Clean Energy Partnership
Q4 Board Meeting
November 4, 2016
Agenda

1:00 Welcome & Introductions
1:05 Review and Approval of Agenda and Minutes
1:15 Recognition of EVAC Members
1:25 Work Plan Discussion
   • Summary of DRAFT EVAC Recommendation for 2017/18 Work Plan
   • Board Roundtable Discussion
2:30 Announcements/Open Discussion
3:00 Adjourn
# 2017-2018 EVAC Members

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Ward</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Louis</td>
<td>Alemayehu *</td>
<td>3</td>
<td>Higher Education Consortium for Urban Affairs (HECUA)</td>
</tr>
<tr>
<td>Cameran</td>
<td>Bailey *</td>
<td>1</td>
<td>Yucatan Solar, LLC/ Soltec Renewable Energies</td>
</tr>
<tr>
<td>Timothy</td>
<td>DenHerder-Thomas</td>
<td>9</td>
<td>Cooperative Energy Futures</td>
</tr>
<tr>
<td>Trevor</td>
<td>Drake *</td>
<td>7</td>
<td>Great Plains Institute/CERT’s</td>
</tr>
<tr>
<td>John</td>
<td>Farrell *</td>
<td>11</td>
<td>Institute for Local Self-Reliance</td>
</tr>
<tr>
<td>Abby</td>
<td>Finis</td>
<td>9</td>
<td>CR Planning / Great Plains Institute</td>
</tr>
<tr>
<td>Timothy</td>
<td>Gaetz *</td>
<td>N/A</td>
<td>Minneapolis Public Housing Authority</td>
</tr>
<tr>
<td>Matt</td>
<td>Kazinka *</td>
<td>9</td>
<td>Lake Street Council</td>
</tr>
<tr>
<td>Kevin</td>
<td>Lewis *</td>
<td>N/A</td>
<td>Building Owners &amp; Managers Association (BOMA) of Greater Minneapolis</td>
</tr>
<tr>
<td>Patty</td>
<td>O'Keefe</td>
<td>10</td>
<td>MN350</td>
</tr>
<tr>
<td>Rebecca</td>
<td>Olson</td>
<td>3</td>
<td>Neighborhood Energy Connection</td>
</tr>
<tr>
<td>Julia</td>
<td>Silvis *</td>
<td>7</td>
<td>Representing Minneapolis residents/property owners</td>
</tr>
<tr>
<td>Jamez</td>
<td>Staples *</td>
<td>5</td>
<td>Renewable Energy Partners</td>
</tr>
<tr>
<td>Shane</td>
<td>Stennes</td>
<td>12</td>
<td>University of Minnesota</td>
</tr>
<tr>
<td>William</td>
<td>Weber *</td>
<td>9</td>
<td>Center for Sustainable Building Research</td>
</tr>
</tbody>
</table>

* Returning Committee Members
“Thank you” to our Departing 2015-2016 EVAC Members

• Chris Duffrin, Center for Energy & Environment
• Karen Monahan, Sierra Club
• Janne Flisrand, Flisrand Consulting
• Annie Levinson Falk, Private Citizen
• Sydney Jordan, Union Representative
2015-2016 Plan
• Developed from Climate Action Plan
• EVAC had limited time to provide input
• Planning Team sent recommendations to Board

2017-2018 Plan
• Hired a facilitator for Q3 EVAC meeting
• Held extra EVAC led workshop on 10/12
• EVAC will prioritize action items and vote at Q4 (12/7) meeting
• Planning Team recommends Work Plan to Board considering EVAC recommendations
Update on EVAC Recommendations for 2017/2018 Work Plan

Billy Weber
Co-Chair of EVAC
Timeline and Process

<table>
<thead>
<tr>
<th></th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Facilitated EVAC Q3 Meeting</td>
<td>Break-out meetings</td>
<td>Prioritize the work plan (survey)</td>
<td>Adopt Work Plan Recommendations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Small and Large Commercial, 1-4 Residential, and Multifamily</td>
<td>EVAC expert area identification by work plan item</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Principles and Strategies Discussion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Key Strategies and Operating Principles

2015-16 Work Plan Key Strategies

1. Enhancing and coordinating community engagement

2. Using data on program participation to aid decision-making and develop metrics

3. Explore city policy levers
Key Strategies and Operating Principles

Draft Recommendations - Activating Key Strategies

• Timelines for implementation
• Set goal for each work plan item
• Forecast impacts on the Climate Action Plan Goals
• Identify regulatory levers
• Evaluate work force opportunities
Key Strategies and Operating Principles

Draft Ways of Working and Practices

• Develop
  o new partnerships and expand current work practice
  o coaching and training on collaboration
  o strong communication across Clean Energy Partnership

• Use and engage EVAC expertise
Current and Proposed New Work Plan Items

Small Commercial

• Monitor and assess progress of small business programs of the Partners In Energy (PIE) program in the Lake Street corridor

• Develop and pilot a city wide small business EE initiative
Proposed New or Expanded Work Plan Items

Large Commercial

• Leverage commercial building benchmarking to encourage EE
• Adopt a city sustainability program with Sustainable Buildings 2030 targets
• Support and encourage the State of Minnesota to adopt an addendum to the state energy code for higher energy efficiency
Current Proposed New or Expanded Work Plan Items

Residential 1-4 Units

• Continue community engagement pilot
• Implement on-bill repayment
• Utilize city regulatory authority to drive EE and time of sale energy usage transparency
Proposed New or Expanded Work Plan Items

Multifamily Residential

• Utilize City regulatory authority...
  o to mandate disclosure of energy usage in multifamily residential and drive EE
  o to encourage EE thru the tier rental licensing system

• Explore the use of Multifamily Building EE programs to preserve unsubsidized affordable housing
### Topics for Future EVAC Meetings

| 2016 Q4 | Final Recommendations for 2017-2018  
CEP Work Plan  
Work Group Formation  
Engagement, Work Force, CEP Funding,  
Multifamily EE Program |
| 2017 Q1 | Discussion  
CEP Goals and tracking Measuring outcomes  
“defining what counts”  
Forecasting for CEP goals |
Roundtable Work Plan Discussion
Next Steps

- **Early December**: EVAC Prioritization and Approval
- **Late December/Early January**: Planning Team sends Recommendations and DRAFT Work Plan to Board for review
- **January 26**: Board considers approval of 2017/18 work plan or decides if a special meeting is necessary for final discussion
Announcements/Open Discussion
### KEY ELEMENTS APPROVED BY MN PUBLIC UTILITIES COMMISSION

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintain Nuclear</td>
<td>Maintain 1,100 MW Prairie Island Units 1 and 2 and 671 MW Monticello</td>
</tr>
<tr>
<td>-1,362 MW Coal</td>
<td>Retirement of Sherco Unit 2 (2023) and Sherco Unit 1 (2026)</td>
</tr>
<tr>
<td>+1,800 MW Wind</td>
<td>Addition of <strong>1,000-1,500 MW</strong> of wind by 2020 and <strong>300-800 MW</strong> between 2020 and 2030</td>
</tr>
<tr>
<td>Replace Sherco 1 &amp; 2</td>
<td>Submit detailed filing to MPUC on options to replace Sherco 1 &amp; 2; Xcel proposed new <strong>786 MW</strong> natural gas plant at Sherco by 2026</td>
</tr>
<tr>
<td>+1,380 MW Combustion Turbine</td>
<td><strong>1,380 MW</strong> of natural gas CT by 2025</td>
</tr>
<tr>
<td>+1,000 MW Solar</td>
<td>Addition of <strong>1,000 MW</strong> solar between 2020 and 2030</td>
</tr>
</tbody>
</table>
ENERGY VISION

60% carbon reduction at reasonable cost impact; maintain fuel diversity and service reliability.
Updates:

• Minneapolis 2016 Building Energy Challenge Awards
• City received DOE’s Gold designation for fostering local solar market growth
• Community engagement pilot grant status
• Utility Conservation Improvement Program (CIP) status
Next Meeting Date: January 26, 2017

Adjourn