

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 9-27-2012

SUBJECT: Approve the issuance of a Letter of Intent for a Performance Based Incentive to Circuit of the Americas for the generation of solar energy at their facility located at 9201 Circuit of the Americas Blvd., Austin, Texas 78617, for an estimated \$49,300 per year with the total amount not to exceed \$566,200 over the 10-year agreement.

AMOUNT & SOURCE OF FUNDING: Funding is contingent upon available funds in future budgets.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Leslie Libby, Solar Program Manager, 482-5390; Scott Jarman, Interim Director of Energy Efficiency Services, 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on August 20, 2012 and the Resource Management Commission on August 21, 2012.

Austin Energy requests authorization to issue a letter of intent for a performance based incentive (PBI) to Circuit of the Americas for an estimated \$49,300 per year, not to exceed \$566,200 over the 10-year agreement for the generation of solar energy at 9201 Circuit of the Americas Blvd., Austin, Texas 78617. The total cost is \$835,380 and the incentive will cover between 58% - 68% 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 1008 solar modules rated at 255 watts and associated inverters rated at 96% efficiency. A total of 197.9 kW in demand savings is expected.

This energy improvement will save an estimated 351,654 kWh per year—enough to provide electricity to 31 average Austin homes for a year—and produce an estimated 352 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,425 trees or 271 acres of forest in Austin's parks or the removal of 474,094 vehicle miles or 41 cars from Austin roadways. This project will save 233 tons of Carbon Dioxide (CO₂); 293 pounds of Sulfur Dioxide (SO₂); 324 pounds of Nitrogen Oxide (NOX), and 226 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.