

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	20583	Agenda Number	2.
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Meeting Date:	12/6/2012	Department:	Austin Energy
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Subject

Approve the issuance of a performance based incentive to Youth and Family Alliance dba LifeWorks for the generation of solar energy at its facility located at 835 N. Pleasant Valley Road in Austin, Texas, for an estimated \$40,800 per year for a total amount not to exceed \$408,000 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$40,800 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, Director, Local Government Relations, 322-6087; Leslie Libby, Solar Program Manager, 482-5390; Scott Jarman, Interim Director of Energy Efficiency Services, 482-5307.
Boards and Commission Action:	Recommended by the Electric Utility Commission.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a performance based incentive (PBI) to Youth and Family Alliance dba LifeWorks, for an estimated \$40,800 per year, not to exceed \$408,000 over a 10-year period for the generation of solar energy at 835 N. Pleasant Valley Road, Austin, Texas 78702. The total project cost is \$660,000; the incentive will cover between 53% and 62% 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 819 solar modules rated at 245 watts and associated inverters rated at 95.5% efficiency. A total of 154.5 kW in demand savings is expected.

This energy improvement will save an estimated 253,417 kWh per year—enough to provide electricity to 22 average Austin homes for a year—and produce an estimated 253 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 3,909 trees or 195 acres of forest in Austin's parks or the removal of 341,652 vehicle miles or 29 cars from Austin roadways. This project will save 168 tons of Carbon Dioxide (CO₂); 211 pounds of Sulfur Dioxide (SO₂); 234 pounds of Nitrogen Oxide (NOX), and 163 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.