

A G E N D A



Recommendation for Council Action

Austin City Council

Item ID

23158

Agenda Number

7.

Meeting Date:

3/28/2013

Department:

Austin Energy

Subject

Authorize negotiation and execution of an agreement with Pflugerville Independent School District to provide a performance-based incentive for the generation of solar energy at Parmer Lane Elementary School located at 1806 Parmer Lane, Austin, Texas 78727, in an estimated amount of \$26,107 per year, for a total contract amount not to exceed \$261,070 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$26,107 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:

Recommended by the Electric Utility Commission and the Resource Management Commission.

MBE / WBE:

Related Items:

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Pflugerville Independent School District, to provide a performance-based incentive (PBI) for an estimated \$26,107 per year, for a total amount not to exceed \$261,070 over the 10-year period for the generation of solar energy at Parmer Lane Elementary School located at 1806 Parmer Lane, Austin, Texas 78727.

The total installation cost is \$337,500 and the incentive will cover between 74% and 78% of the cost. The PBI level for this project is \$0.14 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 450 solar modules rated at 300 watts and associated inverters rated at 97.5% efficiency. A total of 103.95 kW-AC in demand savings is expected.

This project involves a third party equipment lease. To further encourage participation in the solar PBI program by not-for-profits, including school districts, Austin Energy allows the photovoltaic (PV) system to be installed under a third party equipment lease. This program helps address the long standing issue whereby not-for-profits are ineligible

for IRS benefits such as tax credits and accelerated depreciation. The first PBI involving leased equipment was approved by Council in December 2012.

This energy improvement will save an estimated 177,599 kWh per year—enough to provide electricity to 16 average Austin homes for a year—and produce an estimated 178 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 2,740 trees or 137 acres of forest in Austin's parks or the removal of 239,436 vehicle miles or 20 cars from Austin roadways. This project will save 118 tons of Carbon Dioxide (CO₂); 148 pounds of Sulfur Dioxide (SO₂); 164 pounds of Nitrogen Oxide (NOX), and 114 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.