Energy Vision Advisory Committee
Q3 Meeting
August 18, 2015
Goals, Strategies, and Segments

Clean Energy Partnership Goals
- Increase Energy Efficiency
- Increase Renewable Energy
- Develop Strong City-Utilities Collaboration

Advancing equity and other environmental benefits

Strategies
- Community and stakeholder engagement
- Data and information
- Policy levers

Segments
- 1-4 Unit Residential
- Multi-family
- Small Commercial
- Large Commercial
- City Enterprise
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<tr>
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<th>Res. 1-4 Unit</th>
<th>Multi-family</th>
<th>Large Commercial</th>
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<th>City Enterprise</th>
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<td>Program/usage data</td>
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<td>Participation in Community Solar Gardens</td>
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<td>Infrastructure Planning and Econ Dev</td>
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<td>1-4 unit pilot</td>
<td>Multi-family program</td>
<td>Solar gardens</td>
<td>New/coordinated utility programs</td>
<td>LED Street Lighting</td>
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<td>Solar gardens/renewable programs</td>
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<td>Benchmarking &amp; transparency</td>
<td>Monitor progress of PIE program</td>
<td>Natural Gas Infrastructure for City fleet</td>
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<td>Financing options</td>
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<td>Transparency/policy levers</td>
<td>Consider future strategy design:</td>
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Strategies

Enhancing and Coordinating Community Engagement

– Planning Team will engage EVAC to generate ideas, vet potential approaches
– Planning Team will return to the Board with detailed strategies, identify necessary resources and paths forward
– Long-term success means moving beyond historic levels of participation in energy efficiency and renewable energy programs
Strategies

Enhancing and Coordinating Community Engagement

– Applies to Segments: Res. 1-4 unit, Multi-family, and Commercial, approach will vary by segment

EVAC’s Potential Role

– Identifying new and effective strategies to drive participation in efficiency and renewable energy programs
– Engaging geographies or communities underrepresented in the usage of utility programs
Strategies

Program participation and energy usage data

– Understanding how well, and where, utility programs are currently serving Minneapolis
– Will help form the basis of the metrics used to track success of the Partnership

EVAC’s Potential Role

Identifying data needs for appropriate engagement strategies and areas to target
Strategies

Exploring City policy levers

– Partnership formed to leverage utility programs AND City levers:
  • communication networks, stakeholder connections and regulatory options
– Explore City policy levers for driving participation in energy efficiency and renewable energy programs

EVAC’s Potential Role
Help identify City policy levers to drive participation
Tracking Progress

• Planning Team will provide brief status updates on all 2015-2016 activities at each quarterly meeting

• Planning Team will develop annual report in Q2 of 2016, coinciding with utility reporting on program participation
Tracking Progress:
Developing CEP Metrics
Metrics are critical to CEP success

• Allow EVAC, Board, City Council and the public to understand the progress of the Partnership

• Form the basis of the Annual Report

• Inform design of new outreach activities

• Help Planning Team identify data needs (coordinating on data is a Work Plan item)
Suggested Metrics

- Greenhouse gas emissions
- GHG reductions by measure/visit (where available)
- Energy and cost savings
- Home Energy squad visits
- Utility audits
- Energy usage access (are we making progress on data?)
- Solar Garden subscriptions
- Distributed renewables installations
- WindSource subscriptions
Preferred metrics:

• Can be updated regularly (annually)
• Are based on available data sources
• Are actionable & measure progress towards work plan goals
• Include geographic or demographic breakdown
Tracking equitable participation

Non-white residents
Percent by Census tract

Residents below 185% of poverty guidelines
Percent by Census tract
Tracking equitable participation

Count of Home Energy Squad or Community Energy Services Visits
2009 - August 2015

Count of Weatherization Visits
2009 - August 2015

Data under review

Visits
0
1 - 20
21 - 40
41 - 80
81 - 120
121 - 160
161 or more

Minneapolis Sustainability
Maps revised August 11, 2015
Data Source: City of Minneapolis, Xcel Energy
Tracking equitable participation

DRAFT
Data under review;
Does not include weatherization visits
Potential Metrics by Segment

Res. 1-4 Unit
- HES/Audit visits
- WindSource customers
- CSG subscribers
- Energy savings & renewable generation

Multi-family
- Multi-family program visits
- Windsourse customers
- CSG subscribers
- Energy savings & renewable generation

Large Commercial
- Benchmarking results
- Technical assistance event attendance
- Energy challenge results

City Enterprise
- Renewable installs/subscription
- Streetlight retrofits
- Greenhouse gas emissions
- Energy costs

Partnership
- Citywide greenhouse gases
- Renewable MW (beyond grid)
- State of data access (qualitative)
Charge to EVAC

• Gather input from your constituencies

• Provide summarized feedback to Planning Team

(we can organize discussion or exercise at next meeting, an online survey, or other means)
Timeline

• Q4 2015 EVAC – collect and review feedback on metrics

• Q4 2015 or Q1 2016 CEP Board – present EVAC feedback on metrics

• Q1 2016 EVAC – Begin outreach and engagement discussion
Questions?