



Schedule EECC-TBS

Sheet 2

COMMODITY COST - TRANSITIONAL BUNDLED SERVICE

RATES (Continued)

1. Development of Hourly Power Costs (Continued)

FF&U means the non-differential franchise percentage and the uncollectibles percentage, and currently is equal to a factor of 1.012 to be used in the above rate calculation

The ISO Grid Management Charge (GMC) applicable to TBS is equal to the sum of the following GMC Charge Codes: 4560 and 4561. The GMC shall be charged on the customer's hourly metered demand. GMCs are posted on the ISO's website.

2. Franchise Fees

A Franchise Fee Differential of 5.78% will be applied to the total bills calculated under this Schedule 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.

3. Distribution Loss Factors (DLFs)

The DLF_{TLL} for each voltage level includes a factor for lost and unaccounted for energy. DLF_{TLL} will be calculated by the Utility based on the forecast hourly SDG&E UDC Service Area Load (Direct Access or CCA, 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_{TLL} 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_{TLL} by applying the following formulae:

a. Secondary Voltage Class Customers

$$\begin{aligned} DLF_{DLL} &= 1 + [\text{Losses/Load}] \\ DLF_{TLL} &= 1.0065 \times DLF_{DLL} \end{aligned}$$

Where: Losses = $[0.0000090935 \times (\text{SysLoad})^2] + 27.21$
Load = $-[0.00000804463 \times (\text{SysLoad})^2] + [0.8586372 \times \text{SysLoad}] - 24.0524567$
SysLoad = SDG&E system load during hourly period in MW.

b. Primary Voltage Class Customers

$$\begin{aligned} DLF_{DLL} &= 1 + (\text{Losses/Load}) \\ DLF_{TLL} &= 1.0065 \times DLF_{DLL} \end{aligned}$$

Where: Losses = $[0.0000001523524 \times (\text{SysLoad})^2] + 0.427367656$
Load = $-[0.000001181634 \times (\text{SysLoad})^2] + [0.12612 \times \text{SysLoad}] - 3.533$
SysLoad = SDG&E system load during hourly period in MW.

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Issued by

Date Filed

Nov 29, 2011

Advice Ltr. No. 2308-E

Lee Schavrien

Effective Jan 1, 2012

Senior Vice President

Decision No. ER11-4000

Resolution No. _____

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Schedule EECC-TBS

Sheet 3

COMMODITY COST - TRANSITIONAL BUNDLED SERVICE

RATES (Continued)

5. Distribution Loss Factors (DLFs) (Continued)

c. Primary at Substation Voltage Class Customers

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

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

Where: Losses = $[0.00000000009798 \times (\text{SysLoad})^2] + 0.007089$
 Load = $-[0.000000196 \times (\text{SysLoad})^2] + [0.002092 \times \text{SysLoad}] - .0586$
 SysLoad = SDG&E system load during hourly period in MW.

d. Transmission Voltage Class Customers

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

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

6. Summary of Class Load Profile Categories and Associated Rate Schedules

<u>Class Load Profile</u>	<u>Rate Category</u>	<u>Associated Rate Schedules</u>
Residential:	Residential Non-Time-of-Use	DR, DR-LI, E-LI, DM, DS, DT, DT-RV
	Residential Time-of-Use	DR-TOU, DR-TOU-DER
	Electric Vehicle Time-of-Use	EV-TOU, EV-TOU-3
	Electric Vehicle & Household TOU	EV-TOU-2
Small Commercial:	Small Commercial	A, A-TC
Schedule AD:	Schedule AD	AD
Medium Commercial/ Industrial (<or=500 kW):	Medium Commercial/Industrial	A-TOU, AY-TOU, AL-TOU, AL-TOU-CP, AL-TOU-DER, PA-T-1
Large Commercial/ Industrial (> 500 kW):	Large Commercial/Industrial	AL-TOU, AL-TOU-CP, AL-TOU-DER, PA-T-1
Schedule A6-TOU:	Schedule A6-TOU	A6-TOU
Agricultural:	Agricultural Non-Time-of-Use	PA
Lighting:	Lighting	LS-1, LS-2, LS-3, OL-1, DWL

(Continued)



Schedule EECC-TBS

Sheet 4

COMMODITY COST - TRANSITIONAL BUNDLED SERVICE

RATES (Continued)

7. Determination of Schedule EECC-TBS Prices

a. Non-Time-of-Use Rate Schedules

The amount of the customer's energy charge shall be the rate group Average Schedule EECC-TBS Energy Price multiplied by the customer's metered kWh during the billing period. Average Schedule EECC-TBS prices for each schedule of returning DA or CCA customers are developed through the use of dynamic load profiles, which represent the average load profile of all customers on a given rate schedule. Dynamic load profiles will reflect the influences of weather and other variables. Statistical load profiles will be used for the lighting customer class. The rate group average energy price for the billing period is the sum of the products of the Hourly Power Costs as described in section 1, the hourly load percentages from the Utility's Dynamic or Statistical load profile for the applicable rate group and the hourly DLFs determined as set forth in Section 5 for the applicable service voltage, the Uncollectibles Expense Factor and the Franchise Fee Factor. The Average Schedule EECC-TBS energy price is calculated on a weekly basis defined as the seven day period beginning on Wednesday and ending on the following Tuesday. The Average Schedule EECC-TBS energy prices are calculated each Sunday and are used for all billing through the following Saturday.

b. Time-of-Use Rate (TOU) Schedules

The amount of the customer's energy charge shall be the sum of the products of the rate group Average Schedule EECC-TBS Energy Price in each TOU period as defined in the applicable rate schedule and the customer's metered kWh in each TOU period during the billing period. The rate group average energy price for each TOU period is the sum of the products of the Hourly Power Costs as described in section 1, the hourly load percentages from the Utility's Dynamic or Statistical load profile for the applicable rate group and the hourly DLFs determined as set forth in Section 5 for the applicable service voltage, the Uncollectibles Expense Factor and the Franchise Fee Factor. The Average Schedule EECC-TBS energy price is calculated on a weekly basis defined as the seven day period beginning on Wednesday and ending on the following Tuesday. The Average Schedule EECC-TBS energy prices are calculated each Sunday and are used for all billing through the following Saturday.

SPECIAL CONDITIONS

1. Definitions. The definitions of principle terms used in this schedule are found either herein or in 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 CCA.

4C15

Advice Ltr. No. 1773-E-A

Decision No. _____

Issued by
Lee Schavrien
Vice President
Regulatory Affairs

Date Filed Nov 29, 2006

Effective Dec 29, 2006

Resolution No. E-4013