

AGENDA



Recommendation for Council Action

Austin City Council	Item ID	45760	Agenda Number	2.
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Meeting Date:	6/4/2015	Department:	Austin Energy
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Subject

Authorize issuance of incentives to Foundation Communities for the installation of solar electric systems at its 140 residential units at 3226 W. Slaughter Lane, in an amount not to exceed \$193,248.

Amount and Source of Funding

Funding in the amount of \$193,248 is included in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:

Prior Council Action:

For More Information: Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.

Council Committee, Boards and Commission Action: May 18, 2015 - Approved by the Electric Utility Commission on a vote of 6-0 with Commissioner Herbert absent. May 19, 2015 - Approved by the Resource Management Commission on a vote of 4-0 with Commissioners Amato, Hsieh and Metzger absent.

MBE / WBE:

Related Items:

Additional Backup Information

Austin Energy requests authorization to provide incentives to Foundation Communities for a total amount not to exceed \$193,248, at a level of \$1.10 per watt-DC with an inverter efficiency factor of 96%, for the installation of solar electric systems at its 140 residential units at the Homestead Oaks location at 3226 W. Slaughter Lane, in Council District 5.

The solar installations will have a total capacity of 151.9kW-AC. The total installation cost is \$545,000 and the incentive is expected to cover up to 35.5% of the total cost.

Austin Energy's solar program helps meet the community's solar goal of 950 MW by 2025, including 200 MW of local solar capacity, established in the updated Resource, Generation and Climate Protection Plan approved by City Council in December 2014. The solar program is designed to reduce the amount of electricity Austin Energy must purchase from the market and reduce associated greenhouse gas emissions.

These energy improvements will generate an estimated 256,200 kWh per year—enough to power 23 average Austin homes for a year. This project will save 170 tons of Carbon Dioxide (CO₂); 214 pounds of Sulfur Dioxide (SO₂); 236 pounds of Nitrogen Oxide (NO_x); and 164 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere each year, and 115,290 gallons of water from being used at a power plant. These emissions reductions are equivalent to planting 3,952 trees or 198 acres of forest in Austin's parks or the removal of 345,404 vehicle miles or 30 cars from Austin roadways.

The Austin City Council launched Austin Energy's original solar photovoltaic (PV) rebate incentive program in 2004 (Resolution No. 040527-06) to benefit Austin residents and utility customers by promoting the use of an environmentally-friendly and energy efficient renewable energy resource; promoting economic development for the development, recruitment, and retention of renewable energy enterprises; and ensuring that Austin remains a local, national, and international leader in the development and use of renewable energy.