

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

AGENDA DATE: 11/12/2015

SUBJECT: Authorize execution of an agreement with HEB to provide a performance-based incentive for the generation of solar energy at 15 facilities, for an estimated \$155,712 per year, for a total amount not to exceed \$1,557,120 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$155,712 is included in the Fiscal Year 2015-2016 Operating Budget of Austin Energy.

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

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.

BOARD AND COMMISSION ACTION: October 19, 2015 - To be reviewed by the Electric Utility Commission. October 20, 2015 – To be reviewed by the Resource Management Commission.

Austin Energy requests authorization to enter into an agreement with HEB to provide a performance-based incentive (PBI) for a total amount not to exceed \$1,557,120, at levels ranging from \$0.02 to \$0.05 per kilowatt hour (kWh), over the 10-year period, for the generation of solar energy at 15 of their facilities located within Austin Energy's service area.

This solar installation will have a total capacity of 2.624 MW-AC. The total installation cost is \$5,747,040 and the incentive is expected to cover up to 28% of the total cost.

Austin Energy's solar program helps meet the community's solar goal of 950 MW by 2025, including 200 MW of local solar capacity, established in the Resource, Generation and Climate Protection Plan updated by City Council in December 2014. The solar program is designed to reduce the amount of electricity Austin Energy must purchase from the market and reduce associated greenhouse gas emissions.

This energy improvement will generate an estimated 4,273,287 kWh per year—enough to power 378 average Austin homes for a year. This project will save 2,828 tons of Carbon Dioxide (CO₂); 3,566 pounds of Sulfur Dioxide (SO₂); 3,943 pounds of Nitrogen Oxide (NOX); and 2,741 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere each year, and 1,922,979 gallons of water from being used at a power plant. These emissions reductions are equivalent to planting 65,920 trees or 3,296 acres of forest in Austin's parks or the removal of 5,761,172 vehicle miles or 492 cars from Austin roadways.

The Austin City Council launched Austin Energy's original solar photovoltaic (PV) rebate incentive program in 2004 (Resolution No. 040527-06) to benefit Austin residents and utility customers by: promoting the use of an environmentally-friendly and energy efficient renewable energy resource; promoting economic development for the development, recruitment and

retention of renewable energy enterprises; and ensuring that Austin remains a local, national and international leader in the development and use of renewable energy.

In 2010, City Council approved Resolution No. 20100204-003, revising Austin Energy's solar program for commercial customers by replacing the upfront rebate with "performance-based" payments. The PBI solar program offers commercial customers payments based on the metered solar production of their approved PV system for the first 10 years of operation. Payments are made as a monthly billing adjustment to the customers' electric account.

Austin Energy Project Fact Sheet Solar Applications

Customer Name	HEB
Facility Address(es)	12860 Research Blvd (District 10) 5800 W Slaughter Ln (District 8) 1000 E 41st St (District 9) 2701 E 7 th (District 3) 500 Canyon Ridge Dr (District 7) 7301 N FM 620 (District 6) 5808 Burnet Rd (District 7) 9414 N Lamar Blvd (District 4) 7025 Village Center Dr (District 10) 12400 Hwy 71 W, Bee Cave 14028 N US 183 (District 6) 6001 Parmer Ln (District 6) 4001 N Lamar Blvd (District 9) 10710 Research Blvd SB Unit 200 (Dist. 10) 701 Capital of TX Hwy, West Lake Hills
Customer Contact	Manuel Garza
Phone Number	210-938-0718
Estimated Total Incentives	\$155,712 per year for 10-years
Application Received Date	7/10/2015
Number of Modules	12,160
Wattage per Module (STC)	260
Inverter Efficiency	98%
Solar Contractor	Solar City
Contractor Contact	Brian Stern
Contractor Phone	303-807-9296
Installation Cost	\$5,747,040
Estimated kWh Savings	4,273,287 kWh per year
Estimated kW Demand Savings	2.624 MW-AC
Estimated Date of Completion	TBD
Site Information/Additional Comments	Supermarket chain.

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

AGENDA DATE: 11/12/2015

SUBJECT: Authorize execution of an agreement with Strictly Pediatrics to provide a performance-based incentive for the generation of solar energy at their facility located at 4900 Mueller Boulevard, for an estimated \$37,514 per year, for a total amount not to exceed \$375,140 over a 10-year period. (Council District 9)

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$37,514 is included in the Fiscal Year 2015-2016 Operating Budget of Austin Energy.

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

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.

BOARD AND COMMISSION ACTION: October 19, 2015 - To be reviewed by the Electric Utility Commission. October 20, 2015 – To be reviewed by the Resource Management Commission.

Austin Energy has entered into a previous agreement with Strictly Pediatrics to provide a performance-based incentive (PBI) for a total amount not to exceed \$375,552.86, at 0.09 per kilowatt hour (kWh), over the 10-year period. Austin Energy requests authorization to enter into a subsequent agreement with Strictly Pediatrics to provide a PBI for a total amount not to exceed \$375,140.58, at 0.04 per kWh, over the 10-year period, for the generation of solar energy at their facilities located facility located at 4900 Mueller Boulevard in Council District 9.

This solar installation will have a total capacity of 689 kW-AC. The total installation cost is \$2,815,432.80 and the incentive is expected to cover up to 27% of the total cost.

Austin Energy's solar program helps meet the community's solar goal of 950 MW by 2025, including 200 MW of local solar capacity, established in the Resource, Generation and Climate Protection Plan updated by City Council in December 2014. The solar program is designed to reduce the amount of electricity Austin Energy must purchase from the market and reduce associated greenhouse gas emissions.

This energy improvement will generate an estimated 1,178,376 kWh per year—enough to power 104 average Austin homes for a year. This project will save 780 tons of Carbon Dioxide (CO₂); 983 pounds of Sulfur Dioxide (SO₂); 1,087 pounds of Nitrogen Oxide (NO_x); and 756 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere each year, and 530,269 gallons of water from being used at a power plant. These emissions reductions are equivalent to planting 18,178 trees or 909 acres of forest in Austin's parks or the removal of 1,588,666 vehicle miles or 136 cars from Austin roadways.

The Austin City Council launched Austin Energy's original solar photovoltaic (PV) rebate incentive program in 2004 (Resolution No. 040527-06) to benefit Austin residents and utility customers by: promoting the use of an environmentally-friendly and energy efficient renewable energy resource; promoting economic development for the development, recruitment and retention of renewable energy enterprises; and ensuring that Austin remains a local, national and international leader in the development and use of renewable energy.

In 2010, City Council approved Resolution No. 20100204-003, revising Austin Energy's solar program for commercial customers by replacing the upfront rebate with "performance-based" payments. The PBI solar program offers commercial customers payments based on the metered solar production of their approved PV system for the first 10 years of operation. Payments are made as a monthly billing adjustment to the customers' electric account.



Austin Energy Project Fact Sheet Solar Applications

File Number(s)	PBI241
Customer Name	Strictly Pediatrics
Facility Address(es)	4900 Mueller Blvd
Customer Contact	Sharon Wilkens
Phone Number	512-524-1122
Estimated Incentives	\$37,555 per year for 10-years
Application Received Date	6/26/2015
Number of Modules	846
Wattage per Module (STC)	305
Inverter Efficiency	97.5%
Solar Contractor	Meridian
Contractor Contact	Joe Schmitz
Contractor Phone	512-448-0055
Installation Cost	\$929,166
Estimated kWh Savings	362,853 kWh per year
Estimated kW Demand Savings	200 kW
Estimated Date of Completion	TBD
Site Information/Additional Comments	Pediatric offices



Austin Energy Project Fact Sheet Solar Applications

File Number(s)	PBI294
Customer Name	Strictly Pediatrics
Facility Address(es)	4900 Mueller Blvd
Customer Contact	Sharon Wilkens
Phone Number	512-524-1122
Estimated Incentives	\$37,514 per year for 10-years
Application Received Date	9/29/2015
Number of Modules	1748
Wattage per Module (STC)	327
Inverter Efficiency	97.5%
Solar Contractor	Freedom
Contractor Contact	Bret Biggart
Contractor Phone	512-640-3864
Installation Cost	\$1,886,266
Estimated kWh Savings	815,523 kWh per year
Estimated kW Demand Savings	488 kW
Estimated Date of Completion	TBD
Site Information/Additional Comments	Pediatric offices