| | | Non-residential Programs | | | | Non-residential Programs | | | | |
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| | | CAPACITY BIDDING PROGRAM | DEMANDSMART PROGRAM | Base Interruptible Program (BIP) | CRITICAL PEAK PRICING EMERGENCY (CPP-E) | Permanent Load Shifting (PLS) | Biaterals (3) | Locational Dispatch Pilot | Small Commercial RFP | Technical Assistance Technology Incentives |
| 1) | Brief Description | No Change Day Ahead and Day Of programs - Price Responsive The Capacity Bidding Program ("Program") is a voluntary program that offers customers various product options to earn capacity and energy incentive payments in exchange for reducing energy consumption when requested by the Utility. Customers may participate directly through SDG&E or 3rd party Aggregators. | No Change Day Of Program Price Responsive The DemandSMART Program ("Program") is a voluntary demand response program that offers participants capacity and energy incentive payments in exchange for reducing energy consumption when requested by the Utility. Customers may only participate directly with EnerNOC, a 3rd party Aggregator. | No Change Day Of Program Reliability Customers or Aggregators receive monthly capacity payments in turn for load reduction when requested. | Discontinued A time-of-use rate which features increased costs during "critical peak" alert periods and reduced commodity rates the rest of of the year. | Changed/New The routine shifting from one time period to another during the course of a day to help meet peak loads during periods when energy use is typically high and improve grid operations in doing so (economics, efficiency, and/or reliability). Technologies may include Thermal Energy Storage, batteries, facility process shifting, etc | Changed/New Day Of Price Responsive The Bilateral Contract Program offers capacity and incentive payments in exchange for reducing energy consumption. | Changed/New Locational dispatch (strained circuit) pilot/study to learn what the requirements, barriers and costs would be to implement a true locational dispatch effort at the circuit level. This program will leverage other DR/EE program efforts including, residential technology deployment, small commercial PCTs, PLS, and energy efficiency direct install programs. Also plan to utilize the Customer Education, Awareness and Outreach efforts to educate and raise awareness within the targeted areas. | Changed/New Small commercial customers are the least price responsive of the non-residential segment. There is not a competitive market of Aggregators servicing this segment due to their size. A bi-lateral agreement following an RFP is the best option to provide a low cost solution to this segment. | No Change Provides on-site facility evaluations to SDG&E business customers, which are designed to determine load reduction potential. The incentives help to off-set installation and equipment costs of demand response measures. |
| 2) | Who is Eligible? | No Change Non-residential customers that have a annual maximum demand of 20 kW or greater. Customers can also participate through Aggregators. | No Change Non-residentials customers that have a annual maximum demand of 100 kW or greater. | No Change Non-residential customers that have demand greater than ot equal to 100kW or 15% of Monthly Average Peak Demand, whichever is greater. Aggregators who can commit to 1MW monthly. | Discontinued Customers that have a demand of 20 kW and appropiate electric metering. | Changed/New All non-residential customers. | Changed/New Non-residential customers must be served under a time-of-use (TOU) rate and have a monthly demand of 100 kW. One megawatt aggregated load reduction required. | Changed/New Non-residential and residential customers served by circuits identified by SDG&E to be highly congested. | Changed/New Non-residential customers that have a peak demand less than 100 kW | No Change Non-residential customers with annual maximum demands equal to or greter than 20 kilowatts are eligible. |
| 3) | What are the incentive for participation? | Changed/New Incentives are based upon the product type selected. Capacity payments have been increased by 10% to reflect higher avoided capacity costs the annual capacity payment is: Day Ahead \$61.45 kW-yr, 1-4 hours \$63.46 kW-yr, 2-6 hours \$65.93 kW-yr, 4-8 hours Day Of \$73.74 kW-yr, 1-4 hours \$76.15 kW-yr, 2-6 hours \$79.12 kW-yr, 4-8 hours kW-yr capacity payment is disbursed: May - 4%, Jun - 12%, Jul - 26%, Aug - 31%, Sep - 21%, Oct - 6% | No Change Customer Incentives are established by EnerNOC. | Changed/New Option A: 30-minute notification. Summer (May-Oct) \$12/kW monthly capacity payment for committed pre-determined reduction level with \$/7.80kWh penalty for excess energy usage. Payments and penalty value have been shifted by % to account for increased value of summer months. Winter (Nov-Apr) \$2/kW monthly capacity payment for committed pre-determined reduction level with \$1.20/kWh penalty for excess energy usage. Option B: 3 hour notification is being discontinued | | Changed/New Incentives will be a one time payment, potentially a standard offer that is not technology exclusive. Further clarification will be influenced by the results of the PLS study due Dec. 1, 2010. | Changed/New Incentives will be based upon the vendors' bid prices for participation. | Changed/New Target select circuit with Direct Install energy efficiency and demand response programs. Offer a incentive premium for PLS on selected circuit | Changed/New Installation of DR enabling technology folowed by enrollment in an appropruiate DR program (CPP-D, PSW or CBP) | Changed/New Up to \$300/kW of TI incentives may be paid for Auto-DR measures installed, load shed tested & enrolled in a DR program. Requires 3 year commitment in a qualified DR program. Incentive will be performance based (60% paid upon installation, load shed test & DR enrollment. Up to the remaining 40% paid after first DR season results are compared to the approved load shed test.). Technical Audit requires customer to enroll in a DR program for one year. Auditors can receive a bonus payment for EE measures identified in TA audit and ultimately get installed. Aggregators are eligible to receive a capacity payment when securing CPP-D customers in Auto-DR. |
| 4) | What ar the program days and hours? | No Change Weekdays between the hours of 11 am to 7 pm. No change - see comments above. No Change | No Change Weekdays between the hours of 12 pm to 6 pm No Change | Changed/New Option A: Max 4 hrs/day, 10 events/month, 120 hrs/year. Option B: Max 3hrs/day, 10 events /month, 90 hrs/yr. No Change | holidays - any hour | Changed/New Weekdays between the hours of 11 am to 6 pm Changed/New | Changed/New Weekdays between the hours of 12 to 6 pm Changed/New | Changed/New N/A - Pilot designed to facilitate the CPP and PTR rates Changed/New | Changed/New N/A - Program designed to facilitate the CPP rate Changed/New | No Change Contingent on programs enrolled in. No Change |

| | CAPACITY BIDDING PROGRAM | DEMANDSMART PROGRAM | Base Interruptible Program (BIP) | CRITICAL PEAK PRICING EMERGENCY (CPP-E) | Permanent Load Shifting (PLS) | Biaterals (3) | Locational Dispatch Pilot | Small Commercial RFP | Technical Assistance Technology Incentives |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------|
| Number of events per year? | Maximum of 24 hours/month | Maximum of 50 hours per year | No limit. Any hours during the year | 80 Hrs Annually | NA | Different number of event hours proposed by bidders. | N/A - Pilot designed to facilitate the CPP and PTR rates | N/A - Program designed to facilitate the CPP rate | Contingent on programs enrolled in. |
| | Changed (Nov. | No Change | Channed Many | Discontinued | Changed (Nov. | Channel /Nov. | Changed/Nov. | Changed /Nov. | No Change |
| What triggers or activates the program? | Changed/New Market price > 15,000 btu/kWh heat rate System emergencies, Local emergencies Program will be bid into the CAISO PDR product. Triggers will be price sensitive | No Change Discretion of SDG&E | Changed/New CAISO initiates an interruptible period or Stage 1 Alert Program will be bid into the CAISO PDR product. This is a reliability based program and will not be price sensitive. | Discontinued Utility system emergencies, CAISO Alerts | Changed/New NA | Changed/New BCP events may be called at the discretion of the Utility. | Changed/New N/A - Pilot designed to facilitate the CPP and PTR rates | Changed/New N/A - Program designed to facilitate the CPP rate | No Change NA |
| | No Observed | No Character | N. Character | Size of the said | Change of (No. | Charact /Norw | Character of (Name | Channel (Name | No Change |
| 7) When are the customers notified? | No Change Day-Ahead option – 3 pm the day before the event. Day-Of option – by 9 am but not later than 2 hrs before event. | No Change Day-Of event with a 30-minute notification to Aggregator. | No Change Interruptible period shall start within 30 minutes for option A or 3 hrs for option B after the utility initiate's communications to the customer. | Discontinued Day-Of, 30 minute notification | Changed/New NA | Changed/New Customer will be notified no later than 10 minutes prior to the commencement of the event | Changed/New N/A - Pilot designed to facilitate the CPP and PTR rates | Changed/New N/A - Program designed to facilitate the CPP rate | No Change Determined by programs programs enrolled in. |
| | No Change | No Change | No Change | Discontinued | Changed/New | Changed/New | Changed/New | Changed/New | No Change |
| 8) How is the customer notified? | Posted on SDG&E Web site. Using the APX tool, customers will be notified by e-mail and/or text message to cel phone. | Posted on SDG&E Web site. Using the DemandSMART tool, Lustomers will be notified by e-mail and/or text message to cell phone. | E-mail message and alphanumeric pager to receive text message sent via the Internet | Posted on SDG&E Web site. Using kWickview tool, customers will be notified by e mail and/or text message to cell phone. | NA :- | E-mail message and alphanumeric pager to receive text message sent via the Internet | N/A - Pilot designed to facilitate the CPP and PTR rates | N/A - Program designed to facilitate the CPP rate | Determined by programs programs enrolled in. |
| | Changed/New | No Change | No Change | Discontinued | Changed/New | Changed/New | Changed/New | Changed/New | No Change |
| 9) How is peak load drop measured? | Baseline - 10 in 10 with adjustment with a 40% cap on morning adjustment. | 3 in 10 baseline. | Difference between recorded Monthly Average Peak Demand less the selected Firm Service Level | Customer's average consumption between the hours of 11 am and 6 pm for the three highest of the 10 most recent days, compared to program event hours. | Through an M&V process based on the technology used to shift load daily from on- peak hours to off-peak hours. Baseline is either existing technology or process load shift. | Baseline for any given operational day is defined as the average consumption for the same hours for the ten (10) highest days from within the immediately preceding ten (10) similar non-holiday week days prior to the Event. Participants may choose to have their baselines calculated using a Day-Of Adjustment. The Day-Of Adjustment is calculated using the first three of the four hours prior to the event divided by the average load for the same hours using the last 10 weekdays for CBP participants. Currently a 20% cap on the morning of adjustment, but we're proposing a 40% cap. | N/A - Pilot designed to facilitate the CPP and PTR rates | N/A - Program designed to facilitate the CPP rate | Determined by programs enrolled in. |
| 40) Con disent server | No Change | No Change | No Change | Discontinued | Changed/New | Changed/New | Changed/New | Changed/New | No Change |
| 10) Can direct access customers partcipate? | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes |
| | Changed/New | Changed/New | No Change | Discontinued | Changed/New | Changed/New | Changed/New | Changed/New | No Change |
| | | Price Proxy to be developed | NA | NA | NA | Price Proxy to be developed | N/A - Pilot designed to facilitate the CPP | N/A - Program designed to | |

Non-residential Programs

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