

Posting Language

Approve issuance of a capacity-based incentive to Texas County & District Retirement System for the installation of solar electric systems on their facility located at 901 S Mopac Expressway Service Road NB, Austin, TX 78746, in an amount not to exceed \$163,620.

Lead Department

Austin Energy

Fiscal Note

Funding is available in the Fiscal Year 2022-2023 Operating Budget of Austin Energy.

Prior Council Action:**For More Information:**

Amy Everhart, Director, Local Government Issues (512) 322-6087; Tim Harvey, Solar Program Manager (512) 482-5386

Council Committee, Boards and Commission Action:

April 10th, 2023– To be reviewed by the Electric Utility Commission.

April 18th, 2023 – To be reviewed by the Resource Management Commission.

Additional Backup Information:

Austin Energy requests approval to issue this CBI to the Customer for the installation of solar electric system(s), detailed in the table below at their facility to produce renewable energy for on-site consumption. The table below provides a summary of the system size, cost, proposed incentive, and environmental benefits.:

Solar System Details*	
Total System Size (kW-DC)	164
Total System Size (kW-AC)	136
Annual Estimated Production (kWh)	240,495
Total System Cost (\$)	\$471,841
Total Incentive (\$)	\$163,620
Percent of Cost Covered	35%
Environmental Benefits** and Emission Reduction Equivalencies***	
Reduction of Carbon Dioxide (CO2) in tons	113
Reduction of Sulfur Dioxide (SO2) in pounds	144
Reduction of Nitrogen Oxide (NOX) in pounds	168
Equivalency of Vehicle Miles Driven	254,456
Equivalency of Cars on Austin Roadways	22
Equivalency of Trees Planted	1,695
Equivalency of Forest Acreage Added	121

*All solar equipment meets Austin Energy program requirements

** Environmental Benefits based on the [US Energy Information Association's state-wide electricity profile](#)

*** According to the [Environmental Protection Agency \(EPA\)'s Greenhouse Gas Equivalency Calculator](#)

The Texas County & District Retirement System (TCDRS) is a non-profit public trust providing pension and death benefits for eligible employees of participating subdivisions (counties and districts). The System is governed by a nine-member Board of Trustees and is managed by an administrative staff in Austin. This solar system meets 15% of the Customer's historic needs at this facility.

According to the Austin Energy Resource, Generation and Climate Protection Plan, "Austin Energy will achieve a total of 375 MW of local solar capacity by the end of 2030, of which 200 MW will be customer-sited (when including both in-front-of-meter and behind-the meter installations)." To meet these goals, Austin Energy has funded the Solar Photovoltaic (PV) Programs, which are designed to reduce the amount of electricity Austin Energy must purchase from the market and reduce associated greenhouse gas emissions.

The purpose of the Austin Energy Solar PV CBI Program is to expand adoption of solar by nonprofit organizations. Under this program, customers who qualify as nonprofit entities (outlined in Section V.B.iv of the [program guidelines](#)), are eligible to receive \$1.00/W-DC up to \$482,000. Per program guidelines, the installation is expected to continue producing for a minimum of 20 years or may be subject to repay the incentive at a pro-rated amount, if it stops producing for any reason short of the stated minimum.

This project will advance the stated goals of expanding locally sited solar, carbon reduction and resiliency, and continue to demonstrate the value and importance of renewables as part of the individual and collective generation portfolio in Austin Energy territory.

Strategic Outcome(s):

Government that Works for All.

Posting Language

Authorize issuance of rebates for multifamily and commercial customer energy efficiency measures by Austin Energy during Fiscal Year 2022-2023 in the aggregate amounts of \$2,650,000 for multifamily programs and \$3,350,000 for commercial programs, for a total combined amount not to exceed \$6,000,000, including ratification of \$2,850,844 in rebates already issued in the current fiscal year.

Lead Department

Austin Energy

Fiscal Note

Funding is available in the Fiscal Year 2022-2023 Operating Budget of Austin Energy.

Prior Council Action:

September 30, 2021- Council approved issuance of energy efficiency program rebates during Fiscal Year 2021-2022 for multifamily energy efficiency rebates and commercial and small business energy efficiency rebates.

For More Information:

Amy Everhart, Director, Local Government Relations (512) 322-6087; Joseph Teng, Interim Manager, Energy Efficiency Services (512) 482-5439

Council Committee, Boards and Commission Action:

Apr 10, 2023 - To be reviewed by the Electric Utility Commission

Apr 18, 2023 - To be reviewed by the Resource Management Commission.

Additional Backup Information:

Austin Energy's energy efficiency rebate programs provide customer incentives to reduce energy demand and associated costs, benefiting all electric utility customers and the utility. Aggregate authority for the issuance of rebates has been requested and approved in FY20, FY21, and FY22. This request was not submitted in a timely manner for this fiscal year 2022-2023. Austin Energy requests approval to ratify rebates already paid for the projects listed below. Moving forward this authorization will allow Austin Energy to continue to issue rebates to multifamily, commercial, and small business customers during Fiscal Year 2022- 2023 (FY23) for energy efficiency improvements in accordance with program guidelines and up to a combined amount of \$6,000,000.

The aggregate rebate approval request reflects our continued commitment to be responsive and flexible to customer needs by reducing the wait time needed to be reimbursed for energy efficiency upgrades. Multifamily customers will receive an average of three upgrades per unit (e.g., smart thermostats, lighting, solar screens, HVAC tune-up, etc.), helping to reduce their energy costs during the continued economic uncertainty. The aggregate approval ensures program continuity by assuring that contractors and property managers/owners would receive rebate funding promptly after work has been completed

As per current practice, Austin Energy staff will continue to provide a monthly report that summarizes the Commercial, Small Business, and Multifamily program pipeline (including leads, active, and paid projects). For all projects that will exceed \$72,000 in rebates, the report will also include measures installed, expected savings, and other relevant data. The annual customer rebate cap will remain at \$300,000 pursuant to Resolution 20140807-006.

Table 1: Multifamily Income Qualified – FY2022-23 Projects Requesting Ratification

Program	Enrollment(s)	Location Name	Installation Address	Council District	kW savings	kWh savings	\$ Incentive	Measures Installed	Total # of Units
Multifamily Income Qualified	1273872, 1282755	Sunrise Bluff Apts	1704 NELMS DR	2	2,792	10,743,868	\$257,752	HVAC Tune-Ups, Smart Thermostats, Attic Insulation,	382
Multifamily Income Qualified	1263649	SoCo Park (Formerly Circle S) Apts	7201 S Congress Ave	2	54	197,307	\$95,962	HVAC Tune-Up, Smart Thermostats, Lighting	200
Multifamily Income Qualified	1252104	ROSEMONT AT OAK VALLEY	2800 COLLINS CREEK DR	3	40	146,934	\$96,619	Attic Insulation, HVAC Tune-Up and Smart Thermostats	280
Multifamily Income Qualified	1266043, 1279956, 1280284	Bradford Pointe	11701 Metric Blvd	7	117	326,189	\$111,716	Attic insulation, HVAC Tune-Up, Lighting, Smart Thermostats.	264
Multifamily Income Qualified	1277472 1282754, 1282699	Riverside Meadows	1601 MONTOPOLIS DR	3	98	325,462	\$137,608	Duct Remediation & Seal, HVAC Tune-Up, Smart Thermostats, and lighting.	240
Multifamily Income Qualified	1283892	Whisper Hollow	3300 Parker Lane	3	338	112,252	\$114,346	Demand Response Enabled Hot Water Heater Controllers and Smart Thermostats	220
Multifamily Income Qualified	1279023	Aubry Hills Apartments	8926 N LAMAR BLVD	4	74	272,926	\$153,683	Lighting, HVAC Tune-Up, Smart Thermostats, Attic insulation, Water Saving Devices	192
Multifamily Income Qualified	1279081	Eryngo Hills	9345 E US 290 HWY	1	51	239,205	\$111,600	HVAC Tune-ups, Smart Thermostats	250
Multifamily Income Qualified	1282753	Northchase Apartments	306 West Rundberg Ln	1	60	162,302	\$99,269	Attic Insulation, HVAC Tune-Up, Smart Thermostats, Water Savings Devices	120

Program	Enrollment(s)	Location Name	Installation Address	Council District	kW savings	kWh savings	\$ Incentive	Measures Installed	Total # of Units
Multifamily	1281029	Radius at the Domain	11900 HOBBY HORSE CT	7	393	1,123,418	\$291,145	Plenum Redesign and Remediation, HVAC Tune-ups, Smart Thermostats, Water Savings Devices	340
Multifamily	1283892	Henry Heights	12330 METRIC BLVD	7	78	275,269	\$149,565	Attic insulation, HVAC Tune-Up, Lighting, Plenum Redesign and Remediation, Water Savings Devices.	184
Multifamily	1265247	Sundance Apartments	1006 Banister Ln	3	98	318,338	\$189,182	Attic Insulation, HVAC Tune-Up, Smart Thermostats, Lighting, Water Savings Devices	228
Multifamily	1266002 , 1279935	3500 Westlake Apts	3500 N CAPITAL OF TEXAS HWY	10	187	469,365	\$120,440	HVAC Tune-Ups, Smart Thermostats, LED Lighting, Plenum Remediation & Sealing.	175
Multifamily	1262337	Cortland Southpark Terraces	10101 S 1st St	5	73	151,420	\$95,531	Attic Insulation, Duct Remediation & Seal, HVAC Tune-Up, Smart Thermostats, ECAD Incentive	244
Multifamily and Multifamily Income Qualified Totals					4,452	14,864,255	\$2,024,419		3,319

Table 2: Commercial and Small Business – FY2022-23 Projects Requesting Ratification

Program	Enrollment Number	Location Name	Installation Address	Council District	kW savings	kWh savings	\$ Incentive	Measures Installed
Commercial	1276752	STATE TFC	701 W 51 st STREET	9	403	1,256,641	\$125,167	Lighting
Commercial	1271046	RIVERSOUTH	401 S 1 st ST	9	291	771,439	\$80,720	Chillers, Lighting, Variable Frequency Drives (VFD)
Commercial	1265592	NORTH AUSTIN COMPLEX	4601 W GUADALUPE ST	9	772	2,520	\$223,300	Thermal Energy Storage
Commercial	1275836	WILLIAM B. TRAVIS BLDG	1701 CONG AVE	9	259	808,733	\$100,159	Lighting
Commercial	1275840	STEPHEN F AUSTIN BLDG	1700 CONG AVE	9	326	1,016,047	\$125,585	Lighting
Commercial	1276879	WILLIAM P CLEMENTS STATE BLDG	300W 15 th ST	9	457	1,427,173	171,494	Lighting
Commercial and Small Business Totals					2,508	5,282,553	\$826,425	

Strategic Outcome(s):

Government that Works for All.