CPS ENERGY
Quarterly STEP Report to the
CITY OF SAN ANTONIO

2nd QUARTER
FOR CPS ENERGY FISCAL YEAR 2023

Prepared December 2022

Executive Summary

Ordinance 2009-05-21-0399 authorized the funding of the CPS Energy conservation and sustainability STEP (Save for Tomorrow Energy Plan) program. The STEP Program was designed as a demand management program to encourage customers to improve the energy efficiency of their homes, buildings and processes, thereby saving electricity and reducing system demand. The program was initiated 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 has a generation capacity of 575 MW, and Spruce 2 has a generation capacity of 750 MW.

CPS Energy successfully achieved its STEP goal a year early and under budget, ultimately saving 845 MW. To build on the success of STEP, City Council approved ordinance 2020-01-30-0063 creating a one-year extension (**STEP Bridge)** allowing CPS Energy to achieve an estimated 75 MW of additional demand reduction at a cost of $70 million.

The COVID-19 pandemic in 2020 impacted community engagement and customer participation in **STEP Bridge**. To further support the initiative, City Council approved extending the program through July 2022, allowing for up to an additional 75 MW of demand reduction at a cost of $70 million.

This quarterly report is a part of the accountability procedures established to assist City staff in evaluating the STEP program.

Program Expectations

The demand side management programs in **STEP Bridge** enable 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 system usage reduces overall system costs and produces fuel savings to all customers. All customers benefit in the long term as CPS Energy is able to postpone the need for building additional generation capacity and raising utility rates to finance the construction of new generation.

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 per kilowatt hour charge. The report will be reviewed and approved by City staff before implementation of the per kilowatt 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 kilowatts 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 was $723 million with an annual cost ranging from $12.3 million to $111 million, of which approximately $9 million annually is recovered in base rates. The remaining annual amount is recovered through an adjustment in the fuel surcharge. The cost recovery begins the following fiscal year and is subject to third party review and verification of incremental kilowatt reduction. Customers (can) offset the additional costs of these fuel surcharges by implementing some of the STEP Bridge energy efficiency measures. In FY22, the STEP program cost was $58.3 million.

The CPS Energy fiscal year runs from February 1 through January 31, and the fiscal year is denoted by the year in which the fiscal year ends. For example, CPS Energy FY 2023 would be the period from February 1, 2022 through January 31, 2023.

Following is a synopsis of STEP recovery to date and the recoverable amounts for the recovery that started in July of 2022 for Fiscal Year 2022:

Table 1:

Fiscal Year	Target Recovery	Actual Recovery	Cumulative Over/(Under)
2009	$3,489,514	$4,060,315	$570,801
2010	$12,222,745	$13,942,711	$2,290,767
2011	$19,588,918	$19,907,374	$2,609,223
2012	$30,697,067	$27,495,601	$(592,243)
2013	$50,534,910	$51,158,184	$31,031
2014	$55,407,519	$54,838,828	$(537,660)
2015	$58,425,176	$57,212,156	$(1,750,680)
2016	$62,883,664	$65,273,384	$639,040
2017	$102,210,184	$104,133,945	$2,562,801
2018	$80,735,314	$78,917,724	$744,624
2019	$69,123,763	$68,268,607	$(110,532)
2020	$72,815,072	$74,337,766	$1,412,162
2021	$48,192,727	$46,551,304	($228,805)
2022	$49,264,892	TBD(Jul22-Jun23)	TBD

For the calculations of the adjustments to the fuel surcharge listed below, a majority of the under Recovery was taken into account, and the remaining amounts will be taken into account when the FY 2022 fuel surcharge adjustment is calculated.

			Residential Impact per 1000 kWh
FY	Incremental STEP Cost	Recovery Period	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
2013	$50.8M	Jul13-Jun14	$2.78
2014	$55.0M	Jul14-Jun15	$3.00
2015	$58.4M	Jul15-Jun16	$3.10
2016	$64.7M	Jul16-Jun17	$3.47
2017	$101.6M	Jul17-Jun18	$5.41
2018	$79.0M	Jul18-Jun19	$4.14
2019	$68.4M	Jul19-Jun20	$3.53
2020	$73.2M	Jul20-Jun21	$3.84
2021	$45.9M	Jul21-Jun22	$2.30
2022	$49.3M	Jul22-Jun23	$2.38

As noted in the table above, a new STEP recovery factor was implemented in July 2022, with recovery going through June 2023. This recovery factor was based on the CPS Energy FY2022 STEP expenditures of $58,289,580. Removing the base rate recovery, the recoverable amount for FY2022 was $ 49,264,892.

Summary of 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.

Smart Thermostat Program – offers a residential air-conditioner demand response control program, where CPS Energy installs 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 (June – September).

Bring Your Own Thermostat (BYOT) Program – offers incentives for a residential air-conditioner demand response control program, where a customer selects a programmable thermostat that actually learns their temperature preferences to program itself and automatically adjust to an energy efficient temperature when they're away. CPS Energy has teamed up with Nest, Honeywell, Resideo and Energy Hub to offer customers these thermostats.

Nest Direct Install Program – offers former Home Manager customers the option to replace their older generation devices with a free installed Nest programmable thermostat.

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

New Residential Construction – offers incentives to developers to build new homes at least 15% more energy efficient than required by the current CoSA building code.

Cool Roof – 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.

Retail Channel Partnerships – offers point of purchase incentives on ENERGY STAR lighting and room air conditioners at participating retailers.

Home Energy Assessments – offers a free in-person assessment helping customers identify energy saving opportunities in their home, which may also include LED lighting and a WiFi programmable thermostat directly installed during the home visit.

Energy Savings Through Schools – 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.

Weatherization – offers an 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.

FlexEV Smart Rewards – customers receive a $250 credit on your utility bill for allowing CPS Energy to make remote adjustments to your level 2 WiFi charger. Adjustments can occur between the hours of 2:00 p.m. and 9:00 p.m. Monday-Friday when the demand for energy is high. You'll still have plenty of time for a full charge each night, and you'll earn a $5 credit on your utility bill each month you remain enrolled in the program

FlexEV Off-Peak Rewards - earn a $125 credit on your utility bill for agreeing to charge during off-peak hours. Plus, if you limit your charging to no more than twice monthly during peak hours, you'll earn a $10 credit for the month. Peak hours are Monday-Friday between 4:00 p.m. and 9:00 p.m.

Summary of Commercial Programs

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

C&I Solutions – offers an energy assessment program focused on helping business customers identify opportunities and rebate offerings for energy efficiency measures including lighting, HVAC, and refrigeration.

Schools and Institutions – offers contractor led incentives which focus on helping schools and government agencies reduce energy use through benchmarking, technical assistance, energy master planning workshops, and rebate offerings for energy efficiency measures.

Small Business Solutions – offers contractor led incentives for energy efficiency measures for small business customers with less than 100 kW demand.

Whole Building Optimization – offers contractor led incentives for building optimization, which includes tools and strategies to enhance a facility's operational efficiency.

C&I Demand Response – 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 FY 2023 2nd Quarter STEP Report

Attachment A illustrates the kW reduction and dollars expended for the various residential efficiency and demand response programs. The data are presented for the 2nd Quarter only. Since the fiscal year for CPS Energy runs from February 1 to January 31, the 2nd Quarter covers May 1, 2022 through July 31, 2022.

Attachment B illustrates the kW reduction and dollars expended for the various commercial efficiency and demand response programs. The data are presented for the 2nd Quarter only. Since the fiscal year for CPS Energy runs from February 1 to January 31, the 2nd Quarter covers May 1, 2022 through July 31, 2022.

Attachment C shows the 2nd Quarter residential 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. The Weatherization dollars included only represent the cost of the measures installed. This attachment does not include Smart Thermostat, Nest Direct Install, or BYOT installations, as these are demand response programs and not energy efficiency per se, nor does it include New Home Construction installations, Energy Savings Through Schools or Retail Channel Partnership purchases as these rebates cannot be attributed to individual customer accounts.

Attachment D shows the 2nd Quarter commercial 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 Commercial & Industrial Demand Response programs, as these are demand response programs and not energy efficiency per se.

Attachment E shows the 2nd Quarter number of residential 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 Smart Thermostat, Nest Direct Install, or BYOT installations, as these are demand response programs and not energy efficiency per se, nor does it include New Home Construction installations, Energy Savings Through Schools or Retail Channel Partnership purchases as these rebates cannot be attributed to individual customer accounts.

Attachment F shows the 2nd Quarter number of commercial 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 Commercial & Industrial Demand Response programs, as these are demand response programs and not energy efficiency per se.

Attachment G shows the cumulative residential 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. The Weatherization dollars included only represent the cost of the measures installed. This attachment does not include Smart Thermostat, Nest Direct Install, or BYOT installations, as these are demand response programs and not energy efficiency per se, nor does it include New Home Construction installations, Energy Savings Through Schools or Retail Channel Partnership purchases as these rebates cannot be attributed to individual customer accounts.

Attachment H shows the cumulative commercial 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 Commercial & Industrial Demand Response programs, as these are demand response programs and not energy efficiency per se.

Attachment I shows the cumulative number of residential 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 Smart Thermostat, Nest Direct Install, or BYOT installations, as these are demand response programs and not energy efficiency per se, nor does it include New Home Construction installations, Energy Savings Through Schools or Retail Channel Partnership purchases as these rebates cannot be attributed to individual customer accounts.

Attachment J shows the cumulative number of commercial 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 Commercial & Industrial Demand Response programs, as these are demand response programs and not energy efficiency per se.

Attachment K illustrates the cumulative residential rebate locations overlaid on a map of Bexar County and the City Council Districts. This attachment does not include Smart Thermostat, Nest Direct Install, or BYOT installations, as these are demand response programs and not energy efficiency per se, nor does it include New Home Construction installations, Energy Savings Through Schools or Retail Channel Partnership purchases as these rebates cannot be attributed to individual customer accounts.

Attachment L illustrates the cumulative commercial rebate locations overlaid on a map of Bexar County and the City Council Districts. This attachment does not include Commercial & Industrial Demand Response programs, as these are demand response programs and not energy efficiency per se.

Attachment M illustrates the cumulative residential rebate locations overlaid on the various census tract income segments. This attachment does not include Smart Thermostat, Nest Direct Install, or BYOT installations, as these are demand response programs and not energy efficiency per se, nor does it include New Home Construction

installations, Energy Savings Through Schools or Retail Channel Partnership purchases as these rebates cannot be attributed to individual customer accounts.

Attachment N illustrates the cumulative commercial rebate locations overlaid on the various census tract income segments. This attachment does not include Commercial & Industrial Demand Response programs, as these are demand response programs and not energy efficiency per se.

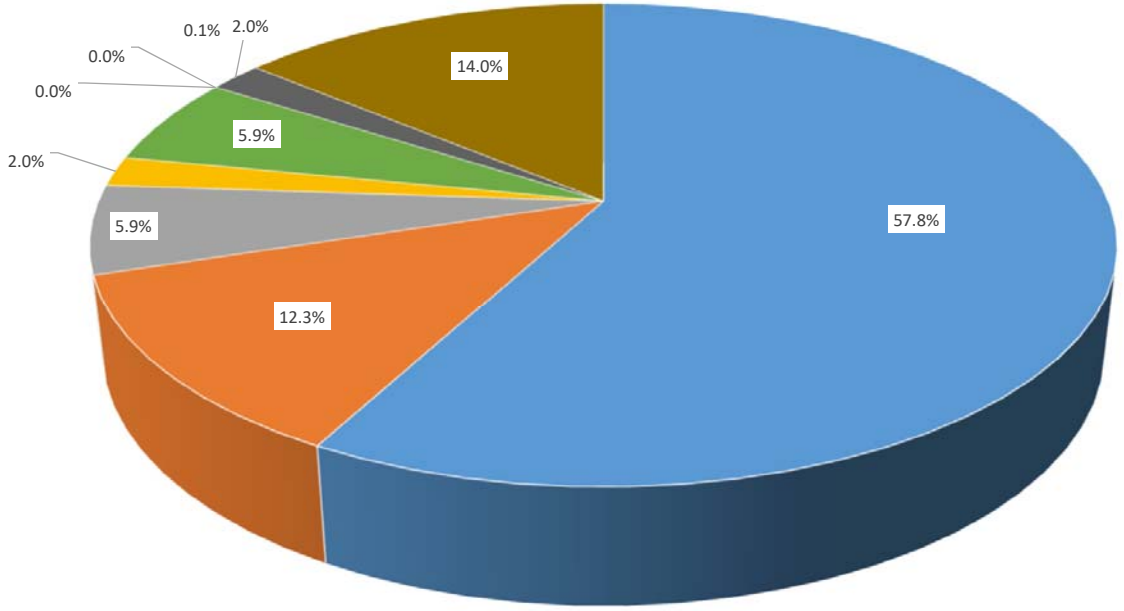
Attachment - A

2nd Quarter
Residential Energy Efficiency & Demand Response Summary
May 1, 2022 - Jul 31, 2022

	Res. Solar PV	Weatherization	Res. Central A/C	Res. Home Efficiency	Cool Roof	Retail Channel Partnerships	Energy Savings Through Schools	Home Energy Assessments	New Home Construction	Res. Demand Response*	**Total**
kW reduction	13,042.61	2,767.89	1,326.82	480.58	1.00	1,324.66	0.00	0.00	456.51	3,169.24	**22,569**
Rebate Dollars	$3,631,775	$3,066,549	$691,020	$176,292	$135	$274,827	$0	$0	$884,479	$1,356,282	**$10,081,359**

*Res. Demand Response includes Smart Thermostat, Nest Direct Install and BYOT programs

kW reduction



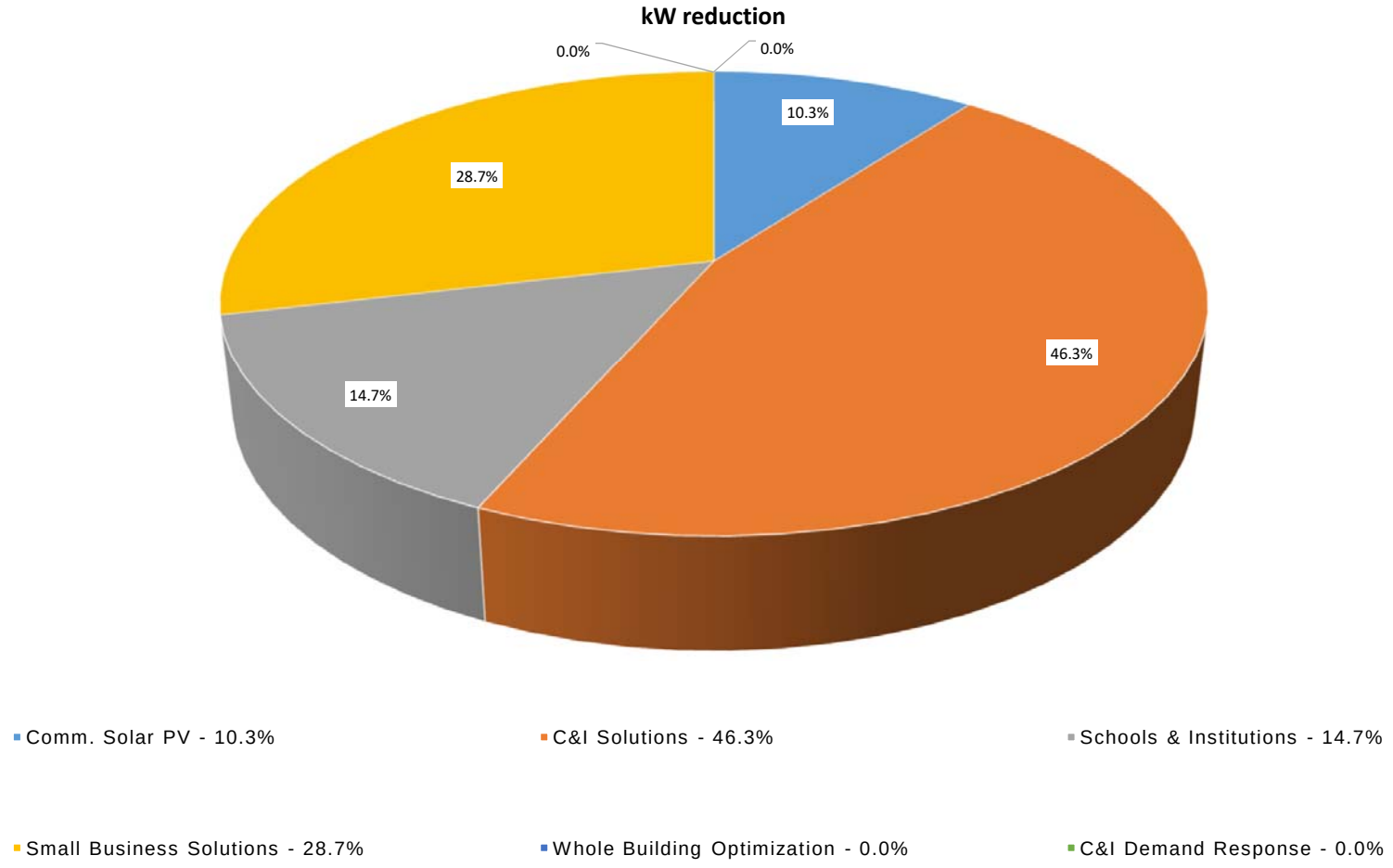
- Res. Solar PV - 57.8%
- Weatherization - 12.3%
- Res. Central A/C - 5.9%
- Res. Home Efficiency - 2.0%
- Cool Roof - 0.1%
- Retail Channel Partnerships - 5.9%
- Energy Savings Through Schools - 0.0%
- Home Energy Assessments - 0.0%
- New Home Construction - 2.0%
- Res. Demand Response* - 14.0%

RESULTS HAVE NOT BEEN AUDITED. FINANCIAL INFORMATION CONTAINED WITHIN THE STEP QUARTERLY REPORT SOLELY REFLECTS THE DIRECT PROGRAM EXPENDITURES ALLOCATED IN ACCORDANCE WITH 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 ARE PROVIDED FOR REFERENCE PURPOSES ONLY AND ARE PROVIDED TO THE USER OF THIS REPORT "AS IS" WITHOUT ANY WARRANTIES OF ANY TYPE, EXPRESS OR IMPLIED.

Attachment - B

2nd Quarter
Commercial Energy Efficiency & Demand Response Summary
May 1, 2022 - Jul 31, 2022

	Comm. Solar PV	C&I Solutions	Schools & Institutions	Small Business Solutions	Whole Building Optimization	C&I Demand Response	**Total**
kW reduction	759.80	3,391.63	1,080.20	2,101.21	0.00	0.00	**7,333**
Rebate Dollars	$194,344	$1,313,831	$474,297	$176,098	$0	$0	**$2,158,569**



RESULTS HAVE NOT BEEN AUDITED. FINANCIAL INFORMATION CONTAINED WITHIN THE STEP QUARTERLY REPORT SOLELY REFLECTS THE DIRECT PROGRAM EXPENDITURES ALLOCATED IN ACCORDANCE WITH 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 ARE PROVIDED FOR REFERENCE PURPOSES ONLY AND ARE PROVIDED TO THE USER OF THIS REPORT "AS IS" WITHOUT ANY WARRANTIES OF ANY TYPE, EXPRESS OR IMPLIED.

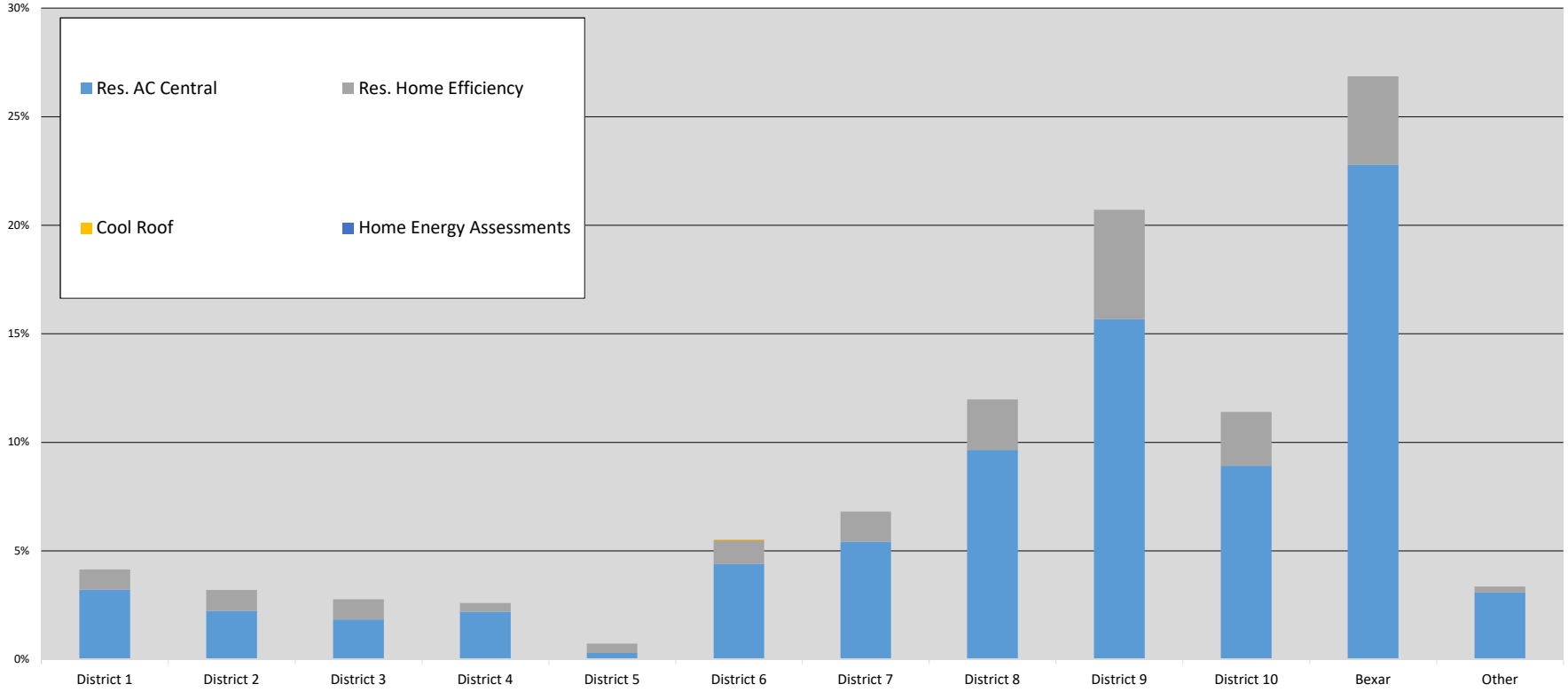
Attachment - C

2nd Quarter
May 1, 2022 - Jul 31, 2022
Residential 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
Res. AC Central	$ 27,863	$ 19,298	$ 15,890	$ 19,023	$ 2,523	$ 38,028	$ 47,070	$ 83,710	$ 135,968	$ 77,273	$ 197,608	$ 26,770	$ 691,020
Res. Home Efficiency	$ 8,091	$ 8,416	$ 8,074	$ 3,499	$ 3,813	$ 9,533	$ 11,986	$ 20,084	$ 43,622	$ 21,562	$ 35,286	$ 2,325	$ 176,292
Cool Roof	$ -	$ -	$ -	$ -	$ -	$ 135	$ -	$ -	$ -	$ -	$ -	$ -	$ 135
Home Energy Assessments*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Residential Rebates ($) by Council Distric w/o Solar & Weatherization	$ 35,954	$ 27,714	$ 23,964	$ 22,521	$ 6,336	$ 47,696	$ 59,056	$ 103,794	$ 179,589	$ 98,835	$ 232,893	$ 29,095	$ 867,447
Res. Solar PV	$ 87,375	$ 329,375	$ 201,500	$ 247,625	$ 51,500	$ 176,750	$ 143,375	$ 133,875	$ 184,125	$ 243,750	$ 1,704,650	$ 127,875	$ 3,631,775
Weatherization*	$ 396,001	$ 343,577	$ 609,383	$ 324,606	$ 460,593	$ 242,712	$ 233,392	$ 53,206	$ 10,723	$ 125,701	$ 266,656	$ -	$ 3,066,549
Total	**$ 519,329**	**$ 700,666**	**$ 834,847**	**$ 594,752**	**$ 518,429**	**$ 467,157**	**$ 435,823**	**$ 290,875**	**$ 374,437**	**$ 468,286**	**$ 2,204,199**	**$ 156,970**	**$ 7,565,771**

*Home Energy Assessments and Weatherization dollars include only the installation cost of measures in the home

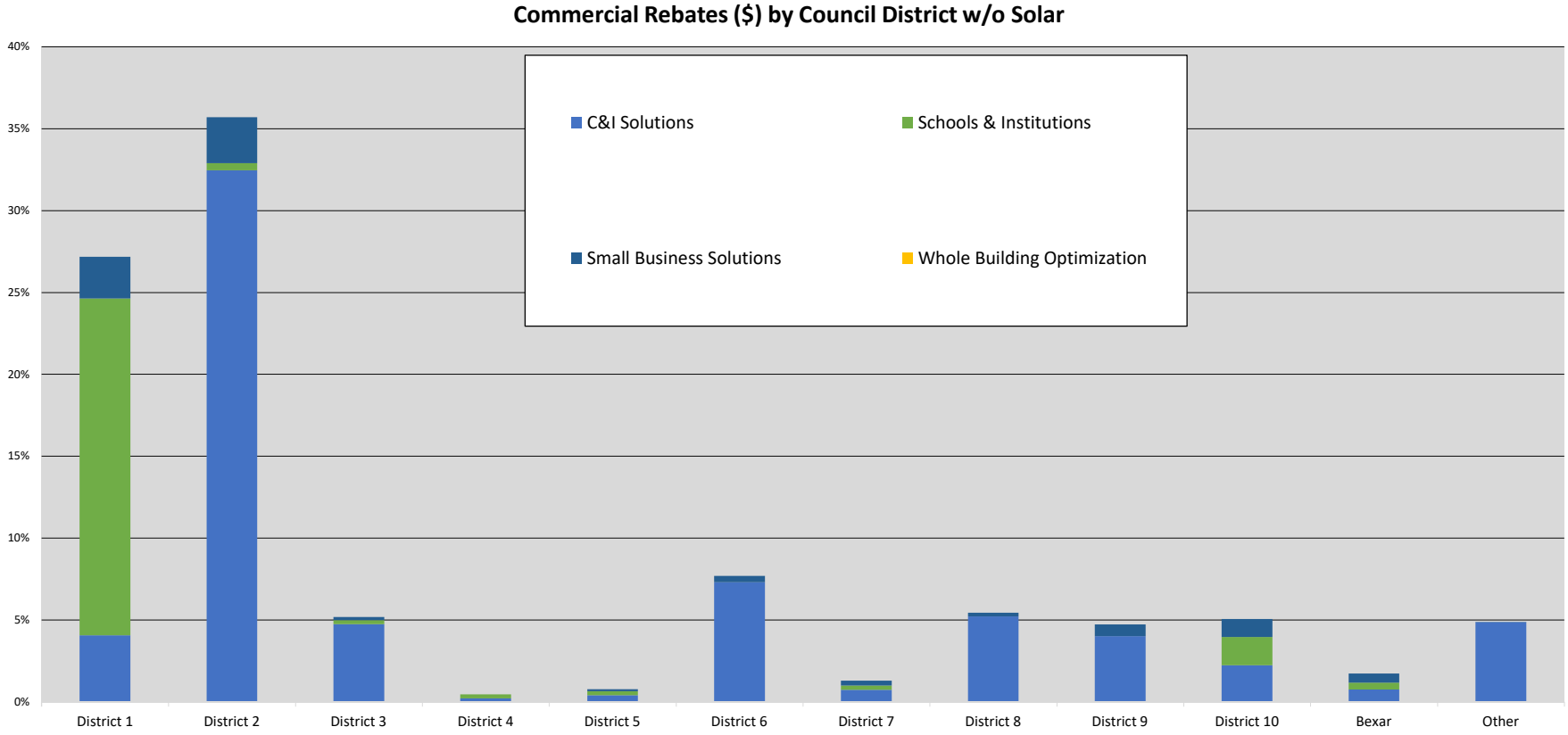
Residential Rebates ($) by Council District w/o Solar & Weatherization



Attachment - D

2nd Quarter
May 1, 2022 - Jul 31, 2022
Commercial Rebates $ by Council District

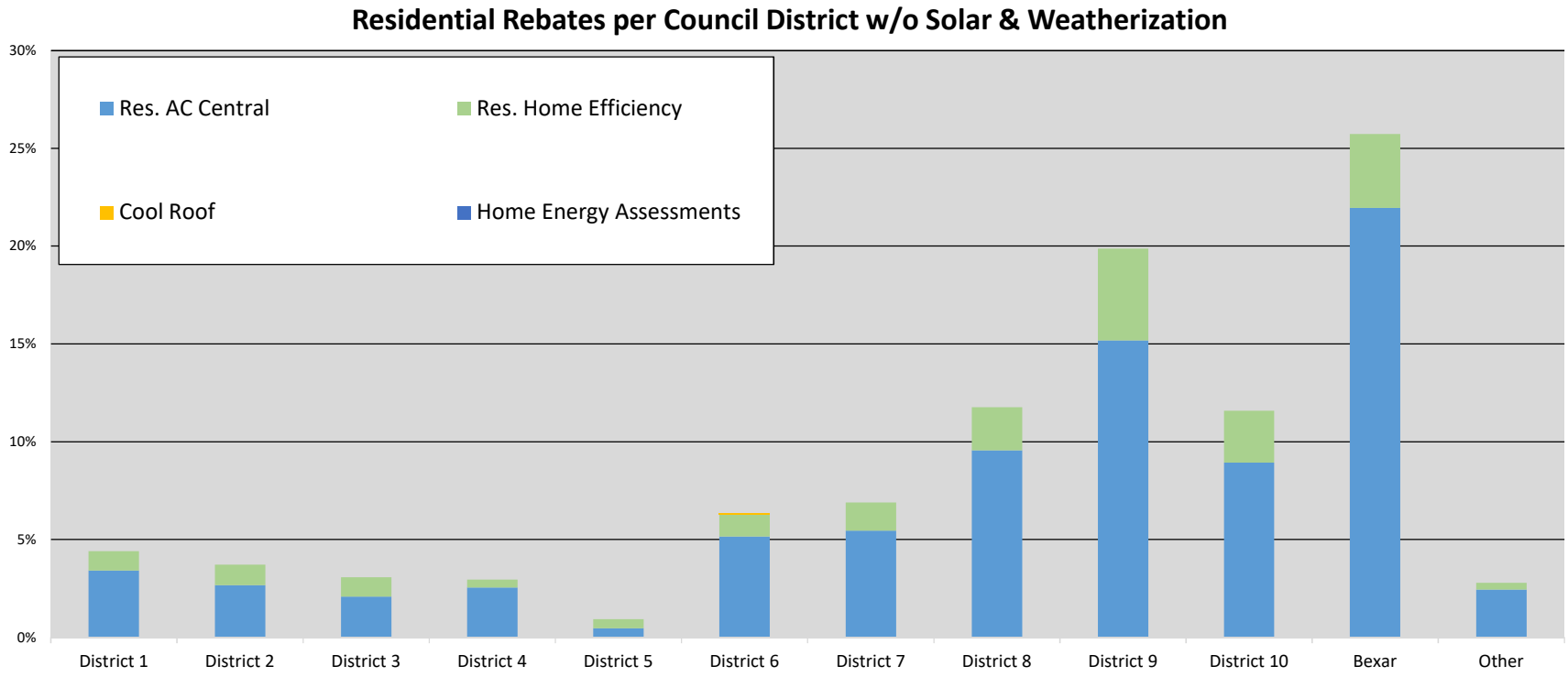
Rebate Dollars ($)	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other	Total
C&I Solutions	$ 79,544	$ 637,342	$ 93,010	$ 3,984	$ 7,633	$ 143,334	$ 14,185	$ 102,335	$ 78,695	$ 43,728	$ 14,704	$ 95,338	$ 1,313,831
Schools & Institutions	$ 404,015	$ 8,548	$ 4,756	$ 4,779	$ 5,015	$ -	$ 5,238	$ -	$ -	$ 33,849	$ 8,097	$ -	$ 474,297
Small Business Solutions	$ 50,142	$ 55,286	$ 3,845	$ -	$ 2,239	$ 7,519	$ 5,638	$ 4,279	$ 14,108	$ 21,703	$ 10,967	$ 374	$ 176,098
Whole Building Optimization	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Commercial Rebates ($) by Council District w/o Solar	$ 533,700	$ 701,176	$ 101,610	$ 8,763	$ 14,886	$ 150,852	$ 25,061	$ 106,614	$ 92,802	$ 99,280	$ 33,768	$ 95,712	$ 1,964,225
Comm. Solar PV	$ 62,009	$ 71,653	$ -	$ -	$ 5,892	$ -	$ 13,290	$ -	$ -	$ -	$ 41,500	$ -	$ 194,344
Total	**$ 595,709**	**$ 772,830**	**$ 101,610**	**$ 8,763**	**$ 20,779**	**$ 150,852**	**$ 38,350**	**$ 106,614**	**$ 92,802**	**$ 99,280**	**$ 75,268**	**$ 95,712**	**$ 2,158,569**



Attachment - E

2nd Quarter
Residential Rebates by Council District Summary
May 1, 2022 - Jul 31, 2022

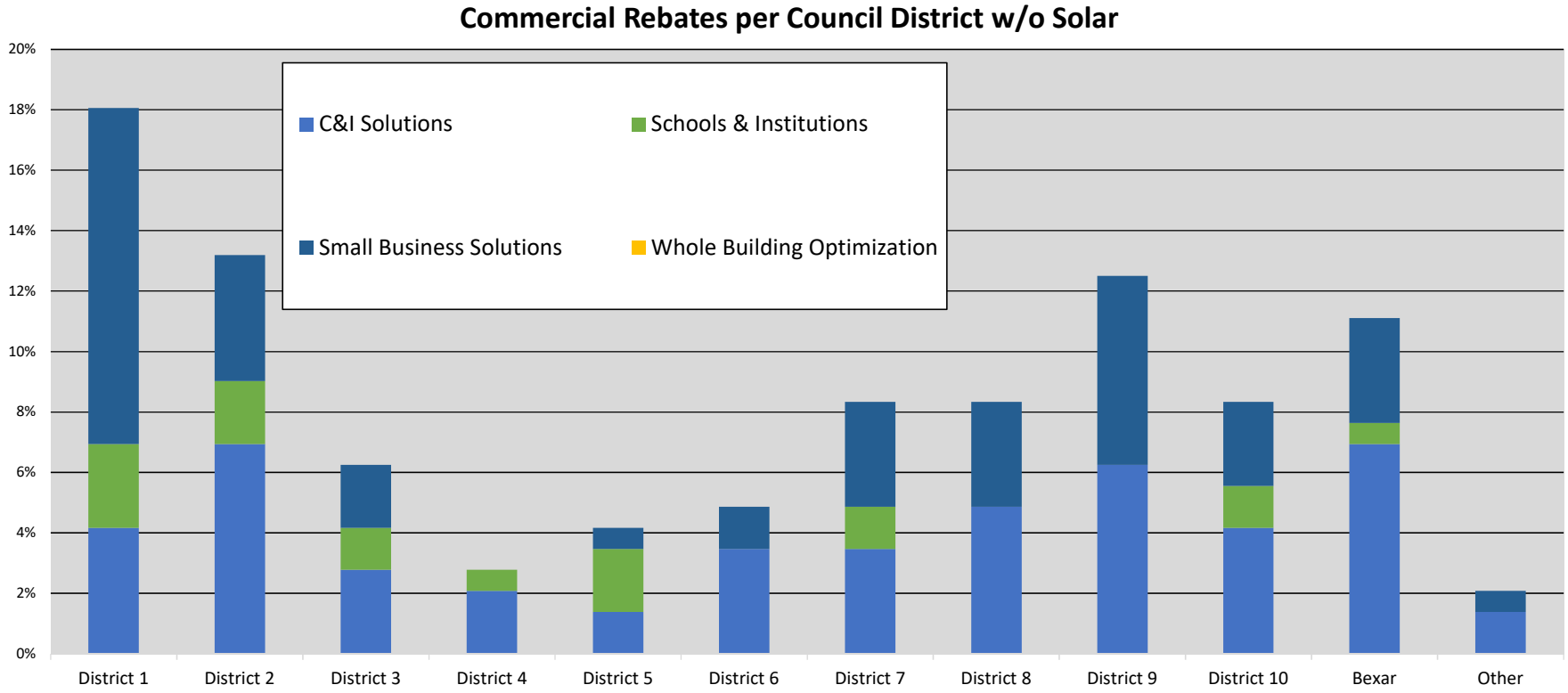
	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other Counties	Total
Res. AC Central	59	46	36	44	8	89	94	165	262	154	379	42	1,378
Res. Home Efficiency	17	18	17	7	8	19	25	38	81	46	65	6	347
Cool Roof	0	0	0	0	0	1	0	0	0	0	0	0	1
Home Energy Assessments	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Rebates per Council District w/o Solar & Weatherization	76	64	53	51	16	109	119	203	343	200	444	48	1,726
Res. Solar PV	33	123	76	94	20	68	54	52	73	95	653	50	1,391
Weatherization	73	77	119	88	92	65	53	15	3	34	69	0	688
Total	**182**	**264**	**248**	**233**	**128**	**242**	**226**	**270**	**419**	**329**	**1,166**	**98**	**3,805**



Attachment - F

2nd Quarter
Commercial Rebates by Council District Summary
May 1, 2022 - Jul 31, 2022

	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other Counties	Total
C&I Solutions	6	10	4	3	2	5	5	7	9	6	10	2	69
Schools & Institutions	4	3	2	1	3	0	2	0	0	2	1	0	18
Small Business Solutions	16	6	3	0	1	2	5	5	9	4	5	1	57
Whole Building Optimization	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Rebates per Council District w/o Solar	26	19	9	4	6	7	12	12	18	12	16	3	144
Comm. Solar PV	5	3	0	0	1	0	1	0	0	0	5	0	15
Total	**31**	**22**	**9**	**4**	**7**	**7**	**13**	**12**	**18**	**12**	**21**	**3**	**159**

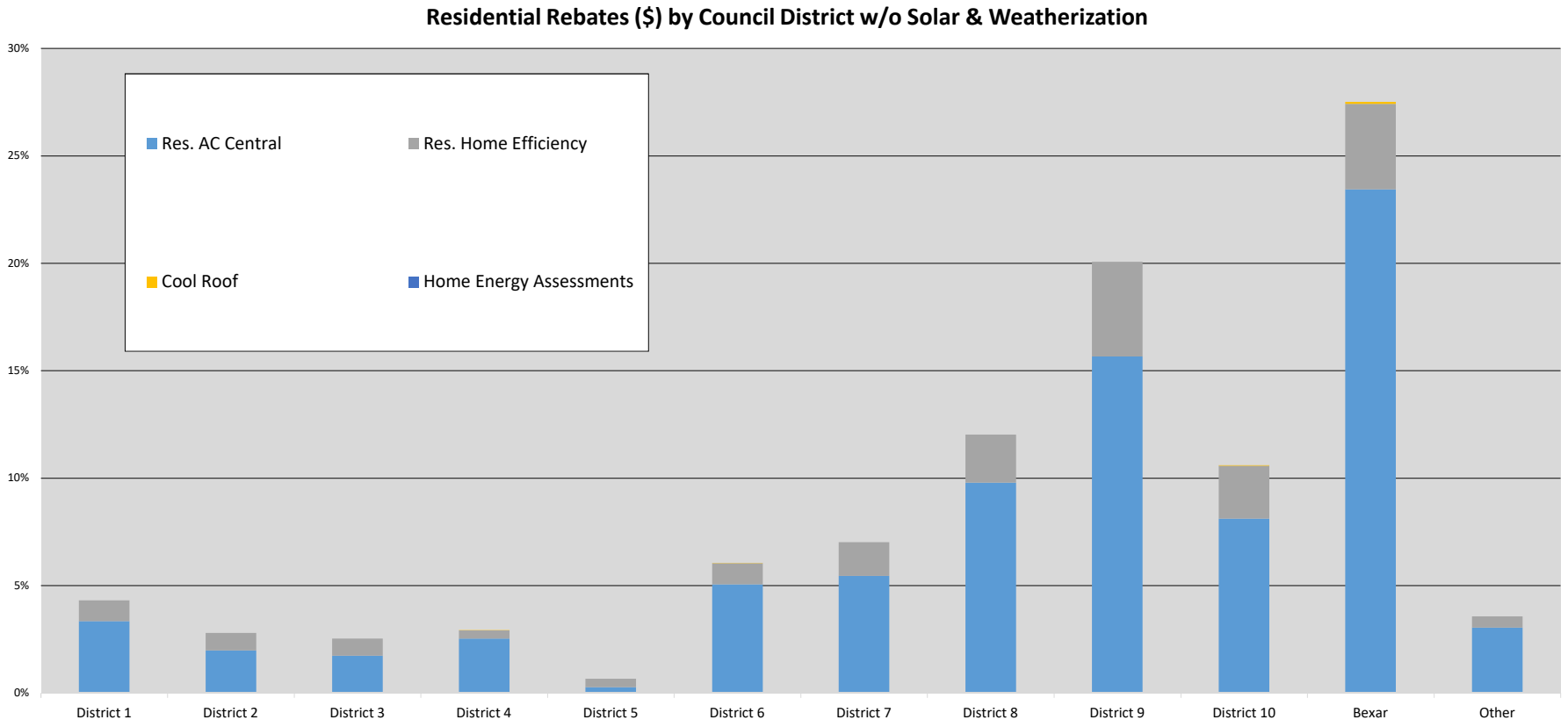


Attachment - G

Cumulative
Feb 1, 2022 - Jul 31, 2022
Residential 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
Res. AC Central	$ 46,975	$ 27,890	$ 24,463	$ 35,620	$ 3,793	$ 71,128	$ 76,583	$ 137,580	$ 220,143	$ 114,103	$ 329,720	$ 42,828	$ 1,130,823
Res. Home Efficiency	$ 13,552	$ 11,302	$ 11,050	$ 5,219	$ 5,532	$ 13,763	$ 22,151	$ 31,503	$ 62,016	$ 34,664	$ 55,811	$ 7,258	$ 273,819
Cool Roof	$ -	$ -	$ -	$ 199	$ -	$ 135	$ -	$ -	$ -	$ 199	$ 1,210	$ -	$ 1,743
Home Energy Assessments*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Residential Rebates ($) by Council Distric w/o Solar & Weatherization	$ 60,527	$ 39,192	$ 35,512	$ 41,038	$ 9,324	$ 85,026	$ 98,733	$ 169,083	$ 282,159	$ 148,965	$ 386,741	$ 50,085	$ 1,406,385
Res. Solar PV	$ 177,875	$ 708,500	$ 385,000	$ 558,750	$ 139,000	$ 460,250	$ 317,250	$ 349,250	$ 387,000	$ 550,445	$ 3,610,583	$ 299,875	$ 7,943,778
Weatherization*	$ 598,865	$ 690,647	$ 959,003	$ 496,372	$ 808,998	$ 429,126	$ 391,048	$ 91,413	$ 20,556	$ 157,091	$ 440,181	$ 3,433	$ 5,086,733
Total	**$ 837,267**	**$1,438,339**	**$1,379,516**	**$1,096,160**	**$ 957,322**	**$ 974,401**	**$ 807,032**	**$ 609,746**	**$ 689,715**	**$ 856,501**	**$ 4,437,504**	**$ 353,393**	**$ 14,436,895**

*Home Energy Assessments and Weatherization dollars include only the installation cost of measures in the home

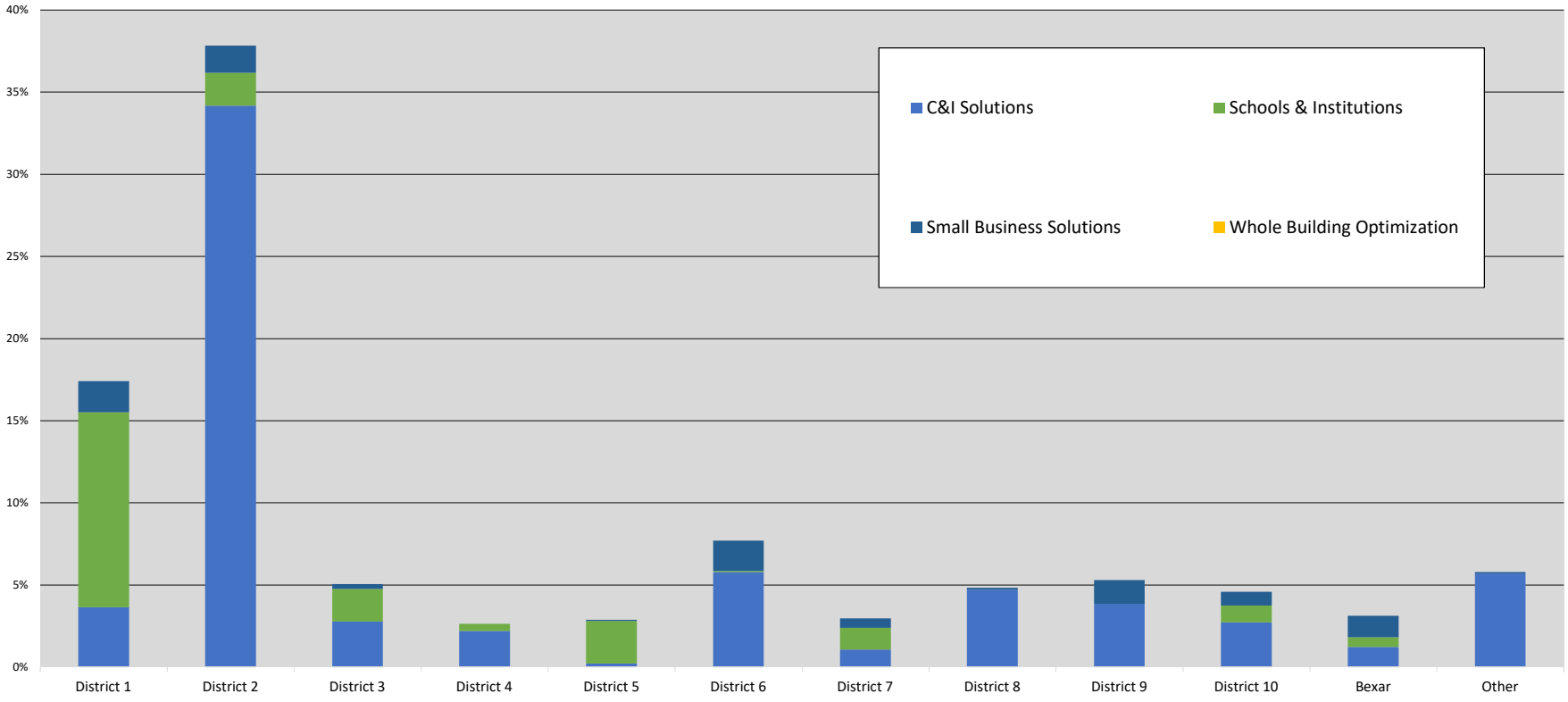


Attachment - H

Cumulative
Feb 1, 2022 - Jul 31, 2022
Commercial 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
C&I Solutions	$ 130,198	$ 1,223,280	$ 99,009	$ 78,713	$ 7,633	$ 206,597	$ 37,912	$ 168,530	$ 137,646	$ 97,553	$ 43,443	$ 203,507	$ 2,434,023
Schools & Institutions	$ 425,158	$ 72,224	$ 71,024	$ 15,212	$ 92,872	$ 2,864	$ 47,368	$ -	$ -	$ 36,509	$ 21,526	$ -	$ 784,757
Small Business Solutions	$ 67,651	$ 58,856	$ 10,566	$ -	$ 2,239	$ 65,797	$ 20,606	$ 4,279	$ 52,096	$ 29,838	$ 46,642	$ 3,135	$ 361,702
Whole Building Optimization	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Commercial Rebates ($) by Council District w/o Solar	$ 623,007	$ 1,354,360	$ 180,599	$ 93,925	$ 102,743	$ 275,257	$ 105,886	$ 172,809	$ 189,743	$ 163,900	$ 111,611	$ 206,642	$ 3,580,482
Comm. Solar PV	$ 62,009	$ 74,153	$ 21,775	$ -	$ 5,892	$ -	$ 13,290	$ 50,770	$ 91,904	$ -	$ 57,617	$ 20,231	$ 397,641
Total	**$ 685,016**	**$ 1,428,513**	**$ 202,374**	**$ 93,925**	**$ 108,636**	**$ 275,257**	**$ 119,176**	**$ 223,579**	**$ 281,647**	**$ 163,900**	**$ 169,228**	**$ 226,872**	**$ 3,978,123**

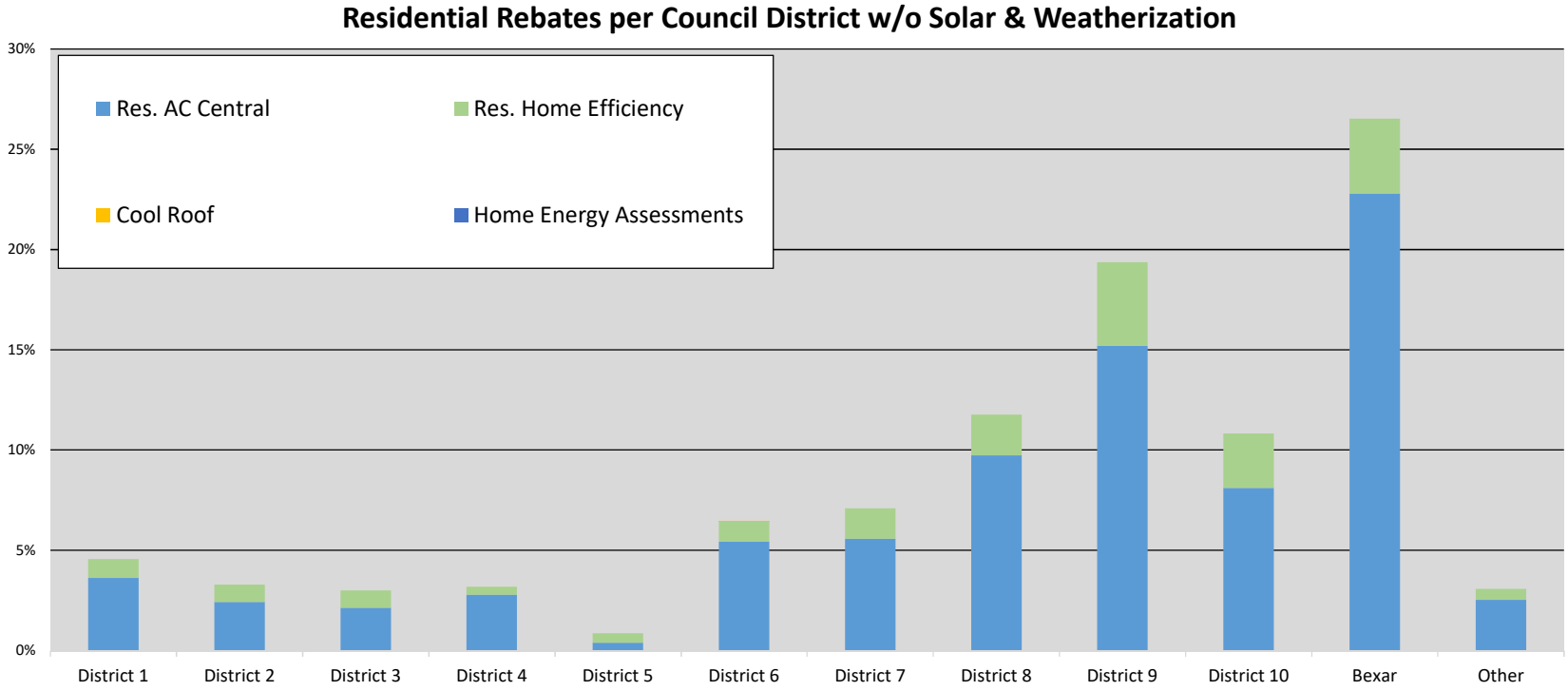
Commercial Rebates ($) by Council District w/o Solar



Attachment - I

Cumulative
Residential Rebates by Council District Summary
Feb 1, 2022 - Jul 31, 2022

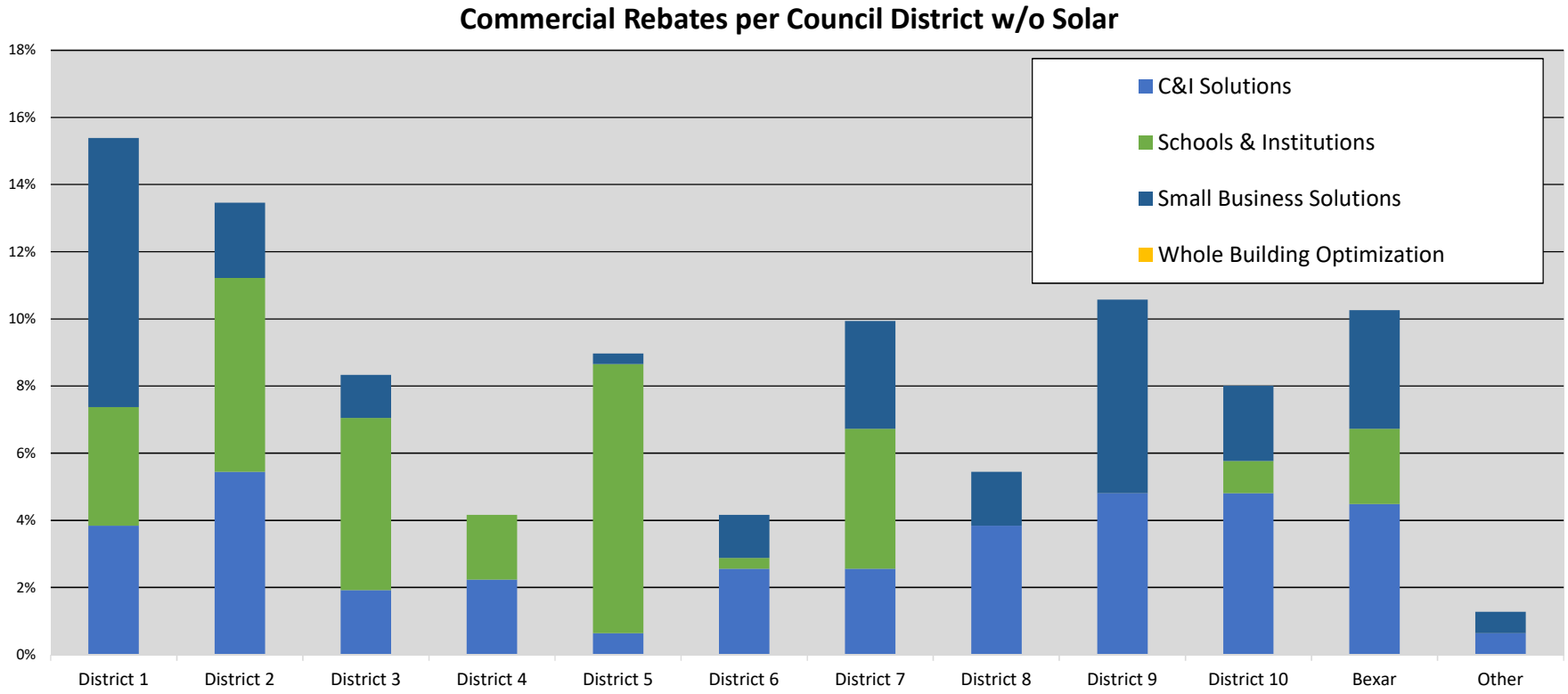
	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other Counties	Total
Res. AC Central	100	67	59	77	11	150	154	269	420	224	630	70	2,231
Res. Home Efficiency	26	24	24	11	13	28	42	56	115	75	103	15	532
Cool Roof	0	0	0	0	0	1	0	0	0	0	0	0	1
Home Energy Assessments	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Rebates per Council District w/o Solar & Weatherization	126	91	83	88	24	179	196	325	535	299	733	85	2,764
Res. Solar PV	66	267	145	211	53	178	121	135	153	215	1,377	117	3,038
Weatherization	113	147	180	139	168	117	83	26	5	44	115	1	1,138
Total	**305**	**505**	**408**	**438**	**245**	**474**	**400**	**486**	**693**	**558**	**2,225**	**203**	**6,940**



Attachment - J

Cumulative
Commercial Rebates by Council District Summary
Feb 1, 2022 - Jul 31, 2022

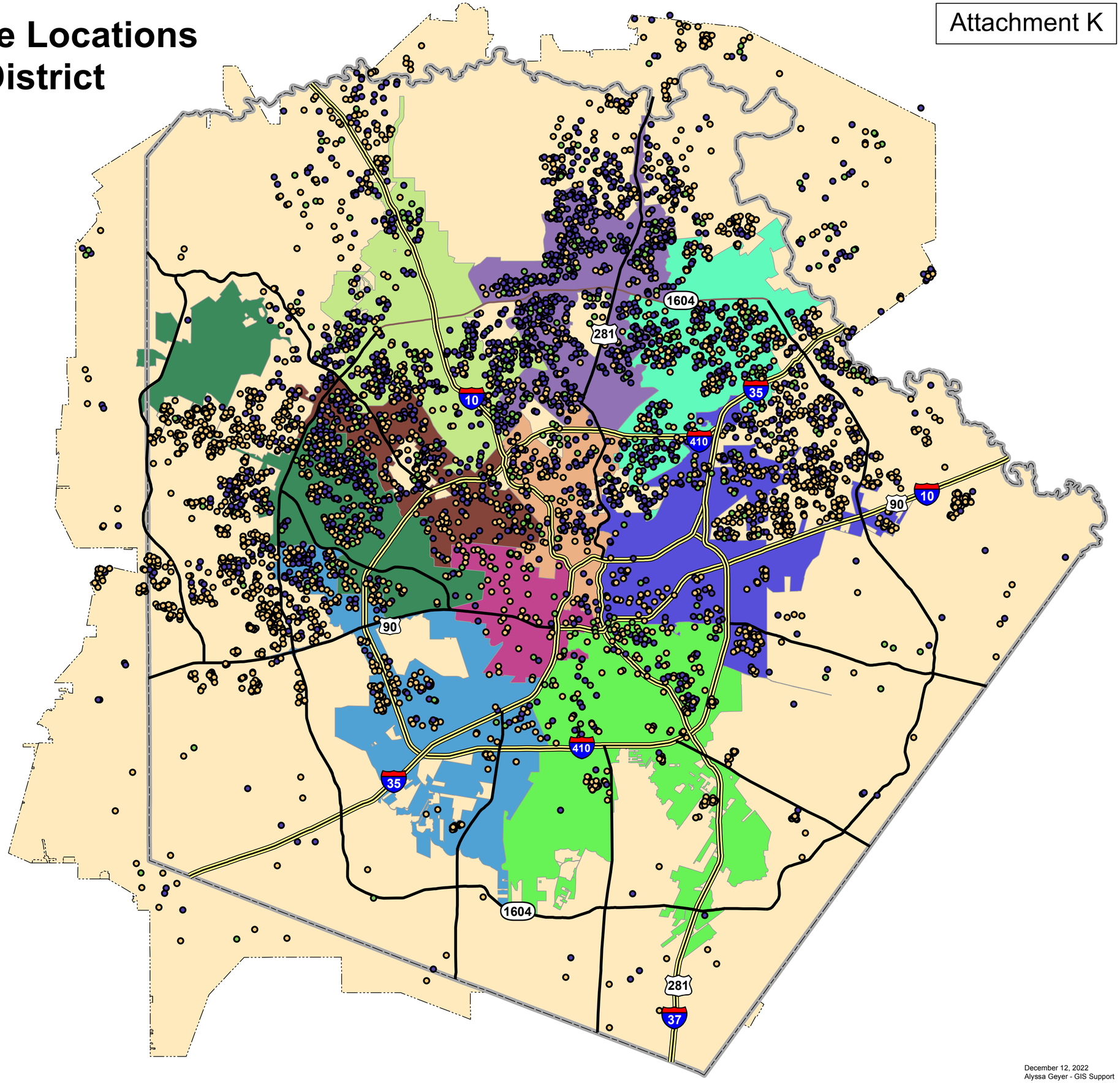
	District 1	District 2	District 3	District 4	District 5	District 6	District 7	District 8	District 9	District 10	Bexar	Other Counties	Total
C&I Solutions	12	17	6	7	2	8	8	12	15	15	14	2	118
Schools & Institutions	11	18	16	6	25	1	13	0	0	3	7	0	100
Small Business Solutions	25	7	4	0	1	4	10	5	18	7	11	2	94
Whole Building Optimization	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Rebates per Council District w/o Solar	48	42	26	13	28	13	31	17	33	25	32	4	312
Comm. Solar PV	5	4	1	0	1	0	1	1	2	0	7	1	23
Total	**53**	**46**	**27**	**13**	**29**	**13**	**32**	**18**	**35**	**25**	**39**	**5**	**335**



Attachment K

Residential Rebate Locations by Council District

2nd Quarter FY23



STEP Customers

Comments

- Res Home Efficiency
- Res Central AC
- Res Cool Roof
- Home Energy Assessments
- Res Solar PV

Bexar County Boundary

CPS Energy Service Area

City Council Districts

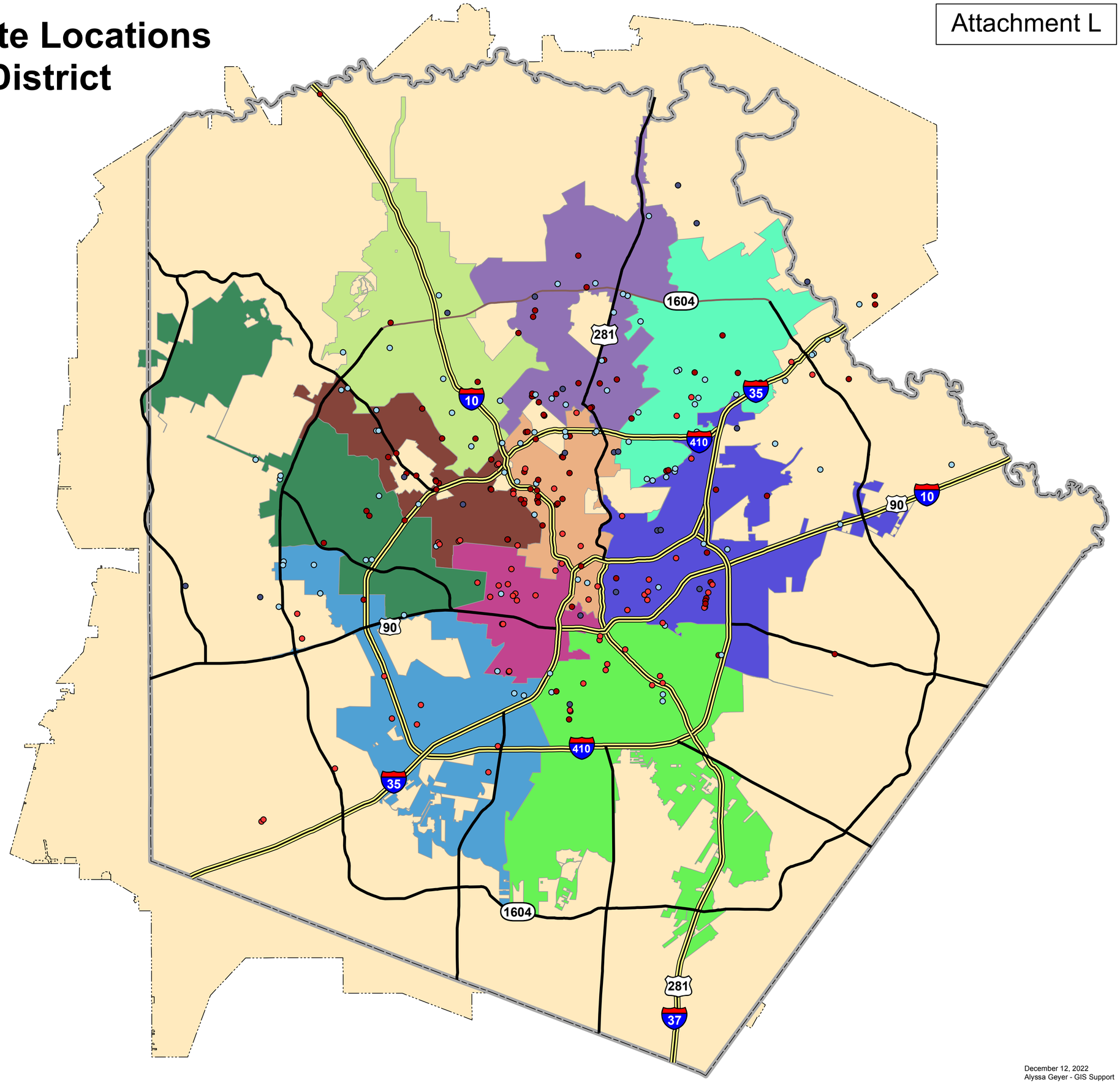
- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10

December 12, 2022
Alyssa Geyer - GIS Support

Attachment L

Commercial Rebate Locations by Council District

2nd Quarter FY23



STEP Customers

- Comm & Ind Solutions
- Comm Small Business Solutions
- Schools & Institutions
- Whole Building Optimization
- Comm Solar PV

Bexar County Boundary

CPS Energy Service Area

City Council Districts

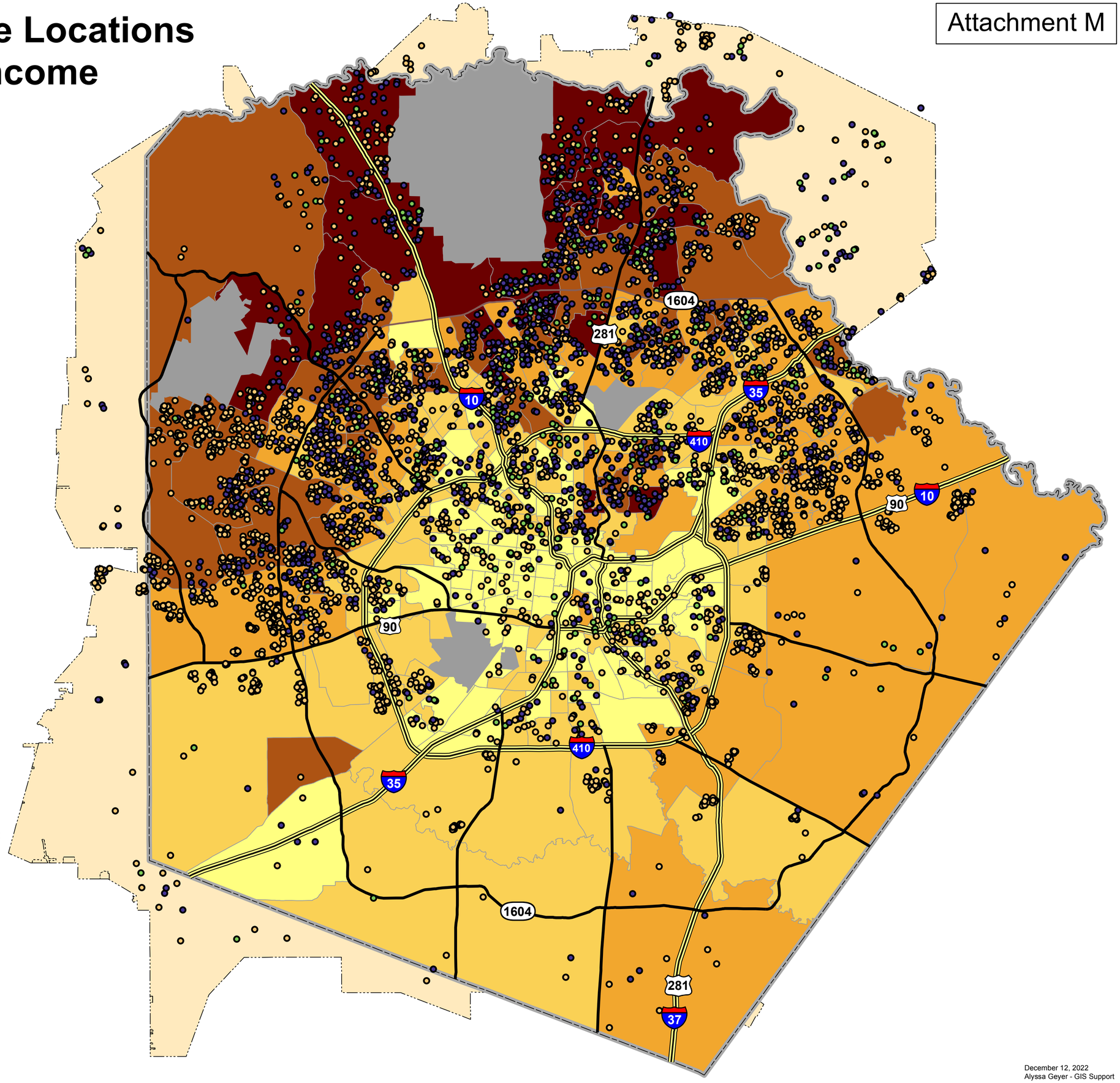
- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10

December 12, 2022
Alyssa Geyer - GIS Support

Attachment M

Residential Rebate Locations by Median Income

2nd Quarter FY23



STEP Customers

Comments

- Res Home Efficiency
- Res Central AC
- Res Cool Roof
- Home Energy Assessments
- Res Solar PV

Bexar County Boundary

CPS Energy Service Area

Bexar County Median Income

Source: ACS Census 2011 5yr

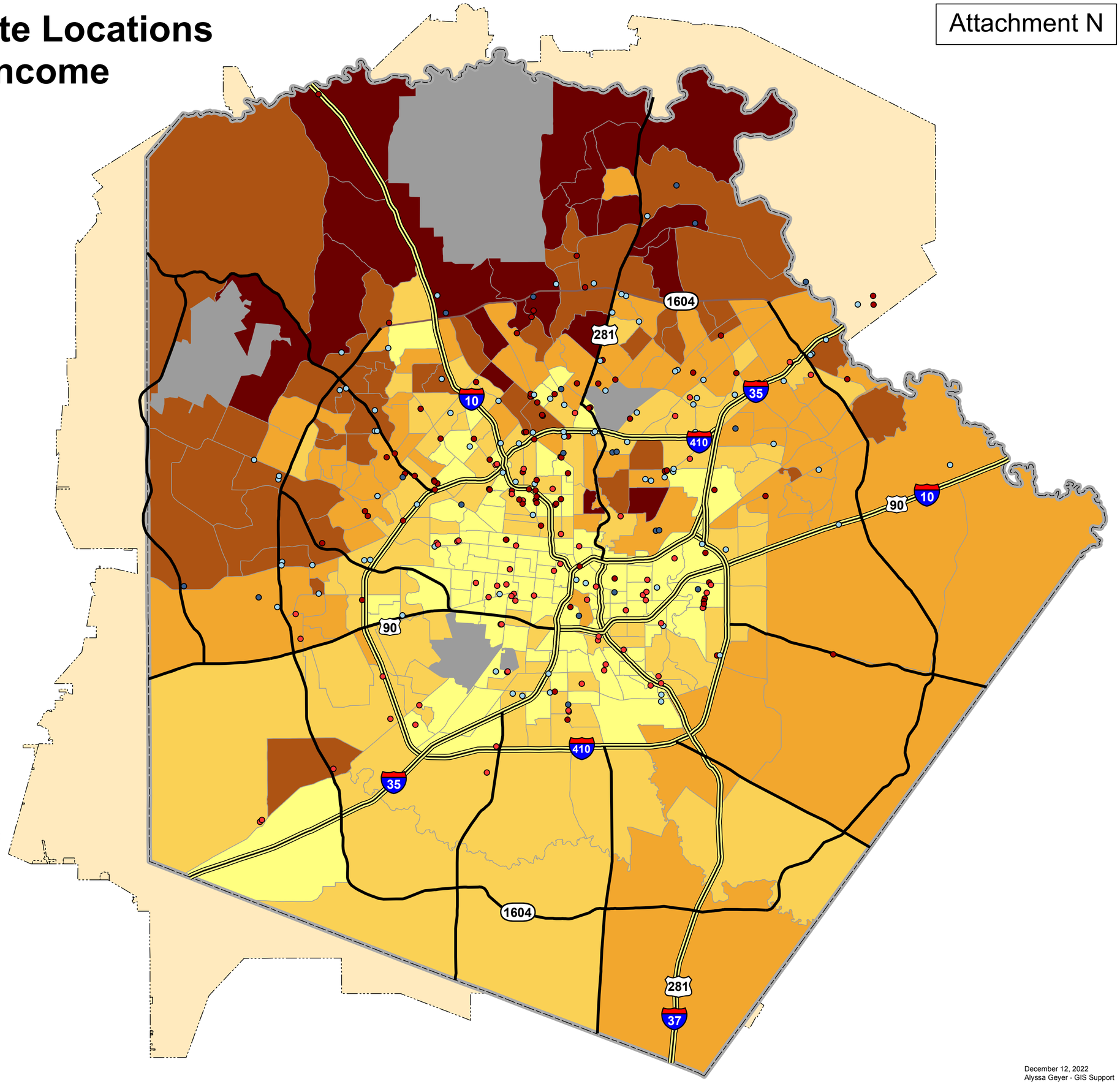
- 10,000 - 30,000
- 30,000 - 50,000
- 50,000 - 70,000
- 70,000 - 100,000
- 100,000 - 200,000+
- No Data

December 12, 2022
Alyssa Geyer - GIS Support

Attachment N

Commercial Rebate Locations by Median Income

2nd Quarter FY23



STEP Customers

- Comm & Ind Solutions
- Comm Small Business Solutions
- Schools & Institutions
- Whole Building Optimization
- Comm Solar PV

Bexar County Boundary

CPS Energy Service Area

Bexar County Median Income

Source: ACS Census 2011 5yr

- 10,000 - 30,000
- 30,000 - 50,000
- 50,000 - 70,000
- 70,000 - 100,000
- 100,000 - 200,000+
- No Data

December 12, 2022
Alyssa Geyer - GIS Support