Energy Efficiency for Multifamily

Regional Stakeholder Meeting
July 24, 2015
SWEEP is a regional energy efficiency organization promoting greater energy efficiency in the Southwest.
SWEEP Program Areas

- State and Local Government
- Buildings and Energy Codes
- Combined Heat and Power
- Transportation
- Industrial Efficiency
- Utilities
Building Energy Codes

- Energy code adoptions
- Energy code compliance
- Energy code compliance collaboratives
- Regional codes leadership group
- SWEEP energy codes workshop
Benchmarking Programs

- Public buildings
- State policies
- City ordinances
- Voluntary programs
- City Energy Project
- Kilowatt Crackdowns

DENVER
City Energy Project
A program of the City & County of Denver

Kilowatt Crackdown 2015
Multifamily Utility Programs

- Xcel Energy Multifamily Pilot
- Arizona Public Service (APS)
- Salt River Project (SRP)
- Public Service Company of New Mexico (PNM)
- *Southwestern Public Service (SPS)*
- *Rocky Mountain Power (Utah)*
- *Rocky Mountain Power (Wyoming)*
Energy Efficiency for Multifamily

- Strategies for achieving energy savings in new and existing multifamily buildings and multifamily programs
- Affordable housing and market rate projects
Multifamily Buildings

**Southwest Figure 1.** Top Building Types by Number of Project Starts, 2005-2013 (NC and Renovations)

**Southwest Figure 2.** Top Building Types by Number of Project Starts, 2005-2013 (New Construction)
Multifamily Buildings

Southwest Figure 3. Top Building Types by Total Square Feet Constructed, 2005-2013 (New Construction)
Multifamily Buildings

**Colorado Figure 1.** Top Building Types by Number of Project Starts, 2005-2013 (NC and Renovations)

**Colorado Figure 2.** Top Building Types by Number of Project Starts, 2005-2013 (New Construction)
Colorado Figure 3. Top Building Types by Total Square Feet Constructed, 2005-2013 (New Construction)
meeting agenda

- multifamily energy code
- new construction
- existing buildings
- behavioral programs
- PACE financing

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
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<tr>
<td>8:30 – 8:45</td>
<td>Registration</td>
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<tr>
<td>8:45 – 9:00</td>
<td>Introduction</td>
<td>Lauren Smith, Southwest Energy Efficiency Project</td>
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<td>9:00 – 10:15</td>
<td>Multifamily Energy Code</td>
<td>Shaurna Mozingo, Colorado Code Consulting</td>
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<td>Code requirement updates</td>
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<td>Energy savings estimates</td>
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<td>10:15 – 10:30</td>
<td>Break</td>
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<td>10:30 – 12:00</td>
<td>Multifamily New Construction</td>
<td>Ryan Tobin, Denver Housing Authority</td>
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<td>Meeting and exceeding code in</td>
<td>Narada Golden, Y&amp;R</td>
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<td>affordable housing</td>
<td>Brendalee Connors, Metro West Housing Solutions</td>
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<td>Energy efficient design for</td>
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<td>market rate mid-rise properties</td>
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<td>Energy efficiency goals from</td>
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<td>the developer’s perspective</td>
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<td>Financing energy efficiency for new construction projects</td>
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<td>12:00 – 12:45</td>
<td>Lunch</td>
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<td>12:45 – 2:15</td>
<td>Existing Multifamily Buildings</td>
<td>Ravi Malhotra, ICAST</td>
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<td>Cost effective green rehabs for multifamily buildings</td>
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<td>Financing options for existing multifamily buildings</td>
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<td>Retrofits in low-income and affordable multifamily housing</td>
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<td>2:15 – 2:30</td>
<td>Break</td>
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<td>2:30 – 3:30</td>
<td>Behavioral Programs for Occupants</td>
<td>Narada Golden, Y&amp;R</td>
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<td>3:30 – 4:00</td>
<td>PACE Financing</td>
<td>Keirstin Beck, Integro, LLC</td>
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<td>4:00 – 4:30</td>
<td>Multifamily Buildings in the U.S.</td>
<td>Jim Meyers, Southwest Energy Efficiency Project</td>
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Meeting Goals

- Information sharing and education
- Collaborations between stakeholders
- State and regional applications
- Policy and program development
SWEEP’s Recent Reports

- Commercial construction fact sheets

http://www.swenergy.org/buildings/commercial
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