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CPUC Approves Demand Response Programs Through 2011

A recent California Public Utilities Commission (CPUC) decision adopts approximately \$188.8 million for Southern California Edison Company's (SCE) demand response activities through 2011, providing customers with continued opportunities to earn financial incentives and/or other benefits by reducing energy use during peak periods.

Key aspects of the CPUC decision—to be discussed at the October Electricity Outlook sessions (see next section for sign-up details)—include:

- Establishing new multi-program participation rules to enhance demand response benefits. The new rules are expected to go into effect no later than May 1, 2010. The decision modifies the program participation rules SCE had proposed in its 2009 General Rate Case (GRC) proceeding. The new rules will allow for a customer enrolled in an energy-based program (i.e. Demand Bidding Program) to participate in a capacity-based program (i.e. Time-of-Use Base Interruptible Program, or TOU-BIP) as long as one program has a day-ahead notification, with the other having a day-of notification. The biggest aspect of the rule modification is the characterization of Critical Peak Pricing (CPP) as an energy-based program. In other words, a CPP customer will be able to participate with TOU-BIP in the future.
- Authorizing \$43 million in technology incentives under the Technical Assistance and Technology Incentives Program. Starting Jan. 1, 2010, the maximum incentive for non-Auto Demand Response (Auto DR) measures will be reduced to \$125 per kilowatt (kW) of verified load reduction from the current maximum incentive available of \$250 per kW. Incentives for Auto DR measures will remain at a maximum of \$300 per kW.
- Establishing a 10-day average baseline (vs. the previous 3-in-10-day average) to determine energy use reduced during Demand Bidding and Capacity Bidding Program events, and adding an optional baseline adjustment (plus or minus 20%) to the load profile for the first three hours of the four hours prior to the event.
- Adding one additional contract with a third-party Curtailment Service Provider (CSP) and extending the contract of an existing third-party CSP, for a total of six contracts within SCE's portfolio of programs.
- Placing a cap on enrolled megawatts of existing interruptible programs. Because of this, all new TOU-BIP and Agricultural and Pumping Interruptible (AP-I) agreements will be placed on a waiting list. Summer Discount Plan agreements will not be affected at this time.

Electricity Outlook Sessions: Learn More

Learn more about upcoming rate design changes and forecasted 2010 rates at SCE's Fall 2009 Electricity Outlook sessions. The presentations run from 8 a.m. to 9:30 a.m., with continental breakfast beginning at 7:30 a.m. Don't miss out on the opportunity to hear the latest details firsthand.

Date	Event #	Location	Address
Oct. 8, 2009	24216	San Bernardino Hilton	285 E. Hospitality Lane, San Bernardino
Oct. 9, 2009	24086	SCE's CTAC	6090 N. Irwindale Ave., Irwindale
Oct. 13, 2009	24218	SCE's AGTAC	4175 South Laspina, Tulare
Oct. 14, 2009	24220	Hilton Costa Mesa	3050 Bristol St., Costa Mesa
Oct. 16, 2009	24221	Oxnard Marriott	600 E. Esplanade Dr., Oxnard

To register, contact your account representative or call 626.812.7537 or 800.336.2822, extension 42537.

SCE Offers Safety Reminders During Fire Season

The latest wildfires once again have demonstrated the devastating effects of such blazes in the Southern California region, with the possibility of more fires driven by Santa Ana winds during the fall.

SCE worked around the clock to restore power to customers who lost electricity during the fires, and coordinated with the state to ensure sufficient electricity reserves and reroute power capabilities to continue to meet customer needs.

Fire Safety Do's and Don'ts

Keep in mind these important fire prevention and safety tips, and always make sure to have an emergency preparedness plan and emergency kit ready:

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- Never use candles (which can start fires) during a power outage; use battery-operated lights and keep them in offices and homes.
- Turn off and unplug any unnecessary electrical equipment, especially sensitive electronics, during a widespread outage.
- If you are without electrical service in your business or home, leave one light switch in the "on" position to signal when electrical service has been restored. This will help limit stress on the system when SCE restores power.
- If you see downed or suspended power lines, call SCE and report it to police and fire departments immediately. NEVER touch or try to move a downed line.
- Only use a "C" class fire extinguisher for an electrical fire. NEVER throw water on an electrical fire, as it could cause electrocution.
- If possible, stay away from areas impacted by fire damage to remain safe (because traffic signals could be out and poles could be blocking streets) and to avoid interfering with repair crews.
- NEVER connect a portable generator directly to a power line. State law requires that customers inform SCE when a generator is being used at their business or home by calling 800.655.4555.

Bill Relief for Fire Victims

SCE customers whose homes were destroyed or rendered uninhabitable by recent wildfires will not have to pay for electricity used since the last bill they received at those residences. SCE also is offering payment arrangements for those indirectly affected by the fires, such as customers who lost business income.

Customers who qualify for bill forgiveness should call 800.250.7339. Other customers who need bill payment arrangements may call 800.950.2356.

For more tips on fire safety, visit www.sce.com/heat and www.sce.com/safety.

GOVERNMENT & INSTITUTIONS SEGMENT FOCUS

City of Downey Pumps Efforts Into Energy Savings

The City of Downey, working with SCE, demonstrates the ability to make operational improvements that reduce energy use while still providing a high level of service.

Over the past several years, Downey's Public Works Department Utilities Division has utilized SCE's no-cost groundwater pump test program, which identifies pump and motor units that are operating at a low efficiency level. Based on the results, Downey rehabbed the wells, repaired or replaced the pump and motor units in three of its 20 groundwater wells through SCE's Agricultural Energy Efficiency Program (AEEP).

Through its efforts, the City will save close to 540,000 kilowatt-hours (kWh) annually, with the potential to save more than a total of 1 million kWh with additional ongoing similar groundwater well projects. Downey also has the potential to reduce peak demand by 52 kW, further lowering energy costs and lessening power system congestion.

"We're always looking for opportunities to be more efficient, save energy and money, and to create more sustainable operations," said Downey Utilities Superintendent Jason Wen, noting that energy costs account for about 10% of the total O&M budget.

He said the City plans to make improvements to two or three more wells this fiscal year as part of its ongoing efforts to enhance overall system pumping efficiency. Other efforts include updating the sequence for turning the wells on and off as system demand changes in order to ensure that the most efficient



Motors drive a water pump for one of the City of Downey's groundwater wells. The City is saving energy and money by working with SCE to replace motors and pumps through the Agricultural Energy Efficiency Program.

wells are utilized most frequently, plus upgrading pump motors with variable frequency drive units, which lower energy costs by adjusting the speed of the motor to match system demands and helping maintain more constant pressure in the water system.

Bottom-Line Cost Benefits

"Over the last few years our participation in SCE's pump test and AEEP program, the addition of variable frequency drives and other operational changes have helped us to stabilize and in some instances to reduce our groundwater well field energy costs," Wen stated.

He credited SCE and Downey's account executive, Larry Sutton, for serving as an important information resource. "Every time we have a project, we're going to call Larry to see what programs are available."

Plus, Wen said he gains valuable insight by attending free classes at SCE's Customer Technology Application Center Energy Center in Irwindale. Classes cover pump plant efficiency, motor efficiency and a wide range of other topics related to saving energy and operating more sustainably. SCE also provides free classes at its Agricultural Technology Application Center Energy Center in Tulare.

Looking ahead, Wen said, Downey will continue to assess any viable opportunities to save energy, with plans to evaluate the possible use of solar panels to help provide electricity to the City's Utilities Service Yard.

Continued Room for Improvements

Wen said the experience with SCE shows that by continually evaluating operations, you can find ways to enhance efficiency. He advised other SCE customers to "look at your operations and take advantage of the classes offered by SCE. The information presented at the classes and the lessons learned and other insights provided by the other attendees can be very valuable. You may be surprised to find a number of ways to make improvements."

To learn more about how you can benefit from SCE's wide array of energy management programs and services, contact your account representative or visit www.sce.com/b-rs/large-business/. To sign up for free classes at SCE's Energy Centers, contact your account representative or log onto www.sce.com/energycenters.