Conservation & Energy Efficiency Activities

Bobbi Sterrett
Manager, Research/Conservation/ DSM

November 2012
Overview

■ Updates
  » AZ Gas Energy Efficiency Standards

■ Highlighted Programs
  » Residential Rebates – Insulation
  » Custom Commercial Rebates

■ 2012 Programs, Budgets, and Savings
■ 2013 Programs, Budgets, and Savings
- Over 1.9 million customers in portions of Arizona, California, and Nevada

- The largest distributor of natural gas in Arizona and Nevada
Gas Energy Efficiency Standards
(Docket No. RG-00000B-09-0428)

» Overall Goal of **6% savings by 2020**

» Energy Efficiency and Renewable Energy Resource Technology Portfolio Implementation Plan - Year One

» Approved May 2012

» $4.7 million annual budget

» 7 programs

» Approved September 2012

» Annual Budget:
  ▪ $4.4 million (2013)
  ▪ $4.6 million (2014)
  ▪ $4.8 million (2015)

» 4 programs
  ▪ Work with NV Energy to develop Education program for 2014 & 2015
Residential Rebates – Insulation

Nevada

» Attic Insulation – $0.15/SqFt
  ▪ originally $0.35/SqFt

» Floor Insulation – $0.35/SqFt

» Implemented authorized contractor requirement

» Currently inspect 100% of insulation rebates
Residential Rebates – Insulation

**Arizona**

- Attic Insulation - $0.15/SqFt
- Floor Insulation – $0.35/SqFt
- Authorized Contractor Requirement

**Phoenix Area**

- Partnering with APS and SRP
  - SWG customers required to participate in HPwES program through their electric provider

**Tucson Area**

- No HPwES program currently available
- Future partnership opportunity
Available Measure - Commercial Energy Audit Program

» Implemented June 1, 2011
» Approved Rebates for:
  • Low-Flow Showerheads – Paris, Flamingo, Bally’s
  • Economizer – Clearwater Paper Corp. and Harrah’s
Standalone Commercial Custom Rebate Program

» Implemented July 1, 2012

» Projects under review

  ▪ Economizers

» Process

  ▪ Submit a completed **Rebate Application requesting pre-approval**
  ▪ Purchase, install and commission equipment
  ▪ Submit a completed **Installation Notice**
### 2012 Programs

<table>
<thead>
<tr>
<th>ARIZONA</th>
<th>CALIFORNIA</th>
<th>NEVADA</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Residential Rebates</td>
<td>• Energy Savings Assistance Program (ESAP)</td>
<td>• Residential Consumer Products</td>
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<tr>
<td>• Homes</td>
<td>• California Alternate Rates For Energy (CARE)</td>
<td>• Low-Income Energy Conservation</td>
</tr>
<tr>
<td>• Commercial Rebates</td>
<td></td>
<td>• Commercial Equipment</td>
</tr>
<tr>
<td>• Custom Commercial Rebates</td>
<td></td>
<td>• Commercial Energy Audit</td>
</tr>
<tr>
<td>• Low-Income Energy Conservation</td>
<td></td>
<td>• ENERGY STAR® Home</td>
</tr>
<tr>
<td>• Solar Thermal Rebates</td>
<td></td>
<td>• Smarter Greener Better Solar Water Heating</td>
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## 2012 Budget and Estimated Savings

<table>
<thead>
<tr>
<th>STATE</th>
<th>BUDGET (in millions)</th>
<th>EST. SAVINGS (in therms)</th>
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<tbody>
<tr>
<td>ARIZONA</td>
<td>$4.7</td>
<td>1.1 million</td>
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<tr>
<td>CALIFORNIA</td>
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<tr>
<td>NEVADA</td>
<td>$4.4</td>
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## 2013 Programs

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<tr>
<th>ARIZONA</th>
<th>CALIFORNIA</th>
<th>NEVADA</th>
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<tbody>
<tr>
<td>• Residential Rebates &amp; Energy Assessments</td>
<td>• Energy Savings Assistance Program (ESAP)</td>
<td>• Residential Rebates</td>
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<tr>
<td>• Homes</td>
<td>• California Alternate Rates For Energy (CARE)</td>
<td>• Homes</td>
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<tr>
<td>• Commercial Rebates &amp; Custom Rebates</td>
<td></td>
<td>• Commercial Rebates</td>
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<tr>
<td>• Distributed Generation</td>
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<td>• Low-Income Energy Conservation</td>
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<td>• Smarter Greener Better Solar Water Heating</td>
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<td>• Energy Education</td>
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<td>NEVADA</td>
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For more information:

www.swgasliving.com/efficiency

Bobbi Sterrett
bobbi.terrett@swgas.com
(702) 364-3309