

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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Approve issuance of a rebate to 8800 I 35 LLC, for performing energy efficiency improvements at Avesta Solano Apartments located at 8800 N. IH-35, Austin, Texas 78753, in an amount not to exceed \$79,382.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2014-2015 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) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Electric Utility Commission on May 18, 2015 and the Resource Management Commission on May 19, 2015.

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Austin Energy requests authorization to issue a rebate to 8800 I 35 LLC, in an amount not to exceed \$79,382, for performing an energy efficiency improvement at Avesta Solano Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to save 900 MW by 2025 approved in 2014 by City Council and designed 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.

Avesta Solano Apartments are located at 8800 N. IH-35, Austin, Texas 78753. The property comprises 25 buildings containing 504 apartment units, with 317,528 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$650 to \$705 and the two bedroom unit ranges from \$900 to \$950 depending on amenities. The energy efficiency upgrade consists of Duct Sealing. The estimated total cost of the project is \$88,202 and the rebate will cover approximately 90% of the total cost.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 205 kW, at a program cost of \$387 per kW saved. The avoided kilowatt hours (kWh), estimated at 595,335 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 357.5 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.249 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.225 metric tons of Sulfur Dioxide (SO<sub>2</sub>). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 802,620 vehicle miles traveled, the removal of 68.5 cars from our roadways, or the planting of 9,184 trees or 459 acres of forest in Austin's parks. The project will also generate approximately 267,901 gallons of water savings at the power plant.

# RCA FACT SHEET – AVESTA SOLANO APARTMENTS

Property Name	Avesta Solano Apartments		
Customer Name	8800 I 35 LLC		
Property Address	8800 N. IH 35, Austin, TX 78753		
Average Rent:	1 BR \$650 to \$705      2BR \$900 to \$950		
Year Built	1983	Property Tax ID	239687
Number of Residences	504	Contractor	Leelynn Energy Solutions
Housing Type:	Market Rate	Cost of Work	\$88,202
Customer Contact	Melissa Drewitt	Total Rebate - Estimated	\$79,382
Customer Phone	512 777-4458	% Rebate Paid - Estimated	90%
ECAD Status	In Compliance	Rebate per Residential Dwelling	\$158

PROJECT SAVINGS AT 100% OCCUPANCY		SCOPE OF WORK
kW Saved – Estimated	205	Duct Sealing
\$/kW – Estimated	\$387	
kWh Saved – Estimated	595,335	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$ 9
CBC cost savings due to kWh reduction	\$ 5
Total Savings	\$ 14

Monthly customer savings include summer and winter kWh savings and savings from the reduced dollar amount paid into CBC

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
Solar Screens	2014	\$8,860

Multifamily Program Averages Per Offering based on Previous 5 Years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Residences	Avg annual dollar savings per customer
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

\*MERP (bundled rebates) since FY 2014

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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Approve issuance of a rebate to BTL Thrive LTD, for performing energy efficiency improvements at The Bluffs at Town Lake Apartments located at 2005 Willow Creek Dr., Austin, Texas 78741, in an amount not to exceed \$210,000.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2014-2015 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) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Electric Utility Commission on May 18, 2015 and the Resource Management Commission on May 19, 2015.

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Austin Energy requests authorization to issue a rebate to BTL Thrive LTD, in an amount not to exceed \$210,000, for performing multiple energy efficiency improvements at The Bluffs at Town Lake Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to save 900 MW by 2025 approved in 2014 by City Council and designed 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 Bluffs at Town Lake Apartments are located at 2005 Willow Creek Dr., Austin, Texas 78741. The property comprises 27 buildings containing 300 apartment units, with 262,108 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$764 to \$854 and the two bedroom unit ranges from \$906 to \$924 depending on amenities. The energy and water efficiency upgrades include: solar screens, installation of insulation, duct sealing, pipe wrap, air infiltration, and low flow water devices. The estimated total cost of the project is \$269,250 and the rebate will cover approximately 78% of the total cost.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 222 kW, at a program cost of \$947 per kW saved. The avoided kilowatt hours (kWh), estimated at 788,529 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 473.5 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.330 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.298 metric tons of Sulfur Dioxide (SO<sub>2</sub>). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 1,063,081 vehicle miles traveled, the removal of 90.7 cars from our roadways, or the planting of trees or acres of forest in Austin's parks. The project will also generate approximately 354,838 gallons of water savings at the power plant.

# RCA FACT SHEET – THE BLUFFS AT TOWN LAKE

Property Name	The Bluffs at Town Lake Apartments		
Customer Name	BTL Thrive LTD		
Property Address	2005 Willow Creek Dr., Austin, TX 78741		
Average Rent:	1 BR \$764 to \$854      2BR \$906 to \$924		
Year Built	1974	Property Tax ID	289154
Number of Residences	300	Contractor	1 <sup>st</sup> Choice Energy
Housing Type:	Market Rate	Cost of Work	\$269,250
Customer Contact	Katy Burno	Total Rebate - Estimated	\$210,000
Customer Phone	512 447-6696	% Rebate Paid - Estimated	78%
ECAD Status	In Compliance	Rebate per Residential Dwelling	\$700

PROJECT SAVINGS AT 100% OCCUPANCY		SCOPE OF WORK
kW Saved – Estimated	222	BUNDLED MEASURES : Duct sealing, water saving devices , solar window screens, attic insulation, pipe wrap, and air infiltration.
\$/kW – Estimated	\$947	
kWh Saved – Estimated	788,529	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$20
CBC cost savings due to kWh reduction	\$11
Total Savings	\$31

Monthly customer savings include summer and winter kWh savings and savings from the reduced dollar amount paid into CBC

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
N/A	N/A	N/A

Multifamily Program Averages Per Offering based on Previous 5 Years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Residences	Avg annual dollar Savings per customer
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

\*MERP (bundled rebates) since FY 2014

This Project was originally submitted during the pilot phase of the *Multifamily Energy Reduction Partners* program. Since then, Austin Energy staff have implemented changes to the program and are now evaluating further altering the multifamily rebate program. However we would like to honor the program rules and rebate levels we designed during the pilot phase, rules under which the participating contractor sold this project.

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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Approve issuance of a rebate to Cousins Properties Incorporated for the installation of energy efficiency measures at its newly constructed Colorado Tower located at 303 Colorado Street Austin, Texas 78701, in an amount not to exceed \$146,801.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2014-2015 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) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Resource Management Commission on May 19, 2015 and the Electric Utility Commission on May 18, 2015.

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Austin Energy requests authorization to issue a rebate to Cousins Properties Incorporated in the amount of \$146,801 for the following energy efficiency measures at its new Class A office building: closed-circuit fluid coolers, variable frequency drives, direct expansion air-conditioning, interior lighting and lighting controls.

These improvements are in accordance with the City of Austin's Commercial Rebate Program guidelines. These programs are 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.

Colorado Tower includes 371,348 Square Feet (SF) of office space, 6,000 SF of street level retail and a parking garage with 880 parking spaces. The total cost of this project is \$65,000,000, and the rebate will cover 0.225% of the cost. The demand (kilowatt or kW) savings associated with this energy efficiency project are estimated at 323 kW, at a program cost of \$455 per kilowatt saved. The avoided kilowatt hours (kWh) estimated at 1,526,692 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 916.7 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.578 metric tons of Sulfur Dioxide (SO<sub>2</sub>) and 0.639 metric tons of Nitrogen Oxides (NO<sub>x</sub>). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 2,058,259 vehicle miles traveled, the removal of 176 cars from our roadways, the planting of 23,551 trees or 1,178 acres of forest in Austin's parks. The project will also generate approximately 687,011 gallons of water conservation at the generation power plant.

## RCA FACT SHEET – Colorado Tower

<b>Property Name</b>	Colorado Tower		
<b>Customer Name</b>	Cousins Properties Incorporated		
<b>Property Address</b>	303 Colorado Street		
<b>Customer Contact</b>	Heather Haney	<b>Total Project Cost</b>	\$65,000,000
<b>ECAD Status</b>		<b>Total Rebate – Not to Exceed</b>	\$146,801
New Construction - Exempt		<b>% of Total Project</b>	0.225

PROJECT SAVINGS	
kW Saved – Estimated	323
\$/kW – Estimated	\$455
kWh Saved – Estimated	1,526,692

SCOPE OF WORK
Colorado Tower has installed the following energy efficiency measures at their Class A office building through Austin Energy's Commercial Energy Efficiency Program:
High efficiency closed-circuit fluid coolers, variable frequency drives, direct expansion air-conditioning (water –cooled self-contained and water source heat pumps), interior lighting, and lighting controls.

Commercial New Construction Rebates (Estimated)			
Measure	Dollars/kW	kW Saved	kWh Saved
Closed-circuit Fluid Coolers	\$300.00	124.34	470,510
Variable Frequency Drives	\$454.04	12.20	38,021
Direct Expansion Air Conditioning	\$767.17	125.09	826,970
Interior Lighting	\$130.48	51.76	161,485
Lighting Controls	\$130.58	9.49	29,706

Commercial Energy Efficiency Program for FY2015						
Program	kW Savings Goal	YTD kW Savings	% of Goal	Budget	YTD Dollars Spent	YTD Participation
Commercial Rebates	12,150	2,878	24.0	\$3,500,000	\$770,115.34	194
Small Business Rebates	2,870	1,997	70.0	\$1,976,053	\$2,022,033.00	294

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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Authorize execution of an agreement with Foundation Communities to provide incentives for the installation of solar electric systems at its 140 residential units at the Homestead Oaks location at 3226 W. Slaughter Lane, for a total amount not to exceed \$193,248.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$193,248 is included in the Fiscal Year 2014-2015 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:** May 18, 2015 - To be reviewed by the Electric Utility Commission. May 19, 2015 – To be reviewed by the Resource Management Commission.

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Austin Energy requests authorization to enter into an agreement with Foundation Communities to provide incentives for a total amount not to exceed \$193,248, at a level of \$1.10 per watt-DC with an inverter efficiency factor of 96%, for the installation of solar electric systems at its 140 residential units located at the Homestead Oaks location at 3226 W. Slaughter Lane.

The solar installations will have a total capacity of 151.9kW-AC. The total installation cost is \$545,000 and the incentive is expected to cover up to 35.5% 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 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 256,200 kWh per year—enough to power 23 average Austin homes for a year. This project will save 170 tons of Carbon Dioxide (CO<sub>2</sub>); 214 pounds of Sulfur Dioxide (SO<sub>2</sub>); 236 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 164 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere each year, and 115,290 gallons of water from being used at a power plant. These emissions reductions are equivalent to planting 3,952 trees or 198 acres of forest in Austin's parks or the removal of 345,404 vehicle miles or 30 cars from Austin roadways.



## Austin Energy Project Fact Sheet Solar Applications

<b>File Number</b>	TBD
<b>Customer Name</b>	Foundation Communities, Homestead Oaks
<b>Facility Address</b>	3226 W. Slaughter Lane, 78748
<b>Customer Contact</b>	Sunshine Mathon
<b>Phone Number</b>	
<b>Estimated Total Incentives</b>	\$193,248
<b>Application Received Date</b>	4/14/2015
<b>Number of Modules</b>	732
<b>Wattage per Module (STC)</b>	250
<b>Inverter Efficiency</b>	96%
<b>Solar Contractor</b>	Lighthouse Solar
<b>Contractor Contact</b>	Stan Pipkin
<b>Contractor Phone</b>	512-476-5555
<b>Installation Cost</b>	\$545,000
<b>Estimated kWh Savings</b>	256,200 kWh per year
<b>Estimated kW Demand Savings</b>	151.9 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	It is a 140 unit low income, affordable housing development by the non-profit developer Foundation Communities. It is designed to maximize energy efficiency, water conservation, access to social services, green spaces and personal development opportunities. There is a learning center on site.



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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Approve issuance of a rebate to Firmus Equity Partners, LLC, for performing energy efficiency improvements at Mueller Flats Apartments located at 1071 Clayton Lane, Austin, Texas 78723, in an amount not to exceed \$97,786.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2014-2015 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) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Electric Utility Commission on May 18, 2015 and the Resource Management Commission on May 19, 2015.

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Austin Energy requests authorization to issue a rebate to Firmus Equity Partners LLC, in an amount not to exceed \$97,786, for performing an energy efficiency improvement at Mueller Flats Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to save 900 MW by 2025 approved in 2014 by City Council and designed 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.

Mueller Flats Apartments are located at 1071 Clayton Lane, Austin, Texas 78723. The property comprises 16 buildings containing 396 apartment units, with 280,779 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$770 to \$864 and the two bedroom unit ranges from \$1,050 to \$1,074 depending on amenities. The energy efficiency upgrade consists of Duct Sealing. The estimated total cost of the project is \$108,650 and the rebate will cover approximately 90% of the total cost.

The demand kW savings associated with these energy efficiency improvements is estimated at 135 kW, at a program cost of \$722 per kW saved. The avoided kilowatt hours, estimated at 392,921 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 235.9 metric tons of CO<sub>2</sub>, 0.164 metric tons of NO<sub>X</sub>, and 0.149 metric tons of SO<sub>2</sub>. In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 529,729 vehicle miles traveled, the removal of 45.2 cars from our roadways, or the planting of 6,061 trees or 303 acres of forest in Austin's parks. The project will also generate approximately 176,814 gallons of water savings at the power plant.

# RCA FACT SHEET – MUELLER FLATS APARTMENTS

Property Name	Mueller Flats Apartments		
Customer Name	Firmus Equity Partners, LLC		
Property Address	1071 Clayton Lane, Austin, TX 78723		
Average Rent:	1 BR \$770 to \$864      2BR \$1,050 to \$1,074		
Year Built	1985	Property Tax ID	223368
Number of Residences	396	Contractor	Leelynn Energy Solutions
Housing Type:	Market Rate	Cost of Work	\$108,650
Customer Contact	Teri Martinez	Total Rebate - Estimated	\$97,786
Customer Phone	512 453-4968	% Rebate Paid - Estimated	90%
ECAD Status	In Compliance	Rebate per Residential Dwelling	\$247

PROJECT SAVINGS AT 100% OCCUPANCY		SCOPE OF WORK
kW Saved – Estimated	135	Duct Sealing
\$/kW – Estimated	\$722	
kWh Saved – Estimated	392,921	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$ 8
CBC cost savings due to kWh reduction	\$ 4
Total Savings	\$ 12

Monthly customer savings include summer and winter kWh savings and savings from the reduced dollar amount paid into CBC

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
Solar Screens	2012	\$24,844

Multifamily Program Averages Per Offering based on Previous 5 Years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Residences	Avg annual dollar Savings per customer
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

\*MERP (bundled rebates) since FY 2014

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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Approve issuance of a rebate to 6808 S. IH 35, LLC, for performing energy efficiency improvements at Southpoint Village Apartments located at 6808 S. IH 35, Austin, Texas 78745, in an amount not to exceed \$79,200.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2014-2015 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) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Electric Utility Commission on May 18, 2015 and the Resource Management Commission on May 19, 2015.

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Austin Energy requests authorization to issue a rebate to 6808 S. IH 35, LLC, in an amount not to exceed \$79,200, for performing multiple energy efficiency improvements at Southpoint Village Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to save 900 MW by 2025 approved in 2014 by City Council and designed 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.

Southpoint Village Apartments are located at 6808 S. IH 35, Austin, Texas 78745. The property comprises 11 buildings containing 176 apartment units, with 107,344 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$700 to \$740 and the two bedroom unit ranges from \$760 to \$860 depending on amenities. The energy and water efficiency upgrades include: installation of insulation, duct sealing, and low flow water devices. The estimated total cost of the project is \$88,070 and the rebate will cover approximately 90% of the total cost.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 97 kW, at a program cost of \$814 per kW saved. The avoided kilowatt hours (kWh), estimated at 403,577 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 242.3 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.169 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.153 metric tons of Sulfur Dioxide (SO<sub>2</sub>). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 544,096 vehicle miles traveled, the removal of 46.4 cars from our roadways, or the planting of 6,226 trees or 311 acres of forest in Austin's parks. The project will also generate approximately 181,610 gallons of water savings at the power plant.

# RCA FACT SHEET – SOUTHPOINT VILLAGE APARTMENTS

Property Name	Southpoint Village Apartments		
Customer Name	6808 S. IH 35, LLC		
Property Address	6808 S. IH 35, Austin, TX 78745		
Average Rent:	1 BR \$700 to \$740      2BR \$760 to \$860		
Year Built	1984	Property Tax ID	512613
Number of Residences	176	Contractor	360 Energy Savers
Housing Type:	Market Rate	Cost of Work	\$88,070
Customer Contact	Caryn Castillo	Total Rebate - Estimated	\$79,200
Customer Phone	512 785-9399	% Rebate Paid - Estimated	90%
ECAD Status	In Compliance	Rebate per Residential Dwelling	\$450

PROJECT SAVINGS AT 100% OCCUPANCY		SCOPE OF WORK
kW Saved – Estimated	97	Duct Sealing, Attic Insulation, and Water Saving Devices
\$/kW – Estimated	\$814	
kWh Saved – Estimated	403,577	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$17
CBC cost savings due to kWh reduction	\$10
Total Savings	\$27

Monthly customer savings include summer and winter kWh savings and savings from the reduced dollar amount paid into CBC

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
CFL Light Bulbs	2010	\$7,424

Multifamily Program Data Per Offering based on previous five years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Residences	Avg annual dollar Savings per customer
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

\*MERP (bundled rebates) since FY 2014

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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Approve issuance of a rebate to Presidium AMC Hidden Villas Venture, LLC, for performing energy efficiency improvements at The Vue Apartments located at 7607 Blessing Ave., Austin, Texas 78752, in an amount not to exceed \$85,800.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2014-2015 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) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Electric Utility Commission on May 18, 2015 and the Resource Management Commission on May 19, 2015.

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Austin Energy requests authorization to issue a rebate to Presidium AMC Hidden Villas Venture, LLC, in an amount not to exceed \$85,800, for performing multiple energy efficiency improvements at The Vue Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to save 900 MW by 2025 approved in 2014 by City Council and designed 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 Vue Apartments is located at 7607 Blessing Ave., Austin, Texas 78752. The property comprises 13 buildings containing 156 apartment units, with 143,064 square feet of conditioned space. The average rent for a one bedroom unit is \$699 and the two bedroom unit ranges from \$829 to \$889 depending on amenities. The energy and water efficiency upgrades include: solar screens, installation of insulation, duct sealing, and low flow water devices. The estimated total cost of the project is \$119,012 and the rebate will cover approximately 72% of the total cost.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 119 kW, at a program cost of \$720 per kW saved. The avoided kilowatt hours (kWh), estimated at 357,780 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 214.8 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.150 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.135 metric tons of Sulfur Dioxide (SO<sub>2</sub>). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 482,353 vehicle miles traveled, the removal of 41.2 cars from our roadways, or the planting of 5,519 trees or 276 acres of forest in Austin's parks. The project will also generate approximately 161,001 gallons of water savings at the power plant.

# RCA FACT SHEET – THE VUE APARTMENTS

Property Name	The Vue Apartments		
Customer Name	Presidium AMC Hidden Villas Venture, LLC		
Property Address	7607 Blessing Ave., Austin, TX 78752		
Average Rent:	1 BR \$699      2BR \$829 to \$889		
Year Built	1999	Property Tax ID	422507
Number of Residences	156	Contractor	360 Energy Savers
Housing Type:	Market Rate	Cost of Work	\$119,012
Customer Contact	Chris Czichos	Total Rebate - Estimated	\$85,800
Customer Phone	512 454-4242	% Rebate Paid - Estimated	72%
ECAD Status	Not in Compliance	Rebate per Residential Dwelling	\$550

PROJECT SAVINGS AT 100% OCCUPANCY		SCOPE OF WORK
kW Saved – Estimated	119	BUNDLED MEASURES : Duct sealing, water saving devices , solar window screens, attic insulation.
\$/kW – Estimated	\$720	
kWh Saved – Estimated	357,780	

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$17
CBC cost savings due to kWh reduction	\$10
Total Savings	\$27

Monthly customer savings include summer and winter kWh savings and savings from the reduced dollar amount paid into CBC

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
N/A	N/A	N/A

Multifamily Program Data Per Offering Based On Previous 5 Years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh per project	Avg # of Residences	Avg Annual Savings per Residence
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

\*MERP (bundled rebates) since FY 2014

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

**AGENDA DATE: 6/4/2015**

**SUBJECT:** Approve issuance of a rebate to Texas Student Housing Authority, for performing energy efficiency improvements at Town Lake Student Apartments located at 1109 S. Pleasant Valley Rd, Austin, Texas 78741, in an amount not to exceed \$73,878.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2014-2015 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) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

**BOARD AND COMMISSION ACTION:** To be reviewed by the Electric Utility Commission on May 18, 2015 and the Resource Management Commission on May 19, 2015.

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Austin Energy requests authorization to issue a rebate to Texas Student Housing Authority, in an amount not to exceed \$73,878, for performing an energy efficiency improvement at Town Lake Student Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation and Climate Protection Plan to save 900 MW by 2025 approved in 2014 by City Council and designed 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.

Town Lake Student Apartments are located at 1109 S. Pleasant Valley Rd., Austin, Texas 78741. The property comprises 9 buildings containing 216 apartment units, with 208,080 square feet of conditioned space. The average rent for a one bedroom unit is \$790 and the two bedroom unit is \$1,160. The energy efficiency upgrade consists of Duct Sealing. The estimated total cost of the project is \$82,152 and the rebate will cover approximately 90% of the total cost.

The demand (kilowatt or kW) savings associated with this energy efficiency improvement is estimated at 99 kW, at a program cost of \$747 per kW saved. The avoided kilowatt hours (kWh), estimated at 287,037 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 172.4 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.120 metric tons of Nitrogen Oxides (NO<sub>x</sub>), and 0.109 metric tons of Sulfur Dioxide (SO<sub>2</sub>). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 386,978 vehicle miles traveled, the removal of 33 cars from our roadways, or the planting of 4,428 trees or 221 acres of forest in Austin's parks. The project will also generate approximately 129,167 gallons of water savings at the power plant.

# RCA FACT SHEET – TOWN LAKE STUDENT APARTMENTS

Property Name	Town Lake Student Apartments		
Customer Name	Texas Student Housing Authority		
Property Address	1109 S. Pleasant Valley Rd., Austin, TX 78741		
Average Rent:	1 BR \$790	2BR \$1,160	
Year Built	2003	Property Tax ID	285047
Number of Residences	216	Contractor	360 Energy Savers
Housing Type:	Market Rate	Cost of Work	\$82,152
Customer Contact	Ashley Whisenant	Total Rebate - Estimated	\$73,878
Customer Phone	512 326-1040	% Rebate Paid - Estimated	90%
ECAD Status	In Compliance	Rebate per Residential Dwelling	\$342

PROJECT SAVINGS AT 100% OCCUPANCY		SCOPE OF WORK	
kW Saved – Estimated	99	Duct Sealing	
\$/kW – Estimated	\$747		
kWh Saved – Estimated	287,037		

MONTHLY SAVINGS PER CUSTOMER - ESTIMATED	
Dollar Savings per Residential Customer from efficiency improvements	\$10
Dollar Savings per Customer from avoided CBC cost	\$6
Total Savings	\$14

Monthly customer savings include summer and winter kWh savings and savings from the reduced dollar amount paid into CBC

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
CFL Light Bulbs	2010	\$39,647

Multifamily Program Data Per Offering Based on Previous 5 Years					
Measure	Avg \$/kW	% of project cost paid	Avg kWh per project	Avg # of Residences	Avg Annual dollar Savings per Customer
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

\*MERP (bundled rebates) since FY 2014