

Cal. P.U.C. Sheet No.

33213-E

Canceling

Revised Cal. P.U.C. Sheet No.

33019-E Sheet 1

#### SCHEDULE EECC

## **ELECTRIC ENERGY COMMODITY COST**

#### **APPLICABILITY**

Applicable to all customers who receive Utility Distribution Company (UDC) bundled service other than those customers taking service on EECC-TOU-DR-P, EECC-TOU-A-P, EECC-CPP-D, EECC-TOU-PA-P, EECC-CPP-D-AG and EECC-TBS. Time of Use periods are as defined in the corresponding UDC rate schedules.

#### **TERRITORY**

Applicable throughout the territory served by the Utility.

#### **RATES**

This schedule has two purposes: (1) billing UDC Bundled Service customers for commodity energy, which consists of Utility supplied electricity sold by SDG&E to its customers and Department of Water Resources (DWR) supplied electricity sold by DWR to SDG&E customers with SDG&E acting as billing agent; and (2) developing DWR and Utility Supplied Energy Percentage. The rate tables show EECC fixed billing rates for all retail rate schedules. The commodity rates do not include the DWR Bond Charge applicable under Schedule DWR-BC.

CPUC Decision (D.)17-01-006 and D.17-10-018 permit certain eligible behind-the-meter solar customers to continue billing under grandfathered time-of-use (TOU) period definitions for a specific period of time. Customer eligibility and applicable TOU periods, rates, and conditions for TOU Period Grandfathering are defined in Special Condition 5. All terms and conditions in this Schedule apply to TOU grandfathering customers unless otherwise specified.

#### **Commodity Rates**

Schedules DR, DM, DS, DT, DT-RV	<u>(\$/kWh)</u>	
Summer	0.13526	R
Winter	0.06897	R
Schedules DR-LI, and medical baseline customers		
Summer	0.13526	R
Winter	0.06897	R
Schedules E-LI (Non-Residential CARE) E-LI for Schedules TOU-A, TOU-A-2, TOU-A-3, TOU-M		
Summer	0.06716	R
Winter	0.04662	R
E-LI for Schedules AL-TOU, AL-TOU-2, DG-R	<u>(\$/kWh)</u>	
Summer	0.07416	R
Winter	0.05121	R

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**ELECTRIC ENERGY COMMODITY COST** 

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Sheet 2

# SCHEDULE EECC

RATES (Continued)
Commodity Rates (Continued)

Schedules	DR-TOU.	DR-TOU-CARE,	DR-TOU-MB

Off-Peak Energy: Above 130% of Baseline

Summer

On-Peak Energy: Up to 130% of Baseline 0.20079 R
On-Peak Energy: Above 130% of Baseline 0.20079 R
Off-Peak Energy: Up to 130% of Baseline 0.12433 R

Winter

On-Peak Energy: Up to 130% of Baseline 0.06471 R
On-Peak Energy: Above 130% of Baseline 0.06471 R
Off-Peak Energy: Up to 130% of Baseline 0.05845 R

Off-Peak Energy: Up to 130% of Baseline 0.05845
Off-Peak Energy: Above 130% of Baseline 0.05845

Schedule DR-SES, DR-SES-CARE, DR-SES-MB

R Summer: On-Peak Energy 0.31473 Summer: Off-Peak Energy R 0.10080 Summer: Super Off-Peak Energy R 0.05143 R Winter: On-Peak Energy 0.06839 R Winter: Off-Peak Energy 0.06069 R Winter: Super Off-Peak Energy 0.05216

Schedule EV-TOU (\$/kWh)

Summer

On-Peak Energy 0.31473 R
Off-Peak Energy 0.10080 R
Super Off-Peak Energy 0.05143 R
Winter

 Vinter
 0.06839
 R

 On-Peak Energy
 0.06069
 R

 Off-Peak Energy
 0.05216
 R

Schedule EV-TOU-2, EV-TOU-2-CARE, EV-TOU-2 MB (\$/kWh)

Summer

 On-Peak Energy
 0.31473
 R

 Off-Peak Energy
 0.10080
 R

 Super Off-Peak Energy
 0.05143
 R

 Winter
 0n-Peak Energy
 0.06839
 R

Off-Peak Energy 0.06069 R Super Off-Peak Energy 0.05216 R

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# **SCHEDULE EECC**

# **ELECTRIC ENERGY COMMODITY COST**

Rates (Continued) Commodity Rates (Continued)

Schedule EV-TOU-5, EV-TOU-5 CARE, EV-TOU-5 MB	(\$/kWh)	
Summer		_
On-Peak Energy	0.31473	R
Off-Peak Energy	0.10080	R
Super Off-Peak Energy	0.05143	R
Winter		
On-Peak Energy	0.06839	R
Off-Peak Energy	0.06069	R
Super Off-Peak Energy	0.05216	R
Schedule TOU-DR-1, TOU-DR-1-CARE, TOU-DR-1-MB Summer	(\$/kWh)	
On-Peak Energy	0.29050	R
Off-Peak Energy	0.09313	R
Super Off-Peak Energy	0.04751	R
Winter		
On-Peak Energy	0.07852	R
Off-Peak Energy	0.06969	R
Super Off-Peak Energy	0.05989	R
Schedule TOU-DR-2, TOU-DR-2-CARE, TOU-DR-2-MB Summer	(\$/kWh)	
On-Peak Energy	0.29050	R
Off-Peak Energy	0.07584	R
Winter		
On-Peak Energy	0.07852	R
Off-Peak Energy	0.06536	R
Schedule TOU-DR, TOU-DR-CARE, TOU-DR-MB Summer	(\$/kWh)	
On-Peak Energy	0.19473	R
Off-Peak Energy	0.14580	R
Super Off-Peak Energy	0.09735	R
Winter		
On-Peak Energy	0.06765	R
Off-Peak Energy_	0.06004	R
Super Off-Peak Energy	0.05160	R

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33022-E Sheet 4

# **SCHEDULE EECC**

# **ELECTRIC ENERGY COMMODITY COST**

<b>RATES</b>	(Continued)

Commodity Rates (Continued)

Schedule TOU-A	<u>(\$/kWh)</u>	
On-Peak Energy: Summer		
Secondary	0.20131	R
Primary	0.20030	R
Off-Peak Energy: Summer		
Secondary	0.10693	R
Primary	0.10640	R
On-Peak Energy: Winter	0.10040	1
Secondary	0.07116	R
Primary	0.07082	R
Off-Peak Energy: Winter		_
Secondary	0.05955	R
Primary	0.05932	R
Schedule TOU-Á-2		
On-Peak Energy - Summer		_
Secondary	0.25282	R
Primary Off-Peak Energy - Summer	0.25160	R
Secondary	0.00006	R
Primary	0.09906 0.09858	R
Super-Off Peak Energy - Summer	0.09030	IX
Secondary	0.05455	R
Primary	0.05430	R
On-Peak Énergy - Winter	0.00.00	
Secondary	0.07102	R
Primary	0.07069	R
Off-Peak Energy - Winter		
Secondary	0.06285	R
Primary	0.06259	R
Super-Off Peak Energy- Winter		-
Secondary	0.05357	R
Primary Schedule TOU-A-3	0.05340	R
On-Peak Energy - Summer		
Secondary	0.19952	R
•		
Primary Off-Peak Energy - Summer	0.19856	R
Secondary	0.40244	R
Primary	0.12341 0.12282	R
Super-Off Peak - Summer	0.12202	IX
Secondary	0.05427	R
Primary	0.05402	R
On-Peak Energy - Winter		
Secondary	0.07103	R
Primary	0.07070	R
Off-Peak Energy - Winter		
Secondary	0.06286	R
Primary	0.06260	R
Super-Off Peak - Winterr		_
Secondary Primary	0.05358	R
rilliary	0.05340	R

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ELECTRIC ENERGY COMMODITY COST			
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Commodity Rates (Continued)			
Schedule A-TC	<u>(\$/kWh)</u>	_	
Summer	0.06249	R	
Winter <u>Schedule TOU-M</u>	0.06249	R	
Summer			
On-Peak Energy	0.26079	R	
Off-Peak Energy	0.09993	R	
Super Off-Peak Energy	0.05629	R	
Winter			
On-Peak Energy	0.07098	R	
Off-Peak Energy	0.06282	R	
Super Off-Peak Energy	0.05356	R	
<u>Schedule OL-TOU</u> Summer			
On-Peak Energy	0.31990	R	
Off-Peak Energy	0.31990	R R	
Super Off-Peak Energy	0.06002	R	
Winter	0.00002		
On-Peak Energy	0.07981	R	
Off-Peak Energy	0.07083	R	
Super Off-Peak Energy	0.06087	R	
Schedule AL-TOU	<u>(\$/kW)</u>		
Maximum On-Peak Demand: Summer			
Secondary	9.78	R	
Primary	9.73	R	
Secondary Substation	9.78	R	
Primary Substation	9.73	R	
Transmission	9.32	R	
Maximum On-Peak Demand: Winter			
Secondary			
Primary			
Secondary Substation			
Primary Substation			
Transmission	(# /I-\A/I-\		
On-Peak Energy: Summer	(\$/kWh)	р	
Secondary	0.11957	R	
Primary	0.11899	R	
Secondary Substation	0.11957	R	
Primary Substation	0.11899	R	
Transmission	0.11388	R	
Off-Peak Energy: Summer			
Secondary	0.10008	R	
Primary	0.09962	R	
Secondary Substation	0.10008	R	
Primary Substation	0.09962	R	
Transmission	0.09538	R	
Super Off-Peak Energy: Summer			
Secondary	0.07487	R	
Primary	0.07462	R	
Secondary Substation	0.07487	R	
Primary Substation	0.07462	R	
Transmission	0.07161	R	
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#### SCHEDULE EECC

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## **ELECTRIC ENERGY COMMODITY COST**

RATES (Continued)
Commodity Rates (Continued)

Schedule AL-TOU - (Continued)

On-Peak Energy: Winter Secondary Primary Secondary Substation **Primary Substation** 

Transmission Off-Peak Energy: Winter Secondary Primary

Secondary Substation **Primary Substation** Transmission

Super Off-Peak Energy: Winter Secondary Primary Secondary Substation

**Primary Substation** Transmission Schedule AL-TOU-2

Maximum On-Peak Demand - Summer Secondary

Primary Secondary Substation **Primary Substation** 

Transmission Maximum On-Peak Demand: Winter Secondary

Primary Secondary Substation **Primary Substation** Transmission

On-Peak Energy: Summer Secondary

Primary Secondary Substation **Primary Substation** 

Transmission Off-Peak Energy - Summer

Transmission

Secondary Primary Secondary Substation **Primary Substation** 

0.09955 0.09910 0.09955

0.09910 0.09492

R 0.08835 0.08799 R 0.08835 R R 0.08799 0.08437 R

0.07594 R 0.07569 R

0.07594 R 0.07569 R 0.07264 R

(\$/kW)

R

R

R

R

R

R

R

R R

R

16.92 R 16.84 16.92 16.84

R 16.11 R (\$/kW)

0.00 0.00 0.00 0.00

0.00 (\$/kWh) 0.10930 R R

0.10877 0.10930 0.10877 0.10410

0.09156 0.09114

0.09156 0.09114 0.08726

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# **ELECTRIC ENERGY COMMODITY COST**

RATES (	Continued)	
	ity Rates (Continued)	

Schedule AL-TOU-2 (Continued)

<u>Chedule AL-100-2</u> (Continued)		
Super Off-Peak Energy: Summer	<u>(\$/kWh)</u>	
Secondary	0.06790	R
Primary	0.06767	R
Secondary Substation	0.06790	R
Primary Substation	0.06767	R
Transmission	0.06494	R
On-Peak Energy: Winter		
Secondary	0.09028	R
Primary	0.08987	R
Secondary Substation	0.09028	R
Primary Substation	0.08987	R
Transmission	0.08608	R
Off-Peak Energy: Winter		
Secondary	0.08012	R
Primary	0.07979	R
Secondary Substation	0.08012	R
Primary Substation	0.07979	R
Transmission	0.07651	R
Super Off-Peak Energy: Winter		
Secondary	0.06887	R
Primary	0.06864	R
Secondary Substation	0.06887	R
Primary Substation	0.06864	R
Transmission	0.06587	R

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**SCHEDULE EECC** 

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# **ELECTRIC ENERGY COMMODITY COST**

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RATES (Continued)	
Commodity Rates (Continued)	

<u>s</u> (Continued)		
Schedule DG-R	<u>(\$/kWh)</u>	
On-Peak Energy: Summer		
Secondary	0.31819	R
Primary	0.31772	R
Secondary Substation	0.31819	R
Primary Substation	0.31772	R
Transmission	0.31354	R
Off-Peak Energy: Summer		
Secondary	0.16574	R
Primary	0.16521	R
Secondary Substation	0.16574	R
Primary Substation	0.16521	R
Transmission	0.16034	R
Super Off-Peak Energy: Summer		
Secondary	0.10615	R
Primary	0.10595	R
Secondary Substation	0.10615	R
Primary Substation	0.10595	R
Transmission	0.10353	R
On-Peak Energy: Winter		
Secondary	0.07980	R
Primary	0.07943	R
Secondary Substation	0.07980	R
Primary Substation	0.07943	R
Transmission	0.07609	R
Off-Peak Energy: Winter		
Secondary	0.07082	R
Primary	0.07053	R
Secondary Substation	0.07082	R
Primary Substation	0.07053	R
Transmission	0.06763	R
Super Off-Peak Energy: Winter		
Secondary	0.06087	R
Primary	0.06067	R
Secondary Substation	0.06087	R
Primary SubstationR	0.06067	R
Transmission	0.05822	R
Schedule GIR	<u>(\$/kWh)</u>	
Energy Charge	0.03813	R
Schedule VGI	<u>(\$/kWh)</u>	

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**Energy Charge** 

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## **SCHEDULE EECC**

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## **ELECTRIC ENERGY COMMODITY COST**

Continued)		
ty Rates (Continued)		
Schedule A6-TOU	(\$/kW)	
Maximum Demand at Time of System Peak: Summer	<del></del>	
Primary	9.73	R
Primary Substation	9.73	R
Transmission	9.32	R
Maximum Demand at Time of System Peak: Winter		
Primary	0.00	
Primary Substation	0.00	
Transmission	0.00	
On-Peak Energy: Summer	<u>(\$/kWh)</u>	
Primary	0.11899	R
Primary Substation	0.11899	R
Transmission	0.11388	R
Off-Peak Energy: Summer		
Primary	0.09962	R
Primary Substation	0.09962	R
Transmission	0.09538	R
Super Off-Peak Energy: Summer		
Primary	0.07462	R
Primary Substation	0.07462	R
Transmission	0.07161	R
On-Peak Energy: Winter		
Primary	0.09910	R
Primary Substation	0.09910	R
Transmission	0.09492	R
Off-Peak Energy: Winter		
Primary	0.08799	R
Primary Substation	0.08799	R
Transmission	0.08437	D

 Transmission
 0.08437
 R

 Super Off-Peak Energy: Winter
 0.07569
 R

 Primary Substation
 0.07569
 R

 Transmission
 0.07264
 R

 Schedule TOU-PA < 20 kW</th>
 (\$/kW)

 On Peak Demand
 0.00

 On-Peak Energy - Summer
 (\$/kWh)

 Secondary
 0.15021
 R

 Primary
 0.14946
 R

 Off-Peak Energy - Summer
 Secondary
 0.08297
 R

Primary

 On-Peak Energy - Winter
 0.05635
 R

 Secondary
 0.05608
 R

 Primary
 0.05608
 R

 Off-Peak Energy - Winter
 0.04568
 R

 Secondary
 0.04551
 R

 Primary
 0.04551
 R

0.08255

R

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### **SCHEDULE EECC**

#### **ELECTRIC ENERGY COMMODITY COST**

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Commodity Rates (Continued)

Schedule TOU-PÁ-2 ≥ 20 kW

On Peak Demand

Summer

Secondary 7.15 R
Primary 7.11 R
Winter

Secondary 0.00 Primary 0.00

Summer

On-Peak Energy

Secondary 0.07534 R
Primary 0.07500 R
Off-Peak Energy

 Secondary
 0.06242
 R

 Primary
 0.06213
 R

Super Off-Peak Energy
Secondary
0.04933
Primary
0.04909

Winter

On-Peak Energy
Secondary
0.06556
R

Primary 0.06526 R
Off-Peak Energy
Secondary 0.05818 R

Primary 0.05794 R
Super Off-Peak Energy
Secondary 0.05000 R

Primary 0.04984 <u>Schedule TOU-PA-3 <20kW</u> (\$/kW)

On Peak Demand

Summer
Secondary 0.00
Primary 0.00
Winter

Secondary 0.00 Primary 0.00

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# **ELECTRIC ENERGY COMMODITY COST**

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Commodity	Datas	(Continued)
Communication	Nates	(Continued)

dity Rates (Continued)		
Schedule TOU-PA-3 <20kW	<u>(\$/kWh)</u>	
Summer		
On-Peak Energy		
Secondary	0.17277	R
Primary	0.17194	R
Off-Peak Energy		
Secondary	0.08917	R
Primary	0.08874	R
Super-Off Peak Energy		
Secondary	0.04456	R
Primary	0.04434	R
Winter		
On-Peak Energy		
Secondary	0.05531	R
Primary	0.05506	R
Off-Peak Energy		• • •
Secondary	0.04909	R
Primary	0.04889	R
Super-Off Peak Energy		
Secondary	0.04219	R
Primary	0.04205	R
> 20 kW	(\$/kW)	
On-Peak Demand Charge: Summer	(WIKVV)	
Secondary	1.76	R
Primary	1.75	R
On-Peak Demand Charge: Winter	1.10	1
Secondary		
Primary		
Summer	<u>(\$/kWh)</u>	
On-Peak Energy	(Ψ/ΚΨΤΙ)	
Secondary	0.11847	R
Primary	0.11792	R
Off-Peak Energy	0.11702	1
Secondary	0.09523	R
Primary	0.09478	R
Super-Off Peak Energy	0.00470	IX
Secondary	0.03779	R
Primary	0.03761	R
Winter	0.00701	IX
On-Peak Energy		
Secondary	0.06599	R
Primary	0.06568	R
Off-Peak Energy	0.00300	K
Secondary	0.05056	В
	0.05856	R
Primary	0.05832	R
Super-Off Peak Energy	0.05000	В
Secondary	0.05033	R
Primary	0.05016	R

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# **SCHEDULE EECC**

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# **ELECTRIC ENERGY COMMODITY COST**

Schedule PA-T-1		
Demand: On-Peak Summer	(\$/kW)	
Secondary	3.99	R
Primary	3.97	R
Transmission	3.80	R
Demand: On-Peak: Winter		
Secondary	0.00	
Primary	0.00	
Transmission	0.00	
On Peak Energy: Summer	(\$/kWh)	
Secondary	0.08262	R
Primary	0.08223	R
Transmission	0.07870	R
Off-Peak Energy: Summer		
Secondary	0.06879	R
Primary	0.06847	R
Transmission	0.06556	R
Super Off-Peak Energy: Summer		
Secondary	0.05503	R
Primary	0.05484	R
Transmission	0.05263	R
On-Peak Energy: Winter		
Secondary	0.07317	R
Primary	0.07283	R
Transmission	0.06977	R
Off-Peak Energy: Winter		
Secondary	0.06494	R
Primary -	0.06467	R
Transmission	0.06201	R
Super Off-Peak Energy: Winter		_
Secondary	0.05581	R
Primary	0.05562	R
Transmission	0.05338	R
Schedules LS-1, LS-2, LS-3, OL-1, DWL and LS-2 DS		-
All Usage	0.06452	R
Schedule OL-2 All Usage	0.07000	В
Schedule LS-2 AD	0.07336	R
Summer		
On-Peak Energy	0.19952	R
Off-Peak Energy	0.19952	R
Super Off-Peak Energy	0.12341	R
Winter	0.05427	K
On-Peak Energy	0.07103	R
Off-Peak Energy	0.07103	R
Super Off-Peak Energy	0.05358	R
Super Sil-i can Energy	0.05356	r.

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#### Sheet 13

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#### SCHEDULE EECC

# ELECTRIC ENERGY COMMODITY COST

#### **DWR Power Charge**

Pursuant to CPUC Decision 18-11-040, DWR's Power Charge is \$0.000 cents per kWh.

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#### **DWR Customer Return Credit**

Pursuant to CPUC Decision 13-01-037 and Decision 18-11-040, DWR's Customer Return Credit is \$(0.00003) cents per kWh.

#### Franchise Fees

A Franchise Fee Differential of 5.78% will be applied to the total bills calculated under this schedule, including DWR charges, for all customers residing within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

Franchise Fees associated with DWR electricity sales will be reflected in a separate line item on customer bills titled "Franchise Fees for Electric Energy Supplied by Others".

#### Seasonal Periods

The seasonal periods are defined as the following:

All Customer Classes:

Summer: June 1 – October 31 Winter: November 1 – May 31

#### Distribution Loss Factors (DLFs)

The DLF<sub>TLL</sub> for each voltage level includes a factor for lost and unaccounted for energy. DLF<sub>TLL</sub> will be calculated by the utility based on the forecast hourly SDG&E UDC Service Area Load (Direct Access, plus UDC customers, including the Hourly EECC Rate Option Service) per Decision 97-08-056, as modified by Decision 97-11-026. The hourly DLF<sub>TLL</sub> will be broken out by service voltage level and made available each day to market participants during the day-ahead market. The utility will calculate the hourly DLF<sub>TLL</sub> by applying the following formulae:

#### a. Secondary Voltage Class Customers

DLF<sub>DLL</sub> = 1 + [Losses/Load] DLF<sub>TLL</sub> = 1.0065 x DLF<sub>DLL</sub>

Where: Losses =  $[0.0000090935 \times (SysLoad)^2] + 27.21$ 

Load =  $-[0.00000804463 \times (SysLoad)^{2}]+[0.8586372 \times SysLoad] -24.0524567$ 

SysLoad = SDG&E system load during hourly period in MW.

#### b. **Primary Voltage Class Customers**

DLF<sub>DLL</sub> = 1 + (Losses/Load) DLF<sub>TLL</sub> = 1.0065 x DLF<sub>DLL</sub>

Where: Losses =  $[0.0000001523524 \times (SysLoad)^2] + 0.427367656$ 

Load =  $-[0.000001181634 \times (SysLoad)^2] + [0.12612 \times SysLoad] - 3.533$ 

SysLoad = SDG&E system load during hourly period in MW.

#### c. Primary at Substation Voltage Class Customers

 $DLF_{DLL} = 1 + (Losses/Load)$  $DLF_{TLL} = 1.0065 \times DLF_{DLL}$ 

Where: Losses =  $[0.000000000009798 \times (SysLoad)^2] + 0.007089$ 

Load =  $-[0.0000000196 \times (SysLoad)^2] + [0.002092 \times SysLoad] - .0586$ 

SysLoad = SDG&E system load during hourly period in MW.

#### d. <u>Transmission Voltage Class Customers</u>

 $DLF_{DLL} = 1 + (Losses/Load) = 1$ 

 $DLF_{TLL} = 1.0065 \times DLF_{DLL} = 1.0065$ 

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Canceling Revised

Cal. P.U.C. Sheet No.

30587-E Sheet 14

#### SCHEDULE EECC

#### **ELECTRIC ENERGY COMMODITY COST**

# DEVELOPMENT OF DWR AND UTILITY SUPPLIED ENERGY PERCENTAGES

#### 1. Development of DWR Supplied Energy Percentages

Hourly DWR supplied energy percentages are determined by dividing DWR purchases for that hour by the total MWH scheduled in all forward markets and an estimate for real time purchases for that hour. The rate group average DWR supplied energy percentages for the billing period is determined by calculating an average of hourly DWR supplied energy percentage weighted by the utility's class hourly statistical or dynamic load profile for the applicable rate group identified in Section 4 below. The rate by consumption type categories identified in Section 4 below will be used to determine the average DWR supplied energy percentages. The average DWR supplied energy percentages are calculated on a weekly basis using all calendar weeks from the time of the customer's previous billing through the calendar week prior to the current billing. For purposes of this calculation, calendar week shall be defined as the seven day period beginning on Wednesday and ending on the following Tuesday. The average DWR supplied energy percentages are calculated each Sunday and are utilized for all billing executed through the following Saturday.

#### Development of Utility Supplied Energy Percentages 2.

The Utility supplied energy percentage for a billing period is calculated by subtracting the DWR supplied energy percentage from 100%.

#### 3. Summary of Class Load Profile Categories and Associated Rate Schedules

Class Load Profile	Rate Category	Associated Rate Schedules
Residential:	Residential Non-Time-of-Use	DR, DM, DS, DT, DT-RV
	Residential Time-of-Use	DR-TOU, TOU-DR, DR-SES, TOU- DR1, TOU-DR2
	Electric Vehicle Time-of-Use	EV-TOU
	Electric Vehicle & Household TOU	EV-TOU-2, EV-TOU-5
Small Commercial:	Small Commercial Non-Time-Of-Use	A-TC, UM
	Small Commercial Time-Of-Use	TOU-A; TOU-A2, TOU-A3, TOU-M
Medium/Large Commercial/ Industrial ( <or=500 kw):<="" td=""><td>Medium/Large Commercial/Industrial</td><td>AL-TOU, AL-TOU2, DG-R, OL-TOU A6-TOU, VGI, S</td></or=500>	Medium/Large Commercial/Industrial	AL-TOU, AL-TOU2, DG-R, OL-TOU A6-TOU, VGI, S
Agricultural:	Agricultural Non-Time-of-Use	PA-T-1
	Agricultural Time-of-Use	TOU-PA, TOU-PA2, TOU-PA3
Lighting:	Lighting	LS-1, LS-2, LS-3, LS-2DS, LS-2AD, OL-1, OL-2, DWL

(Continued)

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Cal. P.U.C. Sheet No.

29427-E Sheet 15

# **SCHEDULE EECC**

## **ELECTRIC ENERGY COMMODITY COST**

# **DEVELOPMENT OF DWR AND UTILITY SUPPLIED ENERGY PERCENTAGES** (Continued)

#### 4. Summary of Average Supplied Energy Percentages Categories

Category	Consumption Type		Number of Percentages
Residential	Total	at 1 Voltage	1
Residential TOU	On-peak, off-peak, super off-peak	at 1 Voltage	3
Electric Vehicle TOU	On-peak, off-peak, super off-peak	at 1 Voltage	3
Electric Vehicle & Household TOU	On-peak, off-peak, super off-peak	at 1 Voltage	3
Small Commercial	Total	at 2 Voltage	2
Small Commercial TOU	On-peak, off-peak, super off-peak	at 2 Voltage	6
Medium Commercial/Industrial < 500 kW	On-peak, off-peak, super off-peak	at 4 Voltage	12
Medium Commercial/Industrial < 500 kW AV Rate	Off-peak (include signal periods), Super off-peak	at 4 Voltage	8
Large Commercial/Industrial > 500 kW	On-peak, off-peak, super off-peak	at 4 Voltage	12
Large Commercial/Industrial > 500 kW AV Rate	Off-peak (include signal periods), Super off-peak	at 4 Voltage	8
Schedule A6-TOU	On-peak, off-peak, super off-peak	at 3 Voltage	9
Agricultural	Total	at 1 Voltage	1
Agricultural TOU	On-peak, off-peak, super off-peak	at 3 Voltage	9
Lighting	Total	at 1 Voltage	1
		Total	80

Eighty percentages will be determined for each of the 9 billing period options (4-week period up to a 12week period).

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30589-E

Canceling Original

Cal. P.U.C. Sheet No.

29428-E Sheet 16

### SCHEDULE EECC

## **ELECTRIC ENERGY COMMODITY COST**

#### SPECIAL CONDITIONS

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- Definitions. The definitions of principle terms used in this schedule are found either herein or in 1. Rule 1, Definitions.
- 2. Service Restrictions. Service under this schedule is restricted to the entire load served by single meters. The electric load of a single meter may not be partitioned among services rendered under this schedule and services rendered by a non-utility party under Direct Access or Community Choice Aggregation (CCA).
- 3. <u>Terms of Service</u>: A customer receiving optional service under this Schedule may elect to change to another applicable rate schedule, but only after receiving service on this Schedule for at least 12 consecutive months, except as specified in SC 4. If a customer elects to discontinue service on this Schedule, the customer will not be permitted to return to this Schedule for a period of one year, unless returning to service from a Direct Access Provider or a Community Choice Aggregator (CCA) in less than one year.
- Early Termination: An eligible customer may elect to take commodity from a Direct Access provider 4. or from a CCA during its Term of Service granted it has complied with all other applicable tariff requirements, including, but not limited to the terms and conditions set forth in Rules 25.1 and 27, respectively.
- 5. TOU Period Grandfathering: Pursuant to D.17-01-006 and D.17-10-018 TOU Period Grandfathering permits certain eligible behind-the-meter solar customers to continue billing under grandfathered TOU period definitions after new TOU Periods are implemented, for a specific period of time.

TOU Period Grandfathering Eligible Customer Generator (Non-Residential): a non-residential customer with an on-site solar system, who has filed an initial interconnection application by January 31, 2017. The on-site solar system must be designed to offset at least 15% of the customer's current annual load. For Public Agency customers, defined here as public schools, colleges and universities; federal, state, county and city government agencies; municipal utilities; public water and/or sanitation agencies; and joint powers authorities, the non-residential account must have filed an initial interconnection application by December 31, 2017.

TOU Period Grandfathering Term (Non-Residential): Upon SDG&E's implementation of updated TOU periods adopted in D.17-08-030, TOU Grandfathering Eligible Customer Generators will continue to be billed under prior existing TOU periods and resulting rates for the remainder of their applicable TOU Grandfathering Term, which begins upon issuance of a permission to operate customer's on-site solar system and continues for 10 years. In no event shall the duration a customer's grandfathering term extend beyond July 31, 2027 (December 31, 2027 for schools). Upon expiration of a customer's TOU Period Grandfathering Term, the customer will be billed using his otherwise applicable TOU periods and associated rates beginning with the customer's next billing cycle.

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33031-E

SCHEDULE EECC
<b>ELECTRIC ENERGY COMMODITY COST</b>

Sheet 17

## RATES:

**TOU Grandfathering Commodity Rates** 

Schedule DR-SES	(\$/kWh)	
Summer: On-Peak Energy	0.26265	R
Summer: Semi-Peak Energy	0.26264	R
Summer: Off-Peak Energy	0.08682	R
Winter: Semi-Peak Energy	0.08176	R
Winter: Off-Peak Energy	0.07684	R

# Schedule EV-TOU

Summer		
On-Peak Energy	0.23010	R
Off-Peak Energy	0.21691	R
Super Off-Peak Energy	0.06169	R
Winter		
On-Peak Energy	0.07393	R
Off-Peak Energy	0.06856	R
Super Off-Peak Energy	0.06088	R

# Schedi

lule EV-TOU- 2, EV-TOU-2-CARE, EV-TOU-2-MB		
Summer		
On-Peak Energy	0.22718	R
Off-Peak Energy	0.20140	R
Super Off-Peak Energy	0.06169	R
Winter		
On-Peak Energy	0.07125	R
Off-Peak Energy	0.07062	R
Super Off-Peak Energy	0.06088	R

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33226-E 33032-E

**SCHEDULE EECC** 

Sheet 18

# **ELECTRIC ENERGY COMMODITY COST**

RATES: (Continued)

TOU Grandfathering Commodity Rates (Continued)

Schedule TOU-DR, TOU-DR-CARE,	<u>(\$/kWh)</u>	
TOU-DR-MB Summer		
On-Peak Energy	0.22505	R
Semi-Peak Energy	0.22595 0.14809	R
Off-Peak Energy	0.11296	R
Winter	0.11200	
On-Peak Energy	0.07394	R
Semi-Peak Energy	0.06281	R
Off-Peak Energy	0.05604	R
Schedule TOU-M		
Summer		
On-Peak Energy	0.17827	R
Semi-Peak Energy	0.16704	R
Off-Peak Energy	0.06379	R
Winter On-Peak Energy	0.07000	R
Semi-Peak Energy	0.07838 0.06661	R
Off-Peak Energy	0.05881	R
Schedule OL-TOU	0.03001	IX
Summer		
On-Peak Energy	0.21870	R
Semi-Peak Energy	0.20021	R
Off-Peak Energy	0.07364	R
Winter		
On-Peak Energy	0.08685	R
Semi-Peak Energy	0.07378	R
Off-Peak Energy	0.06583	R
Schedule TOU-A		
On-Peak Energy: Summer		
Secondary	0.21017	R
Primary	0.20907	R
Semi-Peak Energy: Summer		
Secondary	0.12400	R
Primary	0.12336	R
Off-Peak Energy: Summer		
Secondary	0.05714	R
Primary	0.05684	R
On-Peak Energy: Winter		
Secondary	0.07625	R
Primary	0.07588	R
Semi-Peak Energy: Winter	0.07300	1
Secondary	0.06482	R
•		
Primary	0.06453	R
Off-Peak Energy: Winter		-
Secondary	0.05720	R
Primary	0.05701	R

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33227-E 33033-E

# **SCHEDULE EECC**

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Sheet 19

# **ELECTRIC ENERGY COMMODITY COST**

RATES: (Continued)

TOU Grandfathering Commodity Rates (Continued)

Schedule AL-TOU	<u>(\$/kW)</u>	
Maximum On-Peak Demand: Summer		
Secondary	5.80	R
Primary	5.77	R
Secondary Substation	5.80	R
Primary Substation	5.77	R
Transmission	5.51	R
Maximum On-Peak Demand: Winter		
Secondary	0.00	
Primary	0.00	
Secondary Substation Primary Substation	0.00	
Transmission	0.00 0.00	
On-Peak Energy: Summer	<u>(\$/kWh)</u>	
Secondary	0.11701	R
Primary	0.11639	R
Secondary Substation	0.11701	R
Primary Substation	0.11639	R
Transmission	0.11123	R
Semi-Peak Energy: Summer	020	• • •
Secondary	0.11103	R
Primary	0.11050	R
Secondary Substation	0.11103	R
Primary Substation	0.11050	R
Transmission	0.10580	R
Off-Peak Energy: Summer		
Secondary	0.08603	R
Primary	0.08572	R
Secondary Substation	0.08603	R
Primary Substation	0.08572	R
Transmission	0.08224	R
On-Peak Energy: Winter		
Secondary	0.11084	R
Primary	0.11030	R
Secondary Substation	0.11084	R
Primary Substation	0.11030	R
Transmission	0.10558	R
Semi-Peak Energy: Winter		
Secondary	0.09416	R
Primary	0.09375	R
Secondary Substation	0.09416	R
Primary Substation	0.09375	R
Transmission	0.08985	R

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SCHEDULE EECC

Canceling Revised Cal. P.U.C. Sheet No.

# ELECTRIC ENERGY COMMODITY COST

RATES: (Continued)

TOU Grandfathering Commodity Rates (Continued)

Schedule AL-TOU (Continued)	(\$/kWh)	
Off-Peak Energy: Winter	<del></del>	
Secondary	0.08402	R
Primary	0.08373	R
Secondary Substation	0.08402	R
Primary Substation	0.08373	R
Transmission	0.08036	R
Schedule DG-R		
On-Peak Energy: Summer		
Secondary	0.22419	R
Primary	0.22368	R
Secondary Substation	0.22419	R
Primary Substation	0.22368	R
Transmission	0.21939	R
Semi-Peak Energy: Summer		
Secondary	0.20886	R
Primary	0.20836	R
Secondary Substation	0.20886	R
Primary Substation	0.20836	R
Transmission	0.20412	R
Off-Peak Energy: Summer		
Secondary	0.10467	R
Primary	0.10440	R
Secondary Substation	0.10467	R
Primary Substation	0.10440	R
Transmission	0.10130	R
On-Peak Energy: Winter		
Secondary	0.09040	R
Primary	0.08996	R
Secondary Substation	0.09040	R
Primary Substation	0.08996	R
Transmission	0.08611	R
Semi-Peak Energy: Winter		
Secondary	0.07680	R
Primary	0.07646	R
Secondary Substation	0.07680	R
Primary Substation	0.07646	R
Transmission	0.07328	R
Off-Peak Energy: Winter		
Secondary	0.06852	R
Primary	0.06829	R
Secondary Substation	0.06852	R
Primary Substation	0.06829	R
Transmission	0.06554	R

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33035-E

# **SCHEDULE EECC**

Sheet 21

# **ELECTRIC ENERGY COMMODITY COST**

RATES: (Continued)

TOU Grandfathering Commodity Rates (Continued)

Schedule A6-TOU	(\$/kW)	
Maximum Demand at Time of System Peak: Summer		
Primary	5.77	R
Primary Substation	5.77	R
Transmission	5.51	R
Maximum Demand at Time of System Peak: Winter		
Primary	0.00	
Primary Substation	0.00	
Transmission	0.00	
On-Peak Energy: Summer	<u>(\$/kWh)</u>	
Primary	0.11639	R
Primary Substation	0.11639	R
Transmission	0.11123	R
Semi-Peak Energy: Summer		
Primary	0.11050	R
Primary Substation	0.11050	R
Transmission	0.10580	R
Off-Peak Energy: Summer		
Primary	0.08572	R
Primary Substation	0.08572	R
Transmission	0.08224	R
On-Peak Energy: Winter		
Primary	0.11030	R
Primary Substation	0.11030	R
Transmission	0.10558	R
Semi-Peak Energy: Winter		
Primary	0.09375	R
Primary Substation	0.09375	R
Transmission	0.08985	R
Off-Peak Energy: Winter		
Primary	0.08373	R
Primary Substation	0.08373	R
Transmission	0.08036	R

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# **SCHEDULE EECC**

Sheet 22

# **ELECTRIC ENERGY COMMODITY COST**

RATES: (Continued)
TOU Grandfathering Commodity Rates (Continued)

Schedule PA-T-1	(\$/kW)	
Demand: On-Peak Summer	<del>\</del>	
Secondary	2.06	R
Primary	2.05	R
Transmission	1.96	R
Demand: On-Peak: Winter		
Secondary	0.00	
Primary	0.00	
Transmission	0.00	
On Peak Energy: Summer	(\$/kWh)	
Secondary	0.08094	R
Primary	0.08051	R
Transmission	0.07694	R
Semi-Peak Energy: Summer	0.07054	1
Secondary	0.07705	R
Primary	0.07669	R
Transmission	0.07343	R
Off-Peak Energy: Summer	0.01040	
Secondary	0.06378	R
Primary	0.06355	R
Transmission	0.06097	R
On-Peak Energy: Winter	0.00001	
Secondary	0.08218	R
Primary	0.08179	R
Transmission	0.07828	R
Semi-Peak Energy: Winter		
Secondary	0.06982	R
Primary	0.06951	R
Transmission	0.06662	R
Off-Peak Energy: Winter		
Secondary	0.06229	R
Primary	0.06208	R
Transmission	0.05957	R
Schedule TOU-PA < 20 kW		
On Peak Demand	(\$/kW)	
Summer	, ,	
Secondary	0.00	
Primary	0.00	
Winter		
Secondary	0.00	
Primary	0.00	
On-Peak Energy: Summer	<u>(\$/kWh)</u>	
Secondary	0.19016	R
Primary	0.18916	R
Semi-Peak Energy: Summer		
Secondary	0.08935	R
Primary	0.08888	R

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33231-E

San Diego, California

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Cal. P.U.C. Sheet No.

33037-E Sheet 23

### **SCHEDULE EECC**

#### **ELECTRIC ENERGY COMMODITY COST**

RATES: (Continued)

## TOU Grandfathering Commodity Rates (Continued)

Schedule TOU-PA < 20 kW (Continued)		
Off-Peak Energy: Summer	<u>(\$/kWh)</u>	
Secondary	0.04904	R
Primary	0.04878	R
On-Peak Energy: Winter		
Secondary	0.05990	R
Primary	0.05961	R
Semi-Peak Energy: Winter		
Secondary	0.05089	R
Primary	0.05066	R
Off-Peak Energy: Winter		
Secondary	0.04540	R
Primary	0.04525	R
TOU-PA ≥ 20kW	<u>(\$/kW)</u>	
On-Peak Demand: Summer		
Secondary	0.90	R
Primary	0.89	R
On-Peak Demand: Winter		
Secondary	0.00	
Primary	0.00	
On-Peak Energy: Summer	<u>(\$/kWh)</u>	
Secondary	0.15431	R
Primary	0.15351	R
Semi-Peak Energy: Summer		
Secondary	0.09154	R
Primary	0.09107	R
Off-Peak Energy: Summer		
Secondary	0.04279	R
Primary	0.04257	R
On-Peak Energy: Winter		
Secondary	0.07511	R
Primary	0.07475	R
Semi-Peak Energy: Winter		
Secondary	0.06381	R
Primary	0.06353	R
Off-Peak Energy: Winter		
Secondary	0.05693	R
Primary	0.05673	R

#### **DWR Power Charge**

Pursuant to CPUC Decision 18-11-040, DWR's Power Charge is \$0.000 cents per kWh.

#### **DWR Customer Return Credit**

Pursuant to CPUC Decision 13-01-037 and Decision 18-11-040, DWR's Customer Return Credit is \$(0.00008) cents per kWh.

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