AUSTIN CITY COUNCIL

AGENDA

Recommendation for Council Action

Austin City Council	**Item ID**	23886	**Agenda Number**	
Meeting Date:	4/25/2013	**Department:**	Austin Energy	

Subject

Approve the issuance of rebates to the residents of The South 5th, for the installation of solar energy systems serving 14 new construction condominium units located at 2301 South 5th Street, Austin, Texas 78704, for a total amount not to exceed $113,970.

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 The South 5th, totaling $113,970, for the installation of solar photovoltaic (PV) systems located at 2301 South 5th Street, Austin, Texas 78704.

The total installation cost is $234,000 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 234 solar modules rated at 255 watts, and associated inverters rated at 95.5% efficiency. A total of 46 kW-AC in demand savings is expected.

This energy improvement will save an estimated 68,945 kWh per year—enough to provide electricity to six average Austin homes for a year—and produce an estimated 69 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,064 trees or 53 acres of forest in Austin's parks or the removal of 92,950 vehicle miles or eight cars from Austin roadways. This project will save 46 tons of Carbon Dioxide (CO2); 64 pounds of Sulfur Dioxide (SO2); 58 pounds of Nitrogen Oxide (NOX), and 44 pounds of Carbon Monoxide (CO) from being emitted

into the atmosphere.