The Energy Smart New Orleans Plan
at the request of the New Orleans City Council and presented by Entergy New Orleans, Inc.

July 9, 2009
Vision

The Energy Smart Plan proposes programs that are intended to transform the market by creating demand for energy efficiency products and services and stimulate the development of the workforce to meet this demand. In turn, this will help create a sustainable, long term energy efficiency market that creates energy savings for New Orleans residents.
Where We Have Been

2007

- Council responded to a grass-roots effort to develop a comprehensive energy policy for the City of New Orleans
- Resolution R-07-600 - Expressed Council’s Commitment to Energy Efficiency

2008

- Resolution R-08-366 describes New Orleans Consensus Energy Efficiency Program Concepts
- Resolution R-08-601 set aside $1.855 million for Residential use in the Energy Smart Plan

2009

- 2009 Agreement in Principle approved 4/02/09
Where We Have Been

2009 Agreement in Principle (AIP) at Council’s Directive:

- Provides $3.1 million per year for the Energy Smart Plan
- Directs ENO to design cost effective DSM programs generally consistent with the concepts described in Council Resolution R-08-366
- To ensure ENO’s commitment as a dedicated partner in Energy Smart Plan, ENO will be held to goals/targets established by the Council based on approved funding levels and programs.
Where We Are Going

- **Period of Public Electronic Q&A**
  - **ENO has 5 days to Respond (through July 31)**
  - **July 9 - July 24**

- **Public Hearing on Filing**
  - **September 10**

- **Anticipated Council Approval of Programs**
  - **September 17**

- **ENO releases RFP for Third Party Program Administrator (TPA)**
  - **Within 60 days of Program Approval**

- **Approval of TPA**
  - **Determined By Council**

- **Program Rollout**
  - **2010**
Analytical Framework
Guiding Principles
Program Selection Process
Flowchart of General Framework

A. Understanding New Orleans DSM Potential
   - GCR Baseline Study
   - Customer Profiles
   - Energy Breakdown
   - Guiding Principles
   - Regulatory Directives
     - Resolutions/ AIP

B. Understanding the Environment
   - State Energy Plan
   - EE Block Grants
   - Weatherization Program
   - Other Programs

C. Identifying the Alternatives
   - Best Practices
   - Consensus Plan
   - Stakeholder input
   - ENO Current Programs
   - Other Entergy Programs
   - ICF Study
   - Other Utilities
   - EPA, ACEEE, etc.
   - Vendors/Others

D. Selecting Among the Alternatives
   - Cost Effectiveness Screening
   - Consistency w/Principles
   - Leverage of Funding
   - Scaling & Balance
A New Orleans Specific Energy Efficiency Program

- Home Foundation Type (slab, raised, basement)
- Type and Age of Heating System Pre & Post Katrina
- Type and Age of Air Conditioning System Pre and Post Katrina
- Type and Age of Water Heating System Pre and Post Katrina
- Frequency and Type of Energy Star Appliances Purchased Pre and Post Katrina
- Presence of Insulation and Other Energy Efficiency Measures Pre and Post Katrina
- Economic Status, Repopulation and Water Depth
### Purchase of Energy Star Appliances Within Last Two Years

<table>
<thead>
<tr>
<th></th>
<th>Pre K</th>
<th>Post K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigerators</td>
<td>33.8%</td>
<td>73.7%</td>
</tr>
<tr>
<td>Washers</td>
<td>22.5%</td>
<td>60.0%</td>
</tr>
<tr>
<td>Dryers</td>
<td>18.1%</td>
<td>56.3%</td>
</tr>
<tr>
<td>Water Heaters</td>
<td>18.3%</td>
<td>45.7%</td>
</tr>
<tr>
<td>AC's</td>
<td>13.8%</td>
<td>43.7%</td>
</tr>
</tbody>
</table>
Guiding Principles

1. Energy Smart Programs should be developed for, available to, and benefit residential, commercial, industrial and governmental customer classes.

2. All programs should be cost-effective as defined by the Total Resource Cost (TRC) and the Program Administrator Cost (PAC) tests as defined in the California Standard Practices Manual: Economic Analysis of Demand Side Programs and Projects, October 2001 except for those programs listed in the 2009 Agreement in Principle that are not subject to the cost effectiveness tests.

3. Inputs to program design and cost effectiveness measurement should reflect reliable New Orleans data to the maximum extent practicable, while giving express recognition to allowable budget, time and technology constraints.
Guiding Principles

4. Each program should be of sufficient scale to provide a meaningful contribution to kW or kWh reductions over the period of years in which the program is applied.

5. Programs should reflect “best practices” as appropriate for New Orleans with consideration of the City’s unique economic, social and demographic environment and, to the extent relevant, should be consistent with successful models implemented in other jurisdictions.

6. With the exception of pilot programs, technologies should be commercially available and the necessary infrastructure should be present.
Guiding Principles

7. Programs should be economically significant within the budgetary realities of the Energy Smart Plan.
   - Assist in Demand Side Management market development and related job creation.
   - The programs should create measurable benefits to ratepayers and to the city.

8. Except as provided for in Principle 9, the costs of program design, implementation, delivery, measurement of the benefits, and the costs of administration associated with the Energy Smart plan, including the costs of the Independent Monitor and the Third Party Administrator, shall not exceed those funds so established to be collected in rates as authorized by the Council.
Guiding Principles

9. Additional DSM and energy conservation funding may be obtained from other sources and will be evaluated on its merits for inclusion in the Energy Smart program.

10. Program implementation should give priority to the use of local vendors wherever possible and shall be consistent with the criteria of Entergy’s Supplier Diversity Program which promotes the utilization of diverse suppliers (i.e., minority, women, veterans, disable veterans, historically underutilized business (“HUB”) Zone).

11. All programs shall contain a measurement and verification component for prospective evaluation, modification and improvement within standard industry practice.
Consideration of Other Funding & Programs

American Recovery and Reinvestment Act (ARRA)

- State Weatherization Assistance Program (WAP) - $51M
  - WAP Funding for New Orleans - assumes funding to weatherize 596 homes.
  - ENO is currently working with LACAP and Associated Catholic Charities and in discussions with other non-profits to leverage funding opportunities.

- State Energy Program funding (Total = $71M)
  - “Lead by Example” State Govt. Building Retrofit. $25.7M (37% of total SEP)
  - Residential/ Commercial Program. $15.2M (22%)
  - ENERGY STAR Appliance Rebate. $6.8M (10%)
  - Transportation Efficiency & Alternative Fuels. $9.9M (14%)
  - Renewable Energy Development Grants. $9.9M (14%)
  - Education, Training & Outreach. $2.6M (4%)

- City of New Orleans - $2.4MM
Program Sources and Considerations

- Industry Best Practices
- Local Stakeholder Suggestions
- Consensus Energy Plan
- Energy Policy Task Force
- Stimulus Programs & Funding
  - SEP
  - WAP
  - EECBG
- Passing ENO Potential Study Programs
- New Orleans Re-development activity
- Existing ENO Quick Start Programs
- Other Entergy System Programs
- ENERGY STAR Resources
## Comparison of Consensus Energy Efficiency Programs vs. Proposed Energy Smart Plan

<table>
<thead>
<tr>
<th>Consensus Energy Efficiency</th>
<th>Recommended Energy Smart Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Education</td>
<td>One Stop Energy Shop - Community Education, resource for comprehensive energy efficiency information</td>
</tr>
<tr>
<td>Technical Diagnostics and energy efficiency measures (residential and small commercial)</td>
<td>Technical diagnostics and energy efficiency measures: Residential Solutions; New Homes Program; Small Commercial; Large C/I; Efficient A/C Programs; Solar Water Heater Program</td>
</tr>
<tr>
<td>Low Income Weatherization</td>
<td>Low Income “Weatherization ready”, window A/C replacement and education</td>
</tr>
<tr>
<td>Energy Efficiency Training and Certification for contractors/builder (residential and commercial)</td>
<td>Workforce development and training of contractor partners who participate in and market programs</td>
</tr>
<tr>
<td>Real Time Energy User Monitoring Pilot</td>
<td>Real Time Energy Use Monitoring Pilot</td>
</tr>
<tr>
<td>Energy information and training program for large commercial and industrial customers</td>
<td>Large C&amp;I program provides diagnostic services and incentives for upgrading lighting, HVAC, motors and process improvements</td>
</tr>
<tr>
<td>Quality assurance measures to verify effectiveness of program elements</td>
<td>Quality assurance, measurement and verification included in program cost estimates</td>
</tr>
<tr>
<td>Program startup and management plan</td>
<td>Included in program cost estimates</td>
</tr>
<tr>
<td>Risk-underwriting and targeted buy downs to foster third-party financing of energy efficiency improvements</td>
<td>Includes leveraging of stimulus funding and third party financing</td>
</tr>
</tbody>
</table>
## Energy Smart

### Proposed Expenditure Allocation

<table>
<thead>
<tr>
<th>Spending Allocation:</th>
<th>Annual Funding</th>
<th>Annual Funding</th>
<th>$1.8MM Residential Contribution</th>
<th>Total First Year Funding</th>
<th>Total First Year Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>50%</td>
<td>$1,559,876</td>
<td>$800,000</td>
<td>$2,359,876</td>
<td>60%</td>
</tr>
<tr>
<td>Small Commercial</td>
<td>20%</td>
<td>623,950</td>
<td></td>
<td>623,950</td>
<td>16%</td>
</tr>
<tr>
<td>Large C&amp;I</td>
<td>30%</td>
<td>935,926</td>
<td></td>
<td>935,926</td>
<td>24%</td>
</tr>
<tr>
<td></td>
<td>100%</td>
<td>$3,119,752</td>
<td>$800,000</td>
<td>$3,919,752</td>
<td>100%</td>
</tr>
</tbody>
</table>
Deemed Savings
Tracking/ Measurement
Cost Benefit Tests
Proposed Program Overviews
Deemed Savings

- Deemed Savings is a pre-determined, validated estimate of energy and peak demand savings attributable to an energy efficiency measure in a particular type of application.
- Follows standard statistical analysis and engineering practices.
- Deemed savings specific to New Orleans were developed: Gulf South Region data adjusted for New Orleans weather data.
  - Building simulation modeling for insulation measures, windows, and solar treatment.
  - Degree day conversions for GSHP and duct efficiency.
  - EPA and DOE Energy Star Calculators for various water heating measures.
  - Used industry accepted values for non-weather related measures (appliances, lighting).
- Commercial applications applied ASHRAE formulas and ran best fit regressions on weather and savings factors to adjust for New Orleans conditions.
Tracking System

A program tracking database accounts for all program activities associated with reported energy and demand savings. A robust tracking database is essential for collecting, analyzing and reporting key data on program performance, participant information, equipment installations, energy savings, financial/incentive management, and cost effectiveness. For a typical project, tracking data includes, at a minimum:

1. A unique project identifier
2. Project initiation date
3. Project activities and associated dates. This includes scheduled audits, measures installed
4. Project savings (typically based on deemed savings multiplied by the number of installations)
ENO committed to regular program evaluation activities to measure net program savings and provide feedback on program process and market transformation.

Program plans each include prospective EM&V activities.

ENO will carry out program activities that support robust evaluation, including:
- Detailed program tracking
- Program QA/QC procedures (i.e. audits of contractor activity)
- Deemed savings updates
Cost Benefit Tests

- Followed CA Standard Practice Manual, per 2009 AIP
- Total Resource Cost (TRC) Test: Typically used as primary test of program cost-effectiveness by utility commissions across the country. Benefits include avoided energy and demand costs. Costs include all program costs to ENO plus participant costs.
- Program Administrator Cost (PAC) Test: Measures cost-effectiveness of program to ENO. Benefits include avoided energy and demand costs. Costs include program costs to ENO.
- Participant Test (PCT): Measures cost-effectiveness of program to participant. Benefits include avoided energy and demand costs plus incentives received by participants.
**ENO Proposed ENERGY SMART PROGRAMS**

<table>
<thead>
<tr>
<th>Program</th>
<th>kWh Savings</th>
<th>kW Savings</th>
<th>Total Program Cost ($000)</th>
<th>TRC Test</th>
<th>PAC Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Solutions</td>
<td>586,490</td>
<td>198</td>
<td>$390</td>
<td>1.00</td>
<td>1.25</td>
</tr>
<tr>
<td>Residential Low Income</td>
<td>81,699</td>
<td>18</td>
<td>$300</td>
<td>0.21</td>
<td>0.22</td>
</tr>
<tr>
<td>ENERGY STAR A/C</td>
<td>706,901</td>
<td>208</td>
<td>$240</td>
<td>1.73</td>
<td>2.94</td>
</tr>
<tr>
<td>Residential AC Tune-up</td>
<td>706,191</td>
<td>389</td>
<td>$240</td>
<td>1.26</td>
<td>1.44</td>
</tr>
<tr>
<td>Energy Efficient New Homes</td>
<td>1,266,391</td>
<td>252</td>
<td>$280</td>
<td>1.03</td>
<td>5.23</td>
</tr>
<tr>
<td>Residential CFL</td>
<td>3,081,611</td>
<td>445</td>
<td>$230</td>
<td>2.73</td>
<td>2.73</td>
</tr>
<tr>
<td>Small Commercial Solutions</td>
<td>1,784,262</td>
<td>257</td>
<td>$680</td>
<td>1.38</td>
<td>1.66</td>
</tr>
<tr>
<td>Large C&amp;I</td>
<td>3,304,371</td>
<td>509</td>
<td>$1,030</td>
<td>1.28</td>
<td>1.72</td>
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<tr>
<td>Solar Hot Water Pilot</td>
<td>259,785</td>
<td>39</td>
<td>$150</td>
<td>0.33</td>
<td>1.40</td>
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<tr>
<td>In-Home Display pilot</td>
<td>428,100</td>
<td>134</td>
<td>$280</td>
<td>1.16</td>
<td>1.17</td>
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<tr>
<td>Solar PV Monitor Pilot</td>
<td>0</td>
<td>0</td>
<td>$100</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>One-Stop Energy Shop*</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>12,205,801</strong></td>
<td><strong>2,449</strong></td>
<td><strong>$3,920</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*The One-Stop Energy Shop costs have been spread among all the programs listed above and is discussed in more detail later in the narrative of the report.*
Residential Solutions Program

The Residential Solutions program will provide incentives for homeowners to use a whole-house approach to energy efficiency, including a review of entire building envelope effecting everyday needs for reducing energy consumption and help establish and train a network of skilled and credible home energy analysts and contractors.

Measures & Average Incentives:

<table>
<thead>
<tr>
<th>Measure</th>
<th>Incentive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Heater Reduced Setpoint</td>
<td>$1</td>
</tr>
<tr>
<td>Faucet Aerator</td>
<td>$4</td>
</tr>
<tr>
<td>CFIs</td>
<td>$2</td>
</tr>
<tr>
<td>Low Flow Showerhead</td>
<td>$18</td>
</tr>
<tr>
<td>Wall Insulation</td>
<td>$500</td>
</tr>
<tr>
<td>Floor Insulation</td>
<td>$750</td>
</tr>
<tr>
<td>Air Infiltration Reduction</td>
<td>$250</td>
</tr>
<tr>
<td>Water Heater Jacket</td>
<td>$20</td>
</tr>
<tr>
<td>High Efficiency Pool Pump &amp; Timer</td>
<td>$540</td>
</tr>
<tr>
<td>Tankless Gas Water Heater</td>
<td>$300</td>
</tr>
<tr>
<td>Hot Water Pipe Insulation</td>
<td>$20</td>
</tr>
<tr>
<td>Solar Screens</td>
<td>$80</td>
</tr>
<tr>
<td>Duct Efficiency</td>
<td>$800</td>
</tr>
<tr>
<td>Water Heater, Efficient Heat Pump</td>
<td>$1,000</td>
</tr>
</tbody>
</table>

Projected Participation (customers):

All homes in New Orleans are eligible.

Year 1 - 1,301
Year 2 - 1,735
Year 3 - 1,735
The Energy Efficient New Homes program offers cash incentives to, recognition for, and promotion of New Orleans’ area residential building contractors who take steps to implement specific energy efficiency building practices that meet the program criteria for an energy efficient new home.

**Measures & Average Incentives:**

- Energy Efficient New Home @ 15% Above 2006 IECC Code: $250
- Energy Efficient New Home @ 30% Above 2006 IECC Code: $375
- New Home Advantaged Lighting Package: $100

**Projected Participation (customers):**

- Year 1 - 699
- Year 2 - 933
- Year 3 - 933

*All residential building or remodeling contractors are eligible.*
Residential A/ C Tune Up

The air conditioning ("AC") Tune-up program will recruit and train AC contractors to perform proper air conditioning tune-ups on existing, working residential air conditioners and provide incentives to customers toward the cost of tune-ups. Tune-ups include filter replacement, blower speed and air-flow adjustment, coil cleaning, and refrigerant charge.

**Measures & Average Incentives:**

A/ C Tune-up $75

**Projected Participation (customers):**

All homes with operational Residential A/ Cs are eligible.

Year 1 - 1,636
Year 2 - 2,181
Year 3 - 2,181
Residential Energy Star A/C

The ENERGY STAR Air Conditioning program is designed to increase the market penetration of ENERGY STAR central and window A/Cs in New Orleans through incentives. The program will also train participating contractors on how to perform “Quality Installation” of the units.

**Measures & Average Incentives:**
- Efficient Window A/C: $25
- Efficient Central A/C: $225

**Projected Participation (customers):**
- A ll homes in N ew O rleans are eligible.
  - Year 1 - 624
  - Year 2 - 831
  - Year 3 - 831
The objective of the Low Income program is to improve the energy efficiency, comfort and affordability of homes for New Orleans’ residents who qualify under Federal guidelines for the Weatherization Assistance Program (“WAP”) by providing funding to make home weatherization ready, providing replacement window A/Cs where appropriate and education.

**Measures & Average Incentives:**

- Weatherization Readiness: Up to $2,500
- ENERGY STAR Window A/C and installation: Up to $600

**Projected Participation (customers):**

- All WAP qualified residents are eligible.
- Year 1: 190
- Year 2: 304
- Year 3: 304
The objective of the Residential Direct Install CFL program is to increase the market penetration of ENERGY STAR-qualified compact fluorescent lighting ("CFL") in the New Orleans area through direct home installation of CFLs through partnership with local non-profits and customer education.

**Measures & Average Incentives:**
- Lighting CFL 15W – 27W Covers full cost of CFLs
- **Up to 20 CFLs per home**

**Projected Participation (customers):**
- All homes in New Orleans are eligible.
- Year 1 - 2,301
- Year 2 - 3,067
- Year 3 - 3,067
The Small Commercial Solutions program provides incentives for customers to implement cost-effective energy efficiency measures through qualified contractor partners. Provides expedited simple solutions for small non-residential customers, primarily focused on lighting and HVAC systems.

### Measures & Average Incentives:

<table>
<thead>
<tr>
<th>Measure</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHU Fan Schedule</td>
<td>$320</td>
<td></td>
<td></td>
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<tr>
<td>Air Distribution</td>
<td>$520</td>
<td></td>
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<tr>
<td>Chilled Water Temperature</td>
<td>$175</td>
<td></td>
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<tr>
<td>Coil Efficiency</td>
<td>$270</td>
<td></td>
<td></td>
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<tr>
<td>Commercial Lighting Upgrades</td>
<td>$39,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connectionless Steamer</td>
<td>$2,900</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dual-sided LED Exit Sign</td>
<td>$30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lighting Controls</td>
<td>$2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVAC Equipment Efficiency</td>
<td>$9,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ice Machine</td>
<td></td>
<td>$740</td>
<td></td>
</tr>
<tr>
<td>Infiltration Reduction</td>
<td></td>
<td></td>
<td>$1,000</td>
</tr>
<tr>
<td>Lighting CFLs</td>
<td></td>
<td></td>
<td>$2</td>
</tr>
<tr>
<td>Economizer</td>
<td></td>
<td></td>
<td>$2,000</td>
</tr>
<tr>
<td>AHU Fan Schedule</td>
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</tr>
<tr>
<td>Air Distribution</td>
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<tr>
<td>Chilled Water Temperature</td>
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<td>Coil Efficiency</td>
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<td>Commercial Lighting Upgrades</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lighting Controls</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Projected Participation (customers):

All Non-Residential Customers with peak demand of less than 100 kW.

- **Year 1**: 133 customers
- **Year 2**: 133 customers
- **Year 3**: 133 customers
Large Commercial & Industrial Solutions Program

Provides custom and prescriptive incentives and technical assistance to customers with peak demand of 100 kW or greater to implement energy efficient retro-fit and high efficiency opportunities at the time of new equipment purchases, facility modernization, new construction projects and industrial process improvements.

**Measures & Average Incentives:**

<table>
<thead>
<tr>
<th>Measure</th>
<th>Average Incentive ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHU Fan Schedule</td>
<td>$177</td>
</tr>
<tr>
<td>Air Distribution</td>
<td>$4,154</td>
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<tr>
<td>Chilled Water Temperature</td>
<td>$164</td>
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<td>Coil Efficiency</td>
<td>$2,104</td>
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<tr>
<td>Commercial Lighting Upgrades</td>
<td>$13,125</td>
</tr>
<tr>
<td>Connectionless Steamer</td>
<td>$2,900</td>
</tr>
<tr>
<td>Dual-sided LED Exit Sign</td>
<td>$31</td>
</tr>
<tr>
<td>LED Traffic Lights</td>
<td>$211</td>
</tr>
<tr>
<td>RET 2L4’ Premium T8, 1EB</td>
<td>$25</td>
</tr>
<tr>
<td>Server Virtualization</td>
<td>$109</td>
</tr>
<tr>
<td>Motors (per HP)</td>
<td>$8</td>
</tr>
<tr>
<td>Centrifugal Chiller, 0.51 kW/ton, 500 tons</td>
<td>$2,000</td>
</tr>
<tr>
<td>CFL Hardwired, Modular 36W</td>
<td>$29</td>
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<tr>
<td>HVAC Equipment Efficiency</td>
<td>$3,744</td>
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<tr>
<td>Infiltration Reduction</td>
<td>$2,320</td>
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<td>Circulating Pumps</td>
<td>$11,025</td>
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<tr>
<td>Lighting Controls</td>
<td>$44</td>
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<tr>
<td>Lighting Upgrade</td>
<td>$50,000</td>
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<tr>
<td>Ventilation</td>
<td>$27,036</td>
</tr>
<tr>
<td>Industrial Process ($per kWh)</td>
<td>$664</td>
</tr>
</tbody>
</table>

**Projected Participation (customers):**

All Non-Residential Customers with peak demand of 100 kW or greater.

**Year 1 - 44**  **Year 2 - 44**  **Year 3 - 44**
PILOT PROGRAMS/EDUCATION

- Solar Water Heating Pilot
- In Home Display Pilot
- Solar PV Monitoring Pilot
- One Stop Energy Shop
Pilot Program - Solar Water Heater

Provides incentives to install solar water heaters for residential customers and provides training to participating contractors and workshops for interested residential customers and contractors.

Measures & Average Incentives:
Solar Water Heater System $1,000 per home

Projected Participation:
All new homes or existing homes with electric water heater systems in New Orleans are eligible.
Year 1 - 92 participants
Pilot Program - In-Home Display (IHD) of Real Time Energy Information

Residential pilot program featuring in home device that displays electricity usage for the customer in their home and web portal access. An information program designed to increase awareness of energy usage, leading to energy savings.

Measures & Average Incentives:
Free In-home display unit

Projected Participation:
Year 1 - 300 to 400
Solar PV Monitoring

Residential & Commercial 12 month pilot program to monitor non-utility sponsored third-party Solar PV installations. This program does not provide any energy savings independently, but promotes informed investment by customers.

Anticipated Outcome:
ENO to install all sub-metering equipment to capture total energy output of the solar PV systems. A detailed report will provide net energy output, customer savings and overall cost benefit analysis of Solar PV in the New Orleans community.

Projected Participation:
Information available to all New Orleans residents and businesses
10 to 20 residential Solar PV applications and up to 4 commercial applications to take part in pilot program.
One-Stop Energy Shop

- Education & Awareness program to provide customers with a clearing house for information on various energy efficiency related programs and incentives available to New Orleans residents.
- Information will be provided through ENO customer service centers, customer service managers, on-line, through Energy Smart contractor partners and various other venues.
- The cost of the program is projected to be $200,000 per year. The program does not provide any energy savings independently, but will promote investment by customers in energy efficiency measures.
- Participants include all residential and non-residential ENO customers.
- The cost associated with this program is allocated to all programs recommended in the filing.
Residential Solutions Program

Q&A
Next Steps

- Filing is available to review on ENO website
- Period to Post Questions on Website is July 9 - 24
- ENO has 5 days to Respond (through July 31)

[www. entergy-neworleans.com/ IRP](http://www.entergy-neworleans.com/ IRP)
Thank You