









<div style="text-align: center;"> A U S T I N C I T Y C O U N C I L  <b>AGENDA</b> </div> <div style="display: flex; justify-content: space-around;">     </div>				
<b>Recommendation for Council Action (Purchasing)</b>				
Austin City Council	Item ID:	63504	Agenda Number	
Meeting Date:	October 20, 2016			
Department:	Purchasing			
Subject				
Authorize negotiation and execution of a contract with INVENSYS SYSTEMS INC., to provide distributed control system workstation upgrades, in an amount not to exceed \$779,000.				
Amount and Source of Funding				
Funding is available in the Fiscal Year 2016-2017 Capital Budget of Austin Energy.				
Fiscal Note				
A fiscal note is attached.				
Purchasing Language:	Sole Source			
Prior Council Action:				
For More Information:	Cheryl A. Kaufman, Senior Buyer, 512-505-3545			
Boards and Commission Action:	October 17, 2016 - To be reviewed by the Electric Utility Commission.			
Related Items:				
MBE / WBE:	This contract is exempt from the City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established.			
Additional Backup Information				
<p>The contract is for the upgrade of the Distributed Control System (DSC) workstations at Sand Hill Energy Center and Decker Creek Power Station. These workstations are an integral part of the mission-critical control system that operates the power plants. The existing workstations are running on an obsolete and unsupported software platform, placing Austin Energy's power production at risk. Furthermore, the workstations and associated hardware are near the end of their lifecycle which, if unaddressed, will cause operational issues when repairing or replacing any failed components.</p> <p>The upgraded workstations will provide operators with graphic dashboards to the plants' operational status and allow greater diagnostic capabilities. This upgrade will consolidate critical information and elevate staff's ability to ensure safe, efficient, and continuous plant operation.</p> <p>Invensys Systems Inc. is the sole provider of the proprietary hardware, software, and programming services required to upgrade the existing Invensys control system at Sand Hill and Decker. Invensys Systems Inc. does not permit outsourcing of these products or services to any representatives, distributors, or third parties.</p>				

This upgrade is necessary to support the reliable operation of power generation units at Sand Hill Energy Center and Decker Creek Power Station.

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<b>Recommendation for Council Action (Purchasing)</b>				
Austin City Council	Item ID:	63810	Agenda Number	
Meeting Date:	November 3, 2016			
Department:	Purchasing			
Subject				
<p>Authorize negotiation and execution of a 24-month contract with SUEZ TREATMENT SOLUTIONS, INC., or one of the other qualified offerors to Request For Proposals CAK0008, to provide mobile demineralizer and water treatment equipment rental, in an amount not to exceed \$600,000, with two 24-month extension options in an amount not to exceed \$600,000 per extension option, for a total contract amount not to exceed \$1,800,000.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$275,000 is available in the Fiscal Year 2016-2017 Operating Budget of Austin Energy. Funding for the remaining 13 months of the original contract period and extension options are contingent upon available funding in future budgets.</p>				
Fiscal Note				
<p>A fiscal note is not required.</p>				
Purchasing Language:	<p>The Purchasing Office issued a Request for Proposals (RFP) CAK0008 for these goods and services on July 11, 2016, and it closed on August 4, 2016 with three offers received. The recommended offer is the best evaluated offer submitted by a responsible offeror. Additional information on the solicitation is included below.</p>			
Prior Council Action:				
For More Information:	Cheryl A. Kaufman, Senior Buyer, 512-505-3545			
Boards and Commission Action:	October 17, 2016 - To be reviewed by the Electric Utility Commission.			
Related Items:				
MBE / WBE:	<p>This solicitation was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program. For the goods and services required for this solicitation, there were insufficient subcontracting opportunities; therefore, no subcontracting goals were established.</p>			
Additional Backup Information				

The contract is for the rental of mobile demineralizer and water treatment equipment for Austin Energy. The equipment is used at the power plants during emergency situations when the plant's equipment is off line due to equipment failure or maintenance. The equipment will also be used for treating water loops to improve the overall quality of the water on an as-needed basis. The quality of water used within power-generating equipment is important. Untreated water may degrade and cause mineral buildup to deposit within the coils, potentially prohibiting the flow of water and causing costly damages.

An evaluation team with expertise in this area evaluated the offers and scored Suez Treatment Solutions as the best to provide these services based on system concept and technical solution, demonstrated applicable experience and qualifications, cost proposal, and local business presence.

This request allows for the development of a contract with a qualified offeror selected by Council. If the City is unsuccessful in negotiating a satisfactory contract with the selected offeror, negotiations will cease and staff will return to Council so that another qualified offeror may be selected, authorizing contract negotiations with a new provider.





A complete solicitation package, including a response list, is on file in the City's Purchasing Office and is available on the City's Financial Services Austin Finance Online website. Link: [Solicitation Documents](#)





<b>SUEZ TREATMENT SOLUTIONS, INC.</b>				
	<b># months</b>	<b>Contract Amount</b>	<b>Contract Amendment</b>	<b>Revised Amount</b>
Original Term	24	\$ 600,000	n/a	n/a
Extension Option 1	24	\$ 600,000	n/a	n/a
Extension Option 2	24	\$ 600,000	n/a	n/a
<b>TOTAL</b>	<b>72</b>	<b>\$ 1,800,000</b>	<b>\$ -</b>	<b>\$ -</b>

EVALUATION MATRIX  
CAK0008  
MOBILE DEMINERALIZER AND WATER TREATMENT EQUIPMENT RENTAL/LEASE

Evaluation Category	Maximum Points	Suez Treatment Solutions Inc.	GE Power Water & Process Technologies	Evoqua Water Technologies
System Concept & Technical Solution	35	34	15	24.3
Experience, Qualifications & Performance	25	24.3	14.3	16.3
Cost	30	17.4	30	17.7
Local Business Presence	10	0	0	0
<b>Total</b>	100	75.7	59.3	58.3

NOTE: As per Section 252.049 of the local government code, contents of a proposal shall remain confidential until a contract is awarded. Therefore, the matrix will include points awarded for price but exact pricing will not be disclosed.

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<b>Recommendation for Council Action (Purchasing)</b>				
Austin City Council	Item ID:	63778	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	November 3, 2016			
Department:	Purchasing			
Subject				
<p>Authorize negotiation and execution of a 60-month contract with TECHLINE INC., to provide lighting control system devices, in an amount not to exceed \$2,408,250.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$441,513 is available in the Fiscal Year 2016-2017 Operating Budget of Austin Energy. Funding for the remaining 49 months of the original contract period is contingent upon available funding in future budgets.</p>				
Fiscal Note				
A fiscal note is not required.				
Purchasing Language:	Sole Source			
Prior Council Action:				
For More Information:	Gabriel Guerrero, Buyer II, 512-322-6060			
Boards and Commission Action:	October 17, 2016 - To be reviewed by the Electric Utility Commission.			
Related Items:				
MBE / WBE:	This contract is exempt from the City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established.			
Additional Backup Information				
<p>The contract is for the purchase of various lighting control system devices for Austin Energy (AE), including controllers, gateways, and dimming modules to be used for streetlights throughout the AE coverage area. This contract will be used to replenish stock at AE's warehouses and will allow for immediate issue to crews for maintenance and construction on an as-needed basis for critical repairs, timely maintenance, and new project requirements.</p> <p>All products under the contract are Acuity brand devices which are compatible with the Acuity Remote Operations Asset Management (ROAM) system. Acuity is the manufacturer of the proprietary ROAM system and the associated control system devices and Techline Inc. is the exclusive distributor. The City procured the ROAM system in December 2010 through a Request for Proposals solicitation process. The ROAM system is a remote intelligent streetlight monitoring system that improves the performance level of the City's streetlights by communicating outages directly to AE via an existing fiber optic network.</p>				

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<b>Recommendation for Council Action (Purchasing)</b>				
Austin City Council	Item ID:	63904	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	November 3, 2016			
Department:	Purchasing			
Subject				
<p>Authorize negotiation and execution of 60-month contract through the STATE OF TEXAS DEPARTMENT OF INFORMATION RESOURCES cooperative purchasing program with CDW-GOVERNMENT LLC, to provide Cisco products and services including maintenance and support, in an amount not to exceed \$10,000,000.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$1,833,334 is available in the Fiscal Year 2016-2017 Operating Budget of Austin Energy. Funding for the remaining 49 months of the contract period is contingent upon available funding in future budgets.</p>				
Fiscal Note				
<p>A fiscal note is not required.</p>				
Purchasing Language:	<p>Multiple cooperative purchase programs were reviewed for these goods and services. The Purchasing Office has determined this Contractor best meets the needs of the department to provide the services required at the best value for the City. The recommended Contractor is one of the current providers for these services.</p>			
Prior Council Action:				
For More Information:	<p>Gage Loots, Corporate Purchasing Manager, 512-322-6251</p>			
Boards and Commission Action:	<p>October 17, 2016 – To be reviewed by the Electric Utility Commission.</p>			
Related Items:				
MBE / WBE:	<p>This procurement was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program. For the goods and services required for this contract, there were insufficient subcontracting opportunities; therefore, no subcontracting goals were established.</p>			
Additional Backup Information				

Austin Energy is seeking a multi-year contractual agreement to support and manage all AE Cisco hardware, software under Cisco's Smartnet maintenance program and services.

The contract is for the purchase of Cisco products and services including maintenance and support. The contract will facilitate the upgrade, renewal and consolidation of Cisco Smartnet services for Austin Energy, including network, voice and security solutions. This contract will also allow for the purchase of new network technology equipment, software, and related services on an as-needed basis.


Under the new agreement, Austin Energy's estimated annual purchase expenditures for Cisco maintenance and support and new network and data communication products and services to be approximately \$2,000,000 annually.

Smartnet is Cisco's hardware and software support management system. Smartnet provides Austin Energy with device-level support including access to specialized experts as well as self-help support through Cisco's online knowledge-base community, resources, and tools. Smartnet also provides proactive diagnostics and immediate security alerts.

The Smartnet service allows Austin Energy to better manage critical communication infrastructure including over 400 routers and switches that enable network communication between Austin Energy's multiple employee locations, 74 transmission and distribution substations and its two corporate data centers. This equipment also enables secure network communication between AE's major applications including:

- Automated Distribution Management System (ADMS) – manages the electric distribution system
- Avaya – call center phone system
- Customer Care & Billing (CC&B) – manages customer billing
- Maximo – Utility asset and inventory management system
- Meter Data Management System (MDMS) - houses meter data
- Mobile Workforce Management (MWM) – field mobility
- OpenLink - energy risk management and deal capture system
- PowerPlan – used for unitization for capital asset accounting



A U S T I N C I T Y C O U N C I L				
A G E N D A				
				
Recommendation for Council Action (CCO)				
Austin City Council	Item ID:	63881	Agenda Number	
Meeting Date:	November 3, 2016			
Department:	Capital Contracting Office			
Subject				
<p>Authorize award and execution of a construction contract with FACILITIES REHABILITATION, INC., for Austin Energy's 4th and Rio Grande Chilled Water Transmission Main Project, in the amount of \$1,564,885 plus a \$312,977 contingency, for a total contract amount not to exceed \$1,877,862. (District 9)</p>				
Amount and Source of Funding				
Funding is available in the Fiscal Year 2016-2017 Capital Budget of Austin Energy.				
Fiscal Note				
A fiscal note is attached.				
Purchasing Language:	Lowest responsive bid of three bids received through a competitive Invitation for Bid solicitation.			
Prior Council Action:	January 31, 2013 - Approved Professional Services Agreement with Bury + Partners, Inc. to provide engineering services for the 2013 Engineering Services for Chilled Water in the Right of Way Rotation List.			
For More Information:	Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141; Jim Collins, 512-322-6426; John Routh, 512-505-7820.			
Boards and Commission Action:	To be reviewed by the Electric Utility Commission on October 17, 2016.			
Related Items:				
MBE / WBE:	This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 86.36% MBE and 1.60% WBE participation.			
Additional Backup Information				
<p>Austin Energy owns and operates three district energy systems serving the Downtown Central Business District, the Domain, and Mueller. Currently Austin Energy has 68 customers—nearly 18.5 million square feet of space—connected to its chiller plants. These customers include residential towers, office buildings, hotels, the Austin Convention Center, and City Hall. The Downtown and Domain systems provide chilled water services only. The Mueller Energy Center provides chilled water to neighboring buildings and chilled water, steam, and on-site generated electricity to the Dell Children's Medical Center.</p> <p>Austin Energy's chiller plants transform electrical energy into thermal energy which is then distributed, via a network of underground pipes, to external customers in the form of chilled water and steam services. The aggregation of loads enables</p>				

superior efficiencies, reliability, and quality when compared to stand-alone systems. The thermal storage elements within each station enable Austin Energy's On-Site Energy Resources to shift electrical consumption from on-peak to off-peak electrical periods. In this region, 40-45% of the electricity consumed by a typical commercial building goes to powering its air conditioning system.

The purpose of this project is to construct a chilled water transmission main to deliver chilled water to The Independent, a new 60-story residential tower at 301 West Avenue. This new transmission main will connect to the existing chilled water main at West 5<sup>th</sup> Street and Rio Grande Street, continue south on Rio Grande Street where it will tie into chilled water supply lines supported by the new bridge at West 4<sup>th</sup> Street.

The benefits of district energy to chilled water customers include reduced construction/capital costs, extraordinary reliability, and simple, low risk operations. Benefits to Austin Energy and the City include having a valuable tool for economic development, providing new revenue from long term service agreements, and advancement of environmental stewardship. Electric rate payers benefit from reduced regulatory charges due to the electric demand management provided by the district cooling system.

Due to the potential for the contractor to encounter underground utilities, such as asbestos-containing concrete, large rock shelves, and other underground utilities, and potential schedule adjustments due to the large number of projects in this area of downtown, a 20% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

This project is critical in providing chilled water service to The Independent. A delay in the award of the contract will impact Austin Energy's ability to meet the needs of the customer and the customer's residents.

The contract allows 120 Calendar days for completion of this project. This project is located within zip code 78701 (District 9). The project will be managed by Austin Energy.

FACILITIES REHABILITATION, INC. is located in Austin, Texas.

Information on this solicitation is available on the City's Austin Finance Online website. Link: [Solicitation Documents](#).

## M/WBE Summary

Public notice was given for this solicitation, CLMC611 4<sup>th</sup> and Rio Grande Chilled Water Transmission Main, through the City's Vendor Connection web portal which resulted in 57 firms receiving notification. Thirty-three firms obtained the bid documents and three bids were received and opened on September 15, 2016. One out of three bids received were from MBE/WBE certified firms. Facilities Rehabilitation, Inc. submitted the lowest responsive bid of three bids received:

Facilities Rehabilitation, Inc., Austin, Texas MBE/MH	\$1,564,885.00
S.J. Louis Construction of Texas, San Antonio, Texas	\$1,847,339.50
Bilfinger Westcon, Inc., Deer Park, Texas	\$1,908,744.28

The contractor's choice of work methodology provides for 4 areas of subcontracting opportunities which are listed below. Project specific sub-goals stated in the solicitation were 1.19% African American; 2.49% Hispanic; 0.35% Native/Asian; 1.31% WBE. Total participation estimated on base bid amount of \$1,564,885:

<u>MBE/WBE – PRIME</u>	<u>\$1,351,487</u>	<u>86.36%</u>
(MH) Facilities Rehabilitation, Inc., Austin, Texas	\$1,351,487	86.36%
 <u>MBE TOTAL – SUBCONTRACTORS</u>	 <u>\$30,000</u>	 <u>01.92%</u>
 African American Subtotal	 \$20,000	 01.28%
(MB) Sam Kellough Trucking, Austin, Texas (Hauling)	\$20,000	01.28%
 Native/Asian Subtotal	 \$10,000	 00.64%
(MA) Alpha Paving Industries, LLC, Round Rock, Texas (Construction, Street)	\$10,000	00.64%
 <u>WBE TOTAL – SUBCONTRACTORS</u>	 <u>\$25,000</u>	 <u>01.60%</u>
(FH) CL Concrete Construction, Taylor, Texas (Concrete Construction)	\$25,000	01.60%
 <u>NON M/WBE TOTAL – SUBCONTRACTORS</u>	 <u>\$158,398</u>	 <u>10.12%</u>
Hot Rod Mechanical, Inc., Austin, Texas (Construction, Chilled Water Pipe)	\$158,398	10.12%

The Contractor submitted a MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department. Second and third low bidder information is provided.

SECOND BIDDER - S.J. LOUIS CONSTRUCTION OF TEXAS, San Antonio, Texas \$1,847,339.50  
87.23% NON M/WBE prime participation; 1.35% African American; 2.54% Hispanic; 0.38% Native/Asian; 1.41% WBE; 7.09% Non M/WBE subcontractor participation.

THIRD BIDDER - BILFINGER WESTCON, INC., Deer Park, Texas \$1,908,744.28  
62.80% NON M/WBE prime participation; 1.57% African American; 26.20% Hispanic; 0.79% Native/Asian; 4.45% WBE; 4.19% Non M/WBE subcontractor participation.

# West 4<sup>th</sup> Street and Rio Grande Street Chilled Water Transmission Main Project Site Map



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

**AGENDA DATE: 11/03/2016**

**SUBJECT:** Authorize execution of an agreement with 78741 Holdings, LP, to provide incentives for the installation of solar electric systems on 20 residential units at its Las Cimas mixed-use development at 2101 Montopolis Drive, for a total amount not to exceed \$101,760. (District 3)

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2016-2017 Operating Budget of Austin Energy.

**FISCAL NOTE:** 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 17, 2016 - To be reviewed by the Electric Utility Commission. October 18, 2016 – To be reviewed by the Resource Management Commission.

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Austin Energy requests authorization to enter into an agreement with 78741 Holdings, LP, to provide incentives, for a total amount not to exceed \$101,760, for the installation of solar electric systems at its Las Cimas development located at 2101 Montopolis Drive in Council District 3.

The solar PV (photovoltaic) systems will be installed on 20 free-standing residential condominium units in the mixed use development. The ownership of the PV systems will transfer to the buyers of the individual condominium units. The solar incentive level is \$0.80 per watt-DC. The 20 installations will have a total capacity of 106 kW-AC (5.3 kW-ac each). The total installation cost is \$381,600 and the incentive is expected to cover up to 27% of the total cost.

The Las Cimas project will earn a 5-Star Austin Energy Green Building certificate—the highest award possible. In addition to the solar PV systems, many sustainable design features will reduce the need for energy and resource use including:

- Advanced wood framing methods to reduce use of wood resources and maximize cavity spaces available for insulation;
- High performance thermal envelope – continuous insulation sheathing at exterior walls, insulated window and door headers, high efficiency glazing, and open cell foam at roof deck and exterior walls;
- Central A/C systems with inverter technology and rotary compressors for high efficiency and variable speed comfort;
- Complete LED lighting packages for all recessed cans and lighting;
- EnergyStar-rated ceiling fans, exhaust fans, and appliances;
- 650 gallon rain water collection at every unit;
- Waterwise listed, high-efficiency plumbing fixtures for all locations; and

- Xeriscaped yards and community gardens requiring no additional irrigation.

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 updated Resource, Generation and Climate Protection Plan approved 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.

These energy improvements will generate an estimated 175,834 kWh per year—enough to power 16 average Austin homes for a year. Each year, this project is estimated to prevent the production of the following air pollutants: 116 tons of Carbon Dioxide (CO<sub>2</sub>); 147 pounds of Sulfur Dioxide (SO<sub>2</sub>); 162 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 113 pounds of Carbon Monoxide (CO). These emissions reductions are equivalent to planting 2,712 trees or 136 acres of forest in Austin's parks or the removal of 237,056 vehicle miles or 20 cars from Austin roadways.

The Austin City Council launched Austin Energy's original solar photovoltaic (PV) rebate incentive program in 2004 (Resolution 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.



## Austin Energy Project Fact Sheet Solar Applications

<b>File Number</b>	TBD
<b>Customer Name</b>	78741 Holdings, LP
<b>Facility Address</b>	2101 Montopolis Drive, 78741
<b>Estimated Total Incentives</b>	\$101,760
<b>Application Received Date</b>	9/9/2016
<b>Number of Modules</b>	480
<b>Wattage per Module (STC)</b>	265
<b>Solar Contractor</b>	Lighthouse Solar
<b>Installation Cost</b>	\$381,600
<b>Estimated kWh Savings</b>	175,834 kWh per year
<b>Estimated kW Demand Savings</b>	160 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	Las Cimas is a new mixed-use development at 2101 Montopolis Drive. It includes 20 free standing condominium units and is designed to earn a 5-Star AE Green Building certificate. In addition to the PV systems, many sustainable design features will reduce the need for energy and resource use by tenants and management.

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

**AGENDA DATE: 11/03/2016**

**SUBJECT:** Approve issuance of a rebate to Henderson Global Investors, for performing energy efficiency improvements at the Argosy at Crestview apartment community located at 1003 Justin Lane, in an amount not to exceed \$95,279 (District 7).

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2016-2017 Operating Budget of Austin Energy.

**FISCAL NOTE:** A fiscal note is not required.

**FOR MORE INFORMATION CONTACT:** Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Electric Utility Commission on October 17, 2016 and the Resource Management Commission on October 18, 2016.

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Austin Energy requests authorization to issue a rebate to Henderson Global Investors, in an amount not to exceed \$95,279, for energy efficient measures to be completed at the Argosy at Crestview apartment home community located at 1003 Justin Lane, in Council District 7.

Seven percent of the residents of the Argosy at Crestview participate in Austin Energy's Customer Assistance Program (CAP). The property is listed in the 13<sup>th</sup> Edition of the Guide to Affordable Housing in the Greater Austin Area published by The Austin Tenant's Council. The Argosy at Crestview was built in 1984 and comprises 15 buildings and 288 apartment units, with a total of 197,280 square feet of conditioned space. The rent for one bedroom units ranges from \$936 to \$1,075, and \$1,238 to \$1,474 for the two bedroom units, depending on amenities. The energy efficiency measures proposed at this property are air conditioning duct sealing and the installation of water saving devices. The estimated total cost of the project is \$95,279; the rebate will cover 100% of the total cost.

These improvements will be made in accordance with Austin Energy's Multifamily Weatherization Assistance Rebate Program. While similar to the standard Multifamily Rebate Program, this program offers larger rebates customized for each measure, based on historical savings and cost data.

This program is one element 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 468,294 kWh per year represents a major benefit to the local environment. This project is estimated to prevent the production of the following air pollutants: 281.2 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.196 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.177 metric tons of Sulfur Dioxide (SO<sub>2</sub>). The project savings is equivalent to an estimated 631,346 vehicle miles traveled, the removal of 54 cars from our roadways, or the planting of 7,224 trees or 361 acres of forest in Austin's parks.



# PROJECT FACT SHEET – Argosy at Crestview

Community Name	Argosy at Crestview		
Customer Name	Henderson Global Investors		
Property Address	1003 Justin Ln		
Average Rent:	1BR \$936 - \$1,075; 2BR \$1,238 - \$1,474		
Number of Units	288	Contractor	1 <sup>st</sup> Choice Energy, LLC
Housing Type:	Listed as Travis County Housing Finance Corporation Bond Program property <sup>1</sup>	Total Measure Costs	\$95,279
		Total Rebate – Not to Exceed	\$95,279
		% of Total Measure Costs	100%
ECAD Status	In compliance	Rebate per Unit	\$331

PROJECT ANNUAL SAVINGS AT 100% OCCUPANCY	
kW Saved – Estimated	158.8
\$/kW – Estimated	\$600
kWh Saved – Estimated	468,294

PROJECT SCOPE OF WORK
Water Saving Devices Duct Seal and Remediation

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$15

Measures Performed in last 10 Years at this property	Completion Date	Rebate Amount
Solar Screens	September 2016	\$36,591

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

Multifamily Weatherization Assistance Rebate Program projects to date:				
Name	# of Units	Rebate Amount	kW Saved	\$ per kW
N/A	0	\$0.00	0	\$0.00

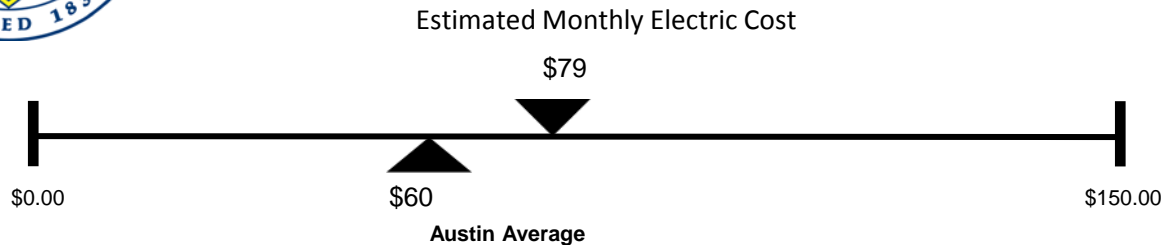
<sup>1</sup> Per “Guide to Affordable Housing” published by The Austin Tenants’ Council. Includes income requirements and restrictions.



## Austin City Code Chapter 6-7, Energy Conservation

# ENERGY GUIDE FOR PROSPECTIVE TENANTS

# 2016



### THIS PROPERTY

The graph above represents the range of electric costs for Austin properties of a similar type to this one.

This property is:

- **Heating/Cooling:** All Electric
- **Year Built:** Before 1985
- **Average apt size (sqft):** 683

Cost Information:

- Is based on this facility's average size apartment,
- Based on a cost of \$0.10 per kWh, and
- Is updated annually.

### ESTIMATED MONTHLY ELECTRIC USE 793 kWh

For details, visit the web site

[Austinenenergy.com/go/ECAD](http://Austinenenergy.com/go/ECAD),

Call 482-5278 or see QR Code:



### YOUR BILL

Your actual bill will depend on many factors:

- Weather (bills are higher in extreme heat or cold – especially if electric heat is used),
- Thermostat settings,
- Number of occupants,
- Lifestyle habits,
- Size and location of unit (upper floors and south and west facing units are generally warmer),
- Energy efficiency measures in place, and
- Age and type of heating/cooling equipment.

### ENERGY AUDIT RESULTS FOR THIS PROPERTY:

1003 Justin Lane Austin TX 78757

STREET ADDRESS

#### ENERGY EFFICIENCY MEASURES EVALUATED

#### AUSTIN ENERGY RECOMMENDS (AVERAGED)

#### AUDIT RESULTS (AVERAGED)

Air Duct System	Less Than 15%	47 %
Attic or Roof	Between R22-R30	R - 12
Solar Screens or Window Film	On all East, South, and West Windows	Needed

"Average" values are calculated from results obtained from multiple buildings and systems.


CONSTRUCTION YEAR: 1984 ENERGY UTILITIES: Electric ENERGY AUDIT CONDUCTED BY: 1st Choice Energy  
NUMBER OF UNITS: 289 DATE OF ENERGY AUDIT: 11/15/10 DATE OF DISCLOSURE NOTICE: 9/8/2016

I acknowledge that I have been given the opportunity to review the results of this multi-family property's Energy audit conducted in accordance with Austin City Code, Chapter 6-7.

Signature/Date

Owner's Representative

Signature/Date

<div style="text-align: center;"> A U S T I N C I T Y C O U N C I L  <b>A G E N D A</b> </div> <div>  </div>				
Recommendation for Council Action				
Austin City Council		Item ID		Agenda Number
Meeting Date:	11/03/2016		Department:	Austin Energy
Subject				
<p>Authorize negotiation and execution of a 12-month agreement with THE UNIVERSITY OF TEXAS on behalf of the Clean Energy Incubator, a program of the Austin Technology Incubator, for mutual assistance in the clean energy field, in the amount of \$195,000, with one 12-month extension option in the amount of \$195,000, for a total amount not to exceed \$390,000.</p>				
Amount and Source of Funding				
Funding is available in the Fiscal Year 2016-2017 Operating Budget of Austin Energy.				
Fiscal Note				
A fiscal note is not required.				
Purchasing Language:				
Prior Council Action:				
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6087; Karl Popham, Manager, Electric Vehicles & Emerging Technologies (512) 322-6005.			
Boards and Commission Action:	To be reviewed by the Electric Utility Commission on October 17, 2016 and the Resource Management Commission on October 18, 2016.			
MBE / WBE:				
Related Items:				
Additional Backup Information				

The Austin Technology Incubator (ATI) at The University of Texas at Austin is well situated to help Austin Energy achieve its clean energy strategic goals and to assist Austin Energy in formulating a strategy to move Austin forward towards becoming the nation's clean energy capital. Austin Energy intends to assist ATI in its mutually-beneficial clean energy goals by providing financial support to quantify and track clean tech economic impact, support energy leadership via a fellowship program, increase value to ATI's member companies, support the launch of an ATI Clean Energy Transportation Incubator, and to help expand the role of Austin as the global headquarters of choice for clean energy thought leadership and investment.

This will be the seventh agreement between ATI and Austin Energy, with the original agreement dating back to Fiscal Year 2008. Austin Energy and the City of Austin receive direct assistance from ATI in the development of local companies in the clean energy space and the identification of candidates for beta testing and pilot projects within the emerging technology space. In addition, ATI is a leading voice in the community discussion around clean technologies, as evidenced by their being a partner with Austin Energy in Texas' premier clean energy venture funding event—currently a featured element at the South By Southwest Eco conference. This Startup Showcase is an event that brings together promising early stage companies in the clean energy space with potential funders.

Specific ATI success metrics during the program to date are summarized below.

**About ATI:** The Austin Technology Incubator, the startup incubator of The University of Texas at Austin, is the longest-established venture incubator in the nation. ATI works with both university-derived and non-university-derived startups, preparing them to compete in the capital markets. ATI is among the most successful incubators in the nation. In October 2015, it was selected by the Kauffman Foundation as one of eight “best in class” startup support programs (out of more than 300). Over the past seven years that the current team and model have been in place, roughly 90% of ATI companies have received investment, totaling almost \$900 million dollars. (Over the same time period, ATI companies have accumulated total book value of \$1.5-2 billion.) ATI alumni have contributed almost \$1 billion and over 6,500 jobs to Central Texas; each public dollar invested in ATI has yielded \$66 of economic activity.

**ATI Clean Energy Incubator:** ATI's Energy & Cleantech program is also a national leader, recognized by the U.S. Department of Energy as one of the three “best practices” energy/cleantech incubators. ATI is a node in the DOE's National Incubator Initiative for Clean Energy, presently known as Incubatenergy. ATI also coordinates the Southwest Regional Clean Energy Incubation Initiative, a network of clean energy and water incubators across the state of Texas, all of which are university-based. Over the past two years, companies in the network have raised \$12.4 million in outside investor capital and \$7.1 million in revenue. Since 2007, ATI's Energy & Cleantech companies have raised more than \$300 million in investor capital (including one IPO and a number of acquisitions). These companies have generated more than \$150 million in economic impact.

**ATI/Austin Energy Partnership:** The ATI/Austin Energy partnership is a nationally distinctive model that delivers significant value to startup companies in Austin. In particular, the Austin Energy Beta-Test program is a best practice developed by Austin Energy in collaboration with ATI-CEI. Through this program, Austin Energy provides expertise, test access, and translational funding to vetted clean energy technology solutions that could impact Austin Energy. To date, 16 grants have been awarded to ATI companies in the Clean Energy Incubator (CEI) and awardees have raised more than \$43 million in follow-on funding. Beta-grant awardees have raised an additional \$109 million in outside funding for each beta-grant dollar contributed and created over 105 direct jobs to-date.

**Starting in 2016, Austin Energy's partnership will also allow ATI to will expand its capacity to include a dedicated Transportation/Mobility industry vertical.** The ATI-Transportation/Mobility will:

- Promote innovative solutions to transportation/mobility in the entrepreneurship community and generate new startups in this industry;
- Identify and vet transportation/mobility technology companies sourced through ATI's local, regional, national, and international networks of partners,
- Leverage the expertise of ATI's 350+ member mentor network on behalf of selected companies;
- Design and deploy pilot programs with strategic partners; and
- Prepare incubated companies for success in the capital markets (“get them funded”).