Engaging Local Communities

The Role of Stakeholder Processes

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MN Department of Commerce | State Energy Office

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MN Plans...
Executive Order 19-37: Climate Change Subcabinet

Put Minnesota back on track to meet or exceed our goals to reduce statewide GHG emissions

Enhance the climate resiliency of Minnesota’s natural resources, working lands, and communities
Regulatory Activities

Policy Dockets

• Grid Modernization
• Interconnection Standards
• Electric Vehicle Charging Infrastructure & Rates
• Fuel Switching in CIP
• Baseload Commitment & Scheduling
Energy Sector – Current Commitments

- **Xcel Energy:**
  - retire all coal for 80% carbon reduction by 2030
  - 100% carbon-free electricity by 2050

- **Great River Energy:** 95% carbon free by 2023

- **Minnesota Power:** 70% renewable by 2030, coal-free by 2035 & 100% carbon-free by 2050

- **SMMPA:** 80% carbon free in 2030

- **OTP:** 30% renewable energy & 40% carbon reduction by 2022
By the numbers:

➢ 141 participants
➢ Covers 49% of Minnesota’s population
➢ 35% are small cities (5,000 people or fewer)
➢ Achieves more than $8 million savings per year on energy costs
<table>
<thead>
<tr>
<th>City</th>
<th>Climate Goals</th>
<th>Renewable Goals</th>
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<tbody>
<tr>
<td>Grand Marais</td>
<td><strong>Climate Action Plan (2019):</strong> Carbon Neutral by 2040</td>
<td>Achieve energy resilience</td>
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<td><strong>100% renewable</strong> for city operations</td>
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<tr>
<td>Northfield</td>
<td><strong>Climate Action Plan (2019):</strong> Carbon free by 2040</td>
<td><strong>10% in-boundary</strong> renewable electricity <strong>(20 MW)</strong></td>
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<td><strong>Carbon-free electricity</strong> by 2030</td>
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<tr>
<td>Rochester</td>
<td><strong>Energy Action Plan (2017):</strong> Supports state goal to reduce GHG emissions 80% by 2050</td>
<td>Mayoral proclamation:</td>
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<td><strong>100% renewable</strong> electricity by 2031</td>
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<tr>
<td>St. Louis Park</td>
<td><strong>Climate Action Plan (2018):</strong> Carbon neutral, community-wide by 2040</td>
<td><strong>100% renewable</strong> electricity by 2030</td>
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<td></td>
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<td><strong>10% in-boundary</strong> <strong>(37 MW)</strong></td>
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<td>City ops currently at 100% renewable</td>
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<tr>
<td>St. Paul</td>
<td><strong>Climate Action and Resilience Plan (2019 draft):</strong> Reduce emissions 50% by 2030, carbon neutral by 2050, community-wide</td>
<td><strong>10% in-boundary</strong> renewable electricity <strong>(200 MW)</strong></td>
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<tr>
<td>Minneapolis</td>
<td><strong>Climate Action Plan (2013):</strong> 80% reduction in emissions from 2005 by 2050, community-wide</td>
<td><strong>100% renewable</strong> electricity by 2030 community-wide</td>
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<tr>
<td></td>
<td></td>
<td><strong>100% renewable</strong> electricity for city ops by 2022</td>
</tr>
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Source: Great Plains Institute
Community Resilience

The sustained ability to utilize available resources to withstand, adapt to, and recover from disruption.
Traditional Engagement Processes
Stakeholder Engagement

- 4 workshops
- 3 comment periods
- Final action plan or methodology

- **Sept 17, 2013:** Workshop 1: Overview of National Efforts on Solar PV Benefit & Cost Studies
- **Sept 20, 2013:** Initial Comments
- **Oct 1, 2013:** Workshop 2: Proposed approach to methodology, stakeholder perspectives, identification of key issues
- **Oct 8, 2013:** Comments on key issues
- **Oct 15, 2013:** Workshop 3: Discussion of key issues, facilitated discussion with stakeholders
- **Nov 19, 2013:** Workshop 4: Presentation of Initial Draft Methodology
- **Dec 10, 2013:** Comments on draft methodology informed the final draft methodology that the Department submitted to the PUC
MN’s 2025 Energy Action Plan: Goal

- Improve understanding of the state’s energy landscape
- Advance a clean, reliable, resilient, and affordable energy system for Minnesota
- Meet Minnesota Statute 3.8852:
  - develop a planning strategy for a sustainable energy future
  - establish strategies to meet state’s energy goals (e.g. RPS, EERS, fuel standards)
  - prepare for next steps beyond existing goals

MN’s 2025 Energy Action Plan was made possible by a grant from the U.S. Department of Energy – State Energy Program
Traditional Engagement Processes

Inform
- Literature Review
- Initial Survey
- Landscape Assessment

Consult
- Policy Expert Task Force
- Program Design Task Force

Act
- Implementation Plan
Energy Assurance and Resilience Planning

IMPACTED COMMUNITIES

WEALTH
Income Distribution

ACCESS
Information Mitigation Resources

POLITICAL
Access Relationships Biases

HISTORIC INEQUALITY
Race Gender Historic Wealth

IMPACT
Most powerful Most impacted

VULNERABILITY
Geography Housing Stock Health
Engagement Continuum

- Ignore: Develop without community
- Inform: Provide Information
- Consult: Gather input
- Involve: Ensure community needs and assets are integrated
- Collaborate: Ensure capacity of leadership role in implementing decisions.
- Empower: Foster democratic participation/equity

Based on the National Association of Climate Resilience Planner’s, Engagement to Ownership Model
Resilience Readiness

Resource Alignment

Community Engagement

2021 Community Energy Collaborative

Relational Model
Examples of State-Led, Community-Resilience Planning

- Train local H20/WWTP Managers
- Participate in Community-Directed Initiatives
- Revise Energy Assurance and RESILIENCE Plan
- Fund locally-directed resilience measures
- Ensure Participation in Weatherization Task Force

VULNERABLE COMMUNITIES RESOURCED FOR PARTICIPATION
~ Questions & Discussion~