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Recommendation for Council Action				
Austin City Council	Item ID	53881	Agenda Number	
Meeting Date:	2/25/2016		Department:	Austin Energy
Subject				
Authorize issuance of a rebate to Foundation Communities for performing energy efficiency improvements at the Trails at the Park Apartments located at 815 W. Slaughter Lane, in an amount not to exceed \$62,367. (District 5)				
Amount and Source of Funding				
Funding is available 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.				
Purchasing Language:				
Prior Council Action:				
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.			
Council Committee, Boards and Commission Action:	February 16, 2016 – To be reviewed by the Resource Management Commission. February 22, 2016 – To be reviewed by the Electric Utility Commission.			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to issue a rebate to Foundation Communities, in an amount not to exceed \$62,367, for an energy efficient measure completed at The Trails at the Park Apartments located at 815 W. Slaughter Lane in Council District 5.</p> <p>The property comprises 53 buildings and 200 apartment units, with a total of 202,580 square feet of conditioned space. The average rent for the one bedroom unit is \$850 and the two bedroom unit is \$975. The energy efficiency measure to be completed at this property is duct sealing. The estimated total cost of the project is \$78,958; the rebate will cover approximately 79% of the total cost.</p> <p>These improvements are in accordance with Austin Energy's Multifamily Rebate Program. This and other multifamily rebate projects require proof of compliance with the City's Energy Conservation Audit and Disclosure (ECAD) ordinance, as described in Chapter 6-7 Energy Conservation of the Austin City Code. Per the rebate program guidelines, the rebate check cannot be issued prior to proof of compliance with ECAD. The guidelines allow the property owner or manager to use registered ECAD auditors to perform an energy audit concurrently with</p>				

installation of the efficiency measures so that residents are not unnecessarily inconvenienced. Only upon successful completion and final inspection of the work, and providing proof of ECAD compliance, will the rebate check be issued. In the case of The Trails at the Park Apartments, the General Contractor agreed to provide the ECAD audit, which will bring the property status from 'Pending Compliance' to 'In Compliance.' At that point, the City of Austin Energy Guide document will be displayed at the apartment complex for current and prospective tenants to view. It lists the estimated monthly electric cost, results of the energy audit and other details about the property.

These improvements are in accordance with Austin Energy's Multifamily Rebate Program. This program is one of the elements of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan, to realize 700 MW of energy efficiency and 200 MW of demand response by 2025. The plan, approved by City Council in April 2010 and updated in December 2014, is designed in part to reduce local air pollution through energy conservation, reduce peak demand, reduce the need to purchase additional generation, and assist customers in reducing electric consumption.

The avoided kilowatt hours (kWh) estimated at 172,962 kWh per year represents a major benefit to the local environment. This project is estimated to prevent the production of the following air pollutants: 103.9 metric tons of Carbon Dioxide (CO₂), 0.072 metric tons of Nitrogen Oxides (NO_x), and 0.065 metric tons of Sulfur Dioxide (SO₂). The project savings is equivalent to an estimated 233,184 vehicle miles traveled, the removal of 19 cars from our roadways, or the planting of 2,668 trees or 133 acres of forest in Austin's parks.

PROJECT FACT SHEET – Trails at the Park / Foundation Communities

Property Name	Trails at the Park Apartments		
Customer Name	Foundation Communities		
Property Address	815 West Slaughter Lane, Austin, TX 78748		
Average Rent:	1BR \$850 / 2BR \$975		
Year Built	1999		
Number of Units	200	Contractor	360 Energy Savers
Housing Type:	Market Rate	Total Measure Costs	\$78,958
FY 2015 Average Median Family Income¹	\$76,800	Total Rebate – Not to Exceed	\$62,367
Average Income for 78748	\$65,556	% of Total Measure Costs	79%
ECAD Status	Pending ²	Rebate per Unit	\$312

PROJECT ANNUAL SAVINGS AT 100% OCCUPANCY ³		SCOPE OF WORK
kW Saved – Estimated	156	Duct Sealing – Furrdowns
\$/kW – Estimated	\$400	
kWh Saved – Estimated	172,962	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$7.92 ⁴

Previous Measures Performed in the last 10 years	Completion Date	Rebate Amount
Compact Fluorescent Lightbulbs	2009	\$18,427


Multifamily Program Averages for Duct Seal – Previous 1 Year Participation					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Units per Project	Avg annual dollar savings per customer
Duct Seal	\$583	89%	121,951	126	\$96

¹ For a four person household in Austin. Source: 2015 HOME Program Income Limits by Household Size. City of Austin, Neighborhood Housing and Community Development Office.

² General contractor agrees to provide the ECAD audit, to change the property status from 'Pending Compliance' to 'In Compliance,' which is included in their scope of work. Rebates will not be issued to any property owners pending final confirmation that this has been completed.

³ Energy (kWh) and dollars (\$) saved per project varies by both the size of the project and the type of heating; projects with electric heat save over twice as much as projects with gas heat.

⁴ Calculation based on 0.11 cents per kWh.

<div style="text-align: center;"> A U S T I N C I T Y C O U N C I L AGENDA </div> 				
Recommendation for Council Action				
Austin City Council	Item ID	54121	Agenda Number	
Meeting Date:	2/25/2016	Department:	Austin Energy	
Subject				
Authorize issuance of a rebate to Nimes Capital, for performing energy efficiency improvements at The Ballpark Austin Apartments located at 4600 Elmont Drive, in an amount not to exceed \$85,595. (District 3)				
Amount and Source of Funding				
Funding is available 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.				
Purchasing Language:				
Prior Council Action:				
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.			
Council Committee, Boards and Commission Action:	February 16, 2016 – To be reviewed by the Resource Management Commission. February 22, 2016 – To be reviewed by the Electric Utility Commission.			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to issue a rebate to Nimes Capital, in an amount not to exceed \$85,595, for an energy efficient measure completed at the Ballpark Austin Apartments located at 4600 Elmont Drive, in Council District 3.</p> <p>The property comprises 18 buildings and 282 apartment units, with a total of 250,272 square feet of conditioned space. The average rent for the one bedroom unit is \$925 and the two bedroom units rents for \$1,340. The energy efficiency measure to be completed at this property is duct sealing. The estimated total cost of the project is \$106,994; the rebate will cover approximately 80% of the total cost.</p> <p>These improvements are in accordance with Austin Energy's Multifamily Rebate Program. This and other multifamily rebate projects require proof of compliance with the City's Energy Conservation Audit and Disclosure (ECAD) ordinance, as described in Chapter 6-7 Energy Conservation of the Austin City Code. Per the rebate program guidelines, the rebate check cannot be issued prior to compliance with ECAD. The guidelines allow the property owner or manager to use registered ECAD auditors to perform an energy audit concurrently with installation of the energy efficiency measures so that residents are not unnecessarily inconvenienced. Only upon successful completion and final inspection of the work, and providing proof of ECAD compliance, will the rebate check be issued. In the case of the Ballpark Austin Apartments, the General Contractor agreed to provide the ECAD audit, which will bring the property status from 'Pending Compliance' to 'In Compliance.' At that point, the City of Austin Energy Guide</p>				

document will be displayed at the apartment complex for current and prospective tenants to view. It lists the estimated monthly electric cost, results of the energy audit and other details about the property.

This program is one of the elements of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan, to realize 700 MW of energy efficiency and 200 MW of demand response by 2025. The original plan, approved by City Council in April 2010 and updated in December 2014, is designed in part to reduce local air pollution through energy conservation, reduce peak demand, reduce the need to purchase additional generation, and assist customers in reducing electric consumption.

The avoided kilowatt hours (kWh) estimated at 487,139 kWh per year represents a major benefit to the local environment. This project is estimated to prevent the production of the following air pollutants: 292.5 metric tons of Carbon Dioxide (CO₂), 0.204 metric tons of Nitrogen Oxides (NO_x), and 0.184 metric tons of Sulfur Dioxide (SO₂). The project savings is equivalent to an estimated 656,752 vehicle miles traveled, the removal of 56 cars from our roadways, or the planting of 7,515 trees or 376 acres of forest in Austin's parks.

PROJECT FACT SHEET – Ballpark Austin Apartments/Nimes Capital

Property Name	The Ballpark Austin Apartments		
Customer Name	Nimes Capital		
Property Address	4600 Elmont Dr., Austin, TX 78741		
Average Rent	1BR \$925 / 2BR \$1,340		
Year Built	2000		
Number of Units	282	Contractor	Leelynn Energy Solutions
Housing Type	Market Rate	Total Measure Costs	\$106,994
FY 2015 Average Median Family Income¹	\$76,800	Total Rebate – Not to Exceed	\$85,595
Average Income for 78741	\$30,871	% of Total Measure Costs	80%
ECAD Status	Pending ²	Rebate per Unit	\$304

PROJECT ANNUAL SAVINGS AT 100% OCCUPANCY ³		SCOPE OF WORK
kW Saved – Estimated	213.9	Duct Sealing – Furrdown (99%) and Up-flow (1%)
\$/kW – Estimated	\$400	
kWh Saved – Estimated	487,139	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$15.83 ⁴

Previous Measures Performed in the last 10 years	Completion Date	Rebate Amount
Compact Fluorescent Lightbulbs	2010	\$44,337





Multifamily Program Averages for Duct Seal – Previous 1 Year Participation					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Units per Project	Avg annual dollar savings per customer
Duct Seal	\$583	89%	121,951	126	\$96

¹ For a four person household in Austin. Source: 2015 HOME Program Income Limits by Household Size. City of Austin, Neighborhood Housing and Community Development Office.

² General contractor agrees to provide the ECAD audit to change the property status from 'Pending Compliance' to 'In Compliance,' which is included in their scope of work. Rebates will not be issued to any property owners pending final confirmation that this has been completed.

³ Energy (kWh) and dollars (\$) saved per project varies by both the size of the project and the type of heating; projects with electric heat save over twice as much as projects with gas heat.

⁴ Calculation based on 0.11 cents per kWh.

<div style="text-align: center;"> A U S T I N C I T Y C O U N C I L AGENDA </div> <div style="display: flex; justify-content: space-around;">     </div>				
Recommendation for Council Action				
Austin City Council	Item ID	54815	Agenda Number	
Meeting Date:	2/25/2016		Department:	Austin Energy
Subject				
<p>Authorize issuance of a rebate to Oracle America Inc., for the installation of energy efficiency measures at its data center located at 11400 N. Lamar Blvd., in an amount not to exceed \$118,808. (District 7)</p>				
Amount and Source of Funding				
<p>Funding is available in the Fiscal Year 2015-2016 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.</p>			
Council Committee, Boards and Commission Action:	<p>February 16, 2016 - To be reviewed by the Resource Management Commission. February 22, 2016 - To be reviewed by the Electric Utility Commission.</p>			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to issue a rebate to Oracle America Inc., in an amount not to exceed \$118,808 for energy efficiency measures installed at its data center. This existing data center facility is located at 11400 N. Lamar Blvd. in Council District 7.</p> <p>This Oracle facility is a 130,804 square foot data center and office building. The energy efficiency measure installed is electronically commutated motors or ECMs retrofitted on 63 existing computer room air conditioners. The estimated total cost of installing the measures is \$839,081 and the rebate will cover 14.2% of the total cost. The demand savings associated with this energy efficiency project are estimated at 339.5 kilowatts (kW) at a program cost of \$350 per kW saved.</p> <p>These improvements are in accordance with Austin Energy's Commercial Rebate Program guidelines. This program is one of the elements of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to realize 700 megawatts (MW) of energy efficiency and 200 MW of demand response by 2025. The plan, approved by City Council in April 2010 and updated in December 2014, is designed in part to reduce local air pollution through energy</p>				

conservation, reduce peak demand, reduce the need to purchase additional generation and assist customers in reducing electric consumption.

The avoided kilowatt hours (kWh) estimated at 2,973,582 kWh per year represents a major benefit to the local environment. This project is estimated to prevent the production of the following air pollutants: 1,785.5 metric tons of Carbon Dioxide (CO₂), 1.126 metric tons of Sulfur Dioxide (SO₂) and 1.245 metric tons of Nitrogen Oxides (NO_x). The project savings are equivalent to an estimated 4,008,932 vehicle miles traveled, the removal of 342 cars from our roadways, the planting of 45,871 trees or 2,294 acres of forest in Austin's parks.

COMMERCIAL REBATE FACT SHEET – ORACLE (DATA CENTER)

Property Name	Oracle Austin's Data Center		
Customer Name	Oracle		
Property Address	11400 N. Lamar		
ECAD Status In Compliance	Total Measure Costs	\$839,081	
	Total Rebate – Not to Exceed	\$118,808	
	% of Total Measure Costs	14.2%	

SCOPE OF WORK					
Measure	Rebate Amount	kW Saved - Estimated	kWh Saved - Estimated	Measure Costs	\$/kW
Computer Room Air Conditioner Units Retrofitted with Electronically Commutated Motors Plug Fans**	\$118,808	339.5	2,973,582	\$839,081	\$350
Totals	\$118,808	339.5	2,973,582	\$839,081	\$350

* Computer Room Air Conditioners

**ECM motors allow for variable speed cooling and can maintain efficiency across a wide range of operating speeds; plug fans are more efficient than traditional centrifugal fans.

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
None	N/A	N/A

AE Commercial Energy Efficiency Program for FY2016 (as of January 31, 2016)							
Program	kW Savings Goal	YTD kW Savings	% of Goal	Budget	YTD Dollars Spent	YTD Participation	\$/kW
Commercial Rebates	13,500	1,957	14.5%	\$3,227,000	\$588,393	75	\$301

**CITY OF AUSTIN – PURCHASING OFFICE
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: MARCH 3, 2016

VENDOR NAME: TELVENT USA HOLDINGS LLC DBA SCHNEIDER ELECTRIC

SUBJECT: Authorize negotiation and execution of a 12 month contract with **TELVENT USA HOLDINGS LLC DBA SCHNEIDER ELECTRIC** for the purchase of continued access to Energy Profiler Online, a web-based load profiling software, in an amount not to exceed \$366,308 with four 12-month extension option in an amount not to exceed \$366,608 per extension option, for a total contract amount not to exceed \$1,833,040.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$183,154 is available in the Fiscal Year 2015-2016 Operating Budget of Austin Energy. Funding for the remaining six months of the original contract period and extension options is contingent upon available funding in future budgets.

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

PURCHASING: Sole Source

BOARD AND COMMISSION ACTION: February 22, 2016 - To be reviewed by the Electric Utility Commission. February 16, 2016 – To be reviewed by the Resource Management Commission.

MBE/WBE: This contract will be awarded as a sole source and is exempt from City Code Chapter 2-9C Minority and Women Owned Business Enterprise Procurement Program.

FOR MORE INFORMATION CONTACT: Debbie Depaul, Senior Buyer Specialist, 512-322-6235

The contract is for the continued access to Energy Profiler Online, a proprietary web-based load profiling software. Austin Energy uses the Energy Profiler Online tool for customer engagement, to enhance energy efficiency and demand response programs, and empower the Key Accounts team by providing enhanced energy use data including visualization, analytics, and analysis for business customers.

Energy Profiler Online allows business customers to monitor their 15 minute, daily, and monthly electricity usage through a secure portal and mobile friendly applications. The service is used by customers to identify wasteful energy practices, troubleshoot electrical or mechanical systems, verify conservation improvement, as well as correlate energy use to weather changes. Customers can monitor solar energy production, energy storage performance, set alerts, create custom dashboards, compare and aggregate usage energy across multiple meters, monitor power factor, as well as obtain monthly bill estimates. The system allows customers to easily and securely export their energy use data in industry standard formats such as Green Button and Green Button Connect to advanced third party platforms customers use to track and manage their energy usage.

This system is used by Austin Energy to manage the commercial Load Co-oP demand response program which contributes directly to the 900 MW demand side management goals. It provides Austin Energy the ability to notify customers of demand response events through automated e-mail and text messages as well as receive confirmation of message receipt. It is then used to verify customer load levels, provide performance feedback, as well as calculate rebate payments customers earn from temporarily reducing electrical load upon request. In addition, the system is used to support the Electric Reliability Council of Texas's Emergency Response Service program.

The system is used to validate data as next generation advanced meters are upgraded and the Meter Data Management System is implemented. These advanced meters will report more data customers can use and the Energy Profiler Online system will provide easy and secure access to that data. Providing customers this meter information supports Austin Energy's excellent customer service through delivering information customers can use.

**CITY OF AUSTIN – PURCHASING OFFICE
RECOMMENDATION FOR COUNCIL ACTION****AGENDA DATE: MARCH 3, 2016****VENDOR NAME: TELVENT USA HOLDINGS LLC DBA SCHNEIDER ELECTRIC**

The current contract expires on March 19, 2016. Telvent US Holdings LLC dba Schneider Electric holds the exclusive rights to license use of the proprietary Energy Profiler Online software without the use of authorized third-party parties. Replacement would result in unreasonable expenses and would result in service interruption to Austin Energy's commercial and industrial customers as well as hamper Austin Energy's ability to cost effectively deliver commercial demand response programs.