

March 21, 2016

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

> Re: A.08-06-001-Report of Southern California Edison Company (U 338-E) on Interruptible Load Programs and Demand Response Programs

Dear Mr. Randolph:

Enclosed is Southern California Edison Company's ("SCE") Report on Interruptible Load Programs and Demand Response Programs pursuant to Ordering Paragraph No. 39 of Decision 09-08-027.<sup>1</sup> SCE's report, presented in Appendix A, follows the reporting requirements and uses the approved template from Energy Division. It is posted on a publicly available website:

- Go to <u>www.sce.com;</u>
- Click on the "Regulatory Information" link at the bottom right of the page;
- Select "CPUC Open Proceedings";
- Enter "A.08-06-001" in the search box;
- Locate and select the "SCE February 2016 Report on ILP and DR Programs" links to access associated documents.

Very truly yours,

/s/ Angelica Morales

# Angelica Morales

 cc: Kelly Hymes, Administrative Law Judge; Bruce Kaneshiro All Parties of Record in A.08-06-001 et al and A.11-03-001 et al - *via email* RMS: LIMS- 314-9261 Enclosure(s)

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

Appendix A

SCE WG2 Monthly Enhanced Report For Febuary 2016

#### Table I-1 SCE Interruptible and Price Responsive Programs Subscription Statistics - Estimated Ex Ante and Ex Post MWs 2015

## Southern California Edison

## Monthly Program Enrollment and Estimated Load Impacts (4)

		January			February			March			April			May			June		1
		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post	Eligible Accounts
	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	as of
Programs	Accounts	MW <sup>(1)(3)</sup>	MW (2)(3)	Accounts	MW <sup>(1)(3)</sup>	MW <sup>(2)(3)</sup>	Accounts	MW (1)(3)	MW <sup>(2)(3)</sup>	Accounts	MW <sup>(1)(3)</sup>	MW (2)(3)	Accounts	MW <sup>(1)(3)</sup>	MW <sup>(2)(3)</sup>	Accounts	MW (1)(3)	MW <sup>(2)(3)</sup>	Jan 1, 2016 <sup>(5)</sup>
Interruptible/Reliability																1			
Base Interruptible Program (BIP) 15 Minute Option	60	123.5	117.8	60	113.8	117.8													11,543
Base Interruptible Program (BIP) 30 Minute Option	524	508.2	463.4	526	489.7	465.1													11,543
Optional Binding Mandatory Curtailment (OBMC)	11	17.6	16.7	10	16.0	15.2													N/A
Agricultural Pumping Interruptible (API)	1,196	32.9	25.6	1,193	30.1	25.5													11,649
Sub-Total Interruptible	1,791	682.1	623.5	1,789	649.6	623.7	0	0.0	0.0	C	0.0	0.0	0	0.0	0.0	(	0.0	0.0	
Price Response																			1
Summer Discount Plan (SDP) - Residential	288,622	0.0	202.0	287,528	0.0	201.3													2,168,719
Summer Discount Plan (SDP) - Commercial	11,709	0.0	49.2	11,649	0.0	48.9													472,952
Summer Advantage Incentive (SAI/CPP)	3,685	21.2	40.9	3,684	21.2	40.9													4,898,639
Demand Bidding Program (DBP)	798	82.3	90.3	797	78.3	90.1													639,396
Capacity Bidding Program (CBP) Day Ahead	0	0.0	0.0	0	0.0	0.0													639,396
Capacity Bidding Program (CBP) Day Of	36		1.5	56	1.6	2.4													639,396
AMP Contracts/DR Contracts (AMP)	605	36.8	59.4	655	42.7	64.3													639,396
Real Time Pricing (RTP)	150		0.0	151	0.3	0.0													611,856
Save Power Day (SPD/PTR)	380,739	7.6	30.5	380,453	7.6	30.4													4,325,997
Scheduled Load Reduction Program (SLRP)	0	0.0	0.0	0	0.0	0.0													22,320
Sub-Total Price Response	686,344	149.2	473.8	684,973	151.8	478.4	0	0.0	0.0	C	0.0	0.0	0	0.0	0.0	(	0.0	0.0	
Total All Programs	688,135	831.4	1,097.3	686,762	801.3	1,102.1	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	(	0.0	0.0	

		July			August			September			October			November			December		
	Service	Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of															
Programs	Accounts	MW <sup>(1)(3)</sup>	MW <sup>(2)(3)</sup>	Accounts	MW (1)(3)	MW <sup>(2)(3)</sup>	Jan 1, 2015 <sup>(5)</sup>												
Interruptible/Reliability																			
Base Interruptible Program (BIP) 15 Minute Option																			11,543
Base Interruptible Program (BIP) 30 Minute Option																			11,543
Optional Binding Mandatory Curtailment (OBMC)																			N/A
Agricultural Pumping Interruptible (API)																			11,649
Sub-Total Interruptible	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	C	0.0	0.0	(	0.0	0.0	(	0.0	0.0	
Price Response																			1
Summer Discount Plan (SDP) - Residential																			2,168,719
Summer Discount Plan (SDP) - Commercial																			472,952
Summer Advantage Incentive (SAI/CPP)																			4,898,639
Demand Bidding Program (DBP)																			639,396
Capacity Bidding Program (CBP) Day Ahead																			639,396
Capacity Bidding Program (CBP) Day Of																			639,396
AMP Contracts/DR Contracts (AMP)																			639,396
Real Time Pricing (RTP)																			611,856
Save Power Day (SPD/PTR)																			4,325,997
Scheduled Load Reduction Program (SLRP)																			22,320
Sub-Total Price Response	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	C	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	

#### Notes:

1. Ex Ante Estimated MW = The monthly ex ante average load impact per customer, reported in the annual April 1, 2015 D. 08-04-050 Compliance Filing, 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 1-6pm on the system peak day of the month, with the exception of SAI/CPP where the average hourly load impacts from 2-6pm are used. 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

2. Ex Post Estimated MW = The annual ex post average load impact per customer, reported in the annual April 1, 2015 D.08-04-050 Compliance Filing, 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 1-6pm on event days in the preceding year when or if events occurred. Ex Post OBMC Load Impacts are based on program year 2008.

3. Load Impacts are not available for the SLRP, therefore MW are estimated based on the hour of peak scheduled load reduction.

4. 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). E ante forecasts account for variables not included in the ex-post estimate such as normalized weather conditions, expected customer mix during events, 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 but are still based on the Juot erstill based on the Juot erspecific load impact estimates in this report but are still based on the Juot erstill compliance Filing. The differences are attributed to the use of average values over specific load impact hours and other factors.

5. PTR Service Accounts reflects the total number of customers eligible for PTR notifications as of Jan 1, 2016.

#### Table I-1A Average Load Impact kW / Customer 2015

## Program Eligibility and Average Load Impacts based on April 1, 2015 compliance filing

					Average Ex	Post Load Im	pact kW / Cu	ustomer					Estimated Eligible	
													Accounts	
													as of	
Program	January	February	March	April	May	June	July	August	September	October	November		Jan 1, 2015 <sup>(1)(2)</sup>	Eligibility Criteria
Agricultural Pumping Interruptible (API)	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	9,785	All customers > 37kW on an Ag & Pumping rate
AMP Contracts/DR Contracts (AMP) - Day Ahead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	637,645	All non-residential customers
AMP Contracts/DR Contracts (AMP) - Day Of	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	637,645	All non-residential customers
Base Interruptible Program (BIP) 15 Minute Option	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	1,964.0	11,575	All C & I customers > 200kW
Base Interruptible Program (BIP) 30 Minute Option	884.3	884.3	884.3	884.3	884.3	884.3	884.3	884.3	884.3	884.3	884.3	884.3	11,575	All C & I customers > 200kW
Capacity Bidding Program (CBP) Day Ahead	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	637,645	All non-residential customers
Capacity Bidding Program (CBP) Day Of	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	637,645	All non-residential customers
Demand Bidding Program (DBP)	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	637,645	All non-residential customers
Optional Binding Mandatory Curtailment (OBMC)	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	N/A	All non-res. customers who can reduce circuit load by 15%
Real Time Pricing (RTP)	0.3	0.3	0.1	90.7	101.4	-94.1	28.1	25.2	208.4	1.7	96.9	2.0	2,912	All non-res. bundled service customers
Save Power Day (SPD/PTR)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	4,313,632	All residential customers with SmartMeters excluding those on
Save Fowel Day (SFD/FIR)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	4,515,052	rates DM, DMS-1, DMS-2, DMS-3, and DS.
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	24,169	All non-res. bundled service customers >100kW
Summer Advantage Incentive (SAI/CPP)	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	4,923,772	All bundled service customers
Summer Discount Plan (SDP) - Commercial	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	471,123	All commercial customers with central air conditioning
Summer Discount Plan (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	2,156,816	All residential customers with central air conditioning

#### Notes:

Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over actual event hours during the 1-6pm 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.

## \*Ex Post OBMC Load Impacts are based on program year 2008.

					Average Ex	Ante Load Im	pact kW / Cu	ustomer					Estimated Eligible	
													Accounts	
													as of	
Program	January	February	March	April	May	June	July	August	September	October	November	December	Jan 1, 2015 <sup>(1)(2)</sup>	Eligibility Criteria
Agricultural Pumping Interruptible (API)	27.5	25.2	33.3	46.2	49.2	53.3	52.0	48.5	40.1	39.0	25.9	21.6	9,785	All customers > 37kW on an Ag & Pumping rate
AMP Contracts/DR Contracts (AMP) - Day Ahead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	637,645	All non-residential customers
AMP Contracts/DR Contracts (AMP) - Day Of	60.9	65.2	66.7	80.1	82.2	83.8	90.2	88.5	85.1	81.9	73.2	56.6	637,645	All non-residential customers
Base Interruptible Program (BIP) 15 Minute Option	2,058.3	1,896.5	2,185.0	2,236.3	2,102.6	2,133.5	2,195.4	2,239.0	2,221.8	2,092.2	2,118.4	2,051.3	11,575	All C & I customers > 200kW
Base Interruptible Program (BIP) 30 Minute Option	969.8	931.0	998.2	970.8	996.3	993.2	996.5	999.0	983.7	914.9	922.0	891.9	11,575	All C & I customers > 200kW
Capacity Bidding Program (CBP) Day Ahead	30.30	30.20	31.00	38.40	38.50	39.70	42.80	42.20	41.00	39.40	34.90	28.30	637,645	All non-residential customers
Capacity Bidding Program (CBP) Day Of	27.4	29.4	31.0	37.3	38.7	40.5	42.4	42.0	40.0	36.4	33.3	27.1	637,645	All non-residential customers
Demand Bidding Program (DBP)	103.1	98.3	114.4	136.4	128.6	141.4	143.2	143.0	143.9	124.4	127.8	112.2	637,645	All non-residential customers
Optional Binding Mandatory Curtailment (OBMC)	1,596.9	1,599.4	1,601.1	1,555.4	1,609.8	1,524.3	1,510.6	1,532.1	1,469.2	1,450.6	1,498.3	1,348.1	N/A	All non-res. customers who can reduce circuit load by 15%
Real Time Pricing (RTP)	2.0	2.0	1.9	0.1	0.1	-62.8	-62.8	16.4	-62.8	0.1	2.0	2.0	2,912	All non-res. bundled service customers
Save Power Day (SPD/PTR)	0.02	0.02	0.03	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.04	0.02	4,313,632	All residential customers with SmartMeters excluding those on
Save Fower Day (SFD/FIR)	0.02	0.02	0.03	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.04	0.02	4,515,052	rates DM, DMS-1, DMS-2, DMS-3, and DS.
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	24,169	All non-res. bundled service customers >100kW
Summer Advantage Incentive (SAI/CPP)	5.8	5.8	5.9	10.0	10.0	9.5	8.8	8.3	9.2	8.6	6.2	5.5	4,923,772	All bundled service customers
Summer Discount Plan (SDP) - Commercial	0.0	0.0	0.0	2.3	2.5	3.0	4.2	5.3	5.0	4.0	0.5	0.0	471,123	All commercial customers with central air conditioning
Summer Discount Plan (SDP) - Residential	0.0	0.0	0.0	0.4	0.5	0.6	0.9	1.0	0.9	0.7	0.1	0.0	2,156,816	All residential customers with central air conditioning

#### Notes:

Average Ex Ante Load Impact kW/Customer = Average kW / Customer, under 1-in-2 weather conditions, of an event that would occur from 1-6pm on the system peak day of the month, as reported in the load impact reports filed April 1, 2014. 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/April/May are used depending on available data and reflect a typical event that would occur from 4-9pm under the same conditions. Data from Ex Ante load impact reports filed in 2009 is used for OBMC reporting.

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

2. PTR Service Accounts reflects the total number of customers eligible for PTR notifications as of Jan 1, 2015.

#### Table I-1B SCE TA/TI and Auto DR Program Subscription Statistics 2009 - 2011

## Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2009 - 2011		Jan	uary			Feb	ruary			IV	arch			A	April			N	Лау			Ju	ine	
	TA	Auto DR		Total	TA	Auto DR		Total																
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	<b>TI Verified</b>	Technology
Price Responsive	MW	MW	MW	MW	MW	MW	MW	MW																
Capacity Bidding Program		20.2	4.3	24.4		20.2	4.3	24.4				0.0				0.0				0.0				0.0
Critical Peak Pricing		6.5	0.5	7.0		6.5	0.5	7.0				0.0				0.0				0.0				0.0
Demand Bidding Program		72.3	2.8	75.1		72.3	2.8	75.1				0.0				0.0				0.0				0.0
Aggregator Managed Portfolio		23.4	2.3	25.7		23.4	2.3	25.7				0.0				0.0				0.0				0.0
Real Time Pricing		22.7	0.0	22.7		22.7	0.0	22.7				0.0				0.0				0.0				0.0
SLRP		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Total		145.0	9.8	154.9		145.0	9.8	154.9		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Interruptible/Reliability																								
Base Interruptible Program		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Summer Discount Program		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Agricultural Pumping Interruptible		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
OBMC		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Total Technology MW		145.0	9.8	154.9		145.0	9.8	154.9		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)	162.1		28.3		162.1		28.3																	
Total	162.1		28.3		162.1		28.3		0.0		0.0		0.0		0.0		0.0		0.0	1	0.0		0.0	
Total TA MW	162.1				162.1				0.0				0.0				0.0				0.0			

			luly			Au	igust			Sept	ember			Oct	tober			Nov	ember			Dec	ember	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified		Technology				Technology			TI Verified									Technology				Technology
Price Responsive	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Capacity Bidding Program				0.0	)			0.0				0.0				0.0				0.0				0.0
Critical Peak Pricing				0.0	0			0.0				0.0				0.0				0.0				0.0
Demand Bidding Program				0.0	)			0.0				0.0				0.0				0.0				0.0
Aggregator Managed Portfolio				0.0	0			0.0				0.0				0.0				0.0				0.0
Real Time Pricing				0.0	)			0.0				0.0				0.0				0.0				0.0
SLRP				0.0	)			0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0	)	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Interruptible/Reliability																								
Base Interruptible Program				0.0	)			0.0				0.0				0.0				0.0				0.0
Summer Discount Program				0.0	)			0.0				0.0				0.0				0.0				0.0
Agricultural Pumping Interruptible				0.0	)			0.0				0.0				0.0				0.0				0.0
OBMC				0.0	)			0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0	)	0.0	0.0	0.0				0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Total Technology MW		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		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
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	
	-				1																			
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

Notes:

Activity reflects projects initiated in 2009-2011.

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

 TA Identified MW
 Represents identified MW for service accounts from completed TA.

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

 TI Verified MW
 Represents verified/tested MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR

 TI Verified MW
 Represents verified MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR

 \*A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).
 \*Aiso, if a customer leaves a DR program it will reduce the MWs for that participated may include participated with the service accounts in the TI and Auto DR programs

 Total Technology MW
 Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR

 General Program category
 Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR

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#### Table I-1B SCE TA/TI and Auto DR Program Subscription Statistics 2012 - 2014

## Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2012-2014		Jani	uary			Feb	ruary			M	arch			A	oril			N	Лау			Ju	ine	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	<b>TI Verified</b>	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	<b>TI Verified</b>	Technology	Identified	Verified	TI Verified	Technology
Price Responsive	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Capacity Bidding Program		17.9	0.0	17.9		17.9	0.0	17.9				0.0				0.0				0.0				0.0
Critical Peak Pricing		6.2	0.0	6.2		6.2	0.0	6.2				0.0				0.0				0.0				0.0
Demand Bidding Program		22.1	0.0	22.1		22.1	0.0	22.1				0.0				0.0				0.0				0.0
Aggregator Managed Portfolio		31.7	0.0	31.7		31.7	0.0	31.7				0.0				0.0				0.0				0.0
Real Time Pricing		3.0	0.0	3.0		3.0	0.0	3.0				0.0				0.0				0.0				0.0
SLRP		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Total		80.8	0.0	80.8		80.8	0.0	80.8		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Interruptible/Reliability																								
Base Interruptible Program		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Summer Discount Program		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Agricultural Pumping Interruptible		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
OBMC		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Total Technology MW		80.8	0.0	80.8		80.8	0.0	80.8		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)	3.7		1.8		3.7		1.8																	
Total	3.7		1.8		3.7		1.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
		_	_	_		_			_	_			_		_			_	_				_	
Total TA MW	3.7				3.7				0.0				0.0				0.0				0.0			

		J	July			Au	igust			Sept	ember			Oct	ober			Nov	ember			Dec	ember	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total												
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified			Technology	Identified	Verified		Technology
Price Responsive	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW												
Capacity Bidding Program				0.0				0.0				0.0				0.0				0.0				0.0
Critical Peak Pricing				0.0				0.0				0.0				0.0				0.0				0.0
Demand Bidding Program				0.0				0.0				0.0				0.0				0.0				0.0
Aggregator Managed Portfolio				0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing				0.0				0.0				0.0				0.0				0.0				0.0
SLRP				0.0				0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Interruptible/Reliability																								
Base Interruptible Program				0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program				0.0				0.0				0.0				0.0				0.0				0.0
Agricultural Pumping Interruptible				0.0				0.0				0.0				0.0				0.0				0.0
OBMC				0.0				0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0				0.0
Total Technology MW		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		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	0.0		0.0	
T-+-ITA BANK					0.0				0.0								0.0				0.0			
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

Notes:

Activity reflects projects initiated in 2012-2014

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

 TA Identified MW
 Represents identified MW for service accounts from completed TA.

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

 TI Verified MW
 Represents verified MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR

 \*A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).

 \*Also, if a customer leaves a DR program it will reduce the MWs for that participated must be survice accounts in the TI and Auto DR program.

 Total Technology MW
 Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR

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#### Table I-1B SCE TA/TI and Auto DR Program Subscription Statistics 2015 - 2016

## Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2015-2016		Jan	uary			Feb	ruary			N	larch			A	pril			N	Лау			Ju	ne	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	<b>TI Verified</b>	Technology	Identified	Verified	<b>TI Verified</b>	Technology	Identified	Verified	TI Verified	rechnology
Price Responsive	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Capacity Bidding Program		0.0	0.0	0.0	)	0.0	0.0	0.0				0.0				0.0				0.0				0.0
Critical Peak Pricing		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Demand Bidding Program		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Aggregator Managed Portfolio		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Real Time Pricing		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
SLRP		0.0	0.0	0.0	)	0.0	0.0	0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0	)	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Interruptible/Reliability																								
Base Interruptible Program		0.0	0.0	0.0	)	0.0	0.0	0.0				0.0				0.0				0.0				0.0
Summer Discount Program		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Agricultural Pumping Interruptible		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
OBMC		0.0	0.0	0.0		0.0	0.0	0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0	)	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Total Technology MW		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		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)	0.0		0.0		0.0		0.0																	
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	0.0		0.0	)	0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

		L	luly			Au	igust			Sept	ember			Oct	ober			Nov	ember			Dec	ember	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total												
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology				Technology				Technology
Price Responsive	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW												
Capacity Bidding Program				0.0				0.0				0.0				0.0				0.0				0.0
Critical Peak Pricing				0.0				0.0				0.0				0.0				0.0				0.0
Demand Bidding Program				0.0				0.0				0.0				0.0				0.0				0.0
Aggregator Managed Portfolio				0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing				0.0				0.0				0.0				0.0				0.0				0.0
SLRP				0.0				0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Interruptible/Reliability																								
Base Interruptible Program				0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program				0.0				0.0				0.0				0.0				0.0				0.0
Agricultural Pumping Interruptible				0.0				0.0				0.0				0.0				0.0				0.0
OBMC				0.0				0.0				0.0				0.0				0.0				0.0
Total		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0				0.0
Total Technology MW		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		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

Notes:

Activity reflects projects initiated in 2015-2016

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

 TA Identified MW
 Represents identified MW for service accounts from completed TA.

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

 TI Verified MW
 Represents verified/tested MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR

 \*A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).

 \*Also, if a customer leaves a DR program it will reduce the MWs for that participates in the TI and Auto DR program.

 Total Technology MW
 Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR

#### Table I-2 SCE Demand Response Programs and Activities Expenditures and Funding 2015-2016

Year-to-Date Program Expenditures							2015-2016											
	2015 Total					20	16 Expenditure	S <sup>(1) (4)</sup>						Year-to Date	Program-to- Date Total Expenditures	2-Year Funding	Fundshift	Percen
Cost Item	Lotal Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	2016 Expenditures	2015-2016	2015-2016 <sup>(3)</sup>	Adjustments	
Category 1 : Reliability Programs									<u>v</u>									
Agricultural Pumping Interruptible (API)	\$270,110	\$7,411	\$15,483											\$22,894	\$293,005	\$1,028,702		28
Base Interruptible Program (BIP)	\$285,010	\$12,270	\$14,469											\$26,738	\$311,749	\$1,604,818		19
Optional Binding Mandatory Curtailment (OBMC)	\$1,868	\$95	\$94											\$189	\$2,058	\$24,984		85
Rotating Outages (RO)	\$24,948	\$365	\$19,659											\$20,024	\$44,972	\$214,438		219
Scheduled Load Reduction Program (SLRP)	\$0	\$0	\$0											\$0	\$0	\$10,000		09
Category 1 Total	\$581,937	\$20,141	\$49,705	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ş0	Ş0	Ş0	\$69,846	\$651,783	\$2,882,942		239
Category 2 : Price Responsive Programs																		
AC Cycling : Summer Discount Plan (SDP)	\$8,691,538	\$160,634	\$166,917											\$327,551	\$9,019,089	\$42,927,846		219
Capacity Bidding Program (CBP)	\$125,073	\$10,287	\$11,025											\$21,312	\$146,384	\$440,858		335
Demand Bidding Program (DBP)	\$167,802	\$4,206	\$4,364											\$8,571	\$176,373	\$989,124		18
Save Power Day (SPD/PTR)	\$761,149	\$23,366	\$18,898											\$42,264	\$803,412	\$3,138,344		265
Category 2 Total	\$9,745,562	\$198,494	\$201,204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$399,697	\$10,145,259	\$47,496,172		21
Category 3 : DR Provider/Aggregated Managed Programs																		
AMP Contracts/DR Contracts (AMP) (2)	\$187,722	\$13,332	\$13,378											\$26,709	\$214,431	\$49,300,000	(\$10,000,000)	1
Demand Response Auction Mechanism (DRAM)	\$12,435	\$16,391	\$9,048											\$25,439	\$37,874		\$10,000,000	09
Category 3 Total	\$200,157	\$29,723	\$22,426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,148	\$252,305	\$49,300,000		19
Category 4 : Emerging & Enabling Technologies																		
Auto DR / Technology Incentives (AutoDR-TI)	\$1,275,060	\$168,544	\$71,078											\$239,622	\$1,514,682	\$28,717,518		5%
Emerging Markets & Technologies	\$1,826,829	\$99,487	\$46,085											\$145,572	\$1,972,401	\$5,844,312		349
Category 4 Total	\$3,101,889	\$268,031	\$117,163	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$3,487,083	\$34,561,830		109
Category 5 : Pilots	**	4.0	<u>م</u> م												44			
Smart Charging Pilot	\$0 \$0	\$0 \$0	\$0 \$0											\$0 \$0	\$0 \$0	N/A N/A		0% 0%
Workplace Charging Pilot Category 5 Total	\$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ś0	\$0	\$0 \$0	\$0		0%
Category 5 Total	30	30	30	30	30	30	30	<b>3</b> 0	30	30	30	30	ŞU	30	30	30		0%
Category 6 : Evaluation, Measurement and Verification																		
DR Research Studies (CPUC)	\$25	\$0	\$0											\$0	\$25	\$800,000		09
Measurement and Evaluation	\$715,874	\$69,715	\$168,447											\$238,163	\$954,037	\$4,269,432		22%
Category 6 Total	\$715,900	\$69,715	\$168,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$238,163	\$954,062	\$5,069,432		19%
Category 7 : Marketing, Education & Outreach																		
Circuit Savers Program <sup>(6)</sup>	\$312,258	\$1,599	\$940											\$2,539	\$314,797	\$666,667		47%
DR Marketing, Education & Outreach (4)(5)	\$48,623 \$2,086,239	\$3,638	\$5,234											\$8,873	\$57,495	\$3,200,000 \$11.063.333		29
Other Local Marketing Statewide Marketing - Flex Alert	\$2,086,239	\$4,836 \$0	\$11,085 \$0											\$15,920 \$0	\$2,102,159 \$0	\$6,000,000		199 09
Category 7 Total	\$2,447,120	\$10,073	\$17,259	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,332	\$2,474,452	\$20,930,000		12%
	+=,,===	+==,===	+==,===											+=:,===	+=,,.=	,,,		
Category 8 : DR System Support Activities																		
DR Systems & Technology (S&T) Category 8 Total	\$3,403,688 \$3,403,688	\$183,558 \$183,558	\$200,968 \$200,968	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$384,526 \$384,526	\$3,788,214 \$3,788,214	\$11,933,354 \$11,933,354		32% 32%
Category 9 : Integrated Programs and Activities (Including Technical																		
Assistance)			1															
Commercial New Construction	\$45,772	\$1,282	\$271											\$1,552	\$47,324	\$350,000		149
DR Energy Leadership Partnership (ELP)	\$240,165	\$20,409	\$17,346											\$37,756	\$277,921	\$868,031		329
DR Institutional and Government Partnership DR Technology Resource Incubator Program (TRIO)	\$284,418 \$3,093	\$18,358 \$181	\$21,048 \$188											\$39,406 \$369	\$323,824 \$3,462	\$670,757 \$250,000		489
	\$3,093	\$181 \$0	\$188 \$0											\$369	\$3,462 \$0	\$250,000		05
Federal Power Reserve Partnership (FedPower) IDSM Continuous Energy Improvement	\$2,752	\$199	\$207											\$406	\$3,158	\$270,000		19
IDSM Food Processing Pilot	\$5,253	\$380	\$395											\$775	\$6,027	\$515,000		19
Integrated DSM Marketing	\$812,283	\$5,968	\$6,709											\$12,677	\$824,960	\$3,010,000		279
RCx Initiative	\$173,315	\$452	\$2,980											\$3,432	\$176,747	\$143,750	\$100,000	739
Residential New Construction Pilot	\$1,501	\$109	\$113											\$221	\$1,722	\$150,000		19
Statewide IDSM	\$450,878	\$56,498	\$32,090											\$88,588	\$539,466	\$250,000		60%
Technical Assistance (TA)	\$497,059	\$8,216	\$7,634											\$15,849	\$512,908	\$1,249,686		419
Third Party Programs	\$51,143	\$3,322	\$3,527											\$6,849	\$57,992	\$2,068,750		49
Upstream Auto-DR w/HVAC	\$63,061	\$1,473	\$1,613											\$3,086	\$66,147	\$950,000	(\$100,000)	89
Workforce Education & Training Smart Students (SmartStudents)	\$434,108	\$26,748	\$11,667											\$38,415	\$472,522	\$1,000,000		479
Category 9 Total	\$3,064,800	\$143,594	\$105,788	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$249,382	\$3,314,181	\$11,745,974		289
Category 10 - Special Projects																		
Permanent Load Shift	\$352,382	\$14,904	\$27,557											\$42,461	\$394,842	\$9,333,334		49
Category 10 Total	\$352,382	\$14,904	\$27,557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,461	\$394,842	\$9,333,334		49
Category 11 - Dunamic Pricing																		
Category 11 - Dynamic Pricing Real Time Pricing	\$104,783	\$8,531	\$8,798											\$17,329	\$122,111	\$0		05
Summer Advantage Incentive (CPP)	\$129,285	\$8,531	\$8,798											\$17,329	\$146,613	\$0		09
Category 11 Total	\$234,067	\$17,061	\$17,596	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,657	\$268,725	\$0		09
Total Incremental Cost	\$23,847,501	\$955,294	\$928,112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,883,406	\$25,730,906	\$193,253,038		13%
Technical Assistance & Technology Incentives (TA&TI) commitments outstanding as of 2/29/2016	\$ 1,114,514.00																	

outstanding as of 2/29/2016 Permanent Load Shift (PLS) Commitments outstanding as of 2/29/2016 612,500

#### Notes:

Notes: (1) Per ACR issued on 12/28/11, continuing program costs reported here are recorded in SCE's Demand Response Program Balancing Account (DRPBA), unless otherwise noted. Due to timing differences, the amounts in the table may not reflect transactions to reflect respective bridge funding and carryover activities.
(2) Funding and expenses for Aggregator Managed Contracts (DR Contract)(ADP (reflect the administrative portion of costs tracked in the Purchase Agreement Administrative Costs Balancing Account (PAACBA). Capacity payments are recorded separately in Table 1-4.

# Table I-2b SCE Demand Response Programs and Activities Carry-Over Expenditures and Funding 2015-2016

Year-to-Date Program Expenditures					201	15-2016									
	2015					20	016 Expenditur	'es <sup>(1) (2)</sup>						Year-to Date	Date Total
Cost Item	Total Expenditures		F-h	**h	A			to be		Contoucher	Ortohau	Manager	December	2016 Expenditures	Expenditures 2015-2016
Category 1 : Reliability Programs	experiatures	January	February	March	April	May	June	July	August	September	October	November	December	Experiatures	2013-2016
Agricultural Pumping Interruptible (API	\$9,258	\$219	(\$3,561)											(\$3,342)	\$5,916
Base Interruptible Program (BIP)	\$9,258	\$10,237	\$6,580											(\$3,342) \$16,817	\$39,244
Optional Binding Mandatory Curtailment (OBMC)	(\$25)	\$10,237	\$0,380											\$10,817	\$55,244 (\$13
	\$996	\$104	\$44												\$1,144
Rotating Outages (RO) Scheduled Load Reduction Program (SLRP)	\$996	\$104	\$44 \$0											\$148 \$0	\$1,144 \$(
	\$32,656	\$0 \$10,566		\$0	\$0	<b>\$0</b>	\$0	\$0	\$0	<b>\$0</b>	\$0	\$0	\$0		\$46,292
Category 1 Total	\$32,656	\$10,566	\$3,070	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU	\$13,636	\$46,292
Category 2 : Price Responsive Programs															
	\$469,472	60.074	104 4423											67.564	\$477,033
AC Cycling : Summer Discount Plan (SDP)		\$8,974	(\$1,412)											\$7,561	
Capacity Bidding Program (CBP)	(\$2,901)	\$142	\$159											\$301	(\$2,600
Demand Bidding Program (DBP)	(\$3,925)	\$287	\$321											\$607	(\$3,31
Save Power Day (SPD/PTR)	(\$220,614)	\$132	\$1,324											\$1,456	(\$219,157
Category 2 Total	\$242,032	\$9,535	\$391	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,926	\$251,958
Category 3 : DR Provider/Aggregated Managed Programs															
AMP Contracts/DR Contracts (AMP)	\$32,337	\$197	\$221											\$418	
Category 3 Total	\$32,337	\$197	\$221	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$418	\$32,755
Category 4 : Emerging & Enabling Technologies															
Auto DR / Technology Incentives (AutoDR-TI)	\$926,067	\$105,520	\$9,602	-	-		-		-	-		-	-	\$115,121	\$1,041,188
Emerging Markets & Technologies	\$792,650	(\$115,557)	\$127,233											\$11,676	\$804,326
Category 4 Total	\$1,718,717	(\$10,038)	\$136,835	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$1,845,514
Category 5 : Pilots															
Smart Charging Pilot	(\$22,963)	\$0	\$0											\$0	(\$22,963
Workplace Charging Pilot	\$22,082	(\$0)	\$266											\$266	\$22,347
Category 5 Total	(\$881)	(\$0)	\$266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		(\$616
category o rotar	(\$001)	(\$\$)	9200	υÇ	ŶŬ	ψŪ	ŶŬ	ŶŶ	Ű	ŶŨ	υÇ	Ψ¢	ψŪ	<i>\$</i> 200	(0010
Category 6 : Evaluation, Measurement and Verification															
DR Research Studies (CPUC)	\$0	\$0	\$0											\$0	\$0
Measurement and Evaluation	\$471,807	(\$39,234)	\$252,201											\$212,967	\$684,774
				ćo	ćo	ćo	ćo	ćo	ćo	ćo	ćo	ćo	ćo		
Category 6 Total	\$471,807	(\$39,234)	\$252,201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212,967	\$684,774
Category 7 : Marketing, Education & Outreach		4	4.1.4												
Circuit Savers Program	(\$1,193)	\$10	\$10											\$19	
DR Marketing, Education & Outreach	\$1,920	\$0	(\$317)											(\$317)	
Other Local Marketing	(\$595,384)	\$0	(\$74,681)											(\$74,681)	
Statewide Marketing - Flex Alert <sup>(3)</sup>	\$5,989,807	(\$50,382)	\$0											(\$50,382)	\$5,939,425
Category 7 Total	\$5,395,150	(\$50,372)	(\$74,988)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$125,360)	\$5,269,790
Category 8 : DR System Support Activities															
DR Systems & Technology (S&T)	\$228,389	\$377	\$322,033											\$322,410	\$550,799
Category 8 Total	\$228,389	\$377	\$322,033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$322,410	\$550,799
Category 9 : Integrated Programs and Activities (Including															
Technical Assistance)															
Commercial New Construction	\$4,195	\$41	\$0											\$41	\$4,235
DR Energy Leadership Partnership (ELP)	\$15,192	\$0	(\$479)											(\$479)	
DR Institutional Partnership	\$33,803	\$79	\$58											\$137	\$33,940
DR Technology Resource Incubator Program (TRIO)	\$109	\$16	\$0											\$16	\$125
Federal Power Reserve Partnership (FedPower	\$0	\$0	\$0											\$0	\$0
IDSM Continuous Energy Improvement	\$106,638	(\$7,441)	\$6,546											(\$895)	
IDSM Food Processing Pilot	\$348	\$33	\$0,540											\$33	\$38
Integrated DSM Marketing	\$684,310	\$75	\$679											\$754	\$685,06
RCx Initiative	\$3,451	\$15	\$16											\$30	\$3,482
Residential New Construction Pilot	\$336	\$24	\$0											\$24	\$360
Statewide IDSM		\$24 \$0	\$0 \$0												\$300 \$81,250
Technical Assistance (TA)	\$81,250 \$963,608	\$0 \$1,270	\$0 \$8,077											\$0 \$9,347	\$81,250 \$972,955
Third Party Programs	\$364	\$75	\$77											\$152	\$516
Upstream Auto-DR w/HVAC	\$18,455	\$30	\$31											\$61	\$18,516
Workforce Education & Training Smart Students (SmartStudents	\$40,998	\$35	\$11											\$46	\$41,044
Category 9 Total	\$1,953,058	(\$5,749)	\$15,016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,267	\$1,962,325
Category 10 - Special Projects															
Permanent Load Shift	\$28,558	\$119	\$12,911											\$13,030	\$41,589
Category 10 Total	\$28,558	\$119	\$12,911	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,030	\$41,589
Category 11 - Dynamic Pricing															
Real Time Pricing	(\$1,729)	\$51	\$57	-	-		-		-	-		-	-	\$107	(\$1,622
Summer Advantage Incentive (CPP)	(\$5,363)	\$606	\$678											\$1,284	(\$4,079
Category 11 Total	(\$7,093)	\$657	\$735	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,392	(\$5,701
Programs Support Costs	\$0	\$0	\$0											\$0	\$0
Total Incremental Cost	\$10,094,731	(\$83,942)	\$668,691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$584,750	\$10,679,481
	\$10,034,731	(403,542)	,000,0J1	ŬÇ.	ΨŪ	γu	ΨŪ	ŲÇ.	ΰÇ	ŶŬ	ŲŲ.	ŲÇ	ÚÇ.	<i>\$304,730</i>	\$10,073,401
	A 10 0511:-														
Technical Assistance & Technology Incentives (TA&TI) commitments	\$ 10,254,117														

 Technical Assistance & Technology Incentives (TA&TI) commitments
 \$ 10,254,117

 outstanding as of 2/29/2016
 \$ 2,016,350

 Permanent Load Shift (PLS) Commitments outstanding as of \$ 2,016,350
 \$ 2,016,350

 2/29/2016
 \$ 10,254,117

 Notes:
 \$ 10,254,117

 Due to timing differences, the amounts in the table may not reflect transactions to reflect respective bridge funding and carryover activitie

 (2) Negative expenses in January are a result of reversed accrual entries

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## Table I-4 SCE Demand Response Programs Customer Program Incentives 2016

Annual Total Cost

	Total Embedded Cost and Revenues <sup>(1)</sup>												
Cost Item	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost
Program Incentives (2)													
Agricultural Pumping Interruptible (API)	\$29,187	\$27,961											\$57,148
Base Interruptible Program (BIP)	\$668,020	\$776,917											\$1,444,937
Capacity Bidding Program (CBP)	\$132	Pending											\$132
Demand Bidding Program (DBP)	\$0	\$568											\$568
AMP Contracts/DR Contracts (AMP)	\$1,065	\$65,014											\$66,079
Save Power Day (SPD/PTR)	\$9,964	\$12,012											\$21,976
Summer Discount Plan (SDP) - Commercial	(\$5,641)	\$27,793											\$22,152
Summer Discount Plan (SDP) - Residential	\$197,738	\$220,561											\$418,299
Summer Discount Plan (SDP) - Residential O-Switch	\$3,627	\$4,534											\$8,161
Total Cost of Incentives	\$904,092	\$1,135,359	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,039,451

Revenues from Excess Energy Charges <sup>(3)</sup>	\$0 \$23,713	\$23,713
----------------------------------------------------	--------------	----------

Amounts reported are for incentives costs that are not recovered in the Demand Response Program Balancing Account.
 Except for AMP Contacts/DR Contracts, Incentive data is preliminary and subject to change based on billing records.

(3) Revenues assessed by BIP participants for failure to reduce load when requested during curtailment events.

## SCE Demand Response Programs and Activities 2015-2016 Customer Communication, Marketing and Outreach

				20	15-2016 Fun	ding Cycle Cu	stomer Com	munication,	Marketing, a	nd Outreach <sup>(;</sup>	2)			Year-to Date	2015-2016	2015-2016
	Total 2015 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	2016 Expenditures	Total Expenditures	Authorized Budget (if Applicable)
I. STATEWIDE MARKETING (2)(3)																
IOU Administrative Costs	\$48,623	\$3,638	\$5,234											\$8,873	\$57,495	
Statewide ME&O contract	\$0	\$0	\$0											\$0	\$0	
I. TOTAL STATEWIDE MARKETING	\$48,623	\$3,638	\$5,234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,873	\$57,495	\$6,000,000

II. UTILITY MARKETING BY ACTIVITY <sup>(1)</sup> TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2017

. UTILITY MARKETING BY ACTIVITY **						
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2017						\$17,73
ROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING						
ategory 1: Reliability Programs						
Agricultural Pumping Interruptible (API)	\$0	\$0	\$0	\$0	\$0	
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0	
Optional Binding Mandatory Curtailment (OBMC)	\$0	\$0	\$0	\$0	\$0	
Rotating Outages (RO)	\$0	\$0	\$0	\$0	\$0	
Scheduled Load Reduction Program (SLRP)	\$0	\$0	\$0	\$0	\$0	
ategory 2: Price Responsive Programs						
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	
Demand Bidding Program (DBP)	\$170	\$0	\$0	\$0	\$170	\$1
AC Cycling : Summer Discount Plan (SDP)	\$0	\$0	\$0	\$0	\$0	
Save Power Day (SPD/PTR)	\$0	\$0	\$0	\$0	\$0	
ntegory 3: DR Provider/Aggregated Managed Programs						
AMP Contracts/DR Contracts (AMP)	\$0	\$0	\$0	\$0	\$0	
ategory 4: Emerging & Enabling Technologies						
Auto DR / Technology Incentives (AutoDR-TI)	\$9,962	\$0	\$0	\$0	\$9,962	
Emerging Markets & Technologies	\$0	\$0	\$0	\$0	\$0	
stegory 5: Pilots						
Smart Charging Pilot	\$0	\$0	\$0	\$0	\$0	
Workplace Charging Pilot	\$0	\$0	\$0	\$0	\$0	
ategory 6 : Evaluation, Measurement and Verification						
Measurement and Evaluation	\$0	\$0	\$0	\$0	\$0	
DR Research Studies (CPUC)	\$0	\$0	\$0	\$0	\$0	
tegory 7 : Marketing, Education & Outreach						
Circuit Savers Program <sup>(4)</sup>	\$312,258	Ć1 500	\$940	\$2,539	\$314,797	\$
DR Marketing, Education & Outreach	\$312,258	\$1,599 \$0	\$940 \$0	\$2,539 \$0	\$314,797 \$0	Ş
Statewide Marketing - Flex Alert	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$6,
Other Local Marketing	çõ	ψŪ	ΰÇ	ψŪ	φ¢	<i>90</i> ,
ntegory 9 : Integrated Programs and Activities (Including Technical Assistance) Integrated DSM Marketing	\$812,283	\$5,968	\$6,709	\$12,677	\$824,960	
Statewide IDSM	\$012,285	\$5,968	\$0,709	\$12,677	\$824,960 \$0	
DR Institutional Partnership	\$0 \$0	\$0	\$0 \$0	\$0	\$0	
DR Technology Resource Incubator Program (TRIO)	\$0	\$0	\$0 \$0	\$0	\$0	
DR Energy Leadership Partnership (ELP)	\$0	\$0	\$0	\$0	\$0	
Federal Power Reserve Partnership (FedPower)	\$0	\$0	\$0	\$0	\$0	
Technical Assistance (TA)	\$0	\$0	\$0	\$0	\$0	\$
Commercial New Construction	\$0	\$0	\$0	\$0	\$0	
		\$0	\$0	\$0	\$0	
IDSIVI TOOD PROCESSING PILOT	50					
IDSM food Processing Pilot Residential New Construction Pilot	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	

	Total 2015			20	015-2016 Fu	nding Cycle C	ustomer Con	munication	n, Marketing	, and Outr	each <sup>(2)</sup>					-to Date	2015-2016	2015-2016 Authorized
	Expenditures														Expe	2016 Inditures	Total Expenditures	Budget (i
Category 10 - Special Projects		January	February	March	April	May	June	July	August	Septer	nber Oc	tober	Novembe	r Decem	ber			Applicab
Permanent Load Shift	\$2,340	\$0	\$0													\$0	\$2,340	\$166,6
	\$2,340	ŞŬ	ŞŪ													ŞU	\$2,340	\$100,t
Category 11 - Dynamic Pricing																		
Critical Peak Pricing >=200kW (aka Summer Advantage Incentive)	\$0	\$0	\$0													\$0	\$0	
Real Time Pricing	\$0	\$0	\$0													\$0	\$0	
SUBTOTAL	\$1,185,637	\$11,205	\$12,883	\$0	\$0	\$0	\$0	Şi	0 9	\$0	\$ <b>0</b>	\$0	:	\$0	\$0	\$24,089	\$1,209,726	\$7,163,3
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING																		
AC Cycling : Summer Discount Plan (SDP)																		\$3,900,0
Customer Research	\$0	\$0	\$0													\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$780,484	\$955	\$151													\$1,106	\$781,590	
Labor	\$30,364	\$3,028	\$3,038													\$6,065	\$36,429	
Paid Media	\$0	\$0	\$0													\$0	\$0	
Other Costs	\$0	\$0	\$0													\$0	\$0	
Peak Time Rebate / Save Power Day (PTR)																		\$6,666,6
Customer Research	\$0	\$0	\$0													\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,254,360	\$0	\$7,012													\$7,012	\$1,261,372	
Labor	\$8,558	\$853	\$884													\$1,737	\$10,295	
Paid Media	\$0	\$0	\$0													\$0	\$0	
Other Costs	\$0	\$0	\$0													\$0	\$0	
Critical Peak Pricing < 200 kW (aka Summer Advantage Incentive)																		
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	\$O													\$0	\$0	
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$3,259,403	\$16,041	\$23,968	\$0	\$0	\$0	\$0	\$	0 ;	\$0	\$0	\$0	:	\$0	\$0	\$40,009	\$3,299,412	\$17,730,0
III. UTILITY MARKETING BY ITEMIZED COST																		
Customer Research	\$0	\$0	\$0													<b>\$0</b>	<b>\$0</b>	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$2,034,844	\$955	\$7,163													\$8,118	\$2,042,962	
Labor	\$38,922	\$3,881	\$3,922													\$7,802	\$46,724	
Paid Media	\$0	\$0	\$0													\$0	\$0	
Other Costs	\$0	\$0	\$0													\$0	\$0	
Total from Program, Rates & Activities that do not require itemized accounting	\$1,185,637	\$11,205	\$12,883													\$24,089	\$1,209,726	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$3,259,403	\$16,041	\$23,968	\$0	\$0	\$0	\$0	\$	0 ;	\$0	\$0	\$0	:	\$0	\$0	\$40,009	\$3,299,412	\$17,730,0
IV. UTILITY MARKETING BY CUSTOMER SEGMENT																		
Agricultural / Pumping	\$11,245	\$76	\$76													\$152	\$11,398	
Large Commercial and Industrial	\$140,665	\$908	\$918													\$1,826	\$142,490	
-	\$17,999	\$76	\$76													\$152	\$18,151	
Small and Medium Commercial		<i>γ</i> /0	<i>γ</i> /0													4152	910,131	
Small and Medium Commercial Residential <sup>(5)</sup>	\$3,040,871	\$11,343	\$17,663													\$29,006	\$3,069,878	

## 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 and 14-05-025, 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) Statewide marketing-Fiex Alert program recorded costs incurred in 2015 was included in DR monthly CPUC report starting April 2015 until the new CPUC report template particularly for Statewide ME&O balancing account is ready

## SCE Demand Response Programs and Activities 2015-2016 Customer Communication, Marketing and Outreach

				20	015-2016 Fund	ding Cycle Cu	istomer Comi	munication, I	Marketing, a	nd Outreach <sup>(2</sup>	2)			Year-to Date	2015-2016	2015-2016
	Total 2015 Expenditures	January	February	March	April	Мау	June	July	August	September	October	November	December	2016 Expenditures	Total Expenditures	Authorized Budget (if Applicable)
I. STATEWIDE MARKETING <sup>(2)(3)</sup>																
IOU Administrative Costs	\$48,623													\$0	\$48,623	
Statewide ME&O contract	\$0													\$0	\$0	
I. TOTAL STATEWIDE MARKETING	\$48,623	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,623	\$6,000,000

# II. UTILITY MARKETING BY ACTIVITY (1)

TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2017				\$17,730,000
PROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING				
Category 1: Reliability Programs		-		
Agricultural Pumping Interruptible (API)	\$0	\$0	\$0	
Base Interruptible Program (BIP)	\$0	\$0	\$0	
Optional Binding Mandatory Curtailment (OBMC)	\$0	\$0	\$0	
Rotating Outages (RO)	\$0	\$0	\$0	
Scheduled Load Reduction Program (SLRP)	\$0	\$0	\$0	
Category 2: Price Responsive Programs				
Capacity Bidding Program (CBP)	\$0	\$0	\$0	
Demand Bidding Program (DBP)	\$170	\$0	\$170	\$183,334
AC Cycling : Summer Discount Plan (SDP)	\$0	\$0	\$0	
Save Power Day (SPD/PTR)	\$0	\$0	\$0	
Category 3: DR Provider/Aggregated Managed Programs				
AMP Contracts/DR Contracts (AMP)	\$0	\$0	\$0	
Category 4: Emerging & Enabling Technologies				
Auto DR / Technology Incentives (AutoDR-TI)	\$9,962	\$0	\$9,962	
Emerging Markets & Technologies	\$0	\$0	\$0	
Category 5: Pilots				
Smart Charging Pilot	\$0	\$0	\$0	
Workplace Charging Pilot	\$0	\$0	\$0	
Category 6 : Evaluation, Measurement and Verification				
Measurement and Evaluation	\$0	\$0	\$0	
DR Research Studies (CPUC)	\$0	\$0	\$0	
Category 7 : Marketing, Education & Outreach				
Circuit Savers Program <sup>(4)</sup>	\$312,258	\$0	\$312,258	\$666,667
DR Marketing, Education & Outreach	\$0	\$0	\$0	
Statewide Marketing - Flex Alert	\$0	\$0	\$0	\$6,000,000
Other Local Marketing				
Category 9 : Integrated Programs and Activities (Including Technical Assistance)				
Integrated DSM Marketing	\$812,283	\$0	\$812,283	
Statewide IDSM	\$0	\$0	\$0	
DR Institutional Partnership	\$0	\$0	\$0	
DR Technology Resource Incubator Program (TRIO)	\$0	\$0	\$0	
DR Energy Leadership Partnership (ELP)	\$0	\$0	\$0	
Federal Power Reserve Partnership (FedPower)	\$0	\$0	\$0 ¢0	\$146 CC
Technical Assistance (TA)	\$0	\$0	\$0 \$0	\$146,667
Commercial New Construction	\$0	\$0	\$0	
IDSM food Processing Pilot	\$0	\$0	\$0 ¢0	
Residential New Construction Pilot	\$0 \$0	\$0 \$0	\$0 \$0	
Workforce Education & Training Smart Students (SmartStudents)	ŞU	ŞU	ŞU	

		2015-2016 Funding Cycle Customer Communication, Marketing, and Outreach <sup>(2)</sup>													2015-2016	2015-2016 Authorized
	Total 2015 Expenditures													2016	Total	Authorized Budget (if
	Experiarcares	January	February	March	April	May	June	July	August	September	r October	Novemb	er December	Expenditures	Expenditures	Applicable)
Category 10 - Special Projects																
Permanent Load Shift	\$2,340													\$0	\$2,340	\$166,667
Category 11 - Dynamic Pricing																
Critical Peak Pricing >=200kW (aka Summer Advantage Incentive)	\$0													\$0	\$0	
Real Time Pricing	\$0													\$0	\$0	
SUBTOTAL	\$1,185,637	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ş	0 \$	0	\$0	\$0 \$	\$0 \$0	\$1,185,637	\$7,163,334
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING																
AC Cycling : Summer Discount Plan (SDP)																\$3,900,000
Customer Research	\$0													\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$780,484													\$0	\$780,484	
Labor	\$30,364													\$0	\$30,364	
Paid Media	\$0													\$0	\$0	
Other Costs	\$0													\$0	\$0	
Peak Time Rebate / Save Power Day (PTR)																\$6,666,667
Customer Research	\$0													\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$1,254,360													\$0	\$1,254,360	
Labor	\$8,558													\$0	\$8,558	
Paid Media	\$0													\$0	\$0	
Other Costs	\$0													\$0	\$0	
Critical Peak Pricing < 200 kW (aka Summer Advantage Incentive)																\$0
Customer Research	\$0													\$0	\$0	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0													\$0	\$0	
Labor	\$0 \$0													\$0 \$0	\$0 \$0	
Paid Media Other Costs	\$0 \$0													\$0 \$0	\$0 \$0	
Other Costs	ŞU														ŞU	
II. TOTAL UTILITY MARKETING BY ACTIVITY	40.050.000															
	\$3,259,403	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ś	0 \$	0	\$0	\$0 \$	\$0 \$0	\$3,259,403	\$17,730,000
	\$3,259,403	\$0	\$0	\$0	\$0	\$0	\$0	\$ <b>0</b>	Ļ	0 \$	0	\$0	\$0 \$	0 \$0	\$3,259,403	\$17,730,000
III. UTILITY MARKETING BY ITEMIZED COST			\$0	\$0	\$0	\$0	\$0	\$0	Ş	0 \$	0	\$0	\$0 \$			\$17,730,000
	\$3,259,403 \$0 \$2,034,844	\$0 \$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	ţ	0 \$	0	\$0	\$0 \$	50 \$0 \$0 \$0 \$0 \$0	\$3,259,403 \$0 \$2,034,844	\$17,730,000
III. UTILITY MARKETING BY ITEMIZED COST Customer Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ţ	0 \$	0	\$0	\$0 \$	\$0	\$0	\$17,730,000
III. UTILITY MARKETING BY ITEMIZED COST Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0 \$2,034,844	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	ţ	0 \$	0	\$0	\$0 \$	\$0 \$0	\$0 \$2,034,844	\$17,730,000
III. UTILITY MARKETING BY ITEMIZED COST Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs) Labor	\$0 \$2,034,844 \$38,922	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	0 \$	0	\$0	\$0 \$	\$0 \$0 \$0	\$0 \$2,034,844 \$38,922	\$17,730,000
III. UTILITY MARKETING BY ITEMIZED COST Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs) Labor Paid Media Other Costs Total from Program, Rates & Activities that do not require itemized accounting	\$0 \$2,034,844 \$38,922 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0	\$0		\$0	\$0	\$0	ţ	0 \$	0	\$0	\$0 \$	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$2,034,844 \$38,922 \$0	\$17,730,000
III. UTILITY MARKETING BY ITEMIZED COST Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs) Labor Paid Media Other Costs	\$0 \$2,034,844 \$38,922 \$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 \$0 \$0	\$0 \$2,034,844 \$38,922 \$0 \$0 \$1,185,637	\$17,730,000 \$17,730,000 \$17,730,000
III. UTILITY MARKETING BY ITEMIZED COST Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs) Labor Paid Media Other Costs Total from Program, Rates & Activities that do not require itemized accounting III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$0 \$2,034,844 \$38,922 \$0 \$0 \$1,185,637	\$0 \$0 \$0 \$0 \$0 \$0 \$0				· · · · · · · · · · · · · · · · · · ·						·		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$2,034,844 \$38,922 \$0 \$0 \$1,185,637	
III. UTILITY MARKETING BY ITEMIZED COST Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs) Labor Paid Media Other Costs Total from Program, Rates & Activities that do not require itemized accounting III. TOTAL UTILITY MARKETING BY ITEMIZED COST IV. UTILITY MARKETING BY CUSTOMER SEGMENT	\$0 \$2,034,844 \$38,922 \$0 \$0 \$1,185,637	\$0 \$0 \$0 \$0 \$0 \$0 \$0 <b>\$0</b>				· · · · · · · · · · · · · · · · · · ·						·		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$2,034,844 \$38,922 \$0 \$0 \$1,185,637	
III. UTILITY MARKETING BY ITEMIZED COST Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs) Labor Paid Media Other Costs Total from Program, Rates & Activities that do not require itemized accounting III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$0 \$2,034,844 \$38,922 \$0 \$0 \$1,185,637 \$3,259,403	\$0 \$0 \$0 \$0 \$0 \$0 \$0				· · · · · · · · · · · · · · · · · · ·						·		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$2,034,844 \$38,922 \$0 \$1,185,637 \$3,259,403	
III. UTILITY MARKETING BY ITEMIZED COST           Customer Research           Collateral- Development, Printing, Distribution etc. (all non-labor costs)           Labor           Paid Media           Other Costs           Total from Program, Rates & Activities that do not require itemized accounting           III. TOTAL UTILITY MARKETING BY ITEMIZED COST           IV. UTILITY MARKETING BY CUSTOMER SEGMENT           Agricultural / Pumping           Large Commercial and Industrial	\$0 \$2,034,844 \$38,922 \$0 \$1,185,637 \$3,259,403 \$11,245 \$1140,665	\$0 \$0 \$0 \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0				· · · · · · · · · · · · · · · · · · ·						·		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$2,034,844 \$38,922 \$0 \$1,185,637 \$3,259,403 \$11,245 \$140,665	
III. UTILITY MARKETING BY ITEMIZED COST         Customer Research         Collateral- Development, Printing, Distribution etc. (all non-labor costs)         Labor         Paid Media         Other Costs         Total from Program, Rates & Activities that do not require itemized accounting         III. TOTAL UTILITY MARKETING BY ITEMIZED COST         IV. UTILITY MARKETING BY CUSTOMER SEGMENT         Agricultural / Pumping	\$0 \$2,034,844 \$38,922 \$0 \$1,185,637 \$3,259,403 \$11,245	\$0 \$0 \$0 \$0 \$0 <b>\$0</b> <b>\$0</b>				· · · · · · · · · · · · · · · · · · ·						·		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$2,034,844 \$38,922 \$0 \$1,185,637 \$3,259,403 \$11,245	

## 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 and 14-05-025, 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) Statewide marketing-Fiex Alert program recorded costs incurred in 2015 was included in DR monthly CPUC report starting April 2015 until the new CPUC report template particularly for Statewide ME&O balancing account is ready

#### Table I-2A SCE Demand Response Programs and Activities Fund Shifting 2015-2016

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 shall not 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 not eliminate a program through multiple fund shifting; The utilities shall shownit 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 ocument 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.

Category 3	Fund Shift \$4,000,000	Programs Impacted From Aggregator Managed Portfolio (AMP) Contracts to Demand	Date 5/19/2015	Rationale for Fundshift On April 20, 2015, SCE, PG&E, and SDG&E (collectively known as the "IOUs") filed
Category 3	\$4,000,000	Response Auction Mechanism (DRAM)	5/19/2015	Advice Letter (SCE AL 3208-E) to implement the DRAM pilot pursuant to Ordering Paragraph 5 of D.14-12-024. The DRAM will be a pay-as-bid auction of monthly
				system Resource Adequacy (RA) associated with a demand response product loca in the IOU's service area that will offer the product directly into the CAISO day-ah
				energy market. The IOUs note that the ability to shift funds to DRAM is limited by the unspent dollars from existing DR programs authorized by the Commission and
				shifting limits. Ordering Paragraph 5.d of D.14-12-024 states the following: Fund shifting in the 2015-2016 demand response approved bridge funding budge
				be allowed by Pacific Gas and Electric Company, San Diego Gas & Electric Compan and Southern California Edison Company (jointly, the Utilities) for the sole purpos
				funding the Demand Response Auction Mechanism pilot with the following cavea 1) The Utilities shall not eliminate any other approved demand response program
				order to fund the pilot without proper authorization from the Commission; and 2 The Utilities shall continue to submit a Tier Two Advice Letter before shifting mor
				that 50 percent of any one program's funds to the pilot. The IOUs propose limiting the overall expense in supporting the 2016 DRAM Pilot
				For PG&E and SCE, the proposed DRAM cost cap is \$4 Million each, and for SDG& is \$1 Million. The overall expense in supporting the 2016 DRAM pilot includes all
				administrative costs, scheduling coordinator costs, and capacity payments, but includes no costs related to the implementation of the Rule 24/32.
				While the Pilot costs, especially the portion due to Seller's bids and SC costs, is no known at this time, the IOUs provide the above cost caps as the non-binding cost
Category 9	\$100,000	From Upstream Auto-DR w/HVAC to RCx Initiative	11/30/2015	estimates for the 2016 DRAM Pilot. D-14-10-046 authorized \$143,750 to IDSM RCx pilot in 2015, based on 50% of the
				2013-2014 authorized budget. Increased customer interest from BCD in 2015 resu in additional outreach, coordination, and contractor training and materials.
				Additional costs resulted from customer energy audits and technical reviews. Fur shift is needed to meet these additional customer commitments.
Category 9	\$150,000	From Third Party Programs to Statewide IDSM	11/30/2015	In D.14-10-004 and D.14-10-046, the CPUC approved bridge funding for the conti efforts to support the IDSM policy compliance of the Energy Efficiency Statewide
				Force and associated DR IDSM programs for 2015. As increased efforts were initial in 2015 pursuant to D.14-10-046 for both DR and EE IDSM activities, also pursuan
Category 9	\$100.000	From Third Party Programs to Statewide IDSM	12/21/2015	D.14-01-004, additional funds are needed to meet the compliance requirements of the aforementioned decisions. In D.14-10-004 and D.14-10-046, the CPUC approved bridge funding for the conti
cucebory 5	9100,000		12, 51, 2015	efforts to support the IDSM policy compliance of the Energy Efficiency Statewide Force and associated DR IDSM programs for 2015. As increased efforts were initia
				in 2015 pursuant to D.14-10-046 for both DR and EE IDSM activities, also pursuar D.14-01-004, additional funds are needed to meet the compliance requirements
Category 3	\$6,000,000	From Aggregator Managed Portfolio (AMP) Contracts to Demand	1/31/2016	the aforementioned decisions. On January 28, 2016, Resolution E-4754 was approved. The resolution authorized
		Response Auction Mechanism (DRAM)		additional \$6M within the current authorized funds for DRAM. The DRAM will be pay-as-bid auction of monthly system Resource Adequacy (RA) associated with a
				demand response product located in the IOU's service area that will offer the pro directly into the CAISO day-ahead energy market. The IOUs note that the ability is
				shift funds to DRAM is limited by the unspent dollars from existing Dp programs authorized by the Commission and shifting limits. Ordering Paragraph 5.d of D.14
				024 states the following:
				Fund shifting in the 2015-2016 demand response approved bridge funding budge be allowed by Pacific Gas and Electric Company, San Diego Gas Electric Company
				and Southern California Edison Company (jointly, the Utilities) for the sole purpos funding the Demand Response Auction Mechanism pilot with the following cavea
				1) The Utilities shall not eliminate any other approved demand response program order to fund the pilot without proper authorization from the Commission; and 2
				The Utilities shall continue to submit a Tier Two Advice Letter before shifting more that 50 percent of any one program's funds to the pilot.
				The IOUs propose limiting the overall expense in supporting the 2016 DRAM Pilot For PG&E and SCE, the proposed DRAM cost cap is \$4 Million each, and for SDG&
				is \$1 Million. The overall expense in supporting the 2016 DRAM pilot includes all administrative costs, scheduling coordinator costs, and capacity payments, but
				includes no costs related to the implementation of the Rule 24/32. While the Pilot costs, especially the portion due to Seller's bids and SC costs, is no
				known at this time, the IOUs provide the above cost caps as the non-binding cost estimates for the 2016 DRAM Pilot.
Category 9	\$400,000	From Third Party Programs to Statewide IDSM	2/29/2016	In D.14-10-004 and D.14-10-046, the CPUC approved bridge funding for the conti efforts to support the IDSM policy compliance of the Energy Efficiency Statewide
				Force and associated DR IDSM programs for 2015. As increased efforts were initia in 2015 pursuant to D.14-10-046 for both DR and EE IDSM activities, also pursuant
				D.14-01-004, additional funds are needed to meet the compliance requirements

Notes:

## Table I-3 SCE Interruptible and Price Responsive Programs 2015 Event Summary

Category 2: Price Responsive Programs			Event Trigger <sup>(1)</sup>	Load Reduction MW <sup>(2) (3)</sup>	Area Called	Event Beginning - End <sup>(5)</sup>	Hours (Annual)
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
BP - Capacity Bidding Program - Day Of (1-4)	1	01/06/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 7:00 PM	2
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	2	01/07/16	Heat Rates	0.99 MW	SLAP_SCEVV,	5:00 PM - 7:00 PM	4
br - Capacity bluting Program - Day Of (1-4)	2	01/07/10	Hedi Ndles	0.33 10100		5.00 PIVI - 7.00 PIVI	4
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	3	01/08/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 7:00 PM	6
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	4	01/11/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 7:00 PM	8
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	5	01/12/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 7:00 PM	10
br - Capacity bluding Program - Day Of (1-4)	5	01/12/10	nedi ndles	0.99 10100		5.00 PIVI - 7.00 PIVI	10
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	6	01/13/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 6:00 PM	11
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	7	01/14/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 7:00 PM	13
		- , , -			i – – – – – – – – – – – – – – – – – – –		
					SLAP_SCEC, SLAP_SCEN,		
DD Conscitu Didding Drogram Day Of (1.4)	8	01/15/16	Heat Dates	0.99 MW	SLAP_SCEW,		14
CBP - Capacity Bidding Program - Day Of (1-4)	0	01/15/10	Heat Rates	0.99 10100	SLAP_SCHD, SLAP_SCLD	5:00 PM - 6:00 PM	14
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	9	01/20/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 6:00 PM	15
					SLAP_SCEC, SLAP_SCEN,		
					SLAP_SCEW,		
CBP - Capacity Bidding Program - Day Of (1-4)	10	01/22/16	Heat Rates	0.99 MW	SLAP SCHD, SLAP SCLD	5:00 PM - 6:00 PM	16
		- , , -					
					SLAP_SCEC, SLAP_SCEN,		
		04/25/46		0.00 1.01/	SLAP_SCEW,		47
CBP - Capacity Bidding Program - Day Of (1-4)	11	01/25/16	Heat Rates	0.99 MW	SLAP_SCHD, SLAP_SCLD	5:00 PM - 6:00 PM	17
CBP - Capacity Bidding Program - Day Of (1-4)	12	02/02/16	Heat Rates	1.6 MW	System Territory	6:00 PM - 7:00 PM	18
CBP - Capacity Bidding Program - Day Of (1-4)	13	02/03/16	Heat Rates	1.6 MW	System Territory	5:00 PM - 7:00 PM	20
CBP - Capacity Bidding Program - Day Of (1-4)	14 15	02/04/16	Heat Rates	0.5 MW 0.5 MW	SLAP_SCEW	6:00 PM - 7:00 PM	21 22
CBP - Capacity Bidding Program - Day Of (1-4)		02/08/16	Heat Rates		SLAP_SCEW	6:00 PM - 7:00 PM	
CBP - Capacity Bidding Program - Day Of (1-4)	16	02/09/16	Heat Rates	0.5 MW	SLAP_SCEW	6:00 PM - 7:00 PM	23
CBP - Capacity Bidding Program - Day Of (1-4)	17	02/10/16	Heat Rates	1.6 MW	System Territory	6:00 PM - 7:00 PM	24
					SLAP_SCEC, SLAP_SCEW,		1
CBP - Capacity Bidding Program - Day Of (1-4)	18	02/11/16	Heat Rates	1.3 MW	SLAP_SCHD, SLAP_SCLD	6:00 PM - 7:00 PM	25
CBP - Capacity Bidding Program - Day Of (1-4)	19	02/16/16	Heat Rates	0.5 MW	SLAP_SCEW	6:00 PM - 7:00 PM	26
					SLAP SCEC, SLAP SCEW,		1
CBP - Capacity Bidding Program - Day Of (1-4)	20	02/22/16	Heat Rates	1.3 MW	SLAP SCNW	6:00 PM - 7:00 PM	27
CBP - Capacity Bidding Program - Day Of (1-4)	20	02/23/16	Heat Rates	1.6 MW	System Territory	6:00 PM - 7:00 PM	28
CBP - Capacity Bidding Program - Day Of (1-4)	22	02/24/16	Heat Rates	1.6 MW	System Territory	6:00 PM - 7:00 PM	20
CBP - Capacity Bidding Program - Day Of (1-4)	23	02/25/16	Heat Rates	1.6 MW	System Territory	6:00 PM - 7:00 PM	30
CBP - Capacity Bidding Program - Day Of (1-4)	23	02/26/16	Heat Rates	0.5 MW	SLAP_SCEW	6:00 PM - 7:00 PM	31
CBP - Capacity Bidding Program - Day Of (1-4)	24	02/29/16	Heat Rates	1.6 MW	System Territory	5:00 PM - 7:00 PM	33

## Table I-3 SCE Interruptible and Price Responsive Programs 2015 Event Summary

Category 2: Price Responsive Programs							
SDP-R - Summer Discount Plan Residential	1	02/29/16	Energy Prices	0.0 MW	SLAP_SCEN, SLAP_SCNW	6:00 PM - 7:00 PM	1

Notes: