SLRP, TOU-EV, TOU-GS-3 (Option E, R), TOU-8 (Option A, E, R), TOU-PA-3 (Option A, E, E5 to 8), customers under any streetlight, area Lighting, and traffic control. Not eligible to dually enroll in any other demand response program, except the Emergency Load Reduction Program.
Optional Binding Mandatory Curtailment (OBMC)	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	N/A	All non-residential customers who can reduce circuit load by 15%.
Real Time Pricing (RTP)	0.2	0.2	0.3	267.5	-225.7	-52.4	169.7	-147.0	159.6	124.0	138.0	-73.0	427,800	All non-residential bundled service > 500kW, excluding customers on CPP, SLRP, and CBP Day-Ahead.
Scheduled Load Reduction Program (SLRP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15,800	All non-residential bundled service customers with an IDR Meter > 100kW, excluding customers on RTP, CPP, CBP Day-Ahead, or any Third Party DR Program.

Notes:

(1) Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over actual event hours during the 4-9pm window (except for April 5p-10p window) for the preceding year if events occurred omitting 0 and negative load values if program was available, but not dispatched. Some programs may experience no events or few events while other programs may operate regularly depending on event triggers. For existing programs, the Average Ex Post Load Impact per customer service account remains constant across all months with the exception of RTP. Ex Post for OBMC Load Impacts are based on reports filed in 2008 and all remaining ex post values are from the DR Load Impact Studies annual compliance filing on April 1, 2022 (PY2021) for Jan-Mar, April 1, 2023 (PY2022) for Apr-Dec.

(2) CBP Day Ahead Ex-Post value is the Day-Ahead 1-6 Hour Load Impact value.

	Average Ex Ante Load Impact kW / Service Accounts												Estimated Eligible Accounts as of Jan 1, 2023	
	January	February	March	April	May	June	July	August	September	October	November	December		
Supply-Side Demand Response Programs														
Agricultural & Pumping Interruptible (API)	7.6	13.4	15.4	28.8	31.4	36.1	37.5	33.6	24.9	19.9	12.9	7.6	12,892	All customers > 37kW or connected load of 50 horsepower or greater on a TOU Ag & Pump rate excluding DRAM, CBP, CPP, LCR, and customers on any Third Party DR Program
Base Interruptible Program (BIP) 15 Minute Option	3,551.9	3,786.3	3,556.6	3,744.3	4,189.4	4,445.4	4,291.5	4,154.8	4,050.8	4,303.2	4,256.1	3,757.7	7,759	All C & I customers > 200kW, excluding those on SDP, CPP, CBP, LCR, and any Third Party DR Program
Base Interruptible Program (BIP) 30 Minute Option	1,076.9	1,150.4	1,066.4	1,062.3	1,121.9	1,028.6	1,050.5	1,106.9	1,081.1	1,098.4	1,131.1	971.1	7,759	All C & I customers > 200kW, excluding those on SDP, CPP, CBP, LCR, and any Third Party DR Program
Capacity Bidding Program (CBP) Day Ahead	0.0	0.0	0.0	1.5	6.7	6.2	5.7	5.7	5.7	5.7	1.7	1.7	5,094,696	All customers (Residential and Commercial) with an IDR or Smart Connect Meter (excluding customers on any Third Party DR Program, and non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	0.0	0.0	0.0	1.4	6.7	6.5	6.5	6.6	6.6	6.6	1.6	1.6	5,094,696	All customers (Residential and Commercial) with an IDR or Smart Connect Meter (excluding customers on any Third Party DR Program, and non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Smart Energy Program (SEP)	0.0	0.0	0.0	0.3	0.2	0.4	0.4	0.5	0.5	0.4	0.2	0.0	2,097,875	All residential customers with Smart Meters excluding those on the following programs or rates: DM, DMS-1, DMS-2, DMS-3, SDP, DRAM, DRC, Registered with 3rd Party DRP, CPP, CBP, and Medical Baseline
Summer Discount Plan Program (SDP) - Commercial	1.6	1.8	1.8	1.8	1.8	2.1	2.0	2.3	2.4	2.3	1.9	0.8	294,947	All commercial customers with central air conditioning, excluding those on CBP, CPP, BIP, or any third party programs (AC penetration = 0.77)
Summer Discount Plan Program (SDP) - Residential	0.0	0.0	0.0	0.2	0.1	0.9	0.9	0.9	1.0	0.3	0.1	0.0	2,145,914	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, Medical Baseline with A/C, CPP, SEP, or any third party programs (AC penetration = 0.5)
Load Modifying Demand Response Programs														
Critical Peak Pricing - Small 0 to 20 kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,430,981	All bundled service customers with an IDR or Smart Connect Meter excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-S, SLRP, TOU-GS-1 (Option B, C, D), TOU-EV, and customers under any streetlight, area Lighting, and traffic control. Not eligible to dually enroll in any other demand response program, except the Emergency Load Reduction Program.
Critical Peak Pricing - Med 20 to 199.99 kW	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	44,046	All bundled service customers with an IDR or Smart Connect Meter excluding those on rates DMS-2, DMS-3, S, SLRP, TOU-EV, TOU-GS-2 (Option A, E, R), TOU-PA-2 (Option E, E5 to 8), customers under any streetlight, area Lighting, and traffic control. Not eligible to dually enroll in any other demand response program, except the Emergency Load Reduction Program.
Critical Peak Pricing - Large 20 kW and Above	4.3	4.6	5.0	3.8	3.7	5.0	4.9	4.2	3.4	3.8	3.6	3.2	5,302	All bundled service customers with an IDR or Smart Connect Meter excluding those on rates DMS-3, S, SLRP, TOU-EV, TOU-GS-3 (Option E, R), TOU-8 (Option A, E, R), TOU-PA-3 (Option A, E, E5 to 8), customers under any streetlight, area Lighting, and traffic control. Not eligible to dually enroll in any other demand response program, except the Emergency Load Reduction Program.
Optional Binding Mandatory Curtailment (OBMC)	1,596.9	1,599.4	1,601.1	1,555.4	1,609.8	1,524.3	1,510.6	1,532.1	1,469.2	1,450.6	1,498.3	1,348.1	N/A	All non-residential customers who can reduce circuit load by 15%.
Real Time Pricing (RTP)	0.0	0.5	-2.1	99.9	9.3	160.8	158.7	163.2	158.4	98.1	8.4	9.3	427,800	All non-residential bundled service > 500kW, excluding customers on CPP, SLRP, and CBP Day-Ahead.
Scheduled Load Reduction Program (SLRP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15,800	All non-residential bundled service customers with an IDR Meter > 100kW, excluding customers on RTP, CPP, CBP Day-Ahead, or any Third Party DR Program.

Notes:

(3) Average Ex Ante Load Impact kW/Customer = Average kW / Customer, Program Level Impact, under CAISO 1-in-2 weather conditions, of an event that would occur from 4-9pm, (except for April 5p-10p window) on the system peak day of the month, as reported in the DR load impact studies annual compliance filing on April 1, 2022 (PY2021) for Jan-Mar, April 1, 2023 (PY2022) for Apr-Dec, except where noted. For programs that are not active outside of the summer season a zero load impact value is reported. For programs available outside of the summer season, estimated Average Ex Ante Load Impacts for November through March are used depending on available data and reflect a typical event that would occur from 4-9pm under the same conditions. Ex Ante load for OBMC load impacts are based on reports filed in 2008.

(4) The accounts eligible to participate in OBMC are not available because the number of customers who can reduce 15% of their entire circuit load during every rotating outage cannot be reasonably estimated.

Tablel-1B
SCE Auto DR Program Subscription Statistics
2023

Southern California Edison
Detailed Breakdown of MW To Date in Auto DR Programs

	January	February	March	April	May	June	July	August	September	October	November	December
	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW
Supply-Side Demand Response Programs												
Capacity Bidding Program (CBP)	0.0	0.0	0.0	0.0	0.0							
Sub-Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load Modifying Demand Response Programs												
Critical Peak Pricing (CPP)	0.0	0.0	0.0	0.0	0.0							
Real Time Pricing (RTP)	0.0	0.0	0.0	0.0	0.0							
Sub-Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule												
Demand Response Auction Mechanism (DRAM)	0.0	0.0	0.0	0.0	0.0							
Sub-Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
General Program												
MW Funded by Auto DR but not enrolled in qualifying DR Program	0.0	0.0	0.0	0.0	0.0							
Sub-Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

- (1)) Activity Reflects projects installed in 2023 and still active (no closed accounts)
- (2) MWs reported on this page are not excluded from and are not directly related to the MWs on the Program Ex Ante & Ex Post tab.
- (3) Auto DR Verified MW - Represents verified/tested MW for service accounts that participate in Auto DR
- (4) Total Technology MW - Represents the sum of verified MW associated with the service accounts in the Auto DR programs
- (5) General Program Category - Represents MW of participants who have received Auto DR incentives but are not currently enrolled in a qualifying Demand Response Program

Tablel-1B
SCE Auto DR Program Subscription Statistics
2023

Southern California Edison
Detailed Breakdown of MW To Date in Auto DR Programs

	January	February	March	April	May	June	July	August	September	October	November	December
	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW	Auto DR Verified MW
Supply-Side Demand Response Programs												
Capacity Bidding Program (CBP)	4.2	4.1	3.3	3.0	3.0							
Sub-Total	4.2	4.1	3.3	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load Modifying Demand Response Programs												
Critical Peak Pricing (CPP)	4.1	3.9	3.0	3.0	2.9							
Real Time Pricing (RTP)	7.7	8.2	8.2	8.2	7.7							
Sub-Total	11.8	12.1	11.3	11.2	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 24												
Demand Response Auction Mechanism (DRAM)	7.3	7.5	7.6	6.8	7.0							
Sub-Total	7.3	7.5	7.6	6.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
General Program												
MW Funded by Auto DR but not enrolled in qualifying DR Program	4.8	4.8	6.3	6.6	5.8							
Sub-Total	4.8	4.8	6.3	6.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	28.1	28.4	28.4	27.6	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

- (1) Activity Reflects projects installed 2009-2022 and still active (no closed accounts)
- (2) MWs reported on this page are not excluded from and are not directly related to the MWs on the Program Ex Ante & Ex Post tab.
- (3) Auto DR Verified MW - Represents verified/tested MW for service accounts that participate in Auto DR
- (4) Total Technology MW - Represents the sum of verified MW associated with the service accounts in the Auto DR programs
- (5) General Program Category - Represents MW of participants who have received Auto DR incentives but are not currently enrolled in a qualifying Demand Response Program

**Table I-2
SCE Demand Response Programs and Activities
Expenditures and Funding
Year-to-Date Program Expenditures**

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2021 Total Expenditures	2022 Total Expenditures	2023 Expenditures												Year-to-Date 2023 Expenditures	Program-to-Date Total Expenditures	Cycle Funding	Fundshift Adjustments	Percent Funding			
			January	February	March	April	May	June	July	August	September	October	November	December								
Category 1: Supply-Side Demand Response Programs																						
Agricultural & Pumping Interruptible (API)			\$4,096	\$18,530	\$6,044	\$22,610	\$55,249										\$106,529	\$106,529				
Agricultural & Pumping Interruptible (API) Incentives			\$137,552	\$88,360	\$100,419	\$101,892	\$180,414										\$608,637	\$608,637				
Base Interruptible Program (BIP)			\$11,701	\$23,519	\$24,155	\$34,798	\$155,958										\$250,130	\$250,130				
Base Interruptible Program (BIP) Incentives			\$2,816,969	\$2,410,114	\$3,167,065	\$3,027,624	\$2,964,118										\$14,385,890	\$14,385,890				
Capacity Bidding Program (CBP)			\$651	\$4,140	\$4,840	\$7,492	\$61,387										\$78,509	\$78,509				
Capacity Bidding Program (CBP) Incentives			\$0	\$0	\$0	\$0	\$0										\$0	\$0				
Smart Energy Program (SEP)			\$10,794	\$84,403	\$66,296	\$23,045	\$191,014										\$375,542	\$375,542				
Smart Energy Program Incentives			\$128	\$211	\$281	\$551	\$142										\$211	\$211				
Summer Discount Plan Program (SDP)			\$46,103	\$117,255	\$209,639	\$192,949	\$376,157										\$942,104	\$942,104				
Summer Discount Plan Program (SDP) Incentives			\$40,428	\$27,932	\$187,308	\$192,711	\$4,768										\$78,531	\$78,531				
Category 1 Total	\$0	\$0	\$3,068,411	\$2,774,463	\$3,391,430	\$3,602,570	\$3,989,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,826,083	\$16,826,083	\$130,084,858			12.93%	
Category 2: Load Modifying Demand Response Programs																						
Optional Binding Mandatory Curtailment (OBMC)			\$0	\$0	\$0	\$0	\$0	\$0									\$0	\$0				
Scheduled Load Reduction Program (SLRP)			\$0	\$0	\$0	\$0	\$0	\$0									\$0	\$0				
Category 2 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$86,693			0.00%
Category 3: Demand Response Auction Mechanism (DRAM and Direct Participation Electric Rule 24)																						
Demand Response Auction Mechanism (DRAM)			\$0	\$0	\$0	\$427	\$5,690										\$6,117	\$6,117	\$6,000,000			0.10%
DR Rule 24			\$29,123	\$13,454	\$21,813	\$35,458	\$65,416										\$165,263	\$165,263	\$455,334			36.29%
Category 3 Total	\$0	\$0	\$29,123	\$13,454	\$21,813	\$35,885	\$71,106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,380	\$171,380	\$6,455,334			2.65%	
Category 4: Emerging and Enabling Technology Programs																						
Emerging Markets and Technology		\$1,615,369	\$30,372	\$313,988	\$468,446	\$78,856	\$427,892										\$1,319,556	\$2,934,925	\$7,000,000			41.93%
Smart Communicating Thermostat Program (SCT)			\$0	\$0	\$0	\$0	\$0										\$0	\$0	\$19,800,000			0.00%
Technology Incentive Program (AutoDR-TI)			\$7,375	\$8,724	\$145,757	\$107,970	\$216,907										\$486,733	\$486,733	\$8,000,000			21.39%
Category 4 Total	\$0	\$1,615,369	\$37,747	\$322,712	\$614,204	\$186,826	\$644,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,806,289	\$3,421,658	\$37,809,111			9.05%	
Category 5: Pilots																						
Emergency Load Reduction Program (ELRP)	\$293,811	\$6,963,738	\$61,900	\$1,774,178	\$206,583	\$812,064	\$689,827										\$3,544,552	\$10,802,100	\$37,400,000			28.88%
Emergency Load Reduction Program (ELRP) Incentives	\$0	\$112,151,507	-\$192,008	\$998	\$412,466	-\$2,408,247	\$192,417										(\$1,994,374)	\$110,157,132	\$187,000,000			58.91%
IDSM Non Residential	\$3,154,818	\$560,968	\$35,813	\$30,287	\$42,773	\$31,871	\$31,786										\$172,531	\$3,888,317	\$71,321,000			5.45%
IDSM Residential	\$691,689	\$1,044,271	\$6,989	\$81,140	\$174,908	\$52,493	\$9,391										(\$24,895)	\$1,711,066	\$8,000,000			21.39%
Category 5 Total	\$4,140,318	\$120,720,483	-\$87,306	\$1,886,604	\$486,914	-\$1,511,819	\$923,422	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,697,814	\$126,558,615	\$303,972,477			41.63%	
Category 6: Marketing, Education, and Outreach (ME&O)																						
Other Local Marketing		\$978,586	(\$174,941)	(\$44,436)	\$580,281	\$477,762	\$287,359										\$1,126,024	\$2,104,611	\$2,250,000			93.54%
Flex Alert	\$4,321,809	\$9,508,232	\$282,431	-\$91,547	\$510,178	\$692,598	\$826,649										\$2,220,310	\$16,050,351	\$25,200,000			63.69%
Category 6 Total	\$4,321,809	\$10,486,818	\$107,490	-\$135,983	\$1,090,459	\$1,170,360	\$1,114,008	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,346,334	\$18,154,962	\$29,978,090			60.56%	
Category 7: Portfolio Support (Includes EM&V, System Support, and Notifications)																						
DR Potential Study			\$0	\$0	\$0	\$0	\$0										\$0	\$0				
DR Systems & Technology Support			\$48,696	\$122,913	\$184,393	\$248,861	\$423,387										\$1,028,249	\$1,028,249				
Evaluation, Measurement & Verification (EM&V)			\$123	\$5,030	\$296	\$8,111	\$62,971										\$76,531	\$76,531				
Category 7 Total	\$0	\$0	\$48,819	\$127,943	\$184,689	\$256,972	\$486,357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,104,781	\$1,104,781	\$6,211,933			17.78%	
Total Incremental Cost	\$8,462,127	\$132,822,671	\$3,204,284	\$4,989,193	\$5,789,509	\$3,740,795	\$7,228,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,952,680	\$166,237,478	\$514,598,497			32.30%	

Auto-DR Technology Incentives (AutoDR TI) Commitments Outstanding as of 5/31/2023	
2023 Customized	\$ 50,490
2023 Express	\$ -
Total	\$50,490

- Notes:**
- Amounts reflected in totals may be corrected in subsequent periods and/or may reflect corrections from previous periods.
 - Funding for DR programs and activities are approved in: D.18-05-041, D.21-12-015, D.23-01-006, D.22-12-009 and are recorded in SCE's Demand Response Program Balancing Account (DRPBA), Emergency Load Reduction Program Balancing Account (ELRPBA), Base Revenue Requirement Balancing Account (BRBBA), and Statewide Marketing, Education & Outreach Balancing Account (SME&OBA) as applicable.
 - Incentives are reported separately from admin for programs in Category 1 and Emergency Load Reduction Program (ELRP). BIP incentives include BIP Aggregation incentives and Excess Energy Charges. This is consistent with table I-3.
 - DRAM expenditures represent Resource Adequacy (RA) payments to demand response providers (DRP) based on the Demonstrated Capacity for each applicable Showing (Delivery) Month, in the month that the payments were paid. Payments are calculated as the product of the Contract Price of the RA Product and Demonstrated Capacity (kW) as defined in the DRAM Purchase Agreement, Section 1.6.
 - Emerging Markets and Technology (EM&T) includes funding and spend for Dynamic Rate Pilot approved in D.21-12-015. EM&T budget also includes \$4.5M fundshift from ADR as reported in December 2022 ILP Report.
 - Historical ELRP Incentive amounts include charges to be recovered in Summer Reliability Demand Response Program Memorandum Account (SRDRPMA) as authorized in D.21-03-056 and D.21-03-056.
 - Bridge Funding budgets approved in D.22-12-009 were authorized at the Category level, therefore, budgets are not allocated to individual program line items.
 - IDSM historical spend for period 2018-2021 was reported in 2021 for simplicity purposes.
 - Unless otherwise notes, historical spend amounts were only included for budgets that have active funding in 2023 or beyond.

Table I-2A
SCE Demand Response Programs and Activities
Carry-Over Expenditures and Funding
2023

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2023 Expenditures												Year-to-Date 2023 Expenditures
	January	February	March	April	May	June	July	August	September	October	November	December	
Category 1: Supply-Side Demand Response Programs													
Agricultural & Pumping Interruptible (API)	\$12,621	\$11,446	\$15,180	\$9,197	(\$39,637)								\$8,807
Base Interruptible Program (BIP)	(\$147,405)	\$11,188	\$16,861	\$9,654	(\$37,806)								(\$147,507)
Base Interruptible Program (BIP) Incentives	\$159,120	\$150,844	\$0	\$0	\$0	\$166,407							\$476,372
Capacity Bidding Program (CBP)	\$12,319	\$10,570	\$8,477	\$5,072	(\$15,338)								\$21,100
Capacity Bidding Program (CBP) Incentives	\$176,994	(\$58,680)	(\$146,696)	\$562	(\$34,515)								(\$62,334)
Smart Energy Program (SEP)	\$45,203	\$21,286	\$26,831	\$18,616	(\$55,107)								\$56,829
Summer Discount Plan Program (SDP)	\$54,325	\$51,209	\$56,804	\$59,161	(\$15,611)								\$205,888
Summer Discount Plan Program (SDP) Incentives	\$352,750	\$0	\$0	\$0	\$0	\$0							\$352,750
Category 1 Total	\$665,928	\$197,863	(\$22,543)	\$102,263	(\$31,606)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$911,904
Category 2: Load Modifying Demand Response Programs													
Rotating Outages (RO)	(\$2)	\$0	\$0	\$0	\$0	\$0							(\$2)
Category 2 Total	(\$2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2)
Category 3: Demand Response Auction Mechanism (DRAM and Direct Participation Electric Rule 24)													
Demand Response Auction Mechanism (DRAM)	\$52,871	(\$1,294,915)	\$192,584	\$1,032,098	(\$699,799)								(\$717,161)
DR Rule 24	\$2,455	\$8,096	\$8,544	(\$329)	(\$19,357)								(\$591)
Category 3 Total	\$55,327	(\$1,286,819)	\$201,128	\$1,031,769	(\$719,156)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$717,751)
Category 4: Emerging and Enabling Technology Programs													
Emerging Markets and Technology	\$33,083	(\$21,936)	\$96,831	\$8,447	(\$72,222)								\$44,202
Technology Incentive Program (AutoDR-TI)	\$187,839	\$142,381	\$49,272	(\$4,706)	(\$45,792)								\$328,994
Category 4 Total	\$220,922	\$120,444	\$146,103	\$3,741	(\$118,014)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$373,196
Category 5: Pilots													
Constrained Local Capacity Planning Areas & Disadvantaged Communities Pilot	(\$1,626)	\$250	\$0	\$1,590	\$1,547								\$1,762
Virtual Power Plant (VPP) Pilot	\$13,648	\$13,537	\$18,634	\$12,277	(\$50,778)								\$7,320
Workforce Education & Training Smart Students (Smartstudents)	(\$3)	\$0	\$0	\$0	\$0								(\$3)
Category 5 Total	\$12,020	\$13,787	\$18,634	\$13,868	(\$49,231)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,079
Category 6: Marketing, Education, and Outreach (ME&O)													
Other Local Marketing	\$27,418	(\$22,914)	\$5,530	\$347,178	(\$430)								\$356,783
Critical Peak Pricing (CPP)	\$0	\$85	(\$201,040)	\$143,993	\$35,563								(\$21,399)
Category 6 Total	\$27,418	(\$22,828)	(\$195,510)	\$491,171	\$35,133	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$335,384
Category 7: Portfolio Support (Includes EM&V, System Support, and Notifications)													
DR Potential Study	\$0	\$0	\$92,615	\$0	\$21,508								\$114,123
DR Systems & Technology Support	\$164,282	\$514,723	\$552,652	\$454,117	(\$91,788)								\$1,593,985
Evaluation, Measurement & Verification (EM&V)	\$101,008	\$79,209	\$51,232	\$93,517	(\$36,816)								\$288,150
Category 7 Total	\$265,290	\$593,932	\$696,498	\$547,634	(\$107,096)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,996,258
Total Incremental Cost	\$1,246,901	(\$383,620)	\$844,310	\$2,190,446	(\$989,969)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,908,068

Auto-DR Technology Incentives (AutoDR TI) Commitments Outstanding as of 5/31/2023	
2018-2022 Customized	\$ 1,546,436
2018-2022 Express	\$ 649,650
Total	\$2,196,086

Notes:

- (1) Carryover program costs, for funding cycles prior to 2023, are reported here and are recorded in SCE's Demand Response Program Balancing Account (DRPBA) and Base Revenue Requirement Balancing Account (BRRBA), unless otherwise noted. SCE seeks Commission authorization to carryover program costs in its ERRRA proceeding.
- (2) Amounts reflected in totals may be corrected in subsequent periods and/or may reflect corrections from previous periods.
- (3) Expenditures include incentives
- (4) SDP incentive expenditures include \$50 bonus payments offered to new SDP Residential participants in 2022 as approved by D.21-03-056.

**Table I-3
SCE Demand Response Programs
Customer Program Incentives
2023**

Southern California Edison
Annual Total Cost

Cost Item	2023 Total Incentives	Total Embedded Cost and Revenues ⁽¹⁾⁽²⁾												Year-to-Date Total	Program-to-Date Incentives 2021-2023	
		January	February	March	April	May	June	July	August	September	October	November	December			
Program Incentives																
Agricultural & Pumping Interruptible (API)		\$137,552	\$88,360	\$100,419	\$101,892	\$180,414									\$608,637	\$608,637
Base Interruptible Program (BIP)		\$2,976,090	\$2,560,958	\$3,167,065	\$3,027,624	\$3,130,525									\$14,862,261	\$14,862,261
Capacity Bidding Program (CBP)		\$176,994	(\$58,680)	(\$146,696)	\$562	(\$32,471)									(\$60,291)	(\$60,291)
Emergency Load Reduction Program (ELRP)	\$112,151,507	(\$192,008)	\$998	\$412,466	(\$2,408,247)	\$192,417									(\$1,994,374)	\$110,157,132
Smart Energy Program (SEP)		\$128	\$211	\$281	(\$551)	\$142									\$211	\$211
Summer Discount Plan Program (SDP) - Commercial		\$39,140	\$26,630	(\$187,254)	\$195,530	(\$570)									\$73,475	\$73,475
Summer Discount Plan Program (SDP) - Residential		\$354,039	\$1,303	(\$54)	(\$2,819)	\$5,338									\$357,806	\$357,806
Total Cost Of Incentives	\$112,151,507	\$3,491,934	\$2,619,780	\$3,346,226	\$913,991	\$3,475,794	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,847,724	\$125,999,231
Revenues from Excess Energy Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

- (1) Amounts reported are for incentives costs that are recovered in the Demand Response Program Balancing Account (DRPBA), Emergency Load Reduction Program Balancing Account (ELRPBA) and/or Summer Reliability Demand Response Program Memorandum Account (SRDRPMA).
- (2) Incentives are reported in month of settlement or accrual and not necessarily based on the month in which they were earned.
- (3) Incentives are reported separately from admin for programs in Category 1 and Emergency Load Reduction Program (ELRP). BIP incentives include BIP Aggregation and represent the net of Excess Energy Charges and incentives paid. Revenues from Excess Energy Charges, assessed for BIP participants, are for failure to reduce load when requested during curtailment events.
- (4) CBP represents net of aggregator payment and penalties.
- (5) BIP incentives include BIP Aggregation and represent the net of Excess Energy Charges and incentives paid. Revenues from Excess Energy Charges, assessed for BIP participants, are for failure to reduce load when requested during curtailment events.
- (6) SDP-R incentive expenditures include \$50 bonus payments offered to new participants in 2022 as approved by D.21-03-056.
- (7) Unless otherwise notes, historical spend amounts were only included for budgets that have active funding in 2023 or beyond.

**Table I-4
SCE Demand Response Programs and Activities Fund Shifting
2023**

Southern California Edison

Fund Shifting Documentation Per Decision 12-04-045 Ordering Paragraphs 4 and 6.

- OP 4:** The Utilities may not shift funds between categories with two exceptions as stated in OP 4 and 5;
 The Utilities may shift up to 50% of a program's funds to another program within the same budget category, with proper monthly reporting;
 The Utilities shall not shift funds within the "Pilots" or "Special Projects" budget categories without a Tier 2 Advice Letter;
 The Utilities may shift funds for pilots in the Enabling or Emerging Technologies category;
 The Utilities shall continue to submit a Tier 2 Advice Letter to eliminate a Demand Response program;
 The Utilities shall not eliminate a program through multiple fund shifting events or for any other reason without prior authorization from the Commission;
 The Utilities shall submit a Tier 2 Advice Letter before shifting more than 50% of a program's budget to a different program within the same budget category;
 - OP 6:** The Utilities may shift funds in category 4 (Enabling & Emerging Technologies) into the Permanent Load Shifting program with a Tier 2 Advice Letter.
- D.20-05-009**
- OP 3:** Reaffirmed findings in D.09-08-027 as well as D.12-04-045
 - OP 6:** The Utilities may submit a request via a Tier 3 advice letter to shift funds between budget categories during this demand response budget cycle.

Program Category	Fund Shift	Programs Impacted	Date	Rationale for Fundshift
Total	\$0			

Notes:

Table I-5
SCE Demand Response Programs and Activities
2023 Customer Communications, Marketing and Outreach

Southern California Edison
Year-to-Date Marketing Expenditures

	2023 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to-Date 2023 Expenditures
	January	February	March	April	May	June	July	August	September	October	November	December	
I. Flex Alert													
IOU Administrative Costs	\$5,993	\$1,652	\$5,390	\$5,560	\$1,090,635								\$1,109,230
Statewide ME&O Contract	\$276,438	(\$93,199)	\$504,789	\$687,038	(\$263,986)								\$1,111,079
I. Total Statewide Marketing	\$282,431	(\$91,547)	\$510,178	\$692,598	\$826,649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,220,310
II. Utility Marketing By Activity ⁽¹⁾													
Total Authorized Marketing Budget													
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED													
Category 4: Emerging and Enabling Technology Programs													
Emerging Markets and Technology	\$0	(\$748)	\$0	\$0	\$0.00								(\$748)
Category 5: Pilots													
Emergency Load Reduction Program (ELRP)	\$125,771	(\$19,412)	\$146,050	\$322,767	\$589,903								\$1,165,079
IDSM Non Residential	\$2,571	\$2,704	\$3,637	\$1,429	\$2,074								\$12,414
IDSM Residential	\$802	\$923	\$1,310	\$964	\$1,153								\$5,153
Category 6: Marketing, Education, and Outreach (ME&O) ⁽²⁾													
Critical Peak Pricing (CPP)	\$0	\$85	(\$201,040)	\$143,993	\$35,563.16								(\$21,399)
SUBTOTAL	\$129,143.83	-\$16,446.38	-\$50,042.89	\$469,152.60	\$628,692.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,160,500
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING													
Agricultural & Pumping Interruptible (API)													
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	\$0	\$0	\$20,028	\$2,732	(\$5,628)								\$17,133
Labor	\$0	\$0	\$0	\$0	\$0								\$0
Paid Media	\$0	\$0	\$0	\$0	\$0								\$0
Other Costs	\$0	\$0	\$0	\$6	\$66								\$73
Base Interruptible Program (BIP)													
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	\$0	\$0	\$2,028	\$2,580	\$11,952								\$16,561
Labor	\$0	\$0	\$0	\$0	\$0								\$0
Paid Media	\$0	\$0	\$0	\$0	\$0								\$0
Other Costs	\$0	\$0	\$0	\$6	\$64								\$71
Smart Energy Program (SEP)													
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	(\$177,980)	(\$53,192)	\$50,532	\$23,847	\$100,044								(\$56,749)
Labor	\$3,440	(\$7,424)	\$3,248	\$0	\$0								(\$736)
Paid Media	\$0	\$5,357	\$500,490	\$0	\$0								\$505,847
Other Costs	\$266	\$433	\$2,677	\$58	\$539								\$3,974
Summer Discount Plan Program (SDP)													
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	\$22,000	(\$17,581)	\$1,521	\$790,390	\$176,806								\$973,136
Labor	\$4,746	\$5,029	\$5,164	\$3,059	\$2,240								\$20,238
Paid Media	\$0	\$0	\$0	\$0	\$0								\$0
Other Costs	\$5	\$29	\$122	\$2,261	\$845								\$3,261
II. TOTAL UTILITY MARKETING BY ACTIVITY	(\$18,380)	(\$83,796)	\$535,768	\$1,294,093	\$915,622	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,643,307
III. UTILITY MARKETING BY ITEMIZED COST													
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	(\$155,980)	(\$70,774)	\$74,110	\$819,550	\$283,175								\$950,080
Labor	\$8,186	(\$2,395)	\$8,412	\$3,059	\$2,240								\$19,502
Paid Media	\$0	\$5,357	\$500,490	\$0	\$0								\$505,847
Other Costs	\$271	\$462	\$2,799	\$2,332	\$1,514								\$7,378
<i>Total from Program, Rates & Activities that do not require itemized accounting</i>	\$129,144	(\$16,446)	(\$50,043)	\$469,153	\$628,693								\$1,160,500
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	(\$18,380)	(\$83,796)	\$535,768	\$1,294,093	\$915,622	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,643,307
IV. UTILITY MARKETING BY CUSTOMER SEGMENT ⁽³⁾													
Agricultural / Pumping	\$26	\$27	\$20,065	\$2,753	(\$5,541)								\$17,329
Large Commercial and Industrial	\$2,057	\$809	\$5,110	\$33,523	\$56,747								\$98,245
Small and Medium Commercial	\$126,259	(\$11,804)	(\$92,615)	\$323,525	\$386,343								\$731,708
Residential	(\$146,721)	(\$72,828)	\$603,208	\$934,292	\$478,073								\$1,796,025
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	(\$18,380)	(\$83,796)	\$535,768	\$1,294,093	\$915,622	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,643,307

Notes:

(1) Utility Marketing includes all activities to market individual utility programs or rates, demand response concepts, and customer tools whether or not the marketing budget was approved as a line item in the Decision. The programs and activities listed in item II of the template are meant as examples, and may not be exhaustive. The totals for Items II, III and IV should be equal.

(2) Other Local Marketing (OLM) spend is part of Itemized Accounting in section: II

(3) Cost split by customer segment is estimated.

(4) Spend includes Carryover and excludes GRC funded programs/activities

**Table I-5
SCE Demand Response Programs and Activities
2023 Customer Communications, Marketing and Outreach**

Southern California Edison
Year-to-Date Marketing Expenditures

	2018-2022 Funding Cycle Customer Communication, Marketing, and Outreach				Year-to-Date 2023 Expenditures
	Q1	Q2	Q3	Q4	
I. Statewide Marketing					
IOU Administrative Costs	\$13,035				\$13,035
Statewide ME&O Contract	\$688,027				\$688,027
II. Total Statewide Marketing	\$701,062	\$0	\$0	\$0	\$701,062
II. Utility Marketing By Activity ⁽¹⁾					
Total Authorized Marketing Budget					
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED					
<i>Category 4: Emerging and Enabling Technology Programs</i>					
Emerging Markets and Technology					(\$748)
<i>Category 5: Pilots</i>					
Emergency Load Reduction Program (ELRP)	\$252,409				\$252,409
IDSM Non Residential	\$8,912				\$8,912
IDSM Residential	\$3,036				\$3,036
<i>Category 6: Marketing, Education, and Outreach (ME&O) ⁽²⁾</i>					
Critical Peak Pricing (CPP)	(\$200,955)				(\$200,955)
SUBTOTAL	\$62,655	\$0	\$0	\$0	\$62,655
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING					
Agricultural & Pumping Interruptible (API)					
Customer Research	\$0				\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	\$20,028				\$20,028
Labor	\$0				\$0
Paid Media	\$0				\$0
Other Costs	\$0				\$0
Base Interruptible Program (BIP)					
Customer Research	\$0				\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	\$2,028				\$2,028
Labor	\$0				\$0
Paid Media	\$0				\$0
Other Costs	\$0				\$0
Smart Energy Program (SEP)					
Customer Research	\$0				\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	(\$180,640)				(\$180,640)
Labor	(\$736)				(\$736)
Paid Media	\$505,847				\$505,847
Other Costs	\$3,376				\$3,376
Summer Discount Plan Program (SDP)					
Customer Research	\$0				\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	\$5,940				\$5,940
Labor	\$14,938				\$14,938
Paid Media	\$0				\$0
Other Costs	\$156				\$156
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$433,592	\$0	\$0	\$0	\$433,592
III. UTILITY MARKETING BY ITEMIZED COST					
Customer Research	\$0				\$0
Collateral-Development, Printing, Distribution, etc... (all non-labor costs)	(\$152,644)				(\$152,644)
Labor	\$14,203				\$14,203
Paid Media	\$505,847				\$505,847
Other Costs	\$3,532				\$3,532
<i>Total from Program, Rates & Activities that do not require itemized accounting</i>	\$62,655				\$62,655
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$433,592	\$0	\$0	\$0	\$433,592
IV. UTILITY MARKETING BY CUSTOMER SEGMENT ⁽³⁾					
Agricultural / Pumping	\$20,118				\$20,118
Large Commercial and Industrial	\$7,975				\$7,975
Small and Medium Commercial	\$21,840				\$21,840
Residential	\$383,660				\$383,660
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$433,592	\$0	\$0	\$0	\$433,592

Notes:

(1) Utility Marketing includes all activities to market individual utility programs or rates, demand response concepts, and customer tools, that were approved or directed by Decision 12-04-045, 14-05-025 and 17-12-003 whether or not the marketing budget was approved as a line item in the Decision. For example, PG&E should not include marketing for TOU and PDP because funding was authorized in another proceeding. However, PG&E must document all amounts spent on marketing individual demand response programs such as Peak Choice even though a specific marketing budget was not approved for the program. This example applies to all of the utilities. The programs and activities listed in item II of the template are meant as examples, and may not be exhaustive. However, the utilities must include all programs or rates that meet this description. The totals for Items II, III and IV

(2) Other Local Marketing is part of Itemized Accounting in section: II

(3) Cost split by customer segment is estimated.

Table I-6
SCE Supply-Side Demand & Load-Modifying Response Programs
2023 Event Summary

Southern California Edison
Year-to-Date Event Summary

Program	Event No.	Date	Event Trigger ⁽¹⁾	Load Reduction MW ^{(2) (3)}	Load Reduction Based Upon ^{(2) (3)}	Area Called	Event Beginning Time ⁽⁴⁾	Event End Time ⁽⁴⁾	Program Total Hours (Annual) ⁽⁵⁾
CBP- Capacity Bidding Program- Day of (1-6)	1	01/03/23	Energy Prices		Preliminary	SLAP_SCEC	3:00 PM	9:00 PM	6:00
CBP- Capacity Bidding Program- Day of (1-6)	2	01/04/23	Energy Prices		Preliminary	SLAP_SCEC	3:00 PM	9:00 PM	12:00
CBP- Capacity Bidding Program- Day of (1-6)	3	01/05/23	Energy Prices		Preliminary	SLAP_SCEC	3:00 PM	9:00 PM	18:00
CBP- Capacity Bidding Program- Day of (1-6)	4	01/06/23	Energy Prices		Preliminary	SLAP_SCEC	3:00 PM	9:00 PM	24:00
CBP- Capacity Bidding Program- Day of (1-6)	5	01/09/23	Energy Prices		Preliminary	SLAP_SCEC	3:00 PM	9:00 PM	30:00
CBP- Capacity Bidding Program- Day of (1-6)	6	02/02/23	Energy Prices		Preliminary	SLAP_SCEC	3:00 PM	9:00 PM	36:00
CBP- Capacity Bidding Program- Day of (1-6)	7	02/24/23	Energy Prices		Preliminary	SLAP_SCEC	3:00 PM	9:00 PM	42:00
CBP- Capacity Bidding Program- Day of (1-6)	8	02/27/23	Energy Prices		Preliminary	SLAP_SCEC	4:00 PM	9:00 PM	47:00
CBP- Capacity Bidding Program- Day of (1-6)	9	03/02/23	Energy Prices		Preliminary	SLAP_SCEC	4:00 PM	9:00 PM	52:00
CBP- Capacity Bidding Program- Day of (1-6)	10	03/03/23	Energy Prices		Preliminary	SLAP_SCEC	4:00 PM	9:00 PM	57:00
CBP- Capacity Bidding Program- Day of (1-6)	11	03/06/23	Energy Prices		Preliminary	SLAP_SCEC	4:00 PM	9:00 PM	62:00
CBP- Capacity Bidding Program- Day of (1-6)	12	03/07/23	Energy Prices		Preliminary	SLAP_SCEC	5:00 PM	9:00 PM	66:00
CBP- Capacity Bidding Program- Day of (1-6)	13	03/08/23	Energy Prices		Preliminary	SLAP_SCEC	5:00 PM	9:00 PM	70:00
CBP- Capacity Bidding Program- Day of (1-6)	14	04/05/23	Energy Prices		Preliminary	SLAP_SCEC	6:00 PM	9:00 PM	73:00
CBP- Capacity Bidding Program- Day of (1-6)	15	04/06/23	Energy Prices		Preliminary	SLAP_SCEC	6:00 PM	9:00 PM	76:00
CBP- Capacity Bidding Program- Day of (1-6)	16	04/10/23	Energy Prices		Preliminary	SLAP_SCEC	6:00 PM	9:00 PM	79:00
CBP- Capacity Bidding Program- Day of (1-6)	17	04/21/23	Energy Prices		Preliminary	SLAP_SCEC	6:00 PM	9:00 PM	82:00
CBP- Capacity Bidding Program- Day of (1-6)	18	04/26/23	Energy Prices		Preliminary	SLAP_SCEC	6:00 PM	9:00 PM	85:00
CBP- Capacity Bidding Program- Day of (1-6)									
CBP- Capacity Bidding Program- Day of (1-6)	1	1/3/2023	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	6:00
CBP- Capacity Bidding Program- Day of (1-6)	2	1/4/2023	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	12:00
CBP- Capacity Bidding Program- Day of (1-6)	3	1/5/2023	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	18:00
CBP- Capacity Bidding Program- Day of (1-6)	4	1/6/2023	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	24:00
CBP- Capacity Bidding Program- Day of (1-6)	5	1/9/2023	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	30:00
CBP- Capacity Bidding Program- Day of (1-6)	6	02/01/23	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	36:00
CBP- Capacity Bidding Program- Day of (1-6)	7	02/02/23	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	42:00
CBP- Capacity Bidding Program- Day of (1-6)	8	02/24/23	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	48:00
CBP- Capacity Bidding Program- Day of (1-6)	9	02/27/23	Energy Prices		Preliminary	SLAP_SCEW	3:00 PM	9:00 PM	54:00
CBP- Capacity Bidding Program- Day of (1-6)	10	3/1/2023	Energy Prices		Preliminary	SLAP_SCEW	5:00 PM	9:00 PM	58:00
CBP- Capacity Bidding Program- Day of (1-6)	11	3/2/2023	Energy Prices		Preliminary	SLAP_SCEW	4:00 PM	9:00 PM	63:00
CBP- Capacity Bidding Program- Day of (1-6)	12	3/3/2023	Energy Prices		Preliminary	SLAP_SCEW	4:00 PM	9:00 PM	68:00
CBP- Capacity Bidding Program- Day of (1-6)	13	3/6/2023	Energy Prices		Preliminary	SLAP_SCEW	4:00 PM	9:00 PM	73:00
CBP- Capacity Bidding Program- Day of (1-6)	14	3/7/2023	Energy Prices		Preliminary	SLAP_SCEW	5:00 PM	9:00 PM	77:00
CBP- Capacity Bidding Program- Day of (1-6)	15	04/05/23	Energy Prices		Preliminary	SLAP_SCEW	6:00 PM	9:00 PM	80:00
CBP- Capacity Bidding Program- Day of (1-6)	16	04/06/23	Energy Prices		Preliminary	SLAP_SCEW	6:00 PM	9:00 PM	83:00
CBP- Capacity Bidding Program- Day of (1-6)	17	04/10/23	Energy Prices		Preliminary	SLAP_SCEW	6:00 PM	9:00 PM	86:00
CBP- Capacity Bidding Program- Day of (1-6)	18	04/21/23	Energy Prices		Preliminary	SLAP_SCEW	6:00 PM	9:00 PM	89:00
CBP- Capacity Bidding Program- Day of (1-6)	19	04/26/23	Energy Prices		Preliminary	SLAP_SCEW	6:00 PM	9:00 PM	92:00
CBP- Capacity Bidding Program- Day of (1-6)									
CBP- Capacity Bidding Program- Day of (1-6)	1	01/03/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	6:00
CBP- Capacity Bidding Program- Day of (1-6)	2	01/04/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	12:00
CBP- Capacity Bidding Program- Day of (1-6)	3	01/05/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	18:00
CBP- Capacity Bidding Program- Day of (1-6)	4	01/06/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	24:00
CBP- Capacity Bidding Program- Day of (1-6)	5	01/09/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	30:00
CBP- Capacity Bidding Program- Day of (1-6)	6	02/01/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	36:00
CBP- Capacity Bidding Program- Day of (1-6)	7	02/02/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	42:00
CBP- Capacity Bidding Program- Day of (1-6)	8	02/24/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	48:00
CBP- Capacity Bidding Program- Day of (1-6)	9	02/27/23	Energy Prices		Preliminary	SLAP_SCNW	3:00 PM	9:00 PM	54:00
CBP- Capacity Bidding Program- Day of (1-6)	10	03/01/23	Energy Prices		Preliminary	SLAP_SCNW	5:00 PM	9:00 PM	58:00
CBP- Capacity Bidding Program- Day of (1-6)	11	03/02/23	Energy Prices		Preliminary	SLAP_SCNW	4:00 PM	9:00 PM	63:00
CBP- Capacity Bidding Program- Day of (1-6)	12	03/03/23	Energy Prices		Preliminary	SLAP_SCNW	4:00 PM	9:00 PM	68:00
CBP- Capacity Bidding Program- Day of (1-6)	13	03/06/23	Energy Prices		Preliminary	SLAP_SCNW	4:00 PM	9:00 PM	73:00
CBP- Capacity Bidding Program- Day of (1-6)	14	03/07/23	Energy Prices		Preliminary	SLAP_SCNW	5:00 PM	9:00 PM	77:00
CBP- Capacity Bidding Program- Day of (1-6)	15	04/05/23	Energy Prices		Preliminary	SLAP_SCNW	6:00 PM	9:00 PM	80:00
CBP- Capacity Bidding Program- Day of (1-6)	16	04/06/23	Energy Prices		Preliminary	SLAP_SCNW	6:00 PM	9:00 PM	83:00
CBP- Capacity Bidding Program- Day of (1-6)	17	04/10/23	Energy Prices		Preliminary	SLAP_SCNW	6:00 PM	9:00 PM	86:00
CBP- Capacity Bidding Program- Day of (1-6)	18	04/21/23	Energy Prices		Preliminary	SLAP_SCNW	6:00 PM	9:00 PM	89:00
CBP- Capacity Bidding Program- Day of (1-6)	19	04/26/23	Energy Prices		Preliminary	SLAP_SCNW	6:00 PM	9:00 PM	92:00

Notes:
(1) Emergency programs' load reductions are normally requested by the ISO. The ISO does not call for load reductions by program. OBMC is activated by SCE concurrent with the ISO's request for firm load curtailment (rotating outages) to the minimum % level required to meet the ISO's firm load curtailment request. Other programs are triggered according to the terms of the tariff associated with the program.
(2) Preliminary event data is estimated based on the below criteria and subject to change based on billing records and verification.
CBP: Reported to SCE in aggregate by portfolio and by product nominations by APX.
(3) Final event data for customer's load reduction (MW) is measured as follows:
CBP: Aggregated load reduction using billing data and the settlement baselines and calculations in accordance with the CBP tariff.
(4) Event times are based on CAISO award start and end times or SCE determined start and end times.
(5) Hours listed represent the number of hours for the event by individual SLAPs.