



Clean Energy Partnership Q2 Board Meeting April 21, 2017



Agenda

- 10:00 Welcome & Introductions
- 10:05 Review and Approval of Agenda and Minutes
- 10:10 Xcel Energy Partnership Initiatives for 2017
- 10:45 Quarterly Update from EVAC Co-Chairs
- 10:55 EVAC Funding Work Group Presentation
- 11:35 Policy Updates
- 11:45 Announcements/Open Discussion
- 12:00 Adjourn

Xcel Energy Policy Initiatives

April 21, 2017



Energy Efficiency Pilot Program Small Business Refrigeration

- Aligns with Item #12 of the approved work plan
 - Develop a city small business pilot energy efficiency initiative
 - Integrate established EVAC workgroup into development & rollout
- Minneapolis focus
 - ~300 small grocery stores and gas stations
- Xcel Energy hires Implementer
- Incentives to promote customer participation in energy efficiency programs
 - Bonus utility rebates
 - Minneapolis' Green Business Cost Share program grants
 - City's Small Business ,Two Percent Loan Program



Refrigeration Pilot Program Options

Option 1 - Behavioral feedback based

- Provide customized energy use and comparison information to each customer
 - Monthly energy use data, benchmark to comparable businesses
 - History of energy efficiency programs they've already done
 - Recommendations for additional programs
- Test different customer contact efforts
- Planning over spring/summer 2018; rollout fall/winter 2018

Option 2 - Customer participation campaign

- Full campaign to engage with the ~300 businesses
- RFP summer/fall 2017, rollout fall/winter 2017



Low Income Solar Garden

- Aligns with City Enterprise Goal #17
 - Support access to renewable energy for low income groups
- Low Income Solar Garden project
 - Received grant from Xcel Renewable Development Fund (RDF)
 - 300 kW system at 46th & Lyndale
 - Building owner may be the back-up subscriber
- Other Low Income Solar Garden Opportunities
 - Investigate potential to allocate un-used RDF funds to cover portion of garden cost
 - RDF fund re-allocation process would have to be developed, gain MPUC approval
 - Explore partnering with the city
 - Garden locations, may not need to be a city-owned site
 - City as potential back-up subscriber





EVAC Quarterly Update



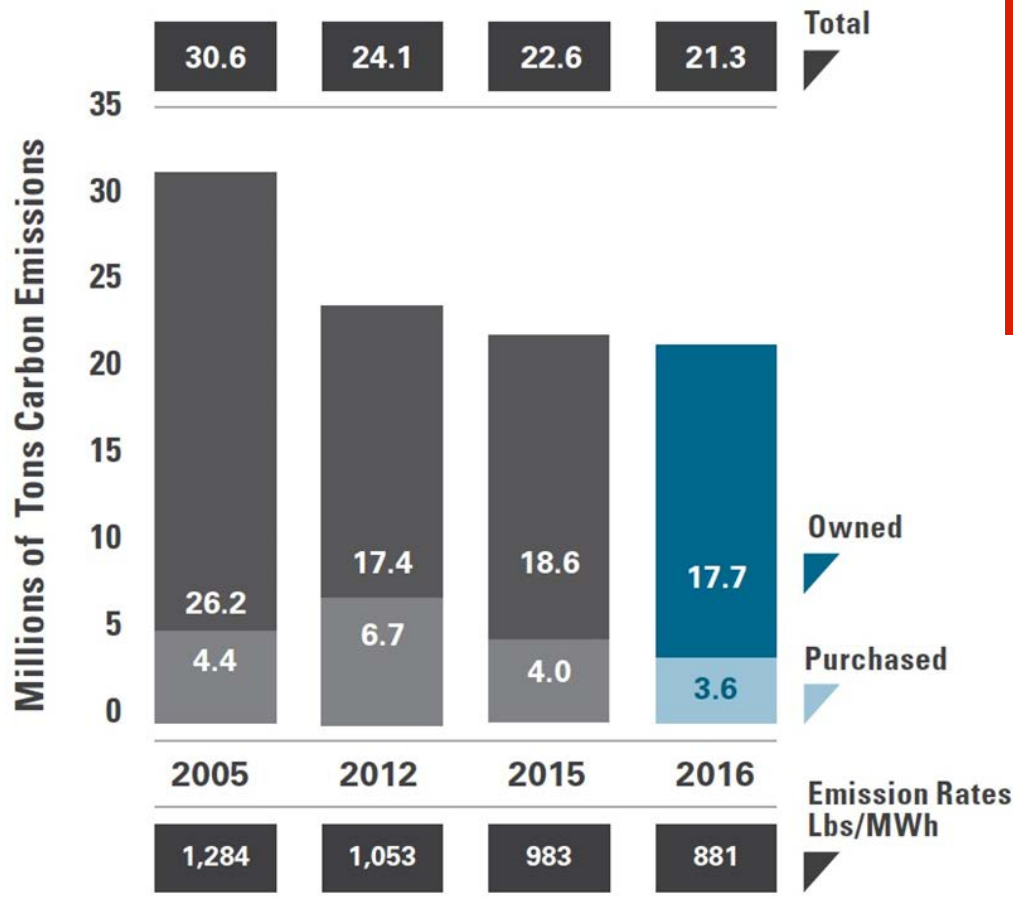
EVAC Funding Work Group Update

2016 Carbon Emission Summary

April 21, 2017



Upper Midwest Emissions Reduction

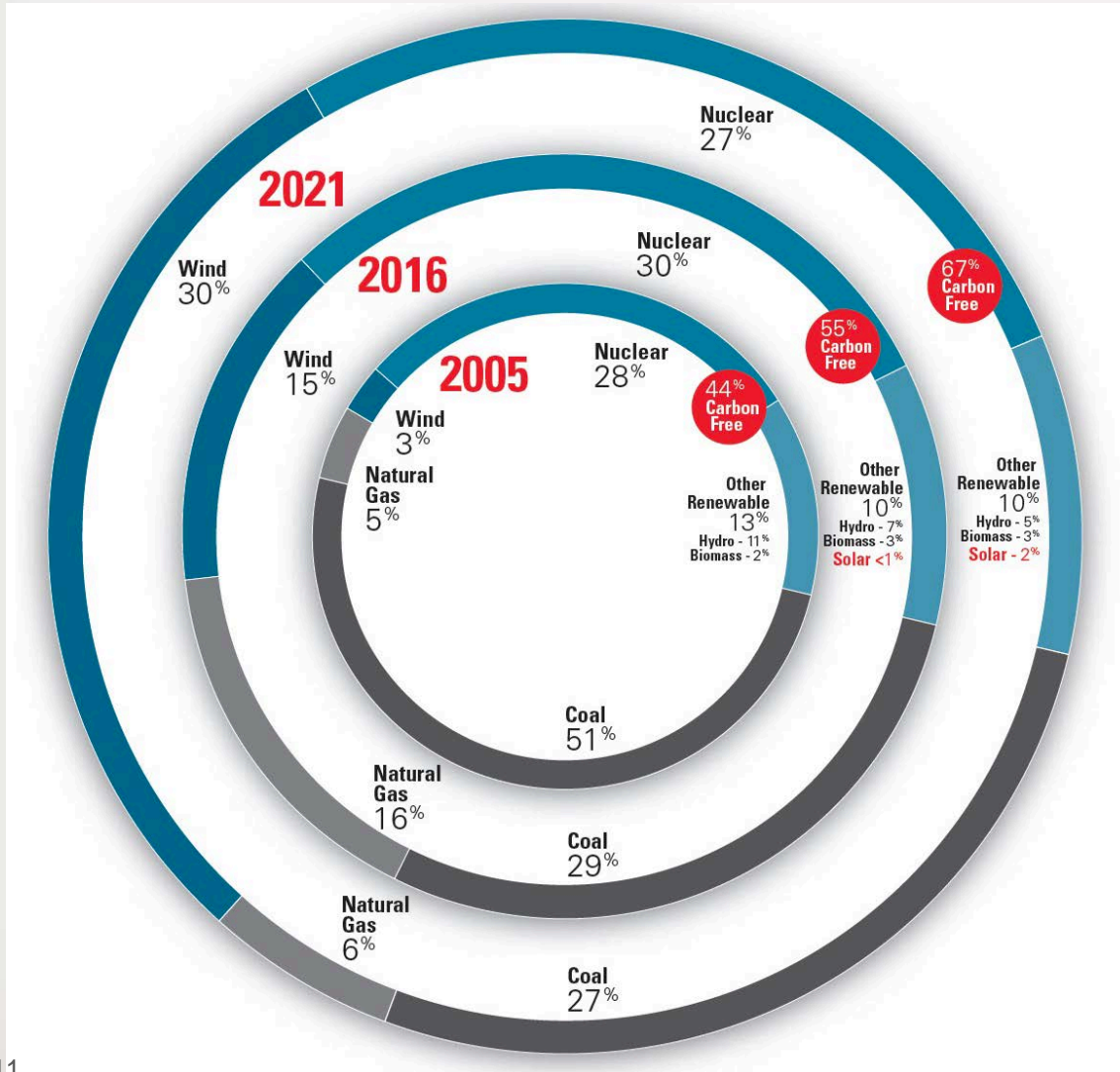


30% Emissions reduction from 2005 with 45% projected by 2021

- Michigan
- Minnesota
- North Dakota
- South Dakota
- Wisconsin



Upper Midwest Energy Mix



Michigan
 Minnesota
 North Dakota
 South Dakota
 Wisconsin





Next Meeting Date: July 25, 2017
Time: 11:00 -1:00

Adjourn