

Posting Language

Approve issuance of capacity-based incentives to Individuals Directed to Excellence and Achievement (IDEA) Public Schools for installation of solar electric systems on their facilities located at 700 Showplace Lane, 9504 N IH 35 SVRD SB, 1901 E Wells Branch Parkway, 1438 E Yager Lane, 1701 Vargas Road, 5816 Wilcab Road, and 1700 E Slaughter Lane, in an amount not to exceed \$924,858.

Lead Department

Austin Energy

Fiscal Note

Funding in the amount of \$924,858 is available in the Fiscal Year 2023-2024 Austin Energy Operating Budget.

For More Information:

Amy Everhart, Director Local Government Issues (512) 322-6087; Tim Harvey, Customer Renewable Solutions Manager (512) 482-5386.

Council Committee, Boards and Commission Action:

May 13, 2024 –Recommended by the Electric Utility Commission on a vote of 10-0 with one vacancy.
May 21, 2024 – To be reviewed by the Resource Management Commission.

Additional Backup Information:

Austin Energy requests approval to issue these capacity-based incentives (CBI) to the Customer for the installation of solar electric systems at their facilities to produce renewable energy for on-site consumption. The table below provides a summary of the combined system sizes, costs, proposed incentives, and environmental benefits:

Solar System Details*	
Total System Size (kW-DC)	1,028
Total System Size (kW-AC)	853
Annual Estimated Production (kWh)	1,521,102
Total System Cost (\$)	\$1,952,478
Total Incentive (\$)	\$924,858
Percent of Cost Covered	47%
Environmental Benefits** and Emission Reduction Equivalencies***	
Reduction of Carbon Dioxide (CO2) in tons	680
Reduction of Sulfur Dioxide (SO2) in pounds	761
Reduction of Nitrogen Oxide (NOX) in pounds	1065
Equivalency of Vehicle Miles Driven	1,577,727
Equivalency of Cars on Austin Roadways	147
Equivalency of Trees Planted	10,200
Equivalency of Forest Acreage Added	720

*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](#)

IDEA Public Schools is a not-for-profit charter school serving grades kindergarten through 12th grade. The table below shows the estimated percentage of the building’s historic energy consumption offset by the proposed solar systems.

Proposed Solar Projects							
Site Address	Incentive Rate	System Cost	Austin Energy Incentive	Generation kWh/yr	System Size kW DC	System Size kW AC	Energy Offset
700 Showplace Ln Austin, TX, 78753	\$0.90	\$279,072	\$132,192	217,590	146.88	121.91	43%
9504 N IH 35 SVRD SB Austin, TX, 78753	\$0.90	\$500,688	\$237,168	388,765	263.52	218.72	83%
1901 E Wells Branch Pkwy Pflugerville, TX, 78660	\$0.90	\$198,018	\$93,798	154,246	104.22	86.50	24%
1438 E Yager Ln Austin, TX, 78753	\$0.90	\$116,964	\$55,404	91,109	61.56	51.10	13%
1701 Vargas Rd Austin, TX, 78741	\$0.90	\$402,192	\$190,512	311,729	211.68	175.69	36%
5816 Wilcab Rd Austin, TX, 78721	\$0.90	\$181,602	\$86,022	140,948	95.58	79.33	15%
1700 E Slaughter Ln Austin, TX, 78747	\$0.90	\$273,942	\$129,762	216,715	144.18	119.67	29%

The purpose of the Austin Energy Solar PV CBI Program is to expand adoption of solar by nonprofit organizations by helping to offset the capital investment. Under this program, customers who qualify as nonprofit entities are eligible to receive \$0.90/W-DC up to \$433,800. 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.