



# MOU/CO-OP ENERGY EFFICIENCY PROGRAMS REPORTING FORM

For: Electric Cooperatives that had retail sales of more than 500,000 megawatt hours in 2005, and Municipally-Owned Utilities



**Purpose of this document:** As mandated by the 82<sup>nd</sup> Legislature (2011), beginning April 1, 2012, all electric cooperatives that had retail sales of more than 500,000 megawatt hours in 2005 and all municipally owned utilities must report each year to the State Energy Conservation Office (SECO), on a standardized form developed by SECO, information regarding the combined effects of the energy efficiency activities of the electric cooperative/utility from the previous calendar year, including the annual goals, programs enacted to achieve those goals, and any achieved energy demand or savings goals. [Sections 39.9051 and Section 39.9052 of the Utilities Code].

This form is intended to partially fulfill the reporting requirement. Please provide all the information requested below.

**DATA FOR A CONSECUTIVE 12-MONTH PERIOD:**

MOU/Co-op: CPS Energy

Beginning: 2 / 1 / 2012 Ending: 1 / 31 / 2013  
 mm dd yyyy mm dd yyyy

CONTACT PERSON (Name & Title): Jesse Hernandez Interim Director Customer Solutions & Delivery

ADDRESS: 145 Navarro

PO Box 1771

CITY: San Antonio ZIP: 78296

Please attach a copy of the detailed report containing the below information.

PHONE: 210 353-6272 EMAIL: JHERNANDEZ1@CPSENERGY.COM

Energy Efficiency Program	Estimated Electric Peak Demand Savings (kW)	Estimated Electricity Use Savings (kWh)	Estimated Natural Gas Increase From Fuel Switching – If Applicable Specify Units: <input type="checkbox"/> CCF <input type="checkbox"/> MCF <input type="checkbox"/> Therms	Other Program Performance Metric
HVAC	8924.49	8988123.91	NA	
Residential Air Flow	270.18	437068.31	NA	
Residential Attic Insulation	265.66	2016057.61	NA	
Weatherization	682	3934626	NA	
Commercial Lighting	13575	68993968.78	NA	
Appliance Recycling	198.51	1497379.91	NA	
Custom programs	756	5570088	NA	
Demand Response	105906	0	NA	
Solar	3,671.22	5,765,507	NA	
New Construction	2566	13268141.19		

**CPS ENERGY**  
**Quarterly STEP Report to the**  
**CITY OF SAN ANTONIO**

**4th QUARTER**  
**FOR CPS ENERGY FISCAL YEAR 2013**

**Prepared February 2013**

## **Executive Summary**

Ordinance 2009-05-21-0399 authorizes the funding of the CPS Energy conservation and sustainability STEP (Save for Tomorrow Energy Plan) program. The STEP Program is a demand management program designed to encourage customers to improve the energy efficiency of their homes, buildings and processes, thereby saving electricity and reducing system demand. The goal of the program is to avoid 771 megawatts (MW) of demand growth between 2009 and 2020. The 771 MW is equivalent to the capacity of a large power plant. To put this into perspective, the CPS Energy Spruce 1 power plant generates 575 MW and the newest Spruce 2 generates 750 MW of electricity.

In the short term, all customers will enjoy the benefits of a reduction in overall system fuel costs. Those participating proactively in the programs by installing high-efficiency air conditioning/heating units, installing a Peak Saver programmable thermostat, and home efficiency updates will lower their energy use and monthly bills. In the long term, customers will benefit from a delay in the need for additional generation capacity and the rate increases to support the additional capacity. In addition, approximately 111 contracting firms have participated in our commercial and industrial rebate programs, 665 contracting firms have participated in our residential rebate programs, and 24 contracting firms have participated in our solar rebate programs. This work is good for our local economy.

For the purpose of accountability and transparency, specific procedures have been outlined and noted in the City Ordinance that supports STEP. The quarterly reports are part of the accountability procedures used to assist City staff in evaluating the program in terms of savings and total costs, which are estimated at \$849 million over the 11 year period. The annual cost ranges from \$12.3 million to \$90 million, approximately \$8 million of which is currently recovered in the base rates, and the remaining amount is recovered through an adjustment in the fuel surcharge.

Since inception in CPS Energy FY2009, CPS Energy has quantified a cumulative demand reduction of approximately 273 MW or 272,868 kilowatts (kW).

## **Program Expectations**

The use of demand side management energy programs such as STEP enables customers who participate directly in the program to lower their utility bills almost immediately. Those customers who do not directly participate still benefit in the short run because lower kilowatt per hour system usage will reduce overall system fuel costs and produce fuel savings to all customers. All customers benefit in the long term as CPS Energy will be able to postpone the need for building additional generation capacity and raising utility rates to finance the construction of new generation.

**For FY2013 the goal is to reduce demand by 128 MW (128,000 kilowatts).**

Another program expectation exhibited in the City Ordinance is the STEP Funding Accountability Procedures CPS Energy must follow. The procedures are listed below:

- All funds collected for STEP programs, either from base rates or through the fuel adjustment, must be accounted for separately.
- CPS Energy shall provide an annual report, prepared by an independent third party consultant, to the City which quantifies the kilowatt savings from STEP expenditures by customer class and other measures deemed necessary by the City.
- Based on the report provided and the amount of STEP expenditures determined to be eligible for recovery through the fuel adjustment, CPS Energy will calculate the annual kilowatt per hour charge. The report will be reviewed and approved by City staff before implementation of the kilowatt per hour charge.
- City staff will monitor the recovery through the fuel adjustment on a monthly basis. Annually, the amount of under or over recovery, if any, will be determined and the fuel adjustment will be adjusted accordingly to ensure that only the amount of eligible STEP expenditures are recovered.
- CPS Energy must maintain documentation of all STEP expenditures, by customer class and other measures deemed necessary by the City.
- CPS Energy shall provide quarterly reports to the City staff which show year to date STEP expenditures by program and customer class, funds accumulated and estimated kilowatt savings, and other measures deemed necessary by the City.
- Examples of detailed quarterly report information include but are not limited to the following: number of kilowatt saved by customer class and program type; the number of participants and contractors; geographic area and council district program activity; and, total costs/expenditures by program type.
- CPS Energy shall provide an annual report to the City which shows the incentive payments made as a result of the Commercial Demand Response program for the prior 12 months and other measures deemed necessary by the City.
- A quarterly report detailing information shall be made available to the public with sufficient protection regarding confidential information as deemed necessary by the City.

### **Funding Recovery**

The total cost of the STEP Program during the 2009 to 2020 time period is estimated at \$849 million with an annual cost ranging from \$12.3 million to \$90 million, of which approximately \$8 million annually is to be recovered in base rates. The remaining annual amount would be recovered through an adjustment in the fuel surcharge. The cost recovery would occur in the following fiscal year and be subject to third party review and verification of incremental kilowatt reduction. Customers could offset the additional costs of these fuel surcharges by implementing some of the STEP energy efficiency measures.

The CPS Energy fiscal year runs from February 1<sup>st</sup> through January 31<sup>st</sup>, and the fiscal year is denoted by the year in which the fiscal year ends. For example, CPS Energy FY 2013 would be the period from February 1, 2012 through January 31, 2013.

Following is a synopsis of STEP recovery to date and the recoverable amounts for the recovery that started in August of 2012 for fiscal year ending in 2012 (FY2012):

Table 1:

Fiscal Year	Recoverable Amounts	Actual Recovery	Cumulative Over/Under
2009	\$3,489,514	\$4,060,315	\$570,801
2010	\$11,671,707	\$13,942,711	\$2,290,767
2011	\$17,429,956	\$19,907,374	\$2,609,223
2012	\$30,697,067	TBD(AUG12-June 13)	TBD

For the calculations of the adjustments to the fuel surcharge listed below, a majority of the Over Recovery was taken into account, and the remaining amounts will be taken into account when the FY 2013 fuel surcharge adjustment is calculated.

FY	Incremental STEP Cost	Recovery Period	Residential Impact per 1000 kWh
			STEP
2009	\$3.5M	Jul09-Jul10*	\$0.21
2010	\$11.7M	Aug10-Jul11*	\$0.77
2011	\$17.4M	Aug11-Jul12*	\$1.09
2012	\$28.2M	Aug12-Jun13	\$1.74

\*Note: Recovery Period for FY 2009, originally Jul09-Jun10, was extended thru Jul10 while City staff evaluated FY 2010 expenses.  
 Recovery Period for FY 2010, originally Aug10-Jun11, was extended thru Jul11 while City staff evaluated FY 2011 expenses.  
 Recovery Period for FY 2011, originally Aug11-Jun12, was extended thru Jul11 while City staff evaluated FY 2012 expenses.

As noted in table 1 above, a new STEP recovery factor was implemented in August 2012, with recovery going through June 2013. This recovery factor was based on the CPS Energy FY2012 STEP expenditures of \$39,540,728, and once the base rate recovery and the previous years over recovery were removed, this left \$28,174,966 to be recovered in the adjustment to the fuel surcharge.

## **Residential Programs**

HVAC Program – offers incentives for the purchase of eligible high efficiency central air conditioners, heat pumps and room air conditioners.

Home Efficiency Program – targets a wide range of energy efficiency measures that save cooling and heating energy in existing homes.

Air Flow Program – offers incentives for repair and/or replacement of duct work to improve the overall efficiency of heating and cooling system.

Peak Saver Program – a residential air-conditioner demand response control program. CPS Energy will install a free Honeywell programmable thermostat in participating customers' homes when they enroll in the program. CPS Energy uses the thermostat to cycle off the compressor of participating air conditioners during periods of peak demand throughout the summer (May – September).

Solar Photovoltaic & Water Heaters – offers incentives for the installation of both solar photovoltaic systems and solar water heaters.

New Residential Construction – offers incentives to developers to build at least 15% more energy efficient than current CoSA building codes.

Refrigerator Recycling – offers incentives to homeowners to recycle old/extra refrigerators and freezers to remove inefficient appliances from use.

Compact Fluorescent Lamps (CFL) Program – The CFL program has been phased out; however, CPS Energy continues to distribute 10,000 to 15,000 CFL bulbs annually through various customer events like National Night Out and Earth Day Celebrations. Additionally, upon request CPS Energy will donate a small number of CFL bulbs to organizations that will utilize them to promote energy efficiency within our customer service area.

## **Commercial Programs**

Lighting – offers incentives to customers who install efficient lighting in their facilities. Incentives are offered for both retrofit and new construction projects.

HVAC Program – offers incentives for the installation of high efficiency unitary AC equipment, heat pump and chillers.

Roof Coating Programs – offers incentives for the installation of reflective roofing.

Lean Clean Energy – offers incentives for industrial customers to evaluate their energy use and make efficiency upgrades.

New Commercial Construction – offers incentives to developers to build at least 15% more energy efficient than current CoSA building codes.

Commercial Custom – provides a comprehensive platform for cost-effective efficiency measures not addressed by the other commercial rebate offerings.

Other Commercial Programs – includes incentives for the installation of custom projects.

### **Additional Programs**

Casa Verde - Is a weatherization assistance program designed to help families in need reduce their monthly utility bills. Eligible participants, whether they are homeowners or renters, may receive free weatherization upgrades designed to increase the energy efficiency of their homes.

Home Manager – Is an innovative home energy management system, designed by Consert, Inc. Wireless devices are placed on a participant's air conditioner, water heater and pool pump where applicable, and combined with a new digital thermostat which communicates with an electric meter equipped with an internal communications gateway. This gateway is the brain of the Home Manager system, and it uses a wireless network to relay information between a CPS Energy data center and the system devices installed in the home.

### **CPS Energy FY 2013 4<sup>th</sup> Quarter STEP Report**

Attachment A illustrates the kW reduction and dollars expended for the various commercial and residential efficiency and demand response programs. The data are presented for the 4<sup>th</sup> Quarter only. Since the fiscal year for CPS Energy runs from February 1 to January 31, the 4<sup>th</sup> Quarter covers November 1, 2012 through January 31, 2013.

Attachment B shows the 4<sup>th</sup> Quarter rebate dollars broken down by City Council District. The table shows the numerical data, and the charts are a graphical representation of the numerical data. This attachment does not include Peak Saver, Home Manager or Demand Response installations, as these are demand response programs and not energy efficiency per se, nor does it include New Construction installations as these rebates are provided directly to home builders and not to individual customer accounts.

Attachment C shows the 4<sup>th</sup> Quarter number of rebates broken down by City Council District. The table shows the numerical values, and the charts are a graphical representation of the numerical data. This attachment does not include Peak Saver, Home Manager or Demand Response installations, as these are demand response

programs and not energy efficiency per se, nor does it include New Construction installations as these rebates are provided directly to home builders and not to individual customer accounts.

Attachment D shows the cumulative rebate dollars broken down by City Council District. The table shows the numerical data, and the charts are a graphical representation of the numerical data. This attachment does not include Peak Saver, Home Manager or Demand Response installations, as these are demand response programs and not energy efficiency per se, nor does it include New Construction installations as these rebates are provided directly to home builders and not to individual customer accounts.

Attachment E shows the cumulative number of rebates broken down by City Council District. The table shows the numerical values, and the charts are a graphical representation of the numerical data. This attachment does not include Peak Saver, Home Manager or Demand Response installations, as these are demand response programs and not energy efficiency per se, nor does it include New Construction installations as these rebates are provided directly to home builders and not to individual customer accounts.

Attachment F illustrates the cumulative rebate locations overlaid on a map of Bexar County and the City Council Districts. As with Attachments A – E, Peak Saver and Home Manager installations are not included in the data, as these are demand response and not an energy rebate program.

Attachment G illustrates the cumulative rebate locations overlaid on the various census tract income segments.

## 4th Quarter Energy Efficiency & Demand Response Summary Nov 1, 2012 - Jan 31, 2013

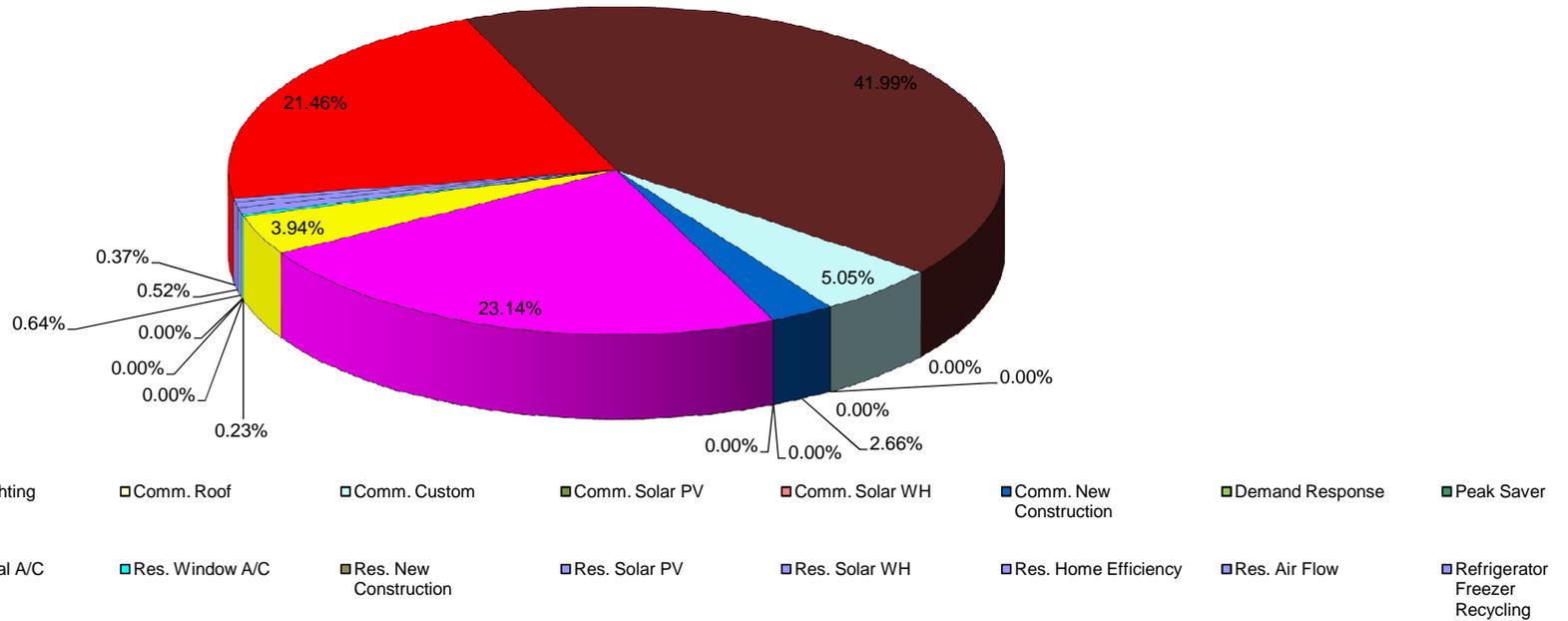


	Comm. HVAC	Comm. Lighting	Comm. Roof	Comm. Custom	Comm. Solar PV	Comm. Solar WH	Comm. New Construction	Demand Response	Peak Saver	Home Manager	Res. Central A/C	Res. Window A/C	Res. New Construction	Res. Solar PV	Res. Solar WH	Res. Home Efficiency	Res. Air Flow	Refrigerator Freezer Recycling	Total
<b>kW reduction</b>	2740.15	5362.10	0.00*	645.00	942.56**	N/A	340.00	0.00	0.00	2955.00	502.75	29.42	0.00	625.77**	N/A	81.28	66.04	47.01	<b>12,769</b>
<b>Rebate Dollars</b>	\$1,001,651	\$3,769,572	\$0	\$574,607	\$1,746,429	\$0	\$109,408	\$60	\$1,527,851	\$5,282,716	\$453,803	\$21,150	\$0	\$1,267,567	\$6,000	\$214,198	\$164,480	\$33,410	<b>\$16,172,902</b>

\* kW savings calculated at completion of M&V Report

\*\*kW reduction for solar programs are reflecting Expected Savings; this is a change from using PVWatts

**kW reduction \***



\* RESULTS HAVE NOT BEEN AUDITED. FINANCIAL INFORMATION CONTAINED WITHIN THE STEP QUARTERLY REPORT SOLELY REFLECTS THE REBATES ALLOCATED IN ACCORDANCE TO CPS ENERGY CUSTOMER DEMAND. THIS FINANCIAL INFORMATION IS ONLY A PORTION OF THE TOTAL STEP EXPENDITURES. ACTUAL STEP EXPENDITURES, CONFIRMED BY AN INDEPENDENT THIRD-PARTY, ARE STATED WITHIN THE ANNUAL STEP MEASUREMENT AND VERIFICATION (M&V) REPORT. THE INFORMATION AND DATA PROVIDED ON THE REPORT IS PROVIDED FOR REFERENCE PURPOSES ONLY AND IS PROVIDED TO THE USER OF THIS REPORT "AS IS" WITHOUT ANY WARRANTIES OF ANY TYPE, EXPRESS OR IMPLIED. CPS ENERGY DOES NOT WARRANT, REPRESENT OR GUARANTEE THAT THE INFORMATION OR DATA PROVIDED IN THIS REPORT IS CORRECT, ACCURATE OR FIT FOR ANY PARTICULAR USE OR PURPOSE BY USER OF THIS REPORT AS OF THE DATE THE REPORT IS PROVIDED TO USER OR OTHERWISE.

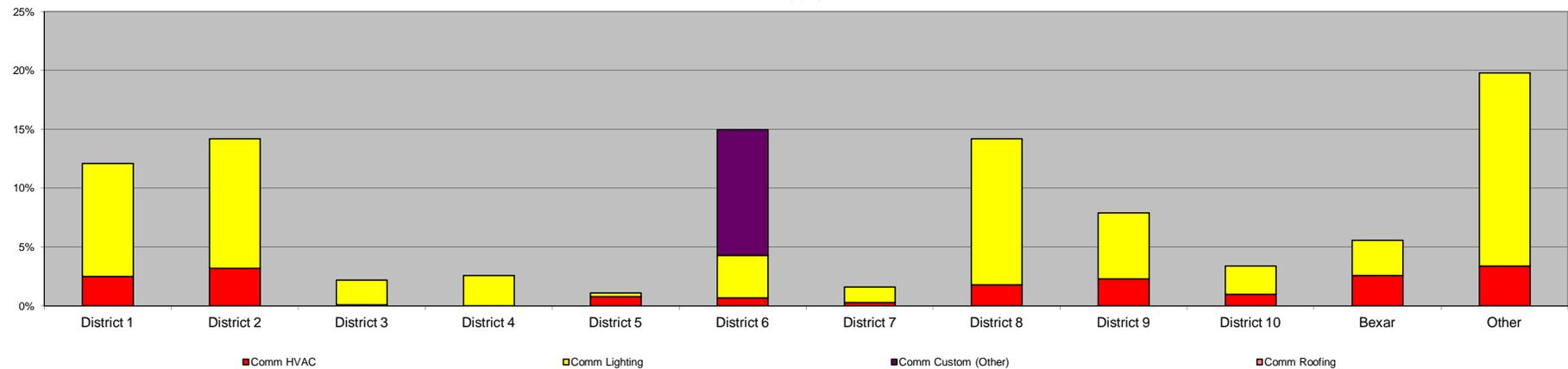
# Attachment - B

4th Quarter  
Nov 1, 2012 - Jan 31, 2013  
Rebates \$ by Council District

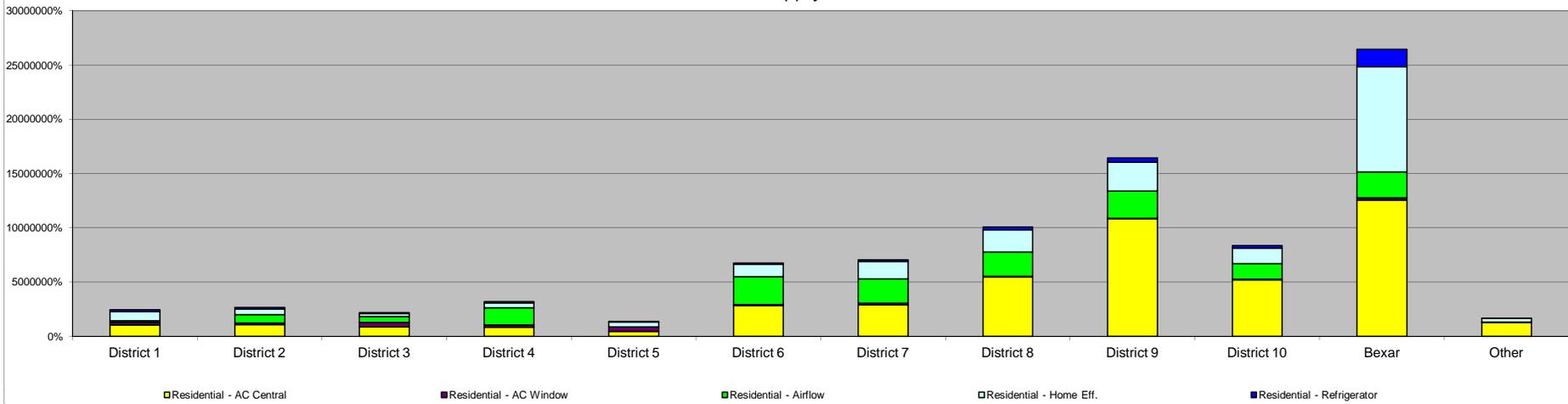


Rebate Dollars (\$)													
	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other	Total
Comm HVAC	\$ 132,145	\$ 169,160	\$ 5,850	\$ 1,500	\$ 45,000	\$ 39,000	\$ 14,650	\$ 95,025	\$ 124,285	\$ 54,600	\$ 141,059	\$ 179,377	\$ 1,001,651
Comm Lighting	\$ 513,499	\$ 586,561	\$ 114,836	\$ 138,935	\$ 18,120	\$ 192,601	\$ 71,944	\$ 664,723	\$ 300,812	\$ 129,359	\$ 160,114	\$ 878,068	\$ 3,769,572
Comm Custom (Other)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574,607	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574,607
Comm Roofing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Comm Solar PV	\$ 337,672	\$ 525,323	\$ -	\$ -	\$ -	\$ 193,090	\$ 49,594	\$ 88,618	\$ 49,594	\$ 120,804	\$ 165,799	\$ 215,936	\$ 1,746,430
Comm Solar WH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Commercial Total</b>	<b>\$ 983,316</b>	<b>\$ 1,281,044</b>	<b>\$ 120,686</b>	<b>\$ 140,435</b>	<b>\$ 63,120</b>	<b>\$ 999,298</b>	<b>\$ 136,188</b>	<b>\$ 848,366</b>	<b>\$ 474,691</b>	<b>\$ 304,763</b>	<b>\$ 466,972</b>	<b>\$ 1,273,381</b>	<b>\$ 7,092,260</b>
Residential - AC Central	\$ 10,558	\$ 10,733	\$ 8,565	\$ 8,503	\$ 4,600	\$ 28,338	\$ 28,965	\$ 54,660	\$ 108,223	\$ 52,033	\$ 125,630	\$ 12,998	\$ 453,806
Residential - AC Window	\$ 2,250	\$ 1,550	\$ 4,450	\$ 2,000	\$ 4,250	\$ 850	\$ 1,550	\$ 800	\$ 600	\$ 600	\$ 2,100	\$ 150	\$ 21,150
Residential - Airflow	\$ 1,625	\$ 7,775	\$ 5,375	\$ 15,850	\$ -	\$ 25,780	\$ 22,530	\$ 22,375	\$ 25,115	\$ 14,245	\$ 23,810	\$ -	\$ 164,480
Residential - Home Eff.	\$ 8,328	\$ 5,135	\$ 2,661	\$ 4,558	\$ 4,209	\$ 11,361	\$ 16,120	\$ 20,373	\$ 26,720	\$ 14,580	\$ 96,777	\$ 3,377	\$ 214,199
Residential - Refrigerator	\$ 1,695	\$ 1,360	\$ 730	\$ 1,065	\$ 660	\$ 1,325	\$ 1,395	\$ 2,500	\$ 3,765	\$ 2,365	\$ 16,150	\$ 400	\$ 33,410
Residential - Solar PV	\$ 14,965	\$ 11,411	\$ 3,353	\$ 11,392	\$ -	\$ 71,200	\$ 9,732	\$ 95,146	\$ 167,165	\$ 45,132	\$ 621,230	\$ 216,841	\$ 1,267,567
Residential - Solar H2O	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500	\$ -	\$ -	\$ 1,500	\$ -	\$ 3,000	\$ -	\$ 6,000
<b>Residential Total</b>	<b>\$ 39,421</b>	<b>\$ 37,964</b>	<b>\$ 25,134</b>	<b>\$ 43,368</b>	<b>\$ 13,719</b>	<b>\$ 140,354</b>	<b>\$ 80,292</b>	<b>\$ 195,854</b>	<b>\$ 333,088</b>	<b>\$ 128,955</b>	<b>\$ 888,697</b>	<b>\$ 233,766</b>	<b>\$ 2,160,612</b>
<b>Total</b>	<b>\$ 1,022,737</b>	<b>\$ 1,319,008</b>	<b>\$ 145,820</b>	<b>\$ 183,803</b>	<b>\$ 76,839</b>	<b>\$ 1,139,652</b>	<b>\$ 216,480</b>	<b>\$ 1,044,220</b>	<b>\$ 807,779</b>	<b>\$ 433,718</b>	<b>\$ 1,355,669</b>	<b>\$ 1,507,147</b>	<b>\$ 9,252,872</b>

Commercial Rebates (\$) by Council District w/o Solar



Residential Rebates (\$) by Council District w/o Solar

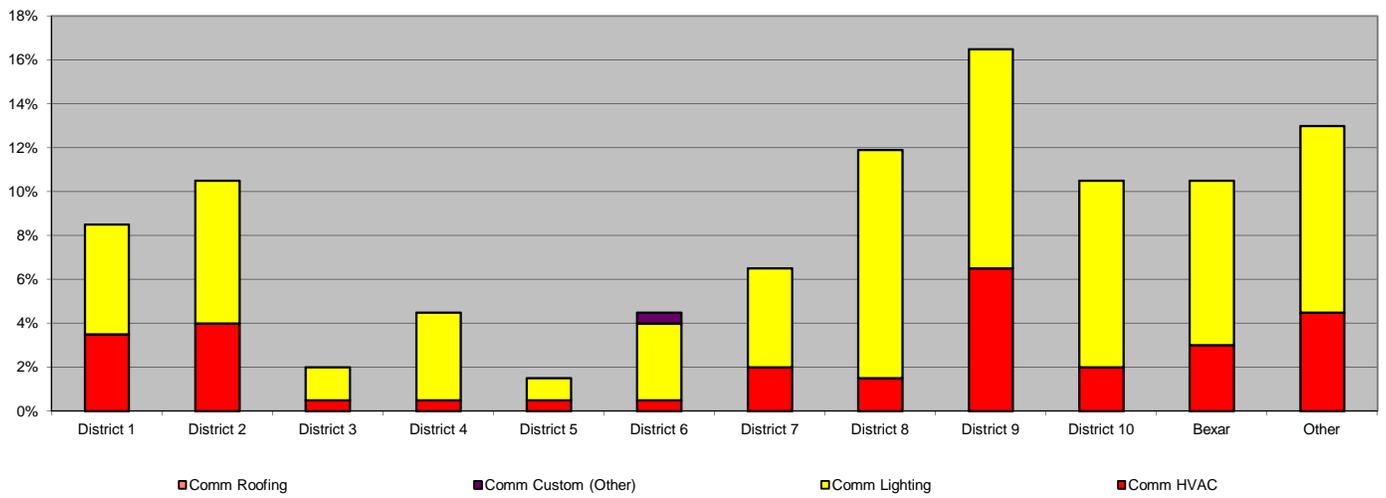


## 4th Quarter Rebates by Council District Summary Nov 1, 2012 - Jan 31, 2013

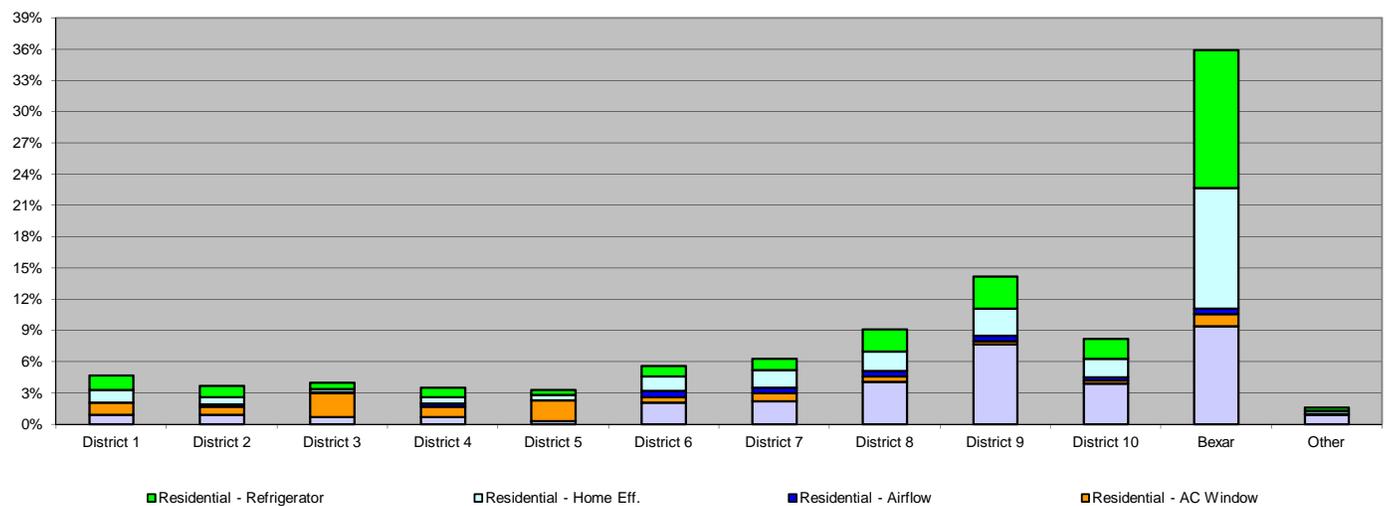


	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other Counties	Total
Comm HVAC	7	8	1	1	1	1	4	3	13	4	6	9	58
Comm Lighting	10	13	3	8	2	7	9	21	20	17	15	17	142
Comm Custom (Other)	0	0	0	0	0	1	0	0	0	0	0	0	1
Comm Roofing	0	0	0	0	0	0	0	0	0	0	0	0	0
Comm Solar PV	5	5	0	0	0	4	1	2	1	3	3	4	28
Comm Solar WH	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Commercial</b>	<b>22</b>	<b>26</b>	<b>4</b>	<b>9</b>	<b>3</b>	<b>13</b>	<b>14</b>	<b>26</b>	<b>34</b>	<b>24</b>	<b>24</b>	<b>30</b>	<b>229</b>
Residential - AC Central	21	21	17	16	7	51	53	99	187	95	227	23	817
Residential - AC Window	30	19	55	25	48	11	20	13	7	7	29	2	266
Residential - Airflow	1	4	3	8	0	14	11	11	11	7	13	0	83
Residential - Home Eff.	29	16	8	14	13	34	42	47	64	44	282	8	601
Residential - Refrigerator	33	26	14	21	12	25	27	50	75	47	320	8	658
Residential - Solar PV	2	2	1	1	0	5	1	6	16	4	38	21	97
Residential - Solar H2O	0	0	0	0	0	1	0	0	1	0	2	0	4
<b>Residential Total</b>	<b>116</b>	<b>88</b>	<b>98</b>	<b>85</b>	<b>80</b>	<b>141</b>	<b>154</b>	<b>226</b>	<b>361</b>	<b>204</b>	<b>911</b>	<b>62</b>	<b>2526</b>
<b>Total</b>	<b>138</b>	<b>114</b>	<b>102</b>	<b>94</b>	<b>83</b>	<b>154</b>	<b>168</b>	<b>252</b>	<b>395</b>	<b>228</b>	<b>935</b>	<b>92</b>	<b>2755</b>

**Commercial Rebates per Council District w/o Solar**



**Residential Rebates per Council District w/o Solar**



RESULTS HAVE NOT BEEN AUDITED. FINANCIAL INFORMATION CONTAINED WITHIN THE STEP QUARTERLY REPORT SOLELY REFLECTS THE REBATES ALLOCATED IN ACCORDANCE TO CPS ENERGY CUSTOMER DEMAND. THIS FINANCIAL INFORMATION IS ONLY A PORTION OF THE TOTAL STEP EXPENDITURES. ACTUAL STEP EXPENDITURES, CONFIRMED BY AN INDEPENDENT THIRD-PARTY, ARE STATED WITHIN THE ANNUAL STEP MEASUREMENT AND VERIFICATION (M&V) REPORT. THE INFORMATION AND DATA PROVIDED ON THE REPORT IS PROVIDED FOR REFERENCE PURPOSES ONLY AND IS PROVIDED TO THE USER OF THIS REPORT "AS IS" WITHOUT ANY WARRANTIES OF ANY TYPE, EXPRESS OR IMPLIED. CPS ENERGY DOES NOT WARRANT, REPRESENT OR GUARANTEE THAT THE INFORMATION OR DATA PROVIDED IN THIS REPORT IS CORRECT, ACCURATE OR FIT FOR ANY PARTICULAR USE OR PURPOSE BY USER OF THIS REPORT AS OF THE DATE THE REPORT IS PROVIDED TO USER OR OTHERWISE.

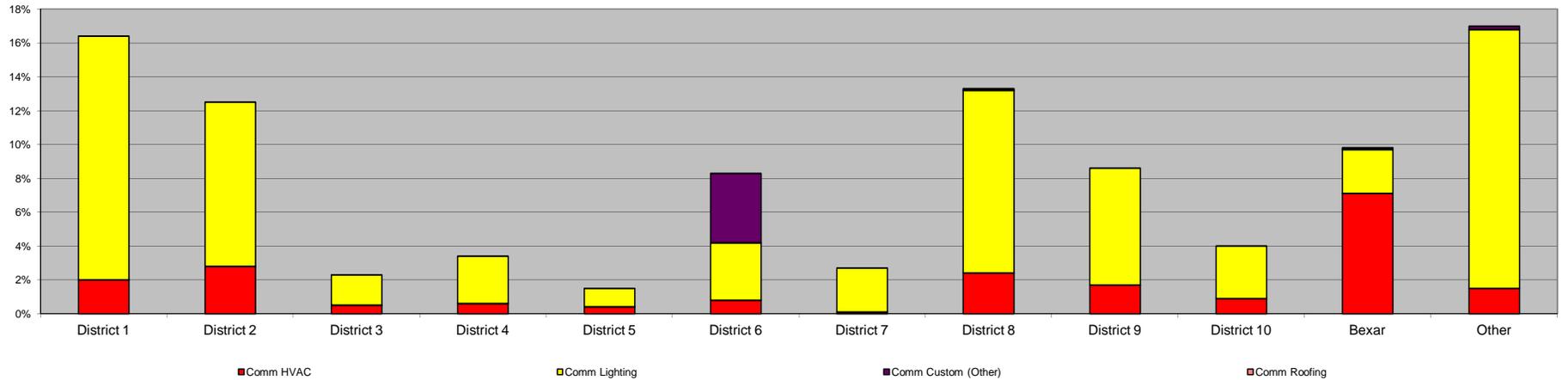
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## Cumulative Feb 1, 2012 - Oct 31, 2012 Rebates \$ by Council District

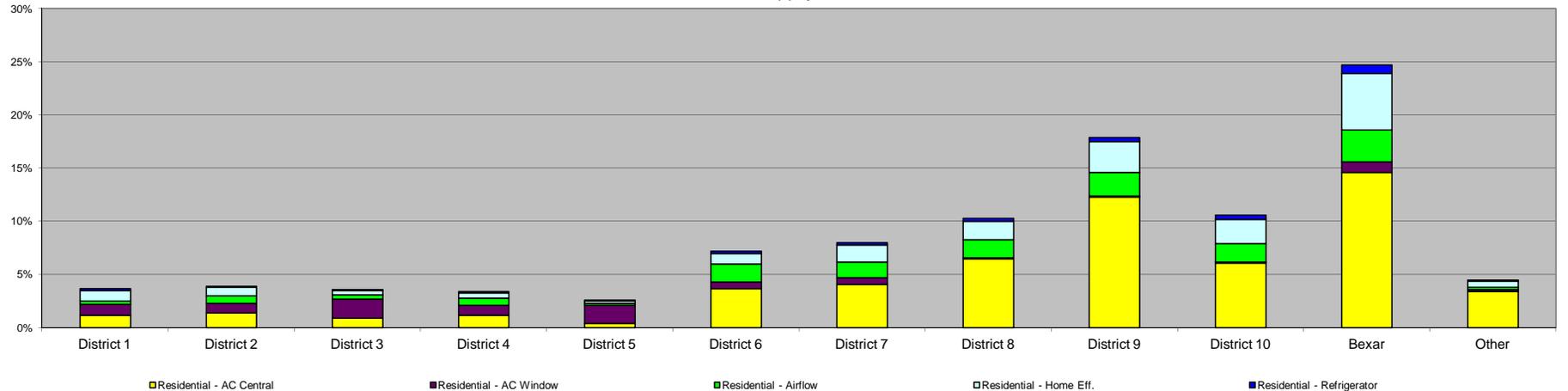


Rebate Dollars (\$)	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other	Total
Comm HVAC	\$ 281,825	\$ 393,179	\$ 68,363	\$ 83,747	\$ 52,800	\$ 115,585	\$ 16,150	\$ 341,575	\$ 241,596	\$ 124,755	\$ 999,584	\$ 216,777	\$ 2,935,936
Comm Lighting	\$ 2,027,113	\$ 1,369,659	\$ 258,527	\$ 397,508	\$ 158,406	\$ 479,495	\$ 367,754	\$ 1,523,622	\$ 966,044	\$ 434,341	\$ 371,611	\$ 2,162,492	\$ 10,516,572
Comm Custom (Other)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574,607	\$ -	\$ -	\$ -	\$ 3,146	\$ -	\$ 31,688	\$ 609,441
Comm Roofing	\$ -	\$ -	\$ 2,740	\$ -	\$ -	\$ -	\$ 5,060	\$ 17,700	\$ 1,250	\$ 470	\$ 11,395	\$ -	\$ 38,615
Comm Solar PV	\$ 517,422	\$ 639,514	\$ -	\$ 64,132	\$ 478,610	\$ 318,311	\$ 112,205	\$ 604,822	\$ 339,231	\$ 245,064	\$ 298,915	\$ 484,753	\$ 4,102,979
Comm Solar WH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92,198	\$ 92,198
<b>Commercial Total</b>	<b>\$ 2,826,360</b>	<b>\$ 2,402,352</b>	<b>\$ 329,630</b>	<b>\$ 545,387</b>	<b>\$ 689,816</b>	<b>\$ 1,487,998</b>	<b>\$ 501,169</b>	<b>\$ 2,487,719</b>	<b>\$ 1,548,121</b>	<b>\$ 807,776</b>	<b>\$ 1,681,505</b>	<b>\$ 2,987,908</b>	<b>\$ 18,295,741</b>
Residential - AC Central	\$ 54,629	\$ 64,694	\$ 40,103	\$ 54,744	\$ 16,625	\$ 168,106	\$ 187,988	\$ 298,856	\$ 564,503	\$ 281,932	\$ 668,468	\$ 155,656	\$ 2,556,304
Residential - AC Window	\$ 46,400	\$ 42,150	\$ 82,750	\$ 39,050	\$ 77,800	\$ 25,550	\$ 29,200	\$ 5,800	\$ 6,500	\$ 6,150	\$ 45,850	\$ 7,150	\$ 414,350
Residential - Airflow	\$ 14,269	\$ 30,393	\$ 17,673	\$ 34,060	\$ 7,365	\$ 76,062	\$ 68,220	\$ 78,820	\$ 99,385	\$ 79,105	\$ 135,900	\$ 9,375	\$ 650,627
Residential - Home Eff.	\$ 44,305	\$ 34,966	\$ 19,517	\$ 24,696	\$ 8,537	\$ 46,779	\$ 71,892	\$ 75,912	\$ 132,824	\$ 103,776	\$ 243,016	\$ 28,829	\$ 835,049
Residential - Refrigerator	\$ 8,090	\$ 4,675	\$ 5,435	\$ 5,545	\$ 3,080	\$ 9,155	\$ 10,565	\$ 13,145	\$ 19,370	\$ 16,115	\$ 38,380	\$ 3,920	\$ 137,475
Residential - Solar PV	\$ 57,726	\$ 19,224	\$ 45,547	\$ 34,974	\$ 10,909	\$ 232,034	\$ 98,742	\$ 350,577	\$ 550,431	\$ 259,011	\$ 2,119,898	\$ 578,078	\$ 4,357,151
Residential - Solar H2O	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500	\$ -	\$ -	\$ 1,500	\$ -	\$ 4,426	\$ -	\$ 7,426
<b>Residential Total</b>	<b>\$ 225,419</b>	<b>\$ 196,102</b>	<b>\$ 211,025</b>	<b>\$ 193,069</b>	<b>\$ 124,316</b>	<b>\$ 559,186</b>	<b>\$ 466,607</b>	<b>\$ 823,110</b>	<b>\$ 1,374,513</b>	<b>\$ 746,089</b>	<b>\$ 3,255,938</b>	<b>\$ 783,008</b>	<b>\$ 8,958,382</b>
<b>Total</b>	<b>\$ 3,051,779</b>	<b>\$ 2,598,454</b>	<b>\$ 540,655</b>	<b>\$ 738,456</b>	<b>\$ 814,132</b>	<b>\$ 2,047,184</b>	<b>\$ 967,776</b>	<b>\$ 3,310,829</b>	<b>\$ 2,922,634</b>	<b>\$ 1,553,865</b>	<b>\$ 4,937,443</b>	<b>\$ 3,770,916</b>	<b>\$ 27,254,123</b>

Commercial Rebates (\$) by Council District w/o Solar



Residential Rebates (\$) by Council District w/o Solar

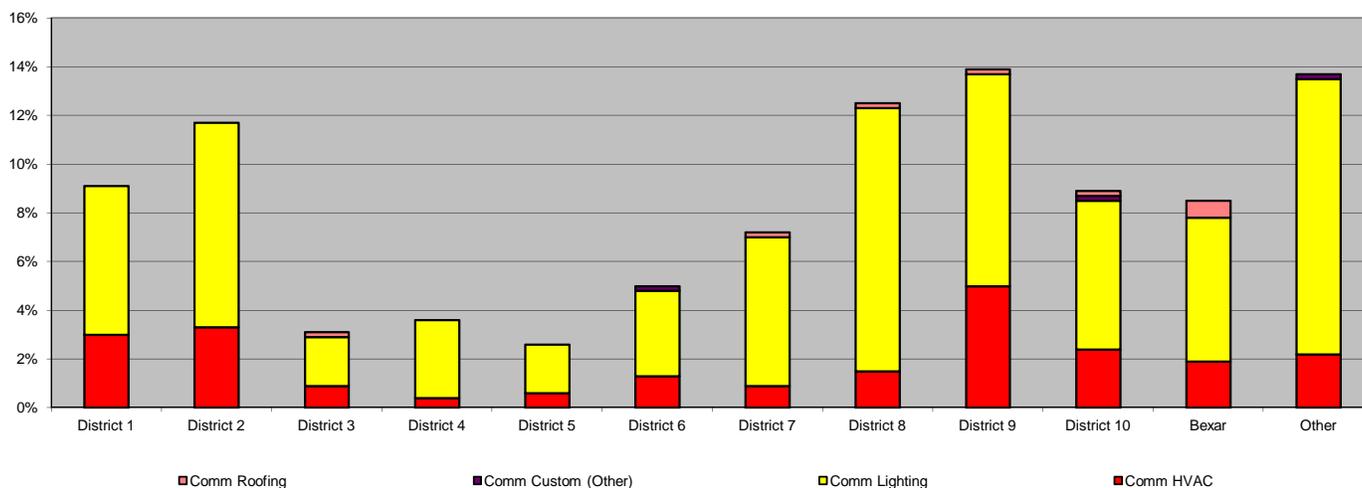


## Cumulative Rebates by Council District Summary Feb 1, 2012 - Oct 31, 2012

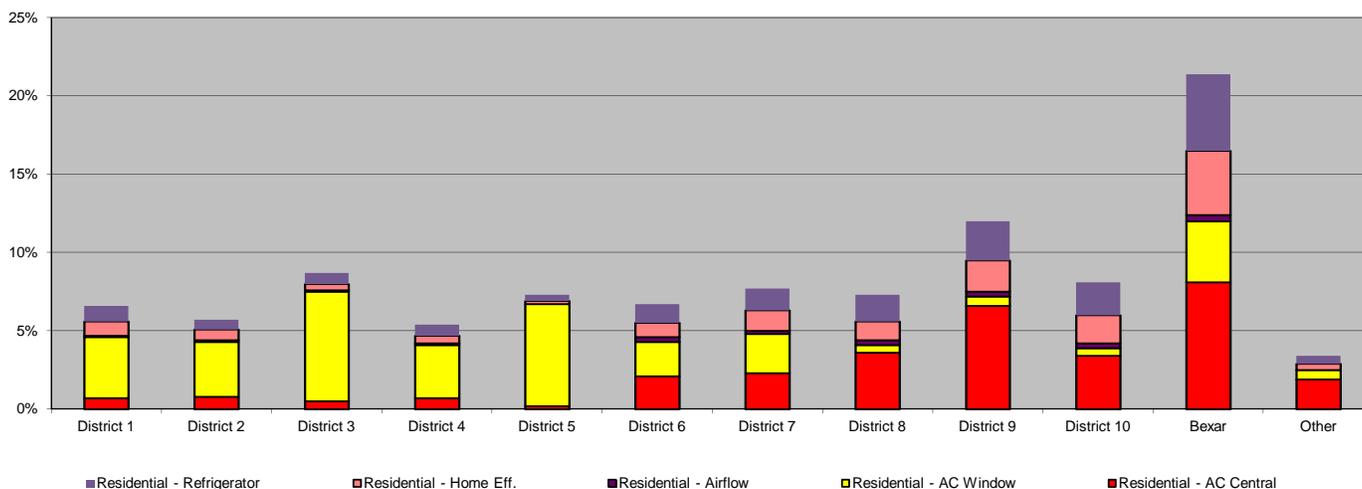


	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other Counties	Total
Comm HVAC	16	18	5	2	3	7	5	8	27	13	10	12	126
Comm Lighting	33	45	11	17	11	19	33	58	47	33	32	61	400
Comm Custom (Other)	0	0	0	0	0	1	0	0	0	1	0	1	3
Comm Roofing	0	0	1	0	0	0	1	1	1	1	4	0	9
Comm Solar PV	8	8	0	1	6	6	2	9	6	5	7	8	66
Comm Solar WH	0	0	0	0	0	0	0	0	0	0	0	1	1
<b>Commercial</b>	<b>57</b>	<b>71</b>	<b>17</b>	<b>20</b>	<b>20</b>	<b>33</b>	<b>41</b>	<b>76</b>	<b>81</b>	<b>53</b>	<b>53</b>	<b>82</b>	<b>604</b>
Residential - AC Central	106	128	74	104	31	324	351	539	1000	513	1227	292	4689
Residential - AC Window	587	528	1057	509	984	326	382	76	92	82	598	90	5311
Residential - Airflow	8	16	9	18	4	39	35	39	48	40	65	5	326
Residential - Home Eff.	137	108	60	69	29	139	194	176	300	272	617	67	2168
Residential - Refrigerator	154	89	103	107	58	175	205	259	376	313	746	76	2661
Residential - Solar PV	7	3	6	3	1	21	12	24	45	21	136	40	319
Residential - Solar H2O	0	0	0	0	0	1	0	0	1	0	3	0	5
<b>Residential Total</b>	<b>999</b>	<b>872</b>	<b>1309</b>	<b>810</b>	<b>1107</b>	<b>1025</b>	<b>1179</b>	<b>1113</b>	<b>1862</b>	<b>1241</b>	<b>3392</b>	<b>570</b>	<b>15479</b>
<b>Total</b>	<b>1056</b>	<b>943</b>	<b>1326</b>	<b>830</b>	<b>1127</b>	<b>1058</b>	<b>1220</b>	<b>1189</b>	<b>1943</b>	<b>1294</b>	<b>3445</b>	<b>652</b>	<b>16083</b>

Commercial Rebates per Council District w/o Solar



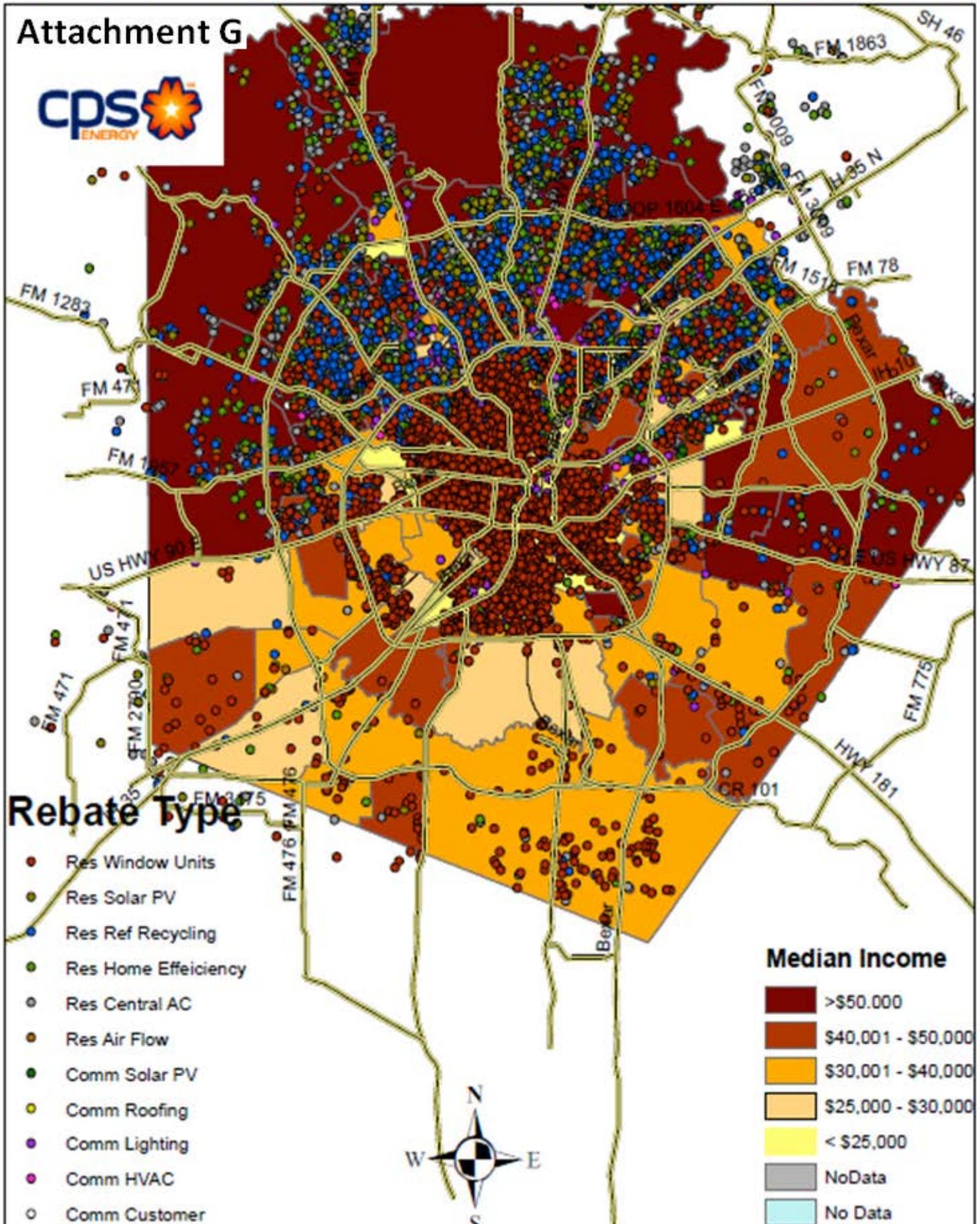
Residential Rebates per Council District w/o Solar



RESULTS HAVE NOT BEEN AUDITED. FINANCIAL INFORMATION CONTAINED WITHIN THE STEP QUARTERLY REPORT SOLELY REFLECTS THE REBATES ALLOCATED IN ACCORDANCE TO CPS ENERGY CUSTOMER DEMAND. THIS FINANCIAL INFORMATION IS ONLY A PORTION OF THE TOTAL STEP EXPENDITURES. ACTUAL STEP EXPENDITURES, CONFIRMED BY AN INDEPENDENT THIRD-PARTY, ARE STATED WITHIN THE ANNUAL STEP MEASUREMENT AND VERIFICATION (M&V) REPORT. THE INFORMATION AND DATA PROVIDED ON THE REPORT IS PROVIDED FOR REFERENCE PURPOSES ONLY AND IS PROVIDED TO THE USER OF THIS REPORT "AS IS" WITHOUT ANY WARRANTIES OF ANY TYPE, EXPRESS OR IMPLIED. CPS ENERGY DOES NOT WARRANT, REPRESENT OR GUARANTEE THAT THE INFORMATION OR DATA PROVIDED IN THIS REPORT IS CORRECT, ACCURATE OR FIT FOR ANY PARTICULAR USE OR PURPOSE BY USER OF THIS REPORT AS OF THE DATE THE REPORT IS PROVIDED TO USER OR OTHERWISE.



# FY 2013 Median Income Rebate Locations



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