RAC Questions:	Casa Verde (Weatherization)	Residential HVAC	Home Efficiency	New Home Construction
Program description	Assistance program designed to help families in need reduce their monthly utility bills. Eligible participants, homeowners or renters, may receive free weatherization upgrades designed to increase the energy efficiency of their homes.	Offers incentives for the purchase of eligible high efficiency central air conditioners, heat pumps and room air conditioners.	Offers incentives for installation of insulation and variable-speed pool pumps.	Offers incentives to developers for building new homes at least 15% more energy efficient than required by current CoSA building codes.
Program Launch	2009	2009	2009	2010
Annual program spend	$13.9 million	$4.23 million	$1.10 million	$1.92 million
Customer participation (last 5 Years)	18,207	36,399	8,512	7,348
Application Process	Paper application, must attest to meeting household income requirements.	Trade Allies may submit application on behalf of the customer or customer can submit a paper application or online application.	Trade Allies may submit application on behalf of the customer or customer can submit a paper application or online application.	Builders apply through Build San Antonio Green (BSAG) or submit an application directly.
Target Customers	Energy savings for qualified customers.	Customers with older central air conditioners, heat pumps and room air conditioners that need replacement.	Customers seeking to make their home more energy efficient by adding insulation or upgrading their pool pump.	Home builders willing to design and build new homes that are more efficient than required by city code.
Program goal	Casa Verde is focused on supporting our limited income customers and supports equity among our programs.	Incentivize customers to purchase or replace an HVAC with a system that is rated more efficient than current code, and drive energy & demand saving.	Our insulation is a simple and easy for customers to participation in our STEP program, and provides a "Do It Yourself" option for customers.	The New Home Construction program works with builders to increase the efficiency of new homes coming onto the market.
Program outcomes	Goals include weatherizing a target number of homes and achieving energy savings and demand savings.	Residential HVAC drives the largest amount of energy (kWh) & demand (kW) savings in our residential portfolio.	Outcomes include greater comfort in the home and energy and demand savings for the homeowner.	New homes that are more energy efficient and achieve higher energy and demand savings.
Cost effectiveness of the program – UCT *score (FY 21)	.85 UCT	4.52 UCT	2.96 UCT	1.71 UCT

* The Utility Cost Test (UCT) is equivalent to a Return on Investment (ROI), it measures the benefits from STEP programs in relation to their cost. UCT > 1.0 means benefits outweigh the costs

RAC Questions:	Retail Channel Partnerships	Energy Savings Through Schools	Home Energy Assessments + Kits
Program description	Offers point of purchase incentives on ENERGY STAR lighting and room air conditioners at participating retailers.	Incorporates energy efficiency into the 6th grade classroom by equipping teachers, students and parents with in-class curriculum and take-home kits full of energy efficient products.	Offers a free in-person assessment helping customers identify energy saving opportunities in their home, which may also include LED lighting and a Wi-Fi programmable thermostat directly installed during the home visit.
Program Launch	2009	2016	2016
Annual program spend	$1.37 million	$0.36 million	$1.48 million
Customer participation (last 5 Years)	311,660	52,108	29,535
Application Process	Retail program apply discounts on lighting products at the point of purchase.	Educators submit applications for classroom participation.	Customers can apply online or sign-up at an outreach event.
Target Customers	Customers in the market for new light bulbs or room air conditioners.	6th grade students and parents.	Customers seeking feedback on how to become more energy efficient.
Program goal	This program targets to influence customer's buying behavior in-store at the time of purchase. Over the last two years, focus has been on offering discounts at 99cent stores, Habitat for Humanity ReHabitat, and Walmart stores in underserved areas.	Educate students on home efficiency and encourage the students to apply these principles at their homes.	Offers a free assessment in which the assessor will provide a report on the home and install thermostat, LED lights and water saving measures.
Program outcomes	Customer receive instant rebates on purchasing more efficient lighting equipment.	Students are educated on energy efficiency ideas, and receive a kit with LED bulbs, pipe wrap and low flow aerator and show heads to be installed in homes.	Provide customers a free in-home assessment to help them identify opportunities to be more efficient.
Cost effectiveness of the program – UCT *score (FY 21)	1.62 UCT	1.33 UCT	1.44 UCT

* The Utility Cost Test (UCT) is equivalent to a Return

RAC Questions:	Cool Roof	C&I Solutions	Schools & Institution	Small Business
Program description	Offers incentives to homeowners to install qualified ENERGY STAR certified roofing products which reduce the energy required to cool a home by reflecting solar energy, lowering roof surface temperatures.	Energy assessments help business customers identify opportunities and rebate offerings for energy efficiency measures including lighting, HVAC, and refrigeration.	Offers incentives to schools and government agencies to reduce energy use through benchmarking, technical assistance, energy master planning workshops, and rebate offerings for energy efficiency measures.	Offers incentives to small business customers for installing energy efficiency measures.
Program Launch	2017	2009	2016	2016
Annual program spend	12389	$6.41 million	$2.37 million	$2.69 million
Customer participation (last 5 Years)	154	2,261	742	1,861
Application Process	Roofing company may submit application on behalf of the customer, or customer can submit a paper application or online application.	Trade allies can submit application on behalf of the customer, or customer can submit a paper application or online application.	Trade Allies may submit application on behalf of the customer, or customer can submit a paper application or online application.	The small business program engages trade allies and suppliers to offer discounts directly to qualifying customers.
Target Customers	Customers replacing their roof and looking to be more energy efficient.	Commercial and industrial customers seeking to replace or upgrade older equipment, or to maintain current equipment.	Schools and governmental agencies looking for assistance with becoming more efficient.	Small business customers with less than 100 kW demand.
Program goal	Encourage customers to install a cool roof that reflects heat and thereby reduces the amount of energy required to cool the home.	Encourage customers to upgrade or replace older equipment with new high efficiency equipment or maintain the efficiency of a building or HVAC equipment.	Assist customers in developing an energy master plan and identify energy savings projects.	To make efficiency simple and effortless for small businesses by empowering a network of trade allies to offer discounts on lighting and HVAC tune-ups.
Program outcomes	Encourage customers to install Cool Roof, and also reduce the urban heat island effect.	Encourage business customers to replace or maintain aging equipment and improve their energy performance.	Assist schools and government agencies in developing and executing an energy master plan and provide incentives to pursue identified projects.	Increased participation in energy efficiency programs from small business customers.
Cost effectiveness of the program – UCT *score (FY 21)	4.84 UCT	3.31 UCT	2.21 UCT	4.34 UCT

* The Utility Cost Test (UCT) is equivalent to a Return

RAC Questions:	Smart Thermostat	Power Players	Nest Thermostat Program	Bring You Own Thermostat
Program description	Offers a free Honeywell programmable thermostat to participating customers. CPS Energy communicates to the thermostat to cycle off the compressor during periods of peak demand in the summer (June – September).	Utilizes gamification and behavioral science strategies to encourage customers to lower energy use on peak demand days.	Offers a free Nest Learning Thermostat for Home Energy Assessments, Weatherization and a free self-installation program.	Offers incentives to customers who purchase and install a qualifying smart thermostat and enroll in the demand response program.
Program Launch	2009	2017	2017	2014
Annual program spend	$2.32 million	$0.75 million	$2.07 million	$1.84 million
Customer participation (last 5 Years)	102,373	336,593	15,703	31,333
Application Process	Customers can apply online or call to set an appointment for in-home installation of the thermostat.	Customers are pre-selected to participate in the program based on their energy usage patterns.	CPS Energy reaches out to customer to offer Nest thermostats or install during in-home services.	Customers receive an offer to enroll while registering their new thermostat device through their app.
Target Customers	Customers with central air and non-programmable thermostats.	Large energy users that are not currently enrolled on a thermostat program.	Customers with central air conditioning.	Customers that purchase and install qualifying thermostats.
Program goal	Replace older non-programmable thermostats with newer, smarter thermostats that serve a dual purpose: help customers save energy and allow us to lower demand on peak days.	Encourage customers to reduce energy usage on peak days and provide a comparison tool to show customers how they are doing compared to similar homes.	This program is designed increase the penetration of these energy savings thermostats in our customer homes.	Incentivize customers for purchasing and installing a qualified smart thermostat and enrolling in our demand response program.
Program outcomes	Customers save energy with a programmable thermostat and while providing the ability to lower demand on peak days.	Program has been shown to encourage customers to lower energy use on peak days.	Customers received a free Nest thermostat that actively saves energy and lowers demand on peak days.	Customer thermostats are available to reduce load on peak days which is a major contributor to peak reduction.
Cost effectiveness of the program – UCT *score (FY 21)	1.79 UCT	2.65 UCT	2.19 UCT	5.86 UCT

* The Utility Cost Test (UCT) is equivalent to a Return

RAC Questions:	C&I DR	Residential Solar	Community Solar	SolarHostSA
Program description	Incentivizes Commercial & Industrial customers to reduce energy use during times of peak summer demand. Demand Response customers take steps to lower their facilities' energy demand for a 1 to 3-hour curtailment period. The performance is evaluated, and incentives are tied to the customers' ability to reduce demand.	CPS Energy offers rebates to customers to help offset the upfront cost of installing a solar system on their home or business.	Provides customers a new pathway to going solar. They can purchase panels in a community solar array and receive credits for their output on their CPS Energy bill.	The SolarHostSA program works as a long-term generation contract for solar energy that is produced locally, on the distribution system
Program Launch	2010	2008	2016	2016
Annual program spend	$4.3 million	$20.2 million	-	-
Customer participation (last 5 Years)	754	19,456	716	599
Application Process	Customers enroll in the program through their CPS Energy account manager.	Solar contractors typically submit applications on behalf of the customer.	Customers can purchase panels through our website.	Customers can apply through our website.
Target Customers	Commercial and industrial customers capable of making temporary adjustments to business operations during times of peak demand.	Residential or commercial customers interested in installing solar at their home or business.	Customers interested in going solar but not on their roof top. Ideal for renters or customers who live in historical areas or have shading on their rooftops.	Customers who otherwise could not afford to make an investment in solar PV.
Program goal	Work with our largest customers to identify opportunities to lower their energy use on peak days.	The solar rebate program encourages the adoption of renewable energy in the community.	Lower the barriers to solar participation and give customers another option for owning solar panels.	Give customers the opportunity to host Solar generators and to earn financial rewards for doing so.
Program outcomes	Our largest customers are incentivized with rebates to lower their energy demand on peak days.	Customer-owned solar is growing as the cost of solar has come down.	A new segment of customers have a pathway for going solar at a reasonable cost.	A new segment of customers have a pathway for going solar.
Cost effectiveness of the program – UCT *score (FY 21)	2.37 UCT	4.59 UCT	4.79 UCT	.93 UCT (FY 18)

* The Utility Cost Test (UCT) is equivalent to a Return

RAC Questions:	Smart Rewards	Off-Peak Rewards
Program description	CPS Energy offers rebates to customers who allow us to temporarily pause electric vehicles charging during times of peak demand.	CPS Energy offers rebates to customers who choose not charge during peak times.
Program Launch	2021	2021
Annual program spend	New Pilot with $0.5 million shared budget.	New Pilot with $0.5 million shared budget.
Customer participation (last 5 Years)	44	15
Application Process	Customers can enroll through an online application or through the charger.	Customers can enroll through an online application or through the charger.
Target Customers	Residential customers with a qualified charger.	Residential customers with a qualified charger.
Program goal	Smart Rewards works to lower the impact of charging electric vehicles on peak demand.	Off-Peak Rewards works to lower the impact of charging electric vehicles on peak demand.
Program outcomes	Customer EV chargers are available to reduce load on peak days.	Customer EV customers are available to reduce load on peak days.
Cost effectiveness of the program – UCT *score (FY 21)	Pilot in progress	Pilot in progress

* The Utility Cost Test (UCT) is equivalent to a Return