

July 28, 2020

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

Re: R.13-09-011, A.08-06-001 et al, and A.11-03-001 et al Amended 2020
Reports of Southern California Edison Company (U 338-E) on
Interruptible Load Programs and Demand Response Programs

Dear Mr. Randolph:

Southern California Edison Company (SCE) has discovered relatively minor errors on the Monthly Reports filed in April and May of 2020 on SCE's Interruptible Load Programs and Demand Response Programs. Specifically, there were errors in the Critical Peak Pricing (CPP) load impact values and this filing corrects those load impacts errors for the CPP small and medium customer May-Oct Ex-Ante Load Impacts on the "Load Impacts (ExPost & ExAnte)" tab for the April and May 2020 reports. The specific cells with corrected load impact values are as follows:

Tab Name	Revised Cell	Description
Program Ex Ante & Ex Post MWs	N18	Updated Value May Report only
Load Impacts (ExPost & ExAnte)	(B25) Footnote 1	Verbiage updated
Load Impacts (ExPost & ExAnte)	H40	Updated Value
Load Impacts (ExPost & ExAnte)	I40	Updated Value
Load Impacts (ExPost & ExAnte)	J40	Updated Value
Load Impacts (ExPost & ExAnte)	K40	Updated Value
Load Impacts (ExPost & ExAnte)	L40	Updated Value
Load Impacts (ExPost & ExAnte)	M40	Updated Value
Load Impacts (ExPost & ExAnte)	H41	Updated Value
Load Impacts (ExPost & ExAnte)	I41	Updated Value
Load Impacts (ExPost & ExAnte)	J41	Updated Value
Load Impacts (ExPost & ExAnte)	K41	Updated Value
Load Impacts (ExPost & ExAnte)	L41	Updated Value
Load Impacts (ExPost & ExAnte)	M41	Updated Value
Load Impacts (ExPost & ExAnte)	(B48) Footnote 3	Verbiage updated
Load Impacts (ExPost & ExAnte)	(B49) Footnote 4	Verbiage updated

SCE's amended reports, presented in Appendix A (April 2020) and Appendix B (May 2020), follow the reporting requirements and use the approved template from Energy Division. The confidential versions of the Reports are being provided to Energy Division Central Files.¹ These amended reports are being re-posted on SCE's publicly available website.

- Go to www.sce.com;
- Click on the "Regulatory Information" link at the bottom right of the page;
- Select "CPUC Open Proceedings";
- Enter "R.13-09-011" in the search box;
- Locate and select the "R1309011-SCE Amended Monthly ILP and DRP Reports 2020" links to access associated documents.²

Very truly yours,

/s/ Robin Meidhof

Robin Meidhof

RZM/ig
Enclosure(s)

cc: ALJ Kelly Hymes
ALJ Nilgun Atamturk
Aloke Gupta
All Parties of Record in A.08-06-001 et al and A.11-03-001 et al, and R.13-09-011 - *via email*

¹ Consistent with D.08-04-23, Ordering Paragraph 9, SCE continues to seek confidentiality protection consistent with the Declaration submitted with prior monthly compliance reports.

² If you have trouble accessing the document using this process, you should be able to find the document using this link:
<http://www3.sce.com/law/cpucproceedings.nsf/vwSearchProceedings?SearchView&Query=R.13-09-011&SearchMax=1000&Key1=1&Key2=25>. If you still cannot access the documents with this link, please contact Legal Admin at Legal.Admin@sce.com.

Appendix A

SCE Amended Monthly ILP and DR Reports - April 2020

Table I-1
 SCE Supply-Side Demand & Load-Modifying Demand Response Programs
 Subscription Statistics - Program Estimated Ex Ante and Ex Post MWs
 2020

Southern California Edison
 Monthly Program Enrollment and Estimated Load Impacts ⁽¹⁾

	January			February			March			April			May			June			Estimated Eligible Accounts as of Jan 1, 2020
	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)	931	10.3	28.7	927	19.5	28.6	920	11.7	28.4	917	21.0	18.0							13,813
Base Interruptible Program (BIP) 15 Minute Option	53	144.5	170.3	52	156.5	167.1	53	151.3	170.3	53	169.7	140.0							9,120
Base Interruptible Program (BIP) 30 Minute Option	410	383.6	403.5	410	402.5	403.5	407	410.2	400.5	413	396.1	411.3							9,120
Capacity Bidding Program (CBP) Day Ahead ⁽⁴⁾				53	(0.0)	2.5	157	(0.1)	7.5	179	9.3	9.3							647,769
Capacity Bidding Program (CBP) Day Of ⁽⁴⁾				17	(0.0)	0.4													647,769
Smart Energy Program (SEP)	54,867	0.0	23.0	55,298	0.0	23.2	54,458	0.0	22.9	53,236	0.0	39.5							1,594,751
Summer Discount Plan Program (SDP) - Commercial	8,717	0.8	11.1	8,652	1.0	11.0	8,624	1.2	11.0	8,500	13.6	17.3							478,604
Summer Discount Plan Program (SDP) - Residential	213,864	0.1	147.6	212,702	0.3	146.8	211,607	0.5	146.0	207,103	18.6	153.3							2,087,890
Sub-Total				278,111	579.9	783.1							0	0.0	0.0	0	0.0	0.0	
Load-Modifying Demand Response Programs																			
Critical Peak Pricing (CPP)	262,302	12.2	34.8	260,882	12.0	34.4	259,422	11.9	34.2	254,212	6.0	4.8							4,001,262
Optional Binding Mandatory Curtailment (OBMC)	10	16.0	15.2	10	16.0	15.2	10	16.0	15.2	10	15.6	15.2							N/A
Real Time Pricing (RTP)	110	0.2	0.3	109	0.2	0.3	110	0.2	0.3	113	0.5	(0.2)							495,111
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							18,492
Sub-Total	262,422	28.3	50.3	261,001	28.1	49.9	259,542	28.1	49.7	254,335	22.0	19.7	0	0.0	0.0	0	0.0	0.0	
Total All Programs				539,112	608.0	833.1							0	0.0	0.0	0	0.0	0.0	

	July			August			September			October			November			December			Eligible Accounts as of Jan 1, 2020
	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)																			13,813
Base Interruptible Program (BIP) 15 Minute Option																			9,120
Base Interruptible Program (BIP) 30 Minute Option																			9,120
Capacity Bidding Program (CBP) Day Ahead																			647,769
Capacity Bidding Program (CBP) Day Of																			647,769
Smart Energy Program (SEP)																			1,594,751
Summer Discount Plan Program (SDP) - Commercial																			478,604
Summer Discount Plan Program (SDP) - Residential																			2,087,890
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)																			4,001,262
Optional Binding Mandatory Curtailment (OBMC)																			N/A
Real Time Pricing (RTP)																			495,111
Scheduled Load Reduction Program (SLRP)																			18,492
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 9 pm 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 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 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
2020

Southern California Edison
Program Eligibility and Average Load Impacts

Program	Average Ex Post Load Impact kW / Service Accounts ⁽¹⁾												Estimated Eligible Accounts as of Jan 1, 2020	Eligibility Criteria
	January	February	March	April	May	June	July	August	September	October	November	December		
Supply-Side Demand Response Programs														
Agricultural & Pumping Interruptible (API)	30.9	30.9	30.9	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	13,813	All customers > 37kW or connected load of 50 horsepower or greater on a TOU Ag & Pump rate
Base Interruptible Program (BIP) 15 Minute Option	3,213.9	3,213.9	3,213.9	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	9,120	All C & I customers > 200kW, excluding those on CPP
Base Interruptible Program (BIP) 30 Minute Option	984.1	984.1	984.1	996.0	996.0	996.0	996.0	996.0	996.0	996.0	996.0	996.0	9,120	All C & I customers > 200kW, excluding those on CPP
Capacity Bidding Program (CBP) Day Ahead ⁽²⁾	47.9	47.9	47.9	51.8	10.3	10.3	10.3	10.3	10.3	10.3	51.8	51.8	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	22.8	22.8	22.8	4.7	15.8	15.8	15.8	15.8	15.8	15.8	4.7	4.7	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Smart Energy Program (SEP)	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1,594,751	All bundled service residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, SDP, DRAM, CPP, any type of Medical Baseline Allocation, (AC penetration = 0.5)
Summer Discount Plan Program (SDP) - Commercial	1.3	1.3	1.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	478,604	All commercial customers with central air conditioning, excluding those on CBP, CPP, and BIP (AC penetration = 0.77)
Summer Discount Plan Program (SDP) - Residential	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	2,087,890	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, Medical Baseline with A/C, CPP, and SEP (AC penetration = 0.5)
Load-Modifying Demand Response Programs														
Critical Peak Pricing Small 0 to 20 kW ⁽⁴⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,918,249	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Med 20 to 199.99 kW ⁽⁴⁾	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,995	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Large 200 kW and Above ⁽⁴⁾	6.3	6.3	6.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	8,018	All bundled service customers with an IDR or Smart Connect Meter
Optional Binding Mandatory Curtailment (OBMC) ⁽⁵⁾	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 ⁽⁵⁾	All non-residential customers who can reduce circuit load by 15%
Real Time Pricing (RTP)	3.1	3.1	3.0	-1.9	9.8	140.0	148.5	7.2	140.3	10.2	1.5	3.1	495,111	All non-residential bundled service customers
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	18,492	All non-residential bundled service customers > 100kW

Notes:
 (1) Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over actual event hours during the 4-9pm 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, 2019 (PY2018) for Jan-Mar, April 1, 2020 (PY2019) for Apr-Dec.
 (2) CBP Day Ahead Ex-Post value is the Day-Ahead 1-6 Hour Load Impact value.

Program	Average Ex Ante Load Impact kW / Service Accounts ⁽³⁾												Estimated Eligible Accounts as of Jan 1, 2020	Eligibility Criteria
	January	February	March	April	May	June	July	August	September	October	November	December		
Supply-Side Demand Response Programs														
Agricultural & Pumping Interruptible (API)	11.1	21.1	12.7	22.9	26.6	30.4	29.4	30.0	28.0	25.4	11.9	9.3	13,813	All customers > 37kW or connected load of 50 horsepower or greater on a TOU Ag & Pump rate
Base Interruptible Program (BIP) 15 Minute Option	2,727.2	3,009.4	2,853.9	3,201.0	3,362.0	3,411.0	3,403.0	3,987.0	3,437.0	3,410.0	3,533.0	3,126.0	9,120	All C & I customers > 200kW, excluding those on CPP
Base Interruptible Program (BIP) 30 Minute Option	935.6	981.7	1,007.8	959.0	924.0	947.0	894.0	931.0	943.0	911.0	926.0	880.0	9,120	All C & I customers > 200kW, excluding those on CPP
Capacity Bidding Program (CBP) Day Ahead	-0.4	-0.4	-0.4	51.8	9.9	9.9	9.9	9.9	9.9	9.9	51.8	51.8	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	-0.4	-0.4	-0.4	3.2	16.4	16.4	16.4	16.4	16.4	16.4	3.2	3.2	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Smart Energy Program (SEP)	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.5	0.5	0.3	0.0	0.0	1,594,751	All bundled service residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, SDP, DRAM, CPP, any type of Medical Baseline Allocation, (AC penetration = 0.5)
Summer Discount Plan Program (SDP) - Commercial	0.1	0.1	0.1	1.6	1.8	2.0	2.5	2.6	2.8	2.0	0.9	0.0	478,604	All commercial customers with central air conditioning, excluding those on CBP, CPP, and BIP (AC penetration = 0.77)
Summer Discount Plan Program (SDP) - Residential	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.8	0.9	0.4	0.0	0.0	2,087,890	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, Medical Baseline with A/C, CPP, and SEP (AC penetration = 0.5)
Load-Modifying Demand Response Programs														
Critical Peak Pricing Small 0 to 20 kW ⁽⁴⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,918,249	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Med 20 to 199.99 kW ⁽⁴⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,995	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Large 200 kW and Above ⁽⁴⁾	6.2	6.2	6.2	3.2	3.2	3.1	3.1	3.2	3.2	3.3	2.9	2.9	8,018	All bundled service customers with an IDR or Smart Connect Meter
Optional Binding Mandatory Curtailment (OBMC) ⁽⁵⁾	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 ⁽⁵⁾	All non-residential customers who can reduce circuit load by 15%
Real Time Pricing (RTP)	1.5	1.5	1.8	4.3	3.8	9.7	-0.2	-2.7	-5.0	3.6	0.9	0.1	495,111	All non-residential bundled service customers
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	18,492	All non-residential bundled service customers > 100kW

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 on the system peak day of the month, as reported in the DR load impact studies annual compliance filing on April 1, 2019 (PY2018) for Jan-Mar, April 1, 2020 (PY2019) 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) CPP Load Impacts separated by customer size. CPP Average Ex Ante Load Impact kW/Customer for April – December = average kW / Customer, Portfolio Level Impact, under CAISO 1-in-2 weather conditions, of an event that would occur from 4-9pm on the system peak day of the month, as reported in the DR load impact studies annual compliance filing on April 1, 2020 (PY2019). Portfolio level impacts are used for CPP, to exclude dual participation load for accounts that are grandfathered into being dually enrolled in DR programs.
 (5) 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.

Table I-1B
SCE Auto DR Program Subscription Statistics
2020

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)	13.5	13.5	20.1	20.1								
Sub-Total	13.5	13.5	20.1	20.1	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)	11.7	11.5	11.5	11.3								
Real Time Pricing (RTP)	27.5	27.5	27.5	27.5								
Sub-Total	39.2	39.1	39.0	38.8	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 24												
Demand Response Auction Mechanism (DRAM)	7.5	6.9	8.7	7.8								
Sub-Total	7.5	6.9	8.7	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW	60.3	59.5	67.8	66.8	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	185.6	186.4	178.1	179.1								
Total	245.9	245.9	245.8	245.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

Activity reflects projects initiated in 2009-2017
 MWs reported on this page are not excluded from and are not directly related to the mWos on the *Program Ex Ante & Ex Post MWs* tab.

AutoDR Verified MW

Represents verified/tested MW for service accounts that participated in Auto DR.

Total Technology MW
General Program category

Represents the sum of verified MW associated with the service accounts in the Auto DR programs.
 Represents MW of participants who have received AutoDR incentives but are not currently enrolled in a Qualifying Demand Response Program.

Table I-1B
SCE Auto DR Program Subscription Statistics
2020

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								
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								
Real Time Pricing (RTP)	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 24												
Demand Response Auction Mechanism (DRAM)	0.1	0.1	0.1	0.1								
Sub-Total	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW	0.1	0.1	0.1	0.1	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								
Total	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

Activity reflects projects initiated in 2018-2022
 MWs reported on this page are not excluded from and are not directly related to the mW's on the *Program Ex Ante & Ex Post MWs* tab.

AutoDR Verified MW

Represents verified/tested MW for service accounts that participated in Auto DR.

Total Technology MW
General Program Category

Represents the sum of verified MW associated with the service accounts in the Auto DR programs.
 Represents MW of participants who have received AutoDR incentives but are not currently enrolled in a Qualifying Demand Response Program.

Table 1-2
SCE Demand Response Programs and Activities
Expenditures and Funding
2018-2022

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2018 Total Expenditures (1)	2019 Total Expenditures (1)	2020 Expenditures (2)												Year-to-Date 2020 Expenditures	Program-to-Date Total Expenditures 2018-2022	5-Year Funding 2018-2022	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)	\$380,983	\$550,266	\$172,117	\$66,129	\$33,140	\$35,569													
Agricultural & Pumping Interruptible (API) Incentives	\$5,669,401	\$9,337,670	\$100,656	\$125,806	\$200,959	\$113,301													
Base Interruptible Program (BIP)	\$168,179	\$163,213	\$13,722	\$13,641	\$16,000	\$24,529													
Base Interruptible Program (BIP) Incentives	\$78,140,399	\$60,058,312	\$3,286,228	\$2,811,846	\$3,541,474	\$3,169,424													
Capacity Bidding Program (CBP)	\$121,749	\$106,476	\$6,093	\$5,142	\$6,941	\$16,599													
Capacity Bidding Program (CBP) Incentives	\$461,722	\$411,583	(\$1,432)	\$1,775	\$7,658	\$10,522													
Smart Energy Program (SEP)	\$84,122	\$2,381,411	\$39,904	\$13,904	\$37,382	\$31,344													
Smart Energy Program (SEP) Incentives	\$1,945,546	\$1,961,007	\$19,005	\$16,066	\$21,252	\$18,503													
Summer Discount Plan Program (SDP)	\$3,757,663	\$5,196,187	\$191,072	\$300,311	\$867,978	\$264,538													
Summer Discount Plan Program (SDP) Incentives	\$47,494,751	\$39,153,197	\$139,729	\$120,146	\$169,614	\$156,811													
Category 1 Total	\$138,794,564	\$113,815,362	\$3,987,074	\$3,674,766	\$4,921,397	\$3,831,146	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,414,379	\$268,518,955	\$238,354,215	47%
Category 2 : Load-Modifying Demand Response Programs																			
Optional Binding Mandatory Curtailment (OBMC)	\$0	\$0	\$0	\$0	\$0	\$0													
Rotating Outages	\$0	\$0	\$0	\$19,099	\$0	\$0													
Scheduled Load Reduction Program (SLRP)	\$0	\$0	\$0	\$0	\$0	\$0													
Category 2 Total	\$0	\$0	\$0	\$19,099	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,099	\$19,099	\$436,625	4%
Category 3 : Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 2c																			
Demand Response Auction Mechanism (DRAM)	(1)	\$3,616,029	\$8,683,044	\$135,760	\$642,667	\$27,888	\$27,495												
DR Rule 2c	\$0	\$0	\$0	\$0	\$0	\$0	\$0												
Category 3 Total	\$3,616,029	\$8,683,044	\$135,760	\$642,667	\$27,888	\$27,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$883,810	\$13,132,883	\$35,160,000	37%
Category 4 : Emerging & Enabling Technology Programs																			
Emerging Markets and Technology	\$2,301,711	\$5,164,302	\$80,504	\$294,128	\$864,523	\$264,699													
Technology Incentive Program (AutoDR T1)	\$3,808,826	\$955,221	\$112,854	\$110,035	\$57,345	\$17,286													
Category 4 Total	\$6,110,537	\$6,299,523	\$193,358	\$404,163	\$921,868	\$435,984	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,955,373	\$14,165,433	\$58,245,325	24%
Category 5 : Pilot																			
CBP Residential Pilot	\$0	\$0	\$0	\$0	\$0	\$0													
Charge Ready Pilot	\$113,769	\$41,768	\$4,792	\$3,206	\$5,412	\$3,646													
Constrained Local Capacity Planning Areas & Disadvantaged Communities Pilot	\$0	\$0	\$0	\$0	\$0	\$0													
Category 5 Total	\$113,769	\$41,768	\$4,792	\$3,206	\$5,412	\$3,646	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,057	\$192,593	\$2,434,953	8%
Category 6 : Marketing, Education, and Outreach (ME&O) (3)																			
Other Local Marketing	\$1,850,892	\$2,049,309	\$10,636	\$9,454	\$25,041	\$181,908													
Statewide ME&O	\$2,019,833	\$1,763,825	\$51,064	\$146,199	(\$640,523)	\$884,299													
Category 6 Total	\$3,870,725	\$3,813,134	\$61,699	\$155,653	(\$615,482)	\$1,066,206	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$427,038	\$4,347,239	\$14,276,950	30%
Category 7 : Portfolio Support (includes EM&V, System Support, and Acquisitions)																			
DR Potential Study	\$0	\$0	\$0	\$0	\$0	\$0													
DR Systems & Technology Support	\$3,848,821	\$4,555,422	\$527,530	\$20,318	\$229,815	\$246,924													
Evaluation, Measurement & Verification (EM&V)	\$354,236	\$675,952	\$87,038	\$29,380	\$207,884	\$87,893													
Category 7 Total	\$4,203,087	\$5,231,374	\$614,568	\$49,698	\$437,699	\$334,816	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,439,782	\$10,865,513	\$27,300,618	29%
Integrated Programs and Activities (4)																			
IDSM Non-Residential	\$1,056,382	\$969,398	(\$24,712)	\$11,901	\$222,762	\$57,500													
IDSM Residential	\$69,366	\$95,473	\$4,793	\$4,595	\$27,442	\$7,413													
Integrated Programs and Activities Total	\$1,125,747	\$1,064,871	(\$19,920)	\$16,496	\$250,204	\$64,913	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$831,693	\$2,522,312	\$47,650,000	5%
Total Incremental Cost	\$157,824,728	\$138,292,835	\$4,977,331	\$4,985,748	\$6,142,987	\$5,764,202	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,870,268	\$317,987,832	\$846,717,742	38%

Auto-DR Technology Incentives (AutoDR T1) commitments outstanding as of 4/30/2020	
2018-2022 Customized	\$ 1,015,916
2018-2022 Express	\$ 137,610
Total	\$ 1,153,526

Notes:
(1) 2018 and 2019 Expenditures include incentive amounts paid to customers.
(2) Funding for DR programs and activities are approved in D.17-12-003 and recorded in SCE's Demand Response Program Balancing Account (DRPBA) unless otherwise noted.
(3) Incentives are for programs in Category 1 only.
(4) DRAM activities are approved in D.17-10-017, D.19-07-009, and E-4817 and settled to BRRBA. 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.
(5) Funding for Statewide ME&O reflects the cumulative approved DR budget from AL 4156-4/4157-4 for 1/2/10-12/31/21. Expenditures are recorded to the SWMEFOA.
(6) Integrated Programs and Activities section was updated in July 2018 to align with the funding approved SCE's EE Rolling Portfolio Budgets for 2018-2025 in D.18-05-041 and resulted in the consolidation of 11 activities to 2. In order to align with the DR program cycle defined in D.17-12-003, only funding through 2022 is included. SCE will continue with the consolidated budget approach from last year.
(7) Total Expenditures for BIP includes BIP Aggregation incentives and Excess Energy Charges. This is consistent with Table 1-3.

Table I-2A
SCE Demand Response Programs and Activities
Carry-Over Expenditures and Funding
2018-2022

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2018 Total Expenditures	2019 Total Expenditures	2020 Expenditures ⁽¹⁾												Year-to-Date Expenditures	Program-to-Date Total Expenditures 2018-2022	
			January ⁽²⁾	February	March	April	May	June	July	August	September	October	November	December			
Category 1 - Reliability Programs																	
Agricultural Pumping Interruptible (API)	\$11,063	\$84	\$3	(\$3)	\$3	(\$3)										\$0	\$11,137
Base Interruptible Program (BIP)	\$7,197	\$20	\$1,302	(\$5)	\$4	(\$4)										\$1,297	\$8,514
Optional Binding Mandatory Curtailment (OBMC)	(\$8)	\$6	\$0	\$0	\$0	\$0										\$0	(\$2)
Rotating Outages (RO)	\$6	\$108	\$1	(\$1)	\$1	\$244										\$245	\$358
Scheduled Load Reduction Program (SLRP)	\$27	\$1	\$0	\$0	\$0	\$0										\$0	(\$6)
Category 1 Total	\$18,241	\$218	\$1,307	(\$10)	\$8	\$237	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,542	\$20,001
Category 2 - Price Responsive Programs																	
AC Cycling - Summer Discount Plan (SDP)	\$204,019	\$9,706	\$199	(\$1,329)	\$182	\$12,599										\$1,650	\$215,376
Capacity Bidding Program (CBP)	\$363	\$63	\$1	(\$1)	\$1	(\$1)										\$0	\$426
Demand Bidding Program (DBP)	\$1,257	(\$101)	\$3	(\$3)	\$3	(\$3)										\$0	\$1,156
Save Power Day (SPD/PTR)	\$237,450	\$5,785	\$11	(\$10)	\$8	\$1,151										\$1,159	\$244,394
Category 2 Total	\$443,089	\$15,453	\$214	(\$1,344)	\$194	\$13,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,809	\$461,352
Category 3 - DR Provider/Aggregated Managed Programs ⁽³⁾																	
AMP Contracts/DR Contracts (AMP)	\$14	(\$8,718)	\$0	\$0	\$0	\$0										\$0	(\$8,704)
Category 3 Total	\$14	(\$8,718)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,704)
Category 4 - Emerging & Enabling Technologies																	
Auto DR / Technology Incentives (AutoDR-TI)	(\$407,410)	\$148,457	\$48,139	\$12,335	(\$54,878)	\$19,000										\$24,596	(\$234,357)
Emerging Markets & Technologies	\$2,325,254	\$563,004	(\$2,411)	\$23,410	\$7,048	\$1,278										\$29,324	\$2,917,582
Category 4 Total	\$1,917,844	\$711,461	\$45,728	\$35,744	(\$47,829)	\$20,277	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$53,920	\$2,683,225
Category 5 - Pilots																	
Over Generation Pilot Program	\$376,622	\$409,828	\$0	(\$8,042)	\$2,269	\$0										(\$5,772)	\$780,677
Category 5 Total	\$376,622	\$409,828	\$0	(\$8,042)	\$2,269	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,772)	\$780,677
Category 6 - Evaluation, Measurement and Verification																	
DR Research Studies (CPUC)	\$62,370	\$200,000	\$0	\$0	\$0	\$0										\$0	\$262,370
Measurement and Evaluation	\$494,350	(\$44,000)	\$14	(\$14)	\$11	(\$11)										\$0	\$450,351
Category 6 Total	\$556,721	\$156,000	\$14	(\$14)	\$11	(\$11)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$712,721
Category 7 - Marketing, Education & Outreach ⁽⁴⁾																	
Other Local Marketing	(\$15,569)	(\$463)	\$0	\$0	\$0	\$0										\$0	(\$16,032)
Category 7 Total	(\$15,569)	(\$463)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,032)
Category 8 - DR System Support Activities																	
DR Systems & Technology (S&T)	\$6,637	(\$1,189)	\$40	(\$40)	\$231,428	\$44,545										\$275,974	\$281,421
DR Rule 24	\$727,391	(\$57,634)	\$22,361	\$17,556	\$22,759	\$27,163										\$89,840	\$759,597
Category 8 Total	\$734,028	(\$58,823)	\$22,401	\$17,517	\$254,188	\$71,708	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$365,813	\$1,041,019
Category 9 - Integrated Programs and Activities (Including Technical Assistance)																	
Commercial New Construction	(\$25,725)	(\$10)	\$0	\$0	\$0	\$0										\$0	(\$25,736)
DR Energy Leadership Partnership (ELP)	\$128	(\$76)	\$3	(\$3)	\$2	(\$2)										\$0	\$52
DR Institutional Partnership	\$143	(\$59)	\$2	(\$2)	\$2	(\$2)										\$0	\$84
DR Technology Resource Incubator Program (TRIO)	(\$169)	(\$21)	\$1	(\$1)	\$1	(\$1)										\$0	(\$191)
IDSM Continuous Energy Improvement	(\$70)	(\$23)	\$1	(\$1)	\$1	(\$1)										\$0	(\$93)
IDSM Food Processing Pilot	(\$6)	\$0	\$0	\$0	\$0	\$0										\$0	(\$6)
Integrated DSM Marketing	\$916	(\$4,906)	\$10	(\$10)	\$8	(\$8)										\$0	(\$3,990)
Residential New Construction Pilot	(\$39)	(\$13)	\$0	(\$0)	\$0	(\$0)										\$0	(\$52)
Statewide IDSM	(\$111,243)	\$0	\$0	\$0	\$0	\$0										\$0	(\$111,243)
Technical Assistance (TA)	(\$1,104)	\$555	\$4	(\$4)	\$3	(\$3)										\$0	(\$549)
Third Party Programs	(\$1,304)	\$918	\$7	(\$7)	\$5	(\$5)										\$0	(\$386)
Workforce Education & Training Smart Students (SmartStudents)	(\$553)	\$3	\$3	(\$3)	\$3	\$291										\$294	(\$256)
Category 9 Total	(\$139,625)	(\$3,631)	\$32	(\$32)	\$25	\$270	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$295	(\$142,463)
Category 10 - Special Projects																	
Permanent Load Shift (PLS)	\$1,384,229	\$491,224	\$624	\$7,407	(\$12,859)	\$7,519										\$2,690	\$1,878,144
Category 10 Total	\$1,384,229	\$491,224	\$624	\$7,407	(\$12,859)	\$7,519	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,690	\$1,878,144
Programs Support Costs	\$0	(\$31)	\$0	\$0	\$0	\$42										\$42	\$11
Total Incremental Cost	\$5,276,195	\$1,712,515	\$70,319	\$41,228	\$196,005	\$113,788	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$421,340	\$7,410,051

Auto-DR Technology Incentives (AutoDR TI) commitments outstanding as of 4/30/2020	\$ 23,645
Permanent Load Shift (PLS) Commitments outstanding as of 4/30/2020	\$ 1,756,125

Notes:
(1) Carryover program costs, for funding cycles prior to 2018, are reported here and are recorded in SCE's Demand Response Program Balancing Account (DRPBA), unless otherwise noted. SCE seeks Commission authorization to carryover program costs in its ERRA proceeding.
(2) Negative expenses in January are a result of reversed accrual entries or corrections.
(3) Category 3 expenses are recorded to BRBA and/or PRACBA.
(4) Statewide ME&O and Demand Response Auction Mechanism (DRAM) are funded outside of the DR Application process, 2018-2019 spend amounts were moved to the 2020 DRP Expenditures tab for ease of tracking.
(5) Expenditures exclude incentives

Table I-3
SCE Demand Response Programs
Customer Program Incentives
2020

Southern California Edison
Annual Total Cost

Cost Item	2018 Total Incentives	2019 Total Incentives	Total Embedded Cost and Revenues ^{(1) (2)}												Year-to-Date Total	Program to Date Incentives 2018-2022	
			January	February	March	April	May	June	July	August	September	October	November	December			
Program Incentives																	
Agricultural & Pumping Interruptible (API)	\$5,669,401	\$3,337,670	\$100,656	\$125,806	\$220,959	\$113,301										\$560,722	\$9,567,794
Base Interruptible Program (BIP)	\$78,140,399	\$60,058,312	\$3,286,228	\$2,811,846	\$3,541,474	\$3,169,424										\$12,808,972	\$151,007,683
Capacity Bidding Program (CBP)	\$461,722	\$411,583	(\$1,452)	\$1,775	\$7,658	\$10,522										\$18,503	\$891,808
Smart Energy Program (SEP)	\$1,945,546	\$1,961,007	\$19,005	\$16,066	\$21,252	\$18,503										\$74,825	\$3,981,378
Summer Discount Plan Program (SDP) - Commercial	\$13,012,922	\$10,439,997	(\$815)	\$9,553	\$2,381	\$3,570										\$14,689	\$23,467,608
Summer Discount Plan Program (SDP) - Residential	\$34,281,828	\$28,713,200	\$160,544	\$310,593	\$167,233	\$153,243										\$791,613	\$63,786,641
Total Cost of Incentives	\$133,511,818	\$104,921,770	\$3,564,166	\$3,275,639	\$3,960,957	\$3,468,562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,269,324	\$252,702,912
Revenues from Excess Energy Charges^{(4) (5)}	(\$2,658,387)	(\$2,657,888)	\$0	\$0	\$49,956	\$0										\$49,956	(\$5,266,319)

Notes:

- (1) Amounts reported are for incentives costs that are recovered in the Demand Response Program Balancing Account (DRPBA).
- (2) Incentives are reported in month of settlement and not necessarily based on the month in which they were earned.
- (3) BIP represents net of incentives and Excess Energy Charges. CBP represents net of aggregator payment and penalties.
- (4) Total for BIP includes BIP Aggregation incentives and Excess Energy Charges.
- (5) Revenues from Excess Energy Charges, assessed for BIP participants, are for failure to reduce load when requested during curtailment events.

Table I-4
SCE Demand Response Programs and Activities Fund Shifting
2020

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 budget 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;
 The utilities shall not shift funds within the "Pilots" (Category 5) or "Special Projects" (Category 11) 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 not eliminate a program through multiple fund shifting;
 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;
 The utilities shall document the amount of and reason for each shift in their monthly demand response reports.
- 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.

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

Notes:

Table I-5
SCE Demand Response Programs and Activities
2020 Customer Communication, Marketing and Outreach

Southern California Edison
Year-to-Date Marketing Expenditures

	2018-2022 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to Date 2020 Expenditures	2020 Authorized Budget (if Applicable)	Percent Funding
	January	February	March	April	May	June	July	August	September	October	November	December			
I. STATEWIDE MARKETING															
IOU Administrative Costs	\$2,480	\$1,134	\$1,563	\$1,563									\$6,740	\$49,792	14%
Statewide ME&O contract	\$48,583	\$145,065	(\$642,086)	\$882,735									\$434,298	\$1,609,932	27%
I. TOTAL STATEWIDE MARKETING	\$51,064	\$146,199	(\$640,523)	\$884,299	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$441,038	\$1,659,724	41%
II. UTILITY MARKETING BY ACTIVITY ⁽¹⁾															
TOTAL AUTHORIZED UTILITY MARKETING BUDGET															
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING															
Category 1: Supply-Side Demand Response Programs															
Agricultural & Pumping Interruptible (API)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Smart Energy Program (SEP)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Summer Discount Plan Program (SOP)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Category 2: Load-Modifying Demand Response Programs															
Optional Binding Mandatory Curtailment (OBMC)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Rotating Outages	\$0	\$0	\$0	\$0									\$0	\$0	0%
Scheduled Load Reduction Program (SLRP)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Category 3: Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 24															
Demand Response Auction Mechanism (DRAM)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Category 4: Emerging Markets & Technology															
Emerging Markets and Technology	\$0	\$0	\$0	\$0									\$0	\$0	0%
Technology Incentive Program (AutoDR-TI)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Category 5: Pilots															
Charge Ready Pilot	\$0	\$0	\$0	\$0									\$0	\$0	0%
Category 6: Marketing, Education, and Outreach (ME&O)															
Other Local Marketing ⁽²⁾	\$0	\$0	\$0	\$0									\$0	\$0	0%
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	\$0	\$0	\$0	\$0									\$0	\$0	0%
Evaluation, Measurement & Verification (EM&V)	\$0	\$0	\$0	\$0									\$0	\$0	0%
Category 8: Integrated Programs and Activities															
IDSM Non Residential	(\$54,868)	\$3,912	\$4,582	\$4,922									(\$41,453)	\$446,582	-9%
IDSM Residential	\$853	\$818	\$1,007	\$999									\$3,677	\$53,419	7%
SUBTOTAL	(\$54,016)	\$4,730	\$5,589	\$5,921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$37,776)	\$500,001	-2%
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING															
Agricultural & Pumping Interruptible (API)															
Customer Research	\$0	\$0	\$0	\$0									\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0									\$0	\$0	
Labor	\$0	\$0	\$0	\$0									\$0	\$0	
Paid Media	\$0	\$0	\$0	\$0									\$0	\$0	
Other Costs	\$0	\$0	\$0	\$0									\$0	\$0	
Base Interruptible Program (BIP)															
Customer Research	\$0	\$0	\$0	\$0									\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0									\$0	\$0	
Labor	\$0	\$0	\$0	\$0									\$0	\$0	
Paid Media	\$0	\$0	\$0	\$0									\$0	\$0	
Other Costs	\$0	\$0	\$0	\$0									\$0	\$0	
Charge Ready Pilot															
Customer Research	\$0	\$0	\$0	\$0									\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0									\$0	\$0	
Labor	\$0	\$0	\$0	\$0									\$0	\$0	
Paid Media	\$0	\$0	\$0	\$0									\$0	\$0	
Other Costs	\$0	\$0	\$0	\$0									\$0	\$0	
Scheduled Load Reduction Program (SLRP)															
Customer Research	\$0	\$0	\$0	\$0									\$0	\$1,875	

Table I-5
SCE Demand Response Programs and Activities
2020 Customer Communication, Marketing and Outreach

Southern California Edison
Year-to-Date Marketing Expenditures

	2018-2022 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to Date 2020 Expenditures	2020 Authorized Budget (If Applicable)	Percent Funding
	January	February	March	April	May	June	July	August	September	October	November	December			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0									\$0		
Labor	\$0	\$0	\$0	\$0									\$0		
Paid Media	\$0	\$0	\$0	\$0									\$0		
Other Costs	\$0	\$0	\$0	\$0									\$0		
Smart Energy Program (SEP)														\$530,450	
Customer Research	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,293	\$0	\$0	\$0									\$1,293		
Labor	\$1,913	\$1,698	\$1,885	\$2,015									\$7,511		
Paid Media	\$0	(\$146)	\$31,724	\$0									\$31,578		
Other Costs	\$7	(\$1)	\$165	\$0									\$171		
Summer Discount Plan Program (SDP)														\$2,293,000	
Customer Research	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$149	\$4,795	\$189,008	\$174,796									\$368,748		
Labor	\$3,987	\$3,082	\$4,371	\$3,996									\$15,435		
Paid Media	\$0	\$0	(\$3,000)	\$0									(\$3,000)		
Other Costs	\$0	\$25	(\$16)	\$655									\$664		
Technology Incentive Program (AutoDR-TI)														\$10,000	
Customer Research	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0									\$0		
Labor	\$0	\$0	\$0	\$0									\$0		
Paid Media	\$0	\$0	\$0	\$0									\$0		
Other Costs	\$0	\$0	\$0	\$0									\$0		
Third Party														\$0	
Customer Research	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0									\$0		
Labor	\$0	\$0	\$0	\$0									\$0		
Paid Media	\$3,270	\$0	\$900	\$443									\$4,613		
Other Costs	\$17	\$0	\$5	\$2									\$24		
II. TOTAL UTILITY MARKETING BY ACTIVITY	(\$43,381)	\$14,184	\$230,630	\$187,829	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$389,261	\$3,337,923	
III. UTILITY MARKETING BY ITEMIZED COST															
Customer Research	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,441	\$4,795	\$189,008	\$174,796									\$370,041		
Labor	\$5,899	\$4,780	\$6,255	\$6,011									\$22,946		
Paid Media	\$3,270	(\$146)	\$29,624	\$443									\$33,191		
Other Costs	\$24	\$24	\$154	\$657									\$859		
<i>Total from Program, Rates & Activities that do not require itemized accounting</i>	<i>(\$54,016)</i>	<i>\$4,730</i>	<i>\$5,589</i>	<i>\$5,921</i>									<i>(\$37,776)</i>		
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	(\$43,381)	\$14,184	\$230,630	\$187,829	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$389,261	\$3,337,923	
IV. UTILITY MARKETING BY CUSTOMER SEGMENT ⁽³⁾															
Agricultural / Pumping	(\$549)	\$39	\$46	\$49									(\$415)		
Large Commercial and Industrial	(\$40,608)	\$3,130	\$4,571	\$4,383									(\$28,525)		
Small and Medium Commercial	(\$10,425)	\$743	\$871	\$935									(\$7,876)		
Residential	\$8,200	\$10,272	\$225,143	\$182,462									\$426,077		
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	(\$43,381)	\$14,184	\$230,630	\$187,829	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$389,261	\$3,337,923	

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 should be equal.

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

(3) Cost split by customer segment is estimated.

(4) Integrated Programs and Activities section was updated to align with the funding approved SCE's EE Rolling Portfolio Business Plan for 2018-2025 in D.18-05-041 and resulted in the consolidation of 11 activities into 2.

Table I-5
SCE Demand Response Programs and Activities
2020 Customer Communication, Marketing and Outreach

Southern California Edison
Quarterly Marketing Expenditures

	2018-2022 Funding Cycle Customer Communication, Marketing, and Outreach				Year-to Date 2020 Expenditures	2020 Authorized Budget (if Applicable)	Percent Funding
	Q1	Q2	Q3	Q4			
I. STATEWIDE MARKETING							
IU Administrative Costs		\$5,177			\$5,177		0%
Statewide ME&O contract		(\$448,438)			(\$448,438)	\$1,609,932	-28%
I. TOTAL STATEWIDE MARKETING		(\$443,261)	\$0	\$0	\$0	\$1,609,932	-28%
II. UTILITY MARKETING BY ACTIVITY ⁽¹⁾							
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2018							
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING							
Category 1: Supply-Side Demand Response Programs							
Agricultural & Pumping Interruptible (API)		\$0			\$0		0%
Base Interruptible Program (BIP)		\$0			\$0		0%
Capacity Bidding Program (CBP)		\$0			\$0		0%
Smart Energy Program (SEP)		\$0			\$0		0%
Summer Discount Plan Program (SDP)		\$0			\$0		0%
Category 2: Load-Modifying Demand Response Programs							
Optional Binding Mandatory Curtailment (OBMC)		\$0			\$0		0%
Rotating Outages		\$0			\$0		0%
Scheduled Load Reduction Program (SLRP)		\$0			\$0		0%
Category 3: Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 24							
Demand Response Auction Mechanism (DRAM)		\$0			\$0		0%
Category 4: Emerging Markets & Technology							
Emerging Markets and Technology		\$0			\$0		0%
Technology Incentive Program (AutoDR-TI)		\$0			\$0		0%
Category 5: Pilots							
Charge Ready Pilot		\$0			\$0		0%
Category 6 : Marketing, Education, and Outreach (ME&O)							
Other Local Marketing ⁽²⁾		\$0			\$0		0%
Category 7 : Portfolio Support (includes EM&V, System Support, and Notifications)							
DR Potential Study		\$0			\$0		0%
DR Systems & Technology Support		\$0			\$0		0%
Evaluation, Measurement & Verification (EM&V)		\$0			\$0		0%
Category 8 : Integrated Programs and Activities							
IDSM Non Residential		(\$46,374)			(\$46,374)	\$446,582	-10%
IDSM Residential		\$2,678			\$2,678	\$53,419	5%
SUBTOTAL		(\$43,697)	\$0	\$0	\$0	\$500,001	-33%
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING							
Agricultural & Pumping Interruptible (API)							
Customer Research		\$0			\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)		\$0			\$0		
Labor		\$0			\$0		
Paid Media		\$0			\$0		
Other Costs		\$0			\$0		
Base Interruptible Program (BIP)							
Customer Research		\$0			\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)		\$0			\$0		
Labor		\$0			\$0		
Paid Media		\$0			\$0		
Other Costs		\$0			\$0		
Charge Ready Pilot							
Customer Research		\$0			\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)		\$0			\$0		
Labor		\$0			\$0		
Paid Media		\$0			\$0		

Other Costs	\$0			\$0	
Scheduled Load Reduction Program (SLRP)					\$1,875
Customer Research	\$0			\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0			\$0	
Labor	\$0			\$0	
Paid Media	\$0			\$0	
Other Costs	\$0			\$0	
Smart Energy Program (SEP)					\$530,450
Customer Research	\$0			\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,293			\$1,293	
Labor	\$5,496			\$5,496	
Paid Media	\$31,578			\$31,578	
Other Costs	\$171			\$171	
Summer Discount Plan Program (SDP)					\$2,293,000
Customer Research	\$0			\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$193,952			\$193,952	
Labor	\$11,439			\$11,439	
Paid Media	(\$3,000)			(\$3,000)	
Other Costs	\$9			\$9	
Technology Incentive Program (AutoDR-TI)					\$10,000
Customer Research	\$0			\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0			\$0	
Labor	\$0			\$0	
Paid Media	\$0			\$0	
Other Costs	\$0			\$0	
Third Party					\$0
Customer Research	\$0			\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0			\$0	
Labor	\$0			\$0	
Paid Media	\$4,170			\$4,170	
Other Costs	\$22			\$22	
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$201,433	\$0	\$0	\$0	\$201,433
III. UTILITY MARKETING BY ITEMIZED COST					
Customer Research	\$0			\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$195,244			\$195,244	
Labor	\$16,935			\$16,935	
Paid Media	\$32,748			\$32,748	
Other Costs	\$202			\$202	
<i>Total from Program, Rates & Activities that do not require itemized accounting</i>	<i>(\$43,697)</i>			<i>(\$43,697)</i>	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$201,433	\$0	\$0	\$0	\$201,433
IV. UTILITY MARKETING BY CUSTOMER SEGMENT					
Agricultural / Pumping	(\$464)			(\$464)	
Large Commercial and Industrial	(\$32,907)			(\$32,907)	
Small and Medium Commercial	(\$8,811)			(\$8,811)	
Residential ⁽³⁾	\$243,615			\$243,615	
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$201,433	\$0	\$0	\$0	\$201,433

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 should be equal.

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

(3) Summer Discount Plan Program (SDP) currently shares the same internal order for both residential and commercial costs. All costs are currently reflected in the residential sector.

**Table I-6
SCE Interruptible and Price Responsive Programs
2020 Event Summary**

Southern California Edison

Year-to-Date Event Summary

Program Category	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⁾
Category 1: Supply-Side Demand Response Programs										
	CBP- Capacity bidding Program- Day of (1-6)	1	02/03/20	Energy Prices	0.35	Preliminary	SLAP_SCEW	6:00 PM	7:00 PM	1:00
	CBP- Capacity bidding Program- Day of (1-6)	2	02/04/20	Energy Prices	0.35	Preliminary	SLAP_SCEW	6:00 PM	7:00 PM	2:00
	CBP- Capacity bidding Program- Day of (1-6)	3	02/06/20	Energy Prices	0.35	Preliminary	SLAP_SCEW	6:00 PM	7:00 PM	3:00

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 subject to change based on billing records and verification.

BIP: Estimates based upon load impacts bid into CAISO daily market.

SDP: Estimated based on ac tonnage, cycling strategy and load diversity at time of event. Based on the CPUC Program Results report. Load impact-weather relationship is provided by the 2017 SDP Load Impact Evaluation study.

AP-1: Estimates based upon load impacts bid into CAISO daily market.

CPP: The monthly ex ante average load impact per customer, reported in the annual April 1 Compliance Filing, D. 08-04-050, 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 on the system peak day of the month are used.

CBP: Reported to SCE in aggregate by portfolio and by product nominations by APX.

SEP: Estimates based on number of customers in effected area and load-impact-weather relationship provided by the 2018 SEP Load Impact Evaluation study.

(3) Final event data for customer's load reduction (MW) is measured as follows:

BIP: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.

SDP: Estimated based on ac tonnage, cycling strategy and load diversity at time of event. Based on the CPUC Program Results report. Load impact-weather relationship is provided by the 2017 SDP Load Impact Evaluation study.

AP-1: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.

CPP: The monthly ex ante average load impact per customer, reported in the annual April 1 Compliance Filing, D. 08-04-050, 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 on the system peak day of the month are used.

CBP: Aggregated load reduction using billing data and the settlement baselines and calculations in accordance with the CBP tariff.

SEP: Estimates based on number of customers in effected area and load-impact-weather relationship provided by the 2018 SEP Load Impact Evaluation study.

(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.

Table L-7
SCE Aliso Canyon Demand Response Programs and Activities
Monthly Program Enrollment and Estimated Load Impacts ⁽¹⁾
2020

Southern California Edison
Monthly Program Enrollment and Estimated Load Impacts

Customer Type	Programs for LA Basin Service Accounts ⁽²⁾	January			February			March			April			May			June		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural & Pumping Interruptible (API)	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
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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
Residential	Save Power Days (SPD) ⁽⁶⁾	977	0.5	0.8	1,644	0.9	1.3	1,732	0.9	1.4	1,990	1.0	1.6	0	0.0	0.0	0	0.0	0.0
Residential	Summer Discount Plan Program (SDP) - Residential	0	0.0	0.0	0	0.0	0.0	178	0.2	0.1	317	0.3	0.2	0	0.0	0.0	0	0.0	0.0
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (LA Basin)		977	0.5	0.8	1,644	0.9	1.3	1,910	1.1	1.5	2,307	1.3	1.8	0	0.0	0.0	0	0.0	0.0

Customer Type	Programs for Non-LA Basin Service Accounts ⁽²⁾	January			February			March			April			May			June		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural & Pumping Interruptible (API)	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
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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
Residential	Save Power Days (SPD) ⁽⁶⁾	130	0.1	0.1	232	0.1	0.2	251	0.1	0.2	305	0.2	0.2	0	0.0	0.0	0	0.0	0.0
Residential	Summer Discount Plan Program (SDP) - Residential	0	0.0	0.0	0	0.0	0.0	22	0.0	0.0	34	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (Non-LA Basin)		130	0.1	0.1	232	0.1	0.2	273	0.1	0.2	339	0.2	0.3	0	0.0	0.0	0	0.0	0.0
Total All Programs LA Basin and Non-LA Basin		1,107	0.6	0.9	1,876	1.0	1.5	2,183	1.2	1.7	2,646	1.5	2.0	0	0.0	0.0	0	0.0	0.0

Customer Type	Programs for LA Basin Service Accounts ⁽²⁾	July			August			September			October			November			December		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural Pumping Interruptible (API)	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
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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
Residential	Save Power Days (SPD) ⁽⁶⁾	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
Residential	Summer Discount Plan Program (SDP) - Residential	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
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (LA Basin)		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

Customer Type	Programs for Non-LA Basin Service Accounts ⁽²⁾	July			August			September			October			November			December		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural Pumping Interruptible (API)	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
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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
Residential	Save Power Days (SPD) ⁽⁶⁾	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
Residential	Summer Discount Plan Program (SDP) - Residential	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
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (Non-LA Basin)		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 LA Basin and Non-LA Basin		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:

(1) 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 event estimates that would occur between 1 pm and 6 pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions. The ex ante and ex post load impacts presented in this report are based on the IOU's 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 June 1st Compliance Filing. The differences are attributed to the use of average values over specific load impact hours and other factors.

(2) As of this reporting period, SCE has reached the cap and is implementing a waitlist process for enrollment in reliability programs.

(3) The number of Service Accounts listed above only take into account incremental increases as a result of SCE's Aliso Canyon efforts as of April 1, 2016. Any attrition due to customer disenrollment from a program is excluded.

(4) Ex Ante Estimated MW = The August monthly ex ante average load impact per customer, reported in the annual April 1, 2016 D. 08-04-050 Compliance Filing, multiplied by the number of newly enrolled service accounts for the month of August. The ex ante average load impact is the average hourly load impact for an event that would occur from 1-6pm 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.

(5) Ex Post Estimated MW = The annual ex post average load impact per customer, reported in the annual April 1, 2017 D.08-04-050 Compliance Filing, multiplied by the number of currently enrolled service accounts for the month of August. 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 1-6pm on event days in the preceding year when or if events occurred.

(6) SPD Service Accounts included are only for DLC, which have a 0.52 kW impact per service account customer for Ex-Ante and 0.78 kW impact per service account customer for Ex-Post.

Table I-7A
SCE Aliso Canyon Demand Response Programs and Activities
Expenditures and Funding
2020

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2016-2019 Total Expenditures	2020 Expenditures ⁽¹⁾												2020 Total Expenditures	Program-to-Date 2016-2020 Total Expenditures	
		January	February	March	April	May	June	July	August	September	October	November	December			
Category 1 : Reliability Programs																
Agricultural Pumping Interruptible (API)	\$19,284	\$0	\$0	\$0	\$0										\$0	\$19,284
Base Interruptible Program (BIP)	\$229	\$0	\$0	\$0	\$0										\$0	\$229
Category 1 Total	\$19,514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,514
Category 2 : Price Responsive Programs																
AC Cycling : Summer Discount Plan (SDP)	\$3,250,318	\$0	\$0	\$0	\$0										\$0	\$3,250,318
Demand Bidding Program (DBP)	\$33,513	\$0	\$0	\$0	\$0										\$0	\$33,513
Save Power Day (SPD/PTR)	\$4,143,091	\$0	\$0	\$0	\$0										\$0	\$4,143,091
Category 2 Total	\$7,426,921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,426,921
Category 7 : Marketing, Education & Outreach																
Agricultural Pumping Interruptible (API)	\$0	\$0	\$0	\$0	\$0										\$0	\$0
Base Interruptible Program (BIP)	\$67	\$0	\$0	\$0	\$0										\$0	\$67
AC Cycling : Summer Discount Plan (SDP) ⁽²⁾	\$1,145,723	\$0	\$0	\$0	\$0										\$0	\$1,145,723
Demand Bidding Program (DBP)	\$0	\$0	\$0	\$0	\$0										\$0	\$0
Save Power Day (SPD/PTR)	\$704,327	\$0	\$0	\$0	\$0										\$0	\$704,327
Demand Response Auction Mechanism (DRAM)	\$0	\$0	\$0	\$0	\$0										\$0	\$0
Category 7 Total	\$1,850,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,850,118
Total Aliso Canyon Related Cost	\$9,296,553	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,296,553

- Notes:
- (1) Per D. 16-06-029, program costs reported here are recorded in SCE's Aliso Canyon Demand Response Program Balancing Account (ACDRPBA), unless otherwise noted.
 - (2) Marketing and outreach efforts for SDP are prioritized to the LA Basin local capacity area.
 - (3) Negative values reflect credits for accrual reversals, co-funding reimbursements, and/or accounting corrections.

Appendix B

SCE Amended Monthly ILP and DR Reports - May 2020

Table I-1
SCE Supply-Side Demand & Load-Modifying Demand Response Programs
Subscription Statistics - Program Estimated Ex Ante and Ex Post MWs
2020

Southern California Edison
Monthly Program Enrollment and Estimated Load Impacts ⁽¹⁾

	January			February			March			April			May			June			Estimated Eligible Accounts as of Jan 1, 2020
	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)	931	10.3	28.7	927	19.5	28.6	920	11.7	28.4	917	21.0	18.0	909	24.2	17.9				13,813
Base Interruptible Program (BIP) 15 Minute Option	53	144.5	170.3	52	156.5	167.1	53	151.3	170.3	53	169.7	140.0	53	178.2	140.0				9,120
Base Interruptible Program (BIP) 30 Minute Option	410	383.6	403.5	410	402.5	403.5	407	410.2	400.5	413	396.1	411.3	415	383.5	413.3				9,120
Capacity Bidding Program (CBP) Day Ahead ⁽⁴⁾				53	(0.0)	2.5	157	(0.1)	7.5	179	9.3	9.3	513	5.1	5.3				647,769
Capacity Bidding Program (CBP) Day Of ⁽⁴⁾				17	(0.0)	0.4							356	5.8	5.6				647,769
Smart Energy Program (SEP)	54,867	0.0	23.0	55,298	0.0	23.2	54,458	0.0	22.9	53,236	0.0	39.5	52,100	9.9	38.7				1,594,751
Summer Discount Plan Program (SDP) - Commercial	8,717	0.8	11.1	8,652	1.0	11.0	8,624	1.2	11.0	8,500	13.6	17.3	8,392	15.4	17.1				478,604
Summer Discount Plan Program (SDP) - Residential	213,864	0.1	147.6	212,702	0.3	146.8	211,607	0.5	146.0	207,103	18.6	153.3	205,319	47.2	151.9				2,087,890
Sub-Total				278,111	579.9	783.1							268,057	669.2	789.9	0	0.0	0.0	
Load-Modifying Demand Response Programs																			
Critical Peak Pricing (CPP)	262,302	12.2	34.8	260,882	12.0	34.4	259,422	11.9	34.2	254,212	6.0	4.8	248,958	5.7	4.6				4,001,262
Optional Binding Mandatory Curtailment (OBMC)	10	16.0	15.2	10	16.0	15.2	10	16.0	15.2	10	15.6	15.2	10	16.1	15.2				N/A
Real Time Pricing (RTP)	110	0.2	0.3	109	0.2	0.3	110	0.2	0.3	113	0.5	(0.2)	113	0.4	1.1				495,111
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				18,492
Sub-Total	262,422	28.3	50.3	261,001	28.1	49.9	259,542	28.1	49.7	254,335	22.0	19.7	249,081	22.3	20.8	0	0.0	0.0	
Total All Programs				539,112	608.0	833.1							517,138	691.5	810.7	0	0.0	0.0	

	July			August			September			October			November			December			Eligible Accounts as of Jan 1, 2020
	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	Service Accounts	Ex Ante Estimated MW ⁽²⁾	Ex Post Estimated MW ⁽³⁾	
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)																			13,813
Base Interruptible Program (BIP) 15 Minute Option																			9,120
Base Interruptible Program (BIP) 30 Minute Option																			9,120
Capacity Bidding Program (CBP) Day Ahead																			647,769
Capacity Bidding Program (CBP) Day Of																			647,769
Smart Energy Program (SEP)																			1,594,751
Summer Discount Plan Program (SDP) - Commercial																			478,604
Summer Discount Plan Program (SDP) - Residential																			2,087,890
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)																			4,001,262
Optional Binding Mandatory Curtailment (OBMC)																			N/A
Real Time Pricing (RTP)																			495,111
Scheduled Load Reduction Program (SLRP)																			18,492
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 9 pm 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 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 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
2020

Southern California Edison
Program Eligibility and Average Load Impacts

	Average Ex Post Load Impact kW / Service Accounts ⁽¹⁾												Estimated Eligible Accounts as of Jan 1, 2020	Eligibility Criteria
	January	February	March	April	May	June	July	August	September	October	November	December		
Supply-Side Demand Response Programs														
Agricultural & Pumping Interruptible (API)	30.9	30.9	30.9	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	13,813	All customers > 37kW or connected load of 50 horsepower or greater on a TOU Ag & Pump rate
Base Interruptible Program (BIP) 15 Minute Option	3,213.9	3,213.9	3,213.9	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	2,642.0	9,120	All C & I customers > 200kW, excluding those on CPP
Base Interruptible Program (BIP) 30 Minute Option	984.1	984.1	984.1	996.0	996.0	996.0	996.0	996.0	996.0	996.0	996.0	996.0	9,120	All C & I customers > 200kW, excluding those on CPP
Capacity Bidding Program (CBP) Day Ahead ⁽²⁾	47.9	47.9	47.9	51.8	10.3	10.3	10.3	10.3	10.3	10.3	51.8	51.8	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	22.8	22.8	22.8	4.7	15.8	15.8	15.8	15.8	15.8	15.8	4.7	4.7	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Smart Energy Program (SEP)	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1,594,751	All bundled service residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, SDP, DRAM, CPP, any type of Medical Baseline Allocation, (AC penetration = 0.5)
Summer Discount Plan Program (SDP) - Commercial	1.3	1.3	1.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	478,604	All commercial customers with central air conditioning, excluding those on CBP, CPP, and BIP (AC penetration = 0.77)
Summer Discount Plan Program (SDP) - Residential	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	2,087,890	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, Medical Baseline with A/C, CPP, and SEP (AC penetration = 0.5)
Load-Modifying Demand Response Programs														
Critical Peak Pricing Small 0 to 20 kW ⁽⁴⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,918,249	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Med 20 to 199.99 kW ⁽⁴⁾	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,995	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Large 200 kW and Above ⁽⁴⁾	6.3	6.3	6.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	8,018	All bundled service customers with an IDR or Smart Connect Meter
Optional Binding Mandatory Curtailment (OBMC) ⁽⁵⁾	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 ⁽⁶⁾	All non-residential customers who can reduce circuit load by 15%
Real Time Pricing (RTP)	3.1	3.1	3.0	-1.9	-9.8	140.0	148.5	7.2	140.3	10.2	1.5	3.1	495,111	All non-residential bundled service customers
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	18,492	All non-residential bundled service customers > 100kW

Notes:

(1) Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over actual event hours during the 4-9pm 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, 2019 (PY2018) for Jan-Mar, April 1, 2020 (PY2019) 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 ⁽³⁾												Estimated Eligible Accounts as of Jan 1, 2020	Eligibility Criteria
	January	February	March	April	May	June	July	August	September	October	November	December		
Supply-Side Demand Response Programs														
Agricultural & Pumping Interruptible (API)	11.1	21.1	12.7	22.9	26.6	30.4	29.4	30.0	28.0	25.4	11.9	9.3	13,813	All customers > 37kW or connected load of 50 horsepower or greater on a TOU Ag & Pump rate
Base Interruptible Program (BIP) 15 Minute Option	2,727.2	3,009.4	2,853.9	3,201.0	3,362.0	3,411.0	3,403.0	3,987.0	3,437.0	3,410.0	3,533.0	3,126.0	9,120	All C & I customers > 200kW, excluding those on CPP
Base Interruptible Program (BIP) 30 Minute Option	935.6	981.7	1,007.8	959.0	924.0	947.0	894.0	931.0	943.0	911.0	926.0	880.0	9,120	All C & I customers > 200kW, excluding those on CPP
Capacity Bidding Program (CBP) Day Ahead	-0.4	-0.4	-0.4	51.8	9.9	9.9	9.9	9.9	9.9	9.9	51.8	51.8	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	-0.4	-0.4	-0.4	3.2	16.4	16.4	16.4	16.4	16.4	16.4	3.2	3.2	647,769	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Smart Energy Program (SEP)	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.5	0.5	0.3	0.0	0.0	1,594,751	All bundled service residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, SDP, DRAM, CPP, any type of Medical Baseline Allocation, (AC penetration = 0.5)
Summer Discount Plan Program (SDP) - Commercial	0.1	0.1	0.1	1.6	1.8	2.0	2.5	2.6	2.8	2.0	0.9	0.0	478,604	All commercial customers with central air conditioning, excluding those on CBP, CPP, and BIP (AC penetration = 0.77)
Summer Discount Plan Program (SDP) - Residential	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.8	0.9	0.4	0.0	0.0	2,087,890	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-5, Medical Baseline with A/C, CPP, and SEP (AC penetration = 0.5)
Load-Modifying Demand Response Programs														
Critical Peak Pricing Small 0 to 20 kW ⁽⁴⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,918,249	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Med 20 to 199.99 kW ⁽⁴⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,995	All bundled service customers with an IDR or Smart Connect Meter
Critical Peak Pricing Large 200 kW and Above ⁽⁴⁾	6.2	6.2	6.2	3.2	3.2	3.1	3.1	3.2	3.2	3.3	2.9	2.9	8,018	All bundled service customers with an IDR or Smart Connect Meter
Optional Binding Mandatory Curtailment (OBMC) ⁽⁵⁾	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 ⁽⁶⁾	All non-residential customers who can reduce circuit load by 15%
Real Time Pricing (RTP)	1.5	1.5	1.8	4.3	3.8	9.7	-0.2	-2.7	-5.0	3.6	0.9	0.1	495,111	All non-residential bundled service customers
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	18,492	All non-residential bundled service customers > 100kW

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 on the system peak day of the month, as reported in the DR load impact studies annual compliance filing on April 1, 2019 (PY2018) for Jan-Mar, April 1, 2020 (PY2019) 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) CPP Load Impacts separated by customer size. CPP Average Ex Ante Load Impact kW/Customer for April – December = average kW / Customer, Portfolio Level Impact, under CAISO 1-in-2 weather conditions, of an event that would occur from 4-9pm on the system peak day of the month, as reported in the DR load impact studies annual compliance filing on April 1, 2020 (PY2019). Portfolio level impacts are used for CPP, to exclude dual participation load for accounts that are grandfathered into being dually enrolled in DR programs.

(5) 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.

Table I-1B
SCE Auto DR Program Subscription Statistics
2020

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)	13.5	13.5	20.1	20.1	19.9							
Sub-Total	13.5	13.5	20.1	20.1	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs												
Critical Peak Pricing (CPP)	11.7	11.5	11.5	11.3	10.0							
Real Time Pricing (RTP)	27.5	27.5	27.5	27.5	27.5							
Sub-Total	39.2	39.1	39.0	38.8	37.5	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)	7.5	6.9	8.7	7.8	7.8							
Sub-Total	7.5	6.9	8.7	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW	60.3	59.5	67.8	66.8	65.3	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	185.6	186.4	178.1	179.1	180.6							
Total	245.9	245.9	245.8	245.8	245.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

Activity reflects projects initiated in 2009-2017
MWs reported on this page are not excluded from and are not directly related to the mW's on the *Program Ex Ante & Ex Post MW's* tab.

AutoDR Verified MW

Represents verified/tested MW for service accounts that participated in Auto DR.

Total Technology MW

Represents the sum of verified MW associated with the service accounts in the Auto DR programs.

General Program category

Represents MW of participants who have received AutoDR incentives but are not currently enrolled in a Qualifying Demand Response Program.

Table I-1B
SCE Auto DR Program Subscription Statistics
2020

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 24												
Demand Response Auction Mechanism (DRAM)	0.1	0.1	0.1	0.1	0.1							
Sub-Total	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW	0.1	0.1	0.1	0.1	0.1	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							
Total	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

Activity reflects projects initiated in 2018-2022

MWs reported on this page are not excluded from and are not directly related to the mWs on the *Program Ex Ante & Ex Post MWs* tab.

AutoDR Verified MW

Represents verified/tested MW for service accounts that participated in Auto DR.

Total Technology MW

Represents the sum of verified MW associated with the service accounts in the Auto DR programs.

General Program Category

Represents MW of participants who have received AutoDR incentives but are not currently enrolled in a Qualifying Demand Response Program.

Table I-2
SCE Demand Response Programs and Activities
Expenditures and Funding
2018-2022

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2018 Total Expenditures (1)	2019 Total Expenditures (1)	2020 Expenditures (2)												Year-to-Date 2020 Expenditures	Program-to-Date Total Expenditures 2018-2022	5-Year Funding 2018-2022	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)	\$380,983	\$550,266	\$172,117	\$66,129	\$33,140	\$35,569	\$28,977												
Agricultural & Pumping Interruptible (API) Incentives	\$5,669,401	\$3,337,670	\$100,656	\$125,806	\$220,959	\$113,301	\$211,853												
Base Interruptible Program (BIP)	\$186,179	\$168,213	\$13,722	\$13,641	\$15,900	\$14,529	\$12,623												
Base Interruptible Program (BIP) Incentives	\$78,140,399	\$60,058,332	\$3,266,228	\$2,811,846	\$3,541,474	\$3,160,424	\$2,727,330												
Capacity Bidding Program (CBP)	\$121,749	\$106,476	\$6,093	\$5,142	\$6,941	\$16,599	\$13,435												
Capacity Bidding Program (CBP) Incentives	\$461,722	\$411,583	(\$1,452)	\$1,775	\$7,658	\$10,522	\$12,059												
Smart Energy Program (SEP)	\$844,172	\$2,381,411	\$39,904	\$13,904	\$37,382	\$31,344	\$25,304												
Smart Energy Program (SEP) Incentives	\$1,945,546	\$1,961,007	\$19,005	\$16,066	\$21,252	\$18,503	\$21,076												
Summer Discount Plan Program (SDP)	\$3,757,663	\$5,196,187	\$191,072	\$300,311	\$867,978	\$264,538	\$204,441												
Summer Discount Plan Program (SDP) Incentives	\$47,294,751	\$39,153,197	\$159,729	\$320,346	\$169,614	\$156,813	\$165,974												
Category 1 Total	\$136,784,564	\$113,319,322	\$3,987,074	\$3,674,766	\$4,921,397	\$3,831,142	\$3,423,071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,837,450	\$271,941,336	\$638,334,215	43%	
Category 2 : Load-Modifying Demand Response Programs																			
Optional Binding Mandatory Curtailment (OBMC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0								\$0	\$0	\$15,000	0%	
Rotating Outages	\$0	\$0	\$0	\$19,099	\$0	\$0	\$0								\$19,099	\$19,099	\$400,000	5%	
Scheduled Load Reduction Program (SLRP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0								\$0	\$0	\$15,625	0%	
Category 2 Total	\$0	\$0	\$0	\$19,099	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,099	\$19,099	\$430,625	4%	
Category 3 : Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 24																			
Demand Response Auction Mechanism (DRAM)	\$3,616,029	\$8,683,044	\$135,760	\$642,667	\$27,888	\$27,495	\$24,250								\$858,060	\$13,157,132	\$36,360,000	36%	
DR Rule 24	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0	\$0	\$0	0%	
Category 3 Total	\$3,616,029	\$8,683,044	\$135,760	\$642,667	\$27,888	\$27,495	\$24,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$858,060	\$13,157,132	\$36,360,000	36%	
Category 4 : Emerging & Enabling Technology Programs																			
Emerging Markets and Technology	\$2,301,711	\$5,164,302	\$80,504	\$294,128	\$864,523	\$264,699	\$175,199								\$1,679,053	\$9,145,066	\$14,610,000	63%	
Technology Incentive Program (AutoDR-TI)	\$3,808,826	\$935,221	\$112,854	\$110,035	\$57,345	\$171,286	\$185,334								\$636,854	\$5,380,901	\$43,639,325	12%	
Category 4 Total	\$6,110,537	\$6,099,523	\$193,358	\$404,163	\$921,868	\$435,984	\$360,534	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,315,907	\$14,525,967	\$58,249,325	25%	
Category 5 : Pilots																			
CBP Residential Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0								\$0	\$0	\$1,005,000	0%	
Charge Ready Pilot	\$113,769	\$61,768	\$4,792	\$3,206	\$5,412	\$3,646	\$3,037								\$20,093	\$195,630	\$429,953	46%	
Constrained Local Capacity Planning Areas & Disadvantaged Communities Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0								\$0	\$0	\$1,000,000	0%	
Category 5 Total	\$113,769	\$61,768	\$4,792	\$3,206	\$5,412	\$3,646	\$3,037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,093	\$195,630	\$2,434,953	8%	
Category 6 : Marketing, Education, and Outreach (M&O)																			
Other Local Marketing	\$1,850,892	\$2,069,309	\$10,636	\$9,454	\$225,041	\$181,908	(\$141,549)								\$285,489	\$4,205,689	\$14,276,950	29%	
Statewide M&O	\$2,019,833	\$1,763,625	\$51,064	\$146,199	(\$640,523)	\$884,299	\$129,984								\$571,021	\$4,354,479	\$6,881,056	63%	
Category 6 Total	\$3,870,725	\$3,832,933	\$61,699	\$155,653	(\$415,482)	\$1,066,206	(\$11,565)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$856,510	\$8,560,168	\$21,158,006	40%	
Category 7 : Portfolio Support (Includes EMBV, System Support, and Notifications)																			
DR Potential Study	\$0	\$0	\$0	\$0	\$0	\$0	\$0								\$0	\$0	\$2,000,000	0%	
DR Systems & Technology Support	\$3,848,821	\$4,555,422	\$527,230	\$20,318	\$223,815	\$246,924	\$245,567								\$1,264,134	\$9,668,397	\$29,210,482	33%	
Evaluation, Measurement & Verification (EM&V)	\$354,516	\$675,952	\$87,038	\$29,380	\$207,884	\$87,893	\$85,552								\$487,747	\$1,529,235	\$6,090,386	25%	
Category 7 Total	\$4,203,357	\$5,231,374	\$614,568	\$49,699	\$431,699	\$334,816	\$331,120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,761,901	\$11,196,632	\$37,300,618	30%	
Integrated Programs and Activities (6)																			
DSM Non-Residential	\$1,056,382	\$969,398	(\$24,712)	\$31,901	\$222,762	\$57,500	\$37,232								\$324,682	\$2,350,462	\$42,650,000	6%	
DSM Residential	\$69,366	\$95,473	\$4,793	\$4,595	\$27,442	\$7,413	\$4,678								\$48,921	\$213,760	\$5,000,000	6%	
Integrated Programs and Activities Total	\$1,125,747	\$1,064,871	(\$19,920)	\$36,496	\$250,204	\$64,913	\$41,910	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$373,603	\$2,564,222	\$47,650,000	5%	
Total Incremental Cost	\$157,824,728	\$138,292,835	\$4,977,331	\$4,985,748	\$6,142,987	\$5,764,202	\$4,172,355	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,042,623	\$322,160,187	\$841,917,742	38%	

Auto-DR Technology Incentives (AutoDR TI) commitments outstanding as of 5/31/2020	
2018-2022 Customized	\$ 1,015,916
2018-2022 Express	\$ 137,610
Total	\$ 1,153,526

Notes:
(1) 2018 and 2019 Expenditures include incentive amounts paid to customers
(2) Funding for DR programs and activities are approved in D.17-12-003 and recorded in SCE's Demand Response Program Balancing Account (DRPBA) unless otherwise noted.
(3) Incentives are for programs in Category 1 only.
(4) DRAM activities are approved in D.17-10-017, D.19-07-009, and E-4817 and settled to BRBA. 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.
(5) Funding for Statewide M&O reflects the cumulative approved DR budget from AL 4156-E/4157-E for 1/1/20-12/31/21. Expenditures are recorded to the SVMEOBA.
(6) Integrated Programs and Activities section was updated in July 2018 to align with the funding approved SCE's EE Rolling Portfolio Business Plan for 2018-2025 in D.18-05-041 and resulted in the consolidation of 11 activities to 2. In order to align with the DR program cycle defined in D.17-12-003, only funding through 2022 is included. SCE will continue with the consolidated budget approach from last year.
(7) Total Expenditures for BIP include BIP Aggregation incentives and Excess Energy Charges. This is consistent with table I-3.

Table I-2A
SCE Demand Response Programs and Activities
Carry-Over Expenditures and Funding
2018-2022

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2018 Total Expenditures	2019 Total Expenditures	2020 Expenditures ⁽¹⁾												Year-to-Date 2020 Expenditures	Program-to-Date Total Expenditures 2018-2022	
			January ⁽²⁾	February	March	April	May	June	July	August	September	October	November	December			
Category 1 - Reliability Programs																	
Agricultural Pumping Interruptible (API)	\$11,063	\$84	\$3	(\$3)	\$3	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,137
Base Interruptible Program (BIP)	\$7,197	\$20	\$1,302	(\$5)	\$4	(\$4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,297
Optional Binding Mandatory Curtailment (OBMC)	(\$8)	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2)
Rotating Outages (RO)	\$6	\$108	\$1	(\$1)	\$1	\$244	\$203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$448
Scheduled Load Reduction Program (SLRP)	\$27	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$561
Category 1 Total	\$18,241	\$218	\$1,307	(\$10)	\$8	\$237	\$209	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,745
Category 2 - Price Responsive Programs																	
AC Cycling - Summer Discount Plan (SDP)	\$204,019	\$9,706	\$199	(\$1,329)	\$182	\$12,599	\$11,296	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,946
Capacity Bidding Program (CBP)	\$363	\$63	\$1	(\$1)	\$1	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$436
Demand Bidding Program (DBP)	\$1,257	(\$101)	\$3	(\$3)	\$3	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,156
Save Power Day (SPD/PTR)	\$237,450	\$5,785	\$11	(\$10)	\$8	\$1,151	\$960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$245,354
Category 2 Total	\$443,089	\$15,453	\$214	(\$1,344)	\$194	\$13,746	\$12,256	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,065
Category 3 - DR Provider/Aggregated Managed Programs ⁽³⁾⁽⁴⁾																	
AMP Contracts/DR Contracts (AMP)	\$14	(\$8,718)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,704)
Category 3 Total	\$14	(\$8,718)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,704)
Category 4 - Emerging & Enabling Technologies																	
Auto DR / Technology Incentives (AutoDR-TI)	(\$407,410)	\$148,457	\$48,139	\$12,335	(\$54,878)	\$19,000	\$16,888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,484
Emerging Markets & Technologies	\$2,325,254	\$563,004	(\$2,411)	\$23,410	\$7,048	\$1,278	\$615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,940
Category 4 Total	\$1,917,844	\$711,461	\$45,728	\$35,744	(\$47,829)	\$20,277	\$17,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71,424
Category 5 - Pilots																	
Over Generation Pilot Program	\$376,622	\$409,828	\$0	(\$8,042)	\$2,269	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,772)
Category 5 Total	\$376,622	\$409,828	\$0	(\$8,042)	\$2,269	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,772)
Category 6 - Evaluation, Measurement and Verification																	
DR Research Studies (CPUC)	\$62,370	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,370
Measurement and Evaluation	\$494,350	(\$44,000)	\$14	(\$14)	\$11	(\$11)	\$4,653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,653
Category 6 Total	\$556,721	\$156,000	\$14	(\$14)	\$11	(\$11)	\$4,653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,653
Category 7 - Marketing, Education & Outreach ⁽⁴⁾																	
Other Local Marketing	(\$15,569)	(\$463)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,032)
Category 7 Total	(\$15,569)	(\$463)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,032)
Category 8 - DR System Support Activities																	
DR Systems & Technology (S&T)	\$6,637	(\$1,189)	\$40	(\$40)	\$231,428	\$44,545	(\$22,234)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$253,740
DR Rule 24	\$727,391	(\$57,634)	\$22,361	\$17,556	\$22,759	\$27,163	\$13,968	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,808
Category 8 Total	\$734,028	(\$58,823)	\$22,401	\$17,517	\$234,188	\$71,708	(\$9,266)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$357,547
Category 9 - Integrated Programs and Activities (Including Technical Assistance)																	
Commercial New Construction	(\$25,725)	(\$10)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$25,736)
DR Energy Leadership Partnership (ELP)	\$128	(\$76)	\$3	(\$3)	\$2	(\$2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52
DR Institutional Partnership	\$143	(\$59)	\$2	(\$2)	\$2	(\$2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84
DR Technology Resource Incubator Program (TRIO)	(\$169)	(\$21)	\$1	(\$1)	\$1	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$191)
IDSM Continuous Energy Improvement	(\$70)	(\$23)	\$1	(\$1)	\$1	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$93)
IDSM Food Processing Pilot	(\$6)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$6)
Integrated DSM Marketing	\$916	(\$4,906)	\$10	(\$10)	\$8	(\$8)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,990)
Residential New Construction Pilot	(\$39)	(\$13)	\$0	(\$0)	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$52)
Statewide IDSM	(\$111,243)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$111,243)
Technical Assistance (TA)	(\$1,104)	\$555	\$4	(\$4)	\$3	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$549)
Third Party Programs	(\$1,204)	\$918	\$7	(\$7)	\$5	(\$5)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$386)
Workforce Education & Training Smart Students (SmartStudents)	(\$553)	\$3	\$3	(\$3)	\$3	\$291	\$244	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$538
Category 9 Total	(\$139,025)	(\$3,031)	\$32	(\$32)	\$25	\$270	\$244	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$538
Category 10 - Special Projects																	
Permanent Load Shift (PLS)	\$1,384,229	\$491,224	\$624	\$7,407	(\$12,859)	\$7,519	\$643	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,333
Category 10 Total	\$1,384,229	\$491,224	\$624	\$7,407	(\$12,859)	\$7,519	\$643	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,333
Programs Support Costs	\$0	(\$31)	\$0	\$0	\$0	\$42	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11
Total Incremental Cost	\$5,276,195	\$1,712,515	\$70,319	\$41,228	\$196,005	\$113,788	\$27,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$448,575

Auto-DR Technology Incentives (AutoDR TI) commitments outstanding as of 5/31/2020	\$ 23,645
Permanent Load Shift (PLS) Commitments outstanding as of 5/31/2020	\$ -

Notes:
(1) Carryover program costs, for funding cycles prior to 2018, are reported here and are recorded in SCE's Demand Response Program Balancing Account (DRPBA), unless otherwise noted. SCE seeks Commission authorization to carryover program costs in its ERRA proceeding.
(2) Negative expenses in January are a result of reversed accrual entries or corrections.
(3) Category 3 expenses are recorded to BRBA and/or PRACBA.
(4) Statewide ME&O and Demand Response Auction Mechanism (DRAM) are funded outside of the DR Application process, 2018-2019 spend amounts were moved to the 2020 DRP Expenditures tab for ease of tracking.
(5) Expenditures exclude incentives

**Table I-3
SCE Demand Response Programs
Customer Program Incentives
2020**

Southern California Edison
Annual Total Cost

Cost Item	2018 Total Incentives	2019 Total Incentives	Total Embedded Cost and Revenues ^{(1) (2)}												Year-to-Date Total	Program to Date Incentives 2018-2022	
			January	February	March	April	May	June	July	August	September	October	November	December			
Program Incentives																	
Agricultural & Pumping Interruptible (API)	\$5,669,401	\$3,337,670	\$100,656	\$125,806	\$220,959	\$113,301	\$211,853									\$772,575	\$9,779,647
Base Interruptible Program (BIP) ^{(3) (4)}	\$78,140,399	\$60,058,312	\$3,286,228	\$2,811,846	\$3,541,474	\$3,169,424	\$2,727,330									\$15,536,302	\$153,735,013
Capacity Bidding Program (CBP) ⁽³⁾	\$461,722	\$411,583	(\$1,452)	\$1,775	\$7,658	\$10,522	\$12,059									\$30,562	\$903,867
Smart Energy Program (SEP)	\$1,945,546	\$1,961,007	\$19,005	\$16,066	\$21,252	\$18,503	\$21,076									\$95,901	\$4,002,454
Summer Discount Plan Program (SDP) - Commercial	\$13,012,922	\$10,439,997	(\$815)	\$9,553	\$2,381	\$3,570	\$4,402									\$19,091	\$23,472,010
Summer Discount Plan Program (SDP) - Residential	\$34,281,828	\$28,713,200	\$160,544	\$310,593	\$167,233	\$153,243	\$161,572									\$953,185	\$63,948,214
Total Cost of Incentives	\$133,511,818	\$104,921,770	\$3,564,166	\$3,275,639	\$3,960,957	\$3,468,562	\$3,138,292	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,407,616	\$255,841,204
Revenues from Excess Energy Charges ^{(4) (5)}	(\$2,658,387)	(\$2,657,888)	\$0	\$0	\$49,956	\$0	\$0									\$49,956	(\$5,266,319)

Notes:

- (1) Amounts reported are for incentives costs that are recovered in the Demand Response Program Balancing Account (DRPBA).
- (2) Incentives are reported in month of settlement and not necessarily based on the month in which they were earned.
- (3) BIP represents net of incentives and Excess Energy Charges. CBP represents net of aggregator payment and penalties.
- (4) Total for BIP includes BIP Aggregation incentives and Excess Energy Charges.
- (5) Revenues from Excess Energy Charges, assessed for BIP participants, are for failure to reduce load when requested during curtailment events.

Table I-4
 SCE Demand Response Programs and Activities Fund Shifting
 2020

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 budget 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;
 The utilities shall not shift funds within the "Pilots" (Category 5) or "Special Projects" (Category 11) 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 not eliminate a program through multiple fund shifting;
 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;
 The utilities shall document the amount of and reason for each shift in their monthly demand response reports.

- 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.

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

Notes:

Table I-5
SCE Demand Response Programs and Activities
2020 Customer Communication, Marketing and Outreach

Southern California Edison
Year-to-Date Marketing Expenditures

	2018-2022 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to Date 2020 Expenditures	2020 Authorized Budget (if Applicable)	Percent Funding
	January	February	March	April	May	June	July	August	September	October	November	December			
I. STATEWIDE MARKETING															
IOU Administrative Costs	\$2,480	\$1,134	\$1,563	\$1,563	\$1,412								\$8,152	\$49,792	16%
Statewide ME&O contract	\$48,583	\$145,065	(\$642,086)	\$882,735	\$128,571								\$562,869	\$1,609,932	35%
I. TOTAL STATEWIDE MARKETING	\$51,064	\$146,199	(\$640,523)	\$884,299	\$129,984	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$571,021	\$1,659,724	51%
II. UTILITY MARKETING BY ACTIVITY ⁽¹⁾															
TOTAL AUTHORIZED UTILITY MARKETING BUDGET															
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING															
Category 1: Supply-Side Demand Response Programs															
Agricultural & Pumping Interruptible (API)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Smart Energy Program (SEP)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Summer Discount Plan Program (SOP)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Category 2: Load-Modifying Demand Response Programs															
Optional Binding Mandatory Curtailment (OBMC)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Rotating Outages	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Scheduled Load Reduction Program (SLRP)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Category 3: Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 24															
Demand Response Auction Mechanism (DRAM)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Category 4: Emerging Markets & Technology															
Emerging Markets and Technology	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Technology Incentive Program (AutoDR-TI)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Category 5: Pilots															
Charge Ready Pilot	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Category 6: Marketing, Education, and Outreach (ME&O)															
Other Local Marketing ⁽²⁾	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Category 7: Portfolio Support (Includes EM&V, System Support, and Notifications)															
DR Potential Study	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
DR Systems & Technology Support	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Evaluation, Measurement & Verification (EM&V)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	0%
Category 8: Integrated Programs and Activities															
IDSM Non Residential	(\$54,868)	\$3,912	\$4,582	\$4,922	\$3,441								(\$38,012)	\$446,582	-9%
IDSM Residential	\$853	\$818	\$1,007	\$999	\$1,061								\$4,738	\$53,419	9%
SUBTOTAL	(\$54,016)	\$4,730	\$5,589	\$5,921	\$4,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$33,273)	\$500,001	0%
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING															
Agricultural & Pumping Interruptible (API)															
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Labor	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Paid Media	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Other Costs	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Base Interruptible Program (BIP)															
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Labor	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Paid Media	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Other Costs	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Charge Ready Pilot															
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Labor	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Paid Media	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Other Costs	\$0	\$0	\$0	\$0	\$0								\$0	\$0	
Scheduled Load Reduction Program (SLRP)															
Customer Research	\$0	\$0	\$0	\$0	\$0								\$0	\$1,875	

**Table I-5
SCE Demand Response Programs and Activities
2020 Customer Communication, Marketing and Outreach**

Southern California Edison
Year-to-Date Marketing Expenditures

	2018-2022 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to Date 2020 Expenditures	2020 Authorized Budget (If Applicable)	Percent Funding	
	January	February	March	April	May	June	July	August	September	October	November	December				
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0									\$0		
Labor	\$0	\$0	\$0	\$0	\$0									\$0		
Paid Media	\$0	\$0	\$0	\$0	\$0									\$0		
Other Costs	\$0	\$0	\$0	\$0	\$0									\$0		
Smart Energy Program (SEP)															\$530,450	
Customer Research	\$0	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,293	\$0	\$0	\$0	\$0									\$1,293		
Labor	\$1,913	\$1,698	\$1,885	\$2,015	\$1,832									\$9,343		
Paid Media	\$0	(\$146)	\$31,724	\$0	(\$32,749)									(\$1,171)		
Other Costs	\$7	(\$1)	\$165	\$0	(\$170)									\$1		
Summer Discount Plan Program (SDP)															\$2,293,000	
Customer Research	\$0	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$149	\$4,795	\$189,008	\$174,796	(\$123,956)									\$244,792		
Labor	\$3,987	\$3,082	\$4,371	\$3,996	\$3,719									\$19,154		
Paid Media	\$0	\$0	(\$3,000)	\$0	\$0									(\$3,000)		
Other Costs	\$0	\$25	(\$16)	\$655	\$140									\$804		
Technology Incentive Program (AutoDR-TI)															\$10,000	
Customer Research	\$0	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0									\$0		
Labor	\$0	\$0	\$0	\$0	\$0									\$0		
Paid Media	\$0	\$0	\$0	\$0	\$0									\$0		
Other Costs	\$0	\$0	\$0	\$0	\$0									\$0		
Third Party															\$0	
Customer Research	\$0	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0									\$0		
Labor	\$0	\$0	\$0	\$0	\$0									\$273		
Paid Media	\$3,270	\$0	\$900	\$443	\$9,313									\$13,927		
Other Costs	\$17	\$0	\$5	\$2	\$48									\$72		
II. TOTAL UTILITY MARKETING BY ACTIVITY	(\$43,381)	\$14,184	\$230,630	\$187,829	(\$137,047)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$252,214	\$3,337,923	
III. UTILITY MARKETING BY ITEMIZED COST																
Customer Research	\$0	\$0	\$0	\$0	\$0									\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,441	\$4,795	\$189,008	\$174,796	(\$123,956)									\$246,085		
Labor	\$5,899	\$4,780	\$6,255	\$6,011	\$5,824									\$28,770		
Paid Media	\$3,270	(\$146)	\$29,624	\$443	(\$23,436)									\$9,756		
Other Costs	\$24	\$24	\$154	\$657	\$18									\$877		
<i>Total from Program, Rates & Activities that do not require itemized accounting</i>	<i>(\$54,016)</i>	<i>\$4,730</i>	<i>\$5,589</i>	<i>\$5,921</i>	<i>\$4,502</i>									<i>(\$33,273)</i>		
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	(\$43,381)	\$14,184	\$230,630	\$187,829	(\$137,047)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$252,214	\$3,337,923	
IV. UTILITY MARKETING BY CUSTOMER SEGMENT ⁽³⁾																
Agricultural / Pumping	(\$549)	\$39	\$46	\$49	\$34									(\$380)		
Large Commercial and Industrial	(\$40,608)	\$3,130	\$4,571	\$4,383	\$12,388									(\$16,137)		
Small and Medium Commercial	(\$10,425)	\$743	\$871	\$935	\$654									(\$7,222)		
Residential	\$8,200	\$10,272	\$225,143	\$182,462	(\$150,123)									\$275,954		
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	(\$43,381)	\$14,184	\$230,630	\$187,829	(\$137,047)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$252,214	\$3,337,923	

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 should be equal.

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

(3) Cost split by customer segment is estimated.

(4) Integrated Programs and Activities section was updated to align with the funding approved SCE's EE Rolling Portfolio Business Plan for 2018-2025 in D.18-05-041 and resulted in the consolidation of 11 activities into 2.

Table I-5
SCE Demand Response Programs and Activities
2020 Customer Communication, Marketing and Outreach

Southern California Edison
Quarterly Marketing Expenditures

	2018-2022 Funding Cycle Customer Communication, Marketing, and Outreach				Year-to Date 2020 Expenditures	2020 Authorized Budget (if Applicable)	Percent Funding
	Q1	Q2	Q3	Q4			
I. STATEWIDE MARKETING							
IOU Administrative Costs					\$5,177		0%
Statewide ME&O contract					(\$448,438)	\$1,609,932	-28%
II. TOTAL STATEWIDE MARKETING					(\$443,261)	\$1,609,932	-28%
II. UTILITY MARKETING BY ACTIVITY ⁽¹⁾							
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2018							
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING							
Category 1: Supply-Side Demand Response Programs							
Agricultural & Pumping Interruptible (API)	\$0				\$0		0%
Base Interruptible Program (BIP)	\$0				\$0		0%
Capacity Bidding Program (CBP)	\$0				\$0		0%
Smart Energy Program (SEP)	\$0				\$0		0%
Summer Discount Plan Program (SDP)	\$0				\$0		0%
Category 2: Load-Modifying Demand Response Programs							
Optional Binding Mandatory Curtailment (OBMC)	\$0				\$0		0%
Rotating Outages	\$0				\$0		0%
Scheduled Load Reduction Program (SLRP)	\$0				\$0		0%
Category 3: Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 24							
Demand Response Auction Mechanism (DRAM)	\$0				\$0		0%
Category 4: Emerging Markets & Technology							
Emerging Markets and Technology	\$0				\$0		0%
Technology Incentive Program (AutoDR-TI)	\$0				\$0		0%
Category 5: Pilots							
Charge Ready Pilot	\$0				\$0		0%
Category 6: Marketing, Education, and Outreach (ME&O)							
Other Local Marketing ⁽²⁾	\$0				\$0		0%
Category 7: Portfolio Support (Includes EM&V, System Support, and Notifications)							
DR Potential Study	\$0				\$0		0%
DR Systems & Technology Support	\$0				\$0		0%
Evaluation, Measurement & Verification (EM&V)	\$0				\$0		0%
Category 8: Integrated Programs and Activities							
IDSM Non Residential	(\$46,374)				(\$46,374)	\$446,582	-10%
IDSM Residential	\$2,678				\$2,678	\$53,419	5%
SUBTOTAL	(\$43,697)	\$0	\$0	\$0	(\$43,697)	\$500,001	-33%
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING							
Agricultural & Pumping Interruptible (API)							
Customer Research	\$0				\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0				\$0		
Labor	\$0				\$0		
Paid Media	\$0				\$0		
Other Costs	\$0				\$0		
Base Interruptible Program (BIP)							
Customer Research	\$0				\$0	\$1,299	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0				\$0		
Labor	\$0				\$0		
Paid Media	\$0				\$0		
Other Costs	\$0				\$0		

Charge Ready Pilot				\$0			
Customer Research	\$0			\$0			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0			\$0			
Labor	\$0			\$0			
Paid Media	\$0			\$0			
Other Costs	\$0			\$0			
Scheduled Load Reduction Program (SLRP)				\$1,875			
Customer Research	\$0			\$0			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0			\$0			
Labor	\$0			\$0			
Paid Media	\$0			\$0			
Other Costs	\$0			\$0			
Smart Energy Program (SEP)				\$530,450			
Customer Research	\$0			\$0			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,293			\$1,293			
Labor	\$5,496			\$5,496			
Paid Media	\$31,578			\$31,578			
Other Costs	\$171			\$171			
Summer Discount Plan Program (SDP)				\$2,293,000			
Customer Research	\$0			\$0			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$193,952			\$193,952			
Labor	\$11,439			\$11,439			
Paid Media	(\$3,000)			(\$3,000)			
Other Costs	\$9			\$9			
Technology Incentive Program (AutoDR-TI)				\$10,000			
Customer Research	\$0			\$0			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0			\$0			
Labor	\$0			\$0			
Paid Media	\$0			\$0			
Other Costs	\$0			\$0			
Third Party				\$0			
Customer Research	\$0			\$0			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0			\$0			
Labor	\$0			\$0			
Paid Media	\$4,170			\$4,170			
Other Costs	\$22			\$22			
II. TOTAL UTILITY MARKETING BY ACTIVITY		\$201,433	\$0	\$0	\$0	\$201,433	\$3,337,923
III. UTILITY MARKETING BY ITEMIZED COST							
Customer Research	\$0			\$0			
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$195,244			\$195,244			
Labor	\$16,935			\$16,935			
Paid Media	\$32,748			\$32,748			
Other Costs	\$202			\$202			
<i>Total from Program, Rates & Activities that do not require itemized accounting</i>				<i>(\$43,697)</i>			
III. TOTAL UTILITY MARKETING BY ITEMIZED COST		\$201,433	\$0	\$0	\$0	\$201,433	\$3,337,923
IV. UTILITY MARKETING BY CUSTOMER SEGMENT							
Agricultural / Pumping						(\$464)	
Large Commercial and Industrial						(\$32,907)	
Small and Medium Commercial						(\$8,811)	
Residential ⁽³⁾						\$243,615	
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT		\$201,433	\$0	\$0	\$0	\$201,433	\$3,337,923

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 should be equal.

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

(3) Summer Discount Plan Program (SDP) currently shares the same internal order for both residential and commercial costs. All costs are currently reflected in the residential sector.

**Table I-6
SCE Interruptible and Price Responsive Programs
2020 Event Summary**

Southern California Edison

Year-to-Date Event Summary

Program Category	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⁾
Category 1: Supply-Side Demand Response Programs										
	CBP- Capacity bidding Program- Day Ahead (1-6)	1	05/28/20	Energy Prices	1.14	Preliminary	SLAP_SCEN	7:00 PM	8:00 PM	1:00
	CBP- Capacity bidding Program- Day Ahead (1-6)	1	05/28/20	Energy Prices	2.30	Preliminary	SLAP_SCEW	7:00 PM	8:00 PM	1:00
	CBP- Capacity bidding Program- Day Ahead (1-6)	1	05/28/20	Energy Prices	0.35	Preliminary	SLAP_SCHD	7:00 PM	8:00 PM	1:00
	CBP- Capacity bidding Program- Day Ahead (1-6)	1	05/28/20	Energy Prices	0.08	Preliminary	SLAP_SCNW	7:00 PM	8:00 PM	1:00
	CBP- Capacity bidding Program- Day of (1-6)	1	05/28/20	Energy Prices	1.62	Preliminary	SLAP_SCEC	7:00 PM	8:00 PM	1:00
	CBP- Capacity bidding Program- Day of (1-6)	1	05/28/20	Energy Prices	1.38	Preliminary	SLAP_SCEN	7:00 PM	8:00 PM	1:00
	CBP- Capacity bidding Program- Day of (1-6)	1	02/03/20	Energy Prices	0.35	Preliminary	SLAP_SCEW	6:00 PM	7:00 PM	1:00
	CBP- Capacity bidding Program- Day of (1-6)	2	02/04/20	Energy Prices	0.35	Preliminary	SLAP_SCEW	6:00 PM	7:00 PM	2:00
	CBP- Capacity bidding Program- Day of (1-6)	3	02/06/20	Energy Prices	0.35	Preliminary	SLAP_SCEW	6:00 PM	7:00 PM	3:00
	CBP- Capacity bidding Program- Day of (1-6)	4	05/28/20	Energy Prices	1.41	Preliminary	SLAP_SCEW	7:00 PM	8:00 PM	4:00
	CBP- Capacity bidding Program- Day of (1-6)	1	05/28/20	Energy Prices	0.21	Preliminary	SLAP_SCHD	7:00 PM	8:00 PM	1:00

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 subject to change based on billing records and verification.
 - BIP: Estimates based upon load impacts bid into CAISO daily market.
 - SDP: Estimated based on ac tonnage, cycling strategy and load diversity at time of event. Based on the CPUC Program Results report. Load impact-weather relationship is provided by the 2017 SDP Load Impact Evaluation study.
 - AP-I: Estimates based upon load impacts bid into CAISO daily market.
 - CPP: The monthly ex ante average load impact per customer, reported in the annual April 1 Compliance Filing, D. 08-04-050, 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 on the system peak day of the month are used.
 - CBP: Reported to SCE in aggregate by portfolio and by product nominations by APX.
 - SEP: Estimates based on number of customers in effected area and load-impact-weather relationship provided by the 2018 SEP Load Impact Evaluation study.
- (3) Final event data for customer's load reduction (MW) is measured as follows:
 - BIP: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.
 - SDP: Estimated based on ac tonnage, cycling strategy and load diversity at time of event. Based on the CPUC Program Results report. Load impact-weather relationship is provided by the 2017 SDP Load Impact Evaluation study.
 - AP-I: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.
 - CPP: The monthly ex ante average load impact per customer, reported in the annual April 1 Compliance Filing, D. 08-04-050, 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 on the system peak day of the month are used.
 - CBP: Aggregated load reduction using billing data and the settlement baselines and calculations in accordance with the CBP tariff.
 - SEP: Estimates based on number of customers in effected area and load-impact-weather relationship provided by the 2018 SEP Load Impact Evaluation study.
- (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.

Table L-7
SCE Aliso Canyon Demand Response Programs and Activities
Monthly Program Enrollment and Estimated Load Impacts ⁽¹⁾
2020

Southern California Edison
Monthly Program Enrollment and Estimated Load Impacts

Customer Type	Programs for LA Basin Service Accounts ⁽²⁾	January			February			March			April			May			June		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural & Pumping Interruptible (API)	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	
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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			
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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			
Residential	Save Power Days (SPD) ⁽⁶⁾	977	0.5	0.8	1,644	0.9	1.3	1,732	0.9	1.4	1,990	1.0	1.6	2,239	1.2	1.7			
Residential	Summer Discount Plan Program (SDP) - Residential	0	0.0	0.0	0	0.0	0.0	178	0.2	0.1	317	0.3	0.2	495	0.4	0.3			
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (LA Basin)		977	0.5	0.8	1,644	0.9	1.3	1,910	1.1	1.5	2,307	1.3	1.8	2,734	1.6	2.1	0	0.0	0.0

Customer Type	Programs for Non-LA Basin Service Accounts ⁽²⁾	January			February			March			April			May			June		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural & Pumping Interruptible (API)	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	
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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			
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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			
Residential	Save Power Days (SPD) ⁽⁶⁾	130	0.1	0.1	232	0.1	0.2	251	0.1	0.2	305	0.2	0.2	340	0.2	0.3			
Residential	Summer Discount Plan Program (SDP) - Residential	0	0.0	0.0	0	0.0	0.0	22	0.0	0.0	34	0.0	0.0	36	0.0	0.0			
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (Non-LA Basin)		130	0.1	0.1	232	0.1	0.2	273	0.1	0.2	339	0.2	0.3	376	0.2	0.3	0	0.0	0.0
Total All Programs LA Basin and Non-LA Basin		1,107	0.6	0.9	1,876	1.0	1.5	2,183	1.2	1.7	2,646	1.5	2.0	3,110	1.8	2.4	0	0.0	0.0

Customer Type	Programs for LA Basin Service Accounts ⁽²⁾	July			August			September			October			November			December		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural Pumping Interruptible (API)	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	
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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			
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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			
Residential	Save Power Days (SPD) ⁽⁶⁾	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			
Residential	Summer Discount Plan Program (SDP) - Residential	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			
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (LA Basin)		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

Customer Type	Programs for Non-LA Basin Service Accounts ⁽²⁾	July			August			September			October			November			December		
		Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾	Service Accounts ⁽³⁾	Ex Ante Estimated MW ⁽⁴⁾	Ex Post Estimated MW ⁽⁵⁾
		Non-Residential	Agricultural Pumping Interruptible (API)	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	
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	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			
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	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			
Residential	Save Power Days (SPD) ⁽⁶⁾	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			
Residential	Summer Discount Plan Program (SDP) - Residential	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			
Non-Residential	Summer Discount Plan Program (SDP) - Commercial	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 (Non-LA Basin)		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 LA Basin and Non-LA Basin		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:
(1) 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 1 pm and 6pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions. The ex ante and ex post load impacts presented in this report are based on the IOU's 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 June 1st Compliance Filing. The differences are attributed to the use of average values over specific load impact hours and other factors.

- (2) As of this reporting period, SCE has reached the cap and is implementing a waitlist process for enrollment in reliability programs.
- (3) The number of Service Accounts listed above only take into account incremental increases as a result of SCE's Aliso Canyon efforts as of April 1, 2016. Any attrition due to customer disenrollment from a program is excluded.
- (4) Ex Ante Estimated MW = The August monthly ex ante average load impact per customer, reported in the annual April 1, 2016 D. 08-04-050 Compliance Filing, multiplied by the number of newly enrolled service accounts for the month of August. The ex ante average load impact is the average hourly load impact for an event that would occur from 1-6pm 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.
- (5) Ex Post Estimated MW = The annual ex post average load impact per customer, reported in the annual April 1, 2017 D.08-04-050 Compliance Filing, multiplied by the number of currently enrolled service accounts for the month of August. 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 1-6pm on event days in the preceding year when or if events occurred.
- (6) SPD Service Accounts included are only for DLC, which have a 0.52 kW impact per service account customer for Ex-Ante and 0.78 kW impact per service account customer for Ex-Post.

Table I-7A
SCE Aliso Canyon Demand Response Programs and Activities
Expenditures and Funding
2020

Southern California Edison
Year-to-Date Program Expenditures

Cost Item	2016-2019 Total Expenditures	2020 Expenditures ⁽¹⁾												2020 Total Expenditures	Program-to-Date 2016-2020 Total Expenditures		
		January	February	March	April	May	June	July	August	September	October	November	December				
Category 1 : Reliability Programs																	
Agricultural Pumping Interruptible (API)	\$19,284	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,284
Base Interruptible Program (BIP)	\$229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$229
Category 1 Total	\$19,514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,514
Category 2 : Price Responsive Programs																	
AC Cycling : Summer Discount Plan (SDP)	\$3,250,318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,250,318
Demand Bidding Program (DBP)	\$33,513	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,513
Save Power Day (SPD/PTR)	\$4,143,091	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,143,091
Category 2 Total	\$7,426,921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,426,921
Category 7 : Marketing, Education & Outreach																	
Agricultural Pumping Interruptible (API)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Base Interruptible Program (BIP)	\$67	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67
AC Cycling : Summer Discount Plan (SDP) ⁽²⁾	\$1,145,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,145,723
Demand Bidding Program (DBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Save Power Day (SPD/PTR)	\$704,327	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$704,327
Demand Response Auction Mechanism (DRAM)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 7 Total	\$1,850,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,850,118
Total Aliso Canyon Related Cost	\$9,296,553	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,296,553

Notes:

- (1) Per D. 16-06-029, program costs reported here are recorded in SCE's Aliso Canyon Demand Response Program Balancing Account (ACDRPBA), unless otherwise noted.
- (2) Marketing and outreach efforts for SDP are prioritized to the LA Basin local capacity area.
- (3) Negative values reflect credits for accrual reversals, co-funding reimbursements, and/or accounting corrections.