

## SOUTHERN CALIFORNIA EDISON'S ELECTRIC RATE OPTIONS

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### Below are brief descriptions of various rate options for Southern California Edison's (SCE) residential customers.

The size and type of your business will help determine the rates for which you may qualify. Your current rate appears at the top of your electric bill. For complete details on SCE's business customer rate options and specific pricing, please visit [www.sce.com/rateoptions](http://www.sce.com/rateoptions), or call us at **1-800-990-7788**.

#### **Small and Medium-Sized Commercial Customers**

**General Service 1 (GS-1):** This option is for small business customers. Maximum demand cannot exceed 20 kilowatts (kW), or approximately 6,000 kilowatt-hours (kWh) of usage per month. This rate schedule has a summer energy charge that is higher than the winter energy charge. Energy charges are costs per kWh consumed that vary by season (summer vs. winter).

**Time-of-Use General Service 1 (TOU-GS-1):** This option is for customers on Schedule GS-1. Energy charges vary by time-of-use (TOU) and season. Rates are lowest during off-peak hours, higher during mid-peak hours, and highest during on-peak hours of noon to 6:00 p.m., and summer season weekdays, excluding holidays. Customers can save money by shifting usage to off-peak hours.

**General Service 2 (GS-2):** This option is for medium-sized customers with expected or registered demands above 20 kW, and below 200 kW. GS-2 includes demand (measured in kW) charges, in addition to a monthly customer charge.

**General Service 2 Time-of-Use (GS-2-TOU):** This option is for customers on Schedule GS-2. Energy rates vary by season and time of day, with the highest rates during the on-peak hours of noon to 6:00 p.m. and summer season weekdays, excluding holidays. The following options are available to GS-2-TOU customers: Option A, Option B, Option R and Schedule CPP (please refer to the "Option Descriptions" section for details).

**Time-of-Use General Service 3 (TOU-GS-3):** This option is for medium-sized commercial and industrial customers with registered demands of 200 kW through 500 kW. The following options are available to TOU-GS-3 customers: Option A, Option B, Option R and CPP (please refer to the "Option Descriptions" section for details).

**Time-of-Use General Service 3 Super Off-Peak (TOU-GS-3-SOP):** Similar to Schedule TOU-GS-3, but includes a "super off-peak" period from midnight to 6:00 a.m. year-round, when both demand charges and energy rates are lowest.

#### **Rates for Large Commercial and Industrial Customers**

Customers with registered demands greater than 500 kW must take service on Schedule TOU-8 or RTP-2. Large individual water agencies and other large water pumping accounts that exceed 500 kW and use at least 70 percent of their power for agricultural purposes may take service on an agricultural and pumping rate.

**Time-of-Use 8 (TOU-8):** Schedule TOU-8 is for large commercial and industrial customers who register demands greater than 500 kW, including (but not limited to) large manufacturers and processors, retail

stores, colleges or universities, hospitals and office buildings. The following options are available to TOU-8 customers: Option A, Option B, Option R and CPP (please refer to the "Option Descriptions" section for details). Note: Option A for TOU-8 is limited to customers employing cold ironing and permanent load shifting customers.

**Time-of-Use 8 Reliability Back Up (TOU-8-RBU):** This option is applicable to TOU-8 customers who request an additional metered service connection at their premises used solely for reliability or backup purposes. Customers pay for the additional electric facilities under a separate added facilities agreement with SCE.

**Real Time Pricing (RTP-2):** This option is available to TOU-8 customers. Under RTP-2, customers with a maximum demand greater than 500 kW are billed hourly electricity prices that vary based on the time of day, season and temperature. This rate is beneficial to bundled service customers (those whose electric power, transmission, distribution, billing, metering and related services are provided by SCE) with the flexibility to manage or reduce their energy usage in response to the varying price schedule.

#### **Option Descriptions**

The following options apply to rates for GS-2-TOU, TOU-GS-3 and TOU-8 business customers:

**Option A:** This option includes Facilities-Related Demand (FRD) charges in addition to increased on-peak and mid-peak energy charges, but no time-related demand charges. Facilities-Related Demand charges reflect the cost of transmission and distribution facilities built to meet customers' peak power demands and are applied all year round. These demand charges are in addition to energy charges (per kilowatt hour).

**Option B:** This option includes time-related demand charges and energy rates that vary by time-of-use and season, highest during on-peak hours of noon to 6:00 p.m. and summer season weekdays (excluding holidays). The demand charges and energy rates are lowest during off-peak hours. This option also includes FRD charges.

**Option R (Renewable):** This option is for customers with installed renewable (solar, wind, biogas, etc.) energy generation systems, or other renewable energy generation systems. Option R applies and is available to business customers with demands greater than 20 kW [but not exceeding four megawatts (MW)] who install, own or operate eligible on-site renewable energy generation systems with net capacities of 15 percent or greater than the customer's annual peak demand recorded over the previous 12 months. The Option R rate structure has no on-peak or mid-peak demand charges, has a reduced FRD charge and increased on-peak and mid-peak energy charges.

**Critical Peak Pricing (CPP):** The CPP rate is limited to bundled service customers and offers a discount on monthly on-peak demand charges during the summer months. When electricity wholesale market demand and prices climb, SCE will activate CPP "events" (weekdays from 2:00–6:00 p.m., excluding holidays) during which CPP energy charges  
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increase significantly for those hours. However, if customers reduce or reschedule usage to non-CPP hours during these events, overall annual electricity costs may be reduced. Participants also receive bill protection for the first 12 months of participation.

#### **Rates for Agricultural and Pumping Customers**

Eligibility for all SCE agricultural and pumping schedules requires that 70 percent or more of the customer's electrical usage is for general agricultural purposes or for general water or sewage pumping. Accounts greater than 500 kW are ineligible for service under an agricultural and pumping rate and will be transferred to Schedule TOU-8. However, large water agencies and large agricultural water pumping accounts that exceed 500 kW or 671 horsepower (hp) of total connected load, and use at least 70 percent of their power for agricultural purposes must take service on an agricultural and pumping rate.

**Power – Agricultural & Pumping 1 (PA-1):** This schedule has a monthly service charge based on the amount of connected load, and a flat-rate energy (kWh) charge, and applies to accounts with registered demand less than 200 kW and connected load less than 268 hp. An off-peak energy bill credit is available to customers who agree to permit SCE to install an automatic SCE-controlled Time Management Load Control (TMLC) device designed to prevent the service from being energized during the summer season on-peak hours of noon to 6:00 p.m., weekdays.

**Power – Agricultural & Pumping 2 (PA-2):** This schedule, which applies to accounts with registered demand less than 200 kW, has a facilities-related demand charge, a summer time-related demand charge, and seasonal energy charges.

**Time-of-Use Agricultural & Pumping (TOU-PA):** This option is mandatory for accounts with registered demands of 200 kW and above, or connected motor load greater than 268 hp, but optional for accounts with registered demands less than 200 kW, or connected load less than 268 hp. Energy rates vary by season and time of day, with the highest rates during on-peak hours of noon to 6 p.m. on summer season weekdays, excluding holidays. Customers can choose an option with a connected load service charge (A) or an option with facilities-related and time-related on-peak and mid-peak demand charges (B) to optimize their energy savings. Customers can save money by shifting usage to off-peak hours.

**Time-of-Use Agricultural & Pumping Internal Combustion Engine (TOU-PA-ICE):** This rate is closed to new customers as of August 1, 2007. This rate permitted qualified customers to receive line extension allowances and discounted monthly charges for converting internal combustion engines used for pumping water (fueled by diesel, gasoline, propane or butane – not natural gas) to electric motors.

**Time-of-Use Agricultural & Pumping Super Off-Peak (TOU-PA-SOP):** This optional rate is similar to TOU-PA, but includes a shorter summer season (three months), a shorter on-peak period (four hours), significantly higher time-related demand charges, and a "super off-peak" period from midnight to 6:00 a.m., every day, year-round, when energy rates are lowest. Customers can select one of the following summer season options: 1) July 1 to October 1; or 2) June 1 to September 1. A TMLC device is available at the customer's expense.

**Time-of-Use Agricultural & Pumping (TOU-PA-5):** This optional rate is similar to TOU-PA. Customers must have at least 35 hp of connected motor load or at least 26 kW of measurable demand. Customers are billed energy charges that are lower than TOU-PA-B. In exchange, the facilities-related and time-related on-peak and mid-peak demand charges are higher than TOU-PA-B. A monthly minimum charge applies. Customers can save money by shifting usage to off-peak hours.

**Agricultural & Pumping – Real Time Pricing (PA-RTP):** This optional rate is beneficial to agricultural and water pumping bundled service customers who have the flexibility to manage or reduce energy usage based on a temperature-driven price schedule. Customers are billed

hourly electricity prices that vary based on the time of day, season and temperature.

#### **Economic Development Customers**

**Economic Development Rate - Attraction (EDR-A):** This rate provides a bill discount for new customers who locate their facilities at a site that results in SCE-served load of at least 200 kW. Such load must be new to California. Customers are eligible only if the discounts offered under EDR-A are necessary in the customers' decisions to locate their new loads in California.

**Economic Development Rate - Expansion (EDR-E):** This rate provides a bill discount for existing customers who increase load by at least 200 kW over their current maximum demand as a result of expanded operations. Customers planning to expand their load at their current site or who are planning to relocate and expand their load at a new site must demonstrate to the satisfaction of SCE that the expanded load is new to California.

**Economic Development Rate - Retention (EDR-R):** This rate provides a bill discount for existing customers with demand of at least 200 kW to not relocate outside of California. Customer must demonstrate to the satisfaction of SCE that relocation of its entire operations, or a qualified portion of its operations that consists of load of at least 200 kW, to a site outside of California is a viable alternative or that closure of the customer's existing facilities is otherwise imminent. Customer must sign an affidavit attesting to the fact that "but for" this discount (total bill will be subject to a discount), either on customer's own or in combination with a package of incentives made available to the customer from other sources, the customer would not have retained load within the state of California. Not applicable to state and local government customers or residential customers.

#### **Rates for Street and Area Lighting Customers**

**Area Lighting 2 (AL-2):** This rate is for customers who use electricity during dusk-to-dawn hours (usually from 5:30 p.m. to 6:00 a.m.) for outdoor area lighting purposes other than street or highway lighting. AL-2 has a low energy rate that reflects lower costs associated with the off-peak usage patterns of customers who use outdoor lighting. AL-2 customers must install, own, operate, and maintain a photocell device to ensure that no lighting load is used during daylight hours. Schedule AL-2 has two options: Option A offers a fixed energy charge but prohibits daytime usage; Option B provides time-of-use energy rates and allows 15 percent of a customer's total load (not to exceed 20 kW) to be used during daytime hours.

**Domestic Walkway Lighting (DWL):** Applies to unmetered lighting of walkways and other common areas of condominiums, cooperatives and other residential projects with individually metered, single family accommodations. DWL is only available to customer accounts established on or prior to December 10, 1976, and is closed to new customer installations after that date.

**Lighting – Street and Highway 1 (LS-1):** Applies to unmetered street and highway lighting where SCE owns, operates and maintains the street lighting facilities. Lamp charges are based on type and size of lamp. Customers may choose between "All Night" or "Midnight" service. LS-1 is also available to publicly-owned and operated parking lots open to the general public.

**Lighting – Street and Highway 2 (LS-2):** Applies to unmetered street and highway lighting where the customer owns and maintains the street lighting facilities. Customers may choose between "All Night" or "Midnight" service. LS-2 is also available to publicly-owned and operated parking lots open to the general public.

**Lighting – Street and Highway 3 (LS-3):** Applies to street and highway lighting where the customer owns and maintains the street facilities as with LS-2, except the service is metered by SCE.

**Outdoor Lighting (OL-1):** Applies to unmetered outdoor area lighting service, excluding street and highway lighting, where SCE owns, (continued on page 3)

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operates and maintains the lighting facilities. Customers may choose between "All Night" or "Midnight" service. Normally for wood pole installations only.

**Traffic Control (TC-1):** Applies to metered single-phase and three-phase service for traffic directional signs or traffic signal systems located on streets or highways. TC-1 can be used for railway crossings and track signals, and other public thoroughfare lighting, such as bus stop shelters, under certain conditions, that is used 24 hours per day or is not controlled by switching equipment.

#### **Miscellaneous Business Rates**

**California Renewable Energy Small Tariff (CREST):** Schedule CREST is for retail customers of SCE who are not public water or wastewater agencies and own and operate an eligible renewable generator with a total effective generation capacity of not more than 1.5 megawatts (MW). It allows customers to sell electricity to SCE without complex negotiations and delays. SCE pays for either the total or the excess energy the customer generates (customer's choice). Two agreements are available: CREST Full Buy/Sell, and CREST Excess. Service under this schedule is on a first-come-first-served basis and will be closed to new customers once the total rated generating capacity of Eligible Renewable Generating Facilities within SCE's service territory reaches 247.690 MW, which is SCE's allocated share of the 500 MW statewide cap.

**Community Choice Aggregation Service (CCA Service):** Cities, counties or a Joint Power Authority (JPA) whose governing boards have elected to act as Community Choice Aggregators (CCAs) can purchase and sell electricity on behalf of utility customers within their service area(s). Under CCA Service, a CCA is solely responsible for procuring and providing for the electric power needs (including ancillary services) of its customers, ensuring resource adequacy and renewable portfolio requirements for these customers, and scheduling and settling with the California Independent System Operator (CAISO). CCAs are required to meet certain requirements with the California Public Utilities Commission (CPUC) in addition to meeting financial and technical requirements with SCE. CCA customers are subject to additional charges as explained in CCA-CRS, CCA-INFO, and CCA-SF.

**Local Government Renewable Energy Self-Generation Credit Transfer (RES-BCT):** This schedule is optional for bundled service customers who meet the definition of a local government, as defined in the Special Conditions section of this schedule, and who own and operate an Eligible Renewable Generating Facility, as defined in the Special Conditions section of this schedule, with a total effective generation capacity of not more than 1 megawatt (MW). The generating account and benefiting account(s) designated by the participating local government must be located within the geographical boundaries, as defined below, of the local government, receive retail service from SCE on a time-of-use (TOU) schedule, and have billing services performed by SCE. This schedule allows the export of energy not consumed at the time of generation by the generating account to SCE's grid. All generation exported to SCE's grid is converted into credits and applied to the benefiting accounts designated by the local government. Service under this schedule is provided on a first-come, first-served basis. Local governments electing service under Schedule RES-BCT must provide SCE 60 days' notice. Generation credits will be distributed to designated benefiting accounts with the first full billing cycle following the conclusion of the 60 day notice.

**Net Energy Metering (NEM, BG-NEM, FC-NEM):** This option is available only to customers who use solar, wind, a combination of solar and wind, biogas, or fuel cell technology, to generate power up to 1,000 kW to serve their on-site power needs, pursuant to Public Utilities Code Sections 2827 - 2827.10.

**Standby (Schedule S):** This rate is mandatory for many customers who self-generate all of, or a portion of, their electrical power from their own on-site generating facility, for both retail and wholesale customers. Under Schedule S, SCE provides "standby" service, meaning that SCE is ready to provide service when the customer's generator is not in operation, which is usually during scheduled or unscheduled outages (other than power outages or rotating outages). Schedule S ensures that businesses are not compromised when their generators are not operating. Schedule S has two basic charges: Capacity Reservation Charge (CRC), based on the nameplate rating of the generator or the standby level set by the customer; and time-related demand charges for backup service or maintenance service.

**Time-of-Use Electric Vehicle (TOU-EV-3, TOU-EV-4):** These rates are designed for customers who own and operate electric vehicle(s) (EVs) and use chargers with demands of 20 kW or less for TOU-EV-3, or no greater than 500 kW for TOU-EV-4. Customers can save money by charging their EVs between 9:00 p.m. and noon.

**Water Agency Tariff for Eligible Renewables (WATER):** This schedule is optional for customers who meet the definition of an Eligible Public Water Agency or Wastewater Agency (as defined in the Special Condition section of this schedule) who own and operate an Eligible Renewable Generating Facility (as defined in the Special Condition section of this schedule), with a total effective generation capacity of not more than 1.5 megawatts (MW). Service under this Schedule is on a first-come, first-served basis and shall be closed to new customers once the combined rated generating capacity of Eligible Renewable Generating Facilities within SCE's service territory reaches 123.9 MW, which is SCE's proportionate share of 250 MW, based on the ratio of SCE's peak demand to the total peak demand of all electrical corporations within the State of California.

**Wireless Fidelity (Wi-Fi-1):** This rate is applicable to cities, counties and qualified commercial providers of wireless Wi-Fi Internet service. Schedule Wi-Fi-1 allows cities, counties and qualified commercial providers of wireless Wi-Fi Internet service to attach Wi-Fi transmitting devices to SCE-owned streetlights, and to power such devices with unmetered, single-phase electric service so that these entities can provide Wi-Fi Internet service in the communities they serve. The total load per attachment cannot exceed 35 watts, and the cumulative limit of 35 watts cannot be exceeded for every two adjacent poles on the same (looped) circuit where Wi-Fi devices are installed.

**Wireless Technology Rate (WTR):** This contract rate option is available as a single-phase and three-phase service to customers in wireless technology industries who require electric service to operate radio repeaters or similar devices (wireless communication devices). Devices must be mounted on existing SCE facilities, or other facilities approved by SCE. All service under WTR is unmetered.

#### **Demand Response Programs**

Demand response (DR) programs provide electricity bill savings and payments to customers who voluntarily reduce their energy usage and/or demand when requested by SCE during program events. These special events typically occur in the summer, when wholesale electricity costs are high and the system demand exceeds supply, or anytime when the local electrical systems are constrained. These programs help SCE to maintain electric system reliability and can reduce SCE's overall electricity service costs by avoiding the need to procure more costly electricity during critical times.

**Agricultural and Pumping Interruptible (AP-I):** This program provides a year-round monthly credit to eligible agricultural and pumping customers (continued on page 4)

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with a measured demand of 37 kW or greater, or with at least 50 hp of connected load, who elect to allow SCE to temporarily interrupt electric service to their total load served via a radio-controlled device. Interruptions are limited to 25 times, 6 hours each or 150 hours per calendar year.

**Capacity Bidding Program (CBP):** This is a contract-based demand response bidding program in which participants are paid a monthly incentive to agree to reduce load by a pre-determined amount during DR events with day-of or day-ahead notification. Participants receive a monthly incentive payment based on the amount of load reduction (capacity) nominated each month, plus energy payments for actual energy reduction, based on kilowatt hours (kWh) reduced for each hour, when an event is called. Contract incentives vary based on month, program and kW participation level. Customers may contract with SCE directly, or may participate through a third-party aggregator. This program is for customers with monthly maximum demand of 200 kW or greater, or with an interval billing meter.

**Demand Bidding Program (DBP):** This is a voluntary non-contract bidding program that offers performance bill credits to customers for reducing their usage when a DBP event is called with a day-ahead notification. There are no penalties for this program, and customers are credited on a per-kWh basis for actual reductions. This option is for customers with monthly maximum demand of 200 kW or greater, or with an interval billing meter. Customers may have accounts less than 200 kW if they are part of an aggregated group that has at least one account that is over 200 kW.

**Demand Response Contracts (DRC):** SCE has contracted with multiple third-party demand response service providers (or aggregators) to provide demand response load reductions similar to the CBP. The Demand Response Contracts (DRC) portfolio consists of aggregators that are contracted to provide SCE with price-responsive and/or demand response load curtailment that SCE may call at its discretion. Each aggregator designs its own programs, and can offer unique, customer-specific pricing and options that may not be directly available through SCE. Customers eligible for aggregation can select an aggregator whose offering best meets their needs. For a list of authorized SCE aggregators, please visit [www.sce.com/drc](http://www.sce.com/drc).

**Optional Binding Mandatory Curtailment Program (OBMC):** This option exempts customers located on an entire distribution circuit from most rotating outages when they contract to reduce their load on the circuit by up to 15 percent during each rotating outage. An OBMC plan, which details how the entire circuit's load will be reduced by up to 15 percent during each rotating outage, must be submitted to SCE.

**Scheduled Load Reduction Program (SLRP):** This option provides a bill credit per kWh of qualified load drop to bundled service customers who complete a contract to reduce load by a predetermined amount on pre-selected weekdays, during summer season hours. Customers with an average monthly demand of 100 kW or greater must reduce at least 15 percent of maximum demand (but not less than 100 kW) for each hour during pre-scheduled days and times. Other reduction amounts may be selected from one of three optional timeframes.

**Summer Discount Plan (SDP):** This program provides a bill credit to customers during the summer season to allow SCE to install a radio-controlled load control switch on their central air conditioners. In exchange, customers permit SCE to temporarily turn off or "cycle" their central air conditioner compressor(s) during periods of peak demand or electric system emergency, when directed by the California Independent System Operator (CAISO) or SCE Grid Operations. This program is limited to customers with packaged air conditioners.

**Time-of-Use Base Interruptible Program (TOU-BIP):** This program is for large commercial/industrial customers who can reduce their electrical usage to a pre-determined amount, also called the "Firm Service Level" (FSL), within 15 or 30 minutes of notice from SCE. The rate is available to customers whose monthly maximum demand or aggregated monthly maximum demand reaches or exceeds 200 kW and who commit to curtail at least 15 percent, but not less than 100 kW, of their maximum

demand per period of interruption. In exchange, customers receive a monthly capacity credit. Customers may also participate through a third-party aggregator.

With limitations, customers may participate in more than one demand response program, for additional incentives. For more information, visit [www.sce.com/drp](http://www.sce.com/drp).

### **Electric Industry Restructuring Options**

**Bundled Service Customer Interval Meter Ownership (BSC-IMO):** This option is for bundled service customers who replace an existing meter or install retrofit metering facilities in accordance with Schedule CC-DSF. Meter reading services and billing services will be provided solely by SCE.

**Cost Responsibility Surcharge (CRS, CGDL-CRS, DA-CRS, DAEB-SC-CRS):** Cost Responsibility Surcharges (CRS) are applicable to the Customer Generation Departing Load (CGDL) that departed after February 1, 2001 and is served by Customer Generation (CG) of bundled service and Direct Access Service customers. It is also applicable to Direct Access (DA) customers and DA-eligible customers who are receiving bundled service (DAEBSC-CRS).

**Customer Choice Discretionary Service Fees (CC-DSF):** This option is for DA and bundled service customers purchasing metering services, electing a rate option requiring the use of interval metering facilities, or requesting interval metering and/or metering facilities in substitution for, or in addition to, standard facilities.

The following two rate options are available to Electric Service Providers (ESPs) companies whose business is procuring electric power and/or ancillary services such as meters, meter reading, and billing services to end-use DA customers.

**Departing Load (DL-NBC, NMDL, TMDL):** Departing Load is that portion of SCE's customer's electric load for which the customer (a) discontinues or reduces its purchases of electricity supply and delivery services from SCE; (b) purchases or consumes electricity supplied and delivered by sources other than SCE to replace such SCE purchases; and (c) remains physically located at the same location or within SCE's service area as it existed on December 20, 1995. Reduction in load qualifies as Departing Load only to the extent that such load is subsequently served with electricity from a source other than SCE. However, load that is eligible for net energy metering is not departing load.

**Direct Access (DA) Service:** Beginning April 11, 2010, pursuant to CPUC Decision 10-03-022, Direct Access (DA) is again open to all non-residential customers, subject to annual limits during a four year phase-in period, and absolute limits following the phase-in. All residential customers currently returning to Bundled Service may not elect to return to DA service.

**Electric Service Provider - Discretionary Service Fees (ESP-DSF):** This option is for ESPs participating in DA who elect to have SCE provide metering, meter reading and/or billing services for their DA customers.

**Electric Service Provider - Non-Discretionary Service Fees (ESP-NDSF):** This option is for ESPs participating in DA who are providing billing services for their DA customers.

These descriptions are meant to be an aid to understanding SCE's rate schedules and programs for SCE customers only. They do not replace information contained in the CPUC-approved tariffs. Please refer to SCE's tariff books for a complete list of terms and conditions of service available online at [www.sce.com/rateoptions](http://www.sce.com/rateoptions).

For more information about any of SCE's rate options, please call **1-800-990-7788**, or visit [www.sce.com/rateoptions](http://www.sce.com/rateoptions), or write to:

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