Smart $aver® Residential and Non-Residential Incentive Programs

East Carolina University Sustainable Tourism Webinar

February 2011
Why Invest in Energy Efficiency?

- Lowers energy costs for years to come
- Money saved to invest back into the business/home
- Minimize future rate increases
  - Helps utility defer the cost of building additional generating facilities
- Fosters a cleaner environment by saving valuable energy resources
- Provides a more comfortable, positive work/learning environment
- Lowers market prices by increasing sales volume of higher efficiency equipment
Energy Efficiency Programs for Non-Residential Customers

Energy Assessments

- Online
- Off-Site
- On-Site

Smart $aver Prescriptive Incentives

- Lighting
- HVAC
- Chillers & TES
- Motors
- Pumps
- Variable Frequency Drives
- Process Equipment
- Foodservice Equipment

Smart $aver Custom Incentives

- Applies to cost-effective projects not addressed by Prescriptive
- Incentive based on projected electricity savings
- If efficiency gains can be validated, incentives can be offered

*Over 260 prescriptive incentive possibilities
Who is Eligible for Non Residential Incentives?

- Smart $aver® Incentives are available to all Duke Energy business customers who are not on a residential rate and who have not opted out of the program.

- Applications are found at www.duke-energy.com under the Business or Large Business tab.

- Prescriptive applications in NC and SC must be submitted within 90 days after installation; exceptions can be made for new construction

- Custom applications in NC and SC must be submitted prior to project initiation
Carolinas Non Residential Prescriptive by Total Incentives Awarded in 2010

- Food Services
- HVAC Chillers and Thermal Storage
- Lighting
- Motors Pumps and Drives
- Process Equipment
Carolinas Non Residential Prescriptive by Total kWh Awarded in 2010

- Food Service
- HVAC Chillers and Thermal Storage
- Lighting
- Motors Pumps and Drives
- Process Equipment
## High Efficiency Lighting Incentive Examples

<table>
<thead>
<tr>
<th>Smart $aver® Incentive</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Retrofit of T12 Lighting Fixtures to T8</td>
<td>Up to <strong>$50</strong> per fixture</td>
</tr>
<tr>
<td>Compact Fluorescent Light Screw-In</td>
<td><strong>$1.50</strong> per lamp</td>
</tr>
<tr>
<td>Compact Fluorescent Light Fixture</td>
<td>Up to <strong>$50</strong> per fixture</td>
</tr>
<tr>
<td>LED Lighting in Refrigerated or Freezer Cases</td>
<td><strong>$50</strong> per door</td>
</tr>
<tr>
<td>LED Exit Sign</td>
<td><strong>$10</strong> per sign</td>
</tr>
<tr>
<td>Occupancy Sensor</td>
<td>Up to <strong>$40</strong> per sensor</td>
</tr>
</tbody>
</table>
# Energy Efficient Heating & Cooling Incentive Examples

<table>
<thead>
<tr>
<th>Incentive</th>
<th>Incentive Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficient Central Air Unit</td>
<td>Up to $40/ton</td>
</tr>
<tr>
<td>ENERGY STAR® qualified Window and Sleeve AC</td>
<td>Up to $50</td>
</tr>
<tr>
<td>Efficient Heat Pump Water Heater</td>
<td>Up to $9,000</td>
</tr>
<tr>
<td>Setback/Programmable Thermostat</td>
<td>$50/unit</td>
</tr>
</tbody>
</table>
Program Description –
Smart $aver rebates are available for Duke Energy customers in North Carolina and South Carolina who purchase a new high efficiency heat pump or air conditioner.

- Customer rebates and heating dealer rebates are available for systems installed in an existing home.
- Builder rebates are available for systems installed in a new home.
- The program is delivered to existing home customers through heating dealers.
- The program is delivered to new home customers through heating dealers and builders.
- Incentive application forms will not be accepted until the new system has been installed and is operable.
- Residential, new and existing single family homes, condominiums, duplexes or mobile homes installing new, qualifying HVAC.
RESIDENTIAL SMART $AVER PROGRAM

How much are the Residential rebates?  Who receives rebates?

- **Customer** rebate is $200 per qualifying unit. Check is mailed to the customer’s service address.

- **Heating dealers** also receive an incentive for qualifying existing home installations of $100 per system.

- **Builders** receive entire new home rebate. No customer rebate unless builder assigns to customer or customer is the builder.

- Heating dealers and builders must first be a Participating Dealer or Builder.

Residential Rebate Information on Duke Energy Smart $aver Web site:

## Smart $aver® Incentives

<table>
<thead>
<tr>
<th>HVAC Systems that Qualify for Smart Saver Rebates</th>
<th>Existing Home Customer Rebates</th>
<th>New Home Builder Rebates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Pumps: must be 14 SEER or greater, include an ECM fan motor on the indoor furnace, and have an HSPF of 8.2 or greater</td>
<td>$200</td>
<td>$300</td>
</tr>
<tr>
<td>Air Conditioners: must be 14 SEER or greater and include an ECM fan motor on the indoor furnace</td>
<td>$200</td>
<td>$300</td>
</tr>
<tr>
<td>Geothermal Heat Pumps: must be 11.5 EER or greater and include an ECM fan motor on the indoor furnace</td>
<td>$200</td>
<td>$300</td>
</tr>
</tbody>
</table>
Residential Measures Installed Since Program Commenced

- Existing Home Central A/C
- Existing Home Heat Pump
- New Home Heat Pump
- New Home Central A/C
RESIDENTIAL SMART $AVER PROGRAM

Duke Energy’s online vendor search for residential and non-residential trade allies.

Enter zip code, distance and choose product from dropdown list (Heating and Air conditioning, Lighting, etc.) and choose Customer type (Residential or Business).

Disclaimer: By providing this list of participating vendors, Duke Energy in no way endorses nor offers promotional support of any of the vendors listed [above/below] and does not assume responsibility for verification of vendor certifications or licensing. Furthermore, participating vendors are not restricted to those listed.