

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	23820	Agenda Number	
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Meeting Date:	4/25/2013	Department:	Austin Energy
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## Subject

Approve the issuance of rebates to the residents of 12th Street Court and to PSW Real Estate, LLC, the developer of the 12th Street Court, for the installation of solar energy systems serving 20 new construction condominium units located at 2612 W. 12th Street, Austin, Texas 78703, for a total amount not to exceed \$102,453.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2012-2013 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 322-6087, Debbie Kimberly 322-6327, Leslie Libby 482-5390.

Boards and Commission Action: To be reviewed by the Electric Utility Commission on April 15, 2013 and the Resource Management Commission on April 16, 2013.

MBE / WBE:

Related Items:

## Additional Backup Information

Austin Energy requests authorization to issue rebates to the residents of 12<sup>th</sup> Street Court and to PSW Real Estate, LLC, the developer of the 12<sup>th</sup> Street Court, for the total amount not to exceed \$102,453 for the installation of solar photovoltaic (PV) systems at 2612 W. 12<sup>th</sup> Street, Austin, Texas 78703.

The total installation cost is \$212,480 and the incentive will cover 48% of the cost. The rebate level for this project is \$2,000 per kW. The solar equipment, which meets Austin Energy program requirements, includes a total of 128 solar modules rated at 180 watts, 120 solar modules rated at 255 watts, and associated inverters rated at 95.5% efficiency. A total of 41.3 kW-AC in demand savings is expected.

This energy improvement will save an estimated 67,788 kWh per year—enough to provide electricity to six average Austin homes for a year—and produce an estimated 68 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,046 trees or 52 acres of forest in Austin's parks or the removal of 91,391 vehicle miles or 8 cars from Austin roadways. This project will save 45 tons of Carbon Dioxide (CO<sub>2</sub>); 57 pounds of Sulfur Dioxide (SO<sub>2</sub>); 63 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 43 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.