



## SCHEDULE VGI

Sheet 1

### ELECTRIC VEHICLE GRID INTEGRATION PILOT PROGRAM

#### APPLICABILITY

This Schedule is applicable to customers charging an Electric Vehicle that is:

1. a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV), and
2. charged through SDG&E owned and operated Electric Vehicle-Grid Integration Pilot Program facilities (VGI Program Facilities) located at applicable sites, defined as workplaces and multi-unit dwellings (MuD) (applicable sites).

At the election of the applicable site hosting the VGI Program Facilities (Site Host), this schedule is applicable to either the individual electric vehicle customer charging through the VGI Program Facilities (Billed to Driver), or the Site Host providing charging through the VGI Program Facilities (Billed to Host).

A Site Host or individual electric vehicle customer participating in Direct Access (DA), Transitional Bundled Service (TBS) and/or Community Choice Aggregation (CCA) for their business or residence are eligible to take service under Schedule VGI for electric vehicle charging. The Base Rate, Commodity Base Rate, and Distribution Base Rate, as defined below, will all apply to the electric vehicle charging through the VGI Program Facilities. Schedule VGI is not subject to any Demand Response participation rules/incentives.

Depending on the pre-qualified vendor the customer selects to provide VGI charging services, customers may use enabling technology, such as an internet connection or smart phone, to facilitate decision-making on when to charge their BEV or PHEV through VGI Program Facilities.

Effective discounts for California Alternative Rate for Energy (CARE), Family Electric Rate Assistance (FERA) and Schedule DE do not apply to service under Schedule VGI, which is for BEV and PHEV charging only.

#### TERRITORY

Within the entire territory served by the Utility.

#### RATES

Total hourly charges for customers on this hourly dynamic schedule will be calculated using the rates below. Charges will consist of:

1. an hourly Base Rate;
2. an hourly Commodity Base Rate with an adjustment based on the California Independent System Operator (CAISO) day-ahead hourly price, an adder to reflect the system's top 150 system peak hours, and an adjustment to reflect day-of CAISO surplus energy hours; and
3. an hourly Distribution Base Rate with an adder to reflect the top 200 annual hours of peak demand for the individual circuit feeding the VGI charging stations.

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## SCHEDULE VGI

Sheet 2

### ELECTRIC VEHICLE GRID INTEGRATION PILOT PROGRAM

#### RATES (Continued)

##### Base Rate:

The hourly Base Rate will be charged on a volumetric (per kWh) basis.

<i>Base Rate</i>		
Transmission	0.02227	
Public Purpose Programs (PPP)	0.01504	I
Nuclear Decommissioning (ND)	0.00005	
Competition Transition Charge (CTC)	0.00089	
Local Generation Charge (LGC)	0.00720	
Reliability Services (RS)	0.00004	
DWR Bond Charge (DWR-BC)	0.00580	
Subtotal Base Rate	0.05129	I

Notes: Transmission Energy charges include the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00108) per kWh and the Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.01611) per kWh. The PPP rate is composed of Energy and Demand charges. For all voltage levels, the PPP Energy charges includes Low Income PPP rate (LI-PPP) \$0.00773/kWh, Non-low Income PPP rate (Non-LI-PPP) \$0.00217/kWh (pursuant to PU Code Section 399.8, the Non-LI-PPP rate may not exceed January 1, 2000 levels), Procurement Energy Efficiency Surcharge Rate of \$0.00366/kWh, California Solar Initiative rate (CSI) of \$0.00000 kWh and Self-Generation Incentive Program rate (SGIP) \$0.00147 /kWh

##### Commodity Rate:

The hourly Commodity Rate will be charged on a volumetric (per kWh) basis.

<i>Commodity Rate</i>		
Commodity Base Rate	0.03416	R
CAISO day-ahead hourly price	updated daily, day-ahead	
VGI day-ahead C-CPP Hourly Adder	0.47718	R
CAISO day-of hourly adjustment for surplus energy	updated daily, same day	

Prior day CAISO Commodity Rates will be used if CAISO market data is delayed beyond the following cut-off times: 5:00 pm for the day-ahead market and 1:00 am the morning following the final Hour Ending 24 for the 15 minute market.

The VGI Commodity Critical Peak Pricing (C-CPP) Hourly Adder is added to the top 150 system peak hours on a day-ahead basis based on CAISO day-ahead demand forecast.

The CAISO day-of hourly adjustment for surplus energy is applied when the day-of prices are lower than day-ahead prices by one cent or greater.

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## SCHEDULE VGI

Sheet 3

### ELECTRIC VEHICLE GRID INTEGRATION PILOT PROGRAM

#### RATES (Continued)

##### Distribution Rate:

The hourly Distribution Rate will be charged on a volumetric (per kWh) basis.

<i>Distribution Rate</i>		
Distribution Base Rate	0.03896	I
VGI day-ahead D-CPP Hourly Adder	0.59956	I

The VGI Distribution Critical Peak Pricing (D-CPP) Hourly Adder is added to the top 200 annual hours of the circuit feeding the VGI charging stations on a day-ahead basis when the forecasted load exceeds a threshold level established based on historic load.

##### Total Base Rate:

The hourly Total Base Rate will be charged on a volumetric (per kWh) basis.

<i>Total Base Rate</i>		
Subtotal Base Rate	0.05129	I
Commodity Base Rate	0.03416	R
Distribution Base Rate	0.03896	I
<b>Total Base Rate</b>	<b>0.12441</b>	<b>R</b>

#### Rate Components

The rates shown above are comprised of the following components:

1. Subtotal Base Rate consisting of: (1) Transmission, (2) Public Purpose Program (PPP) Charges, (3) Nuclear Decommissioning (ND) Charge, (4) Ongoing Competition Transition Charges (CTC), (5) Local Generation Charge (LGC), (6) Reliability Services (RS), (7) Department of Water Resources Bond Charge (DWR-BC);
2. Total Commodity Rate consisting of: (1) Commodity Base Rate, (2) CAISO day-ahead hourly price, (3) VGI day-ahead C-CPP Hourly Adder, and (4) CAISO day-of adjustment for surplus energy; and
3. Total Distribution Rate consisting of: (1) Distribution Base Rate, and (2) VGI day-ahead D-CPP Hourly Adder.
4. Total Base Rate consisting of: 1) Subtotal Base Rate; 2) Commodity Base Rate, and 3) Distribution Base Rate

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## SCHEDULE VGI

Sheet 4

### ELECTRIC VEHICLE GRID INTEGRATION PILOT PROGRAM

#### RATES (Continued)

##### Taxes and Franchise Fee Differential

Any applicable taxes and franchise fees differentials associated with service under this Schedule will be based on the location of the VGI Program Facilities where the charging occurred.

A Franchise Fee Differential of 5.78% will be applied to the monthly billings calculated under this Schedule for all customers charging their vehicle within the corporate limits of the City of San Diego. This Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

#### DEFINITIONS

1. VGI Program Facilities: VGI Program Facilities are electric vehicle charging facilities that are installed, owned and operated by SDG&E pursuant to Decision (D.) 16-01-045. VGI Program Facilities are located at workplaces and multi-unit dwellings (MuD).
2. Site Host: The Site Host is an applicable site that allows SDG&E to install, operate and maintain VGI Program Facilities on its property. Site Hosts agree to participate in and follow the requirements of the VGI Program. The Site Host determines if the VGI Program Facilities on its property will be Billed to Driver or Billed to Host.
3. Billed to Driver: Billed to Driver refers to Schedule VGI charges billed to an individual electric vehicle customer charging through the VGI Program Facilities.
4. Billed to Host: Billed to Host refers to Schedule VGI charges billed to the Site Host for employees and/or residents charging through the VGI Program Facilities. Enrollment in this billing plan requires SDG&E to approve a Load Management Plan submitted by the host.
5. VGI Website: SDG&E also plans to provide a database that includes historic CAISO day-ahead prices for reference to VGI customers. These data will be made available during the customer engagement and enrollment process.

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San Diego Gas & Electric Company  
San Diego, California

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## SCHEDULE VGI

Sheet 5

### ELECTRIC VEHICLE GRID INTEGRATION PILOT PROGRAM

#### SPECIAL CONDITIONS

1. Metering: VGI Program Facilities will record fifteen minute interval data compatible with the Utility's VGI system's meter reading, time-of-use billing, and telecommunications systems. The meter will generate interval reads which are of billing quality. This billing data will be supplied to SDG&E by charging service vendors, or related, under contract to SDG&E, who have been qualified by SDG&E to serve charging needs and fulfill the data requirements the VGI Program.
2. Billing: Prior day CAISO Commodity Rates will be used if CAISO market data is delayed beyond the following cut-off times: 5:00 pm for the day-ahead market and 1:00 am the morning following the final Hour Ending 24 for the 15-minute market. CAISO market data posted or corrected after the above cut-off times will not be used for VGI rate calculations and after-the-fact rate adjustments will not be made. Prior day VGI rate components will be used if day-ahead rate components cannot be posted to the publicly available VGI Website by 6:00 pm.
3. Definitions: The Definitions of terms used in this Schedule are found either herein or in Rule 1.
4. Meter Reads: If due to unusual conditions or reasons beyond the Utility's control, all or part of the data needed to bill a customer's charging through VGI Program Facilities is not available at the time of billing, the Utility will send a partial bill and include the remaining portion on a subsequent bill when the metering data becomes available.
5. Multiple/Summary Accounts: For customers with multiple accounts, summary billings, or multiple meters at a premise, the billing charges are calculated for each individual qualifying meter and applied, if applicable, to the corresponding service account.
6. Terms of Service: A Site Host electing the Billed to Host option may change to the Billed to Driver option, or vice versa, but only after receiving service on this Schedule under the Billed to Host option for at least 12 consecutive months.
7. Voltage: Service under this Schedule will be supplied at the standard lighting voltage.

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