



Alliance for Sustainability

Ecologically sound, economically viable, socially just and humane

Metro Resilient Cities Energy Conversation

Thursday January 18

11:30 a.m. to 2:30 p.m., including lunch at the
McKnight Foundation Offices (Board Room)

OR ZOOM Phone/ Video Conference

Join from PC, Mac, Linux, iOS or Android:

<https://zoom.us/j/110405776>

- Or Telephone: Dial US: +1 646 558 8656 or +1 669 900 6833
- Meeting ID: 110 405 776



Organic Lunch - complements of the **French Meadow Bakery and Café** www.frenchmeadowcafe.com

Facilitator - Ross Hammond, P.E., Ralph D. Thomas & Associates, Energy Advisor, Alliance for Sustainability

Our Focus Question – “How can our metro cities strengthen our work to be **successful together** in achieving our city and state-wide carbon and energy goals while making our cities more resilient?”

For three hours we will explore together ways Metro cities can expand their collaboration to

- expedite **shared-learning between cities** on what works
- enable **successful projects to “go to scale” metro wide**, and
- expand the **combined influence of cities** to achieve policy innovations that help their efforts

Event Sponsor - This conversation is made possible through generous support from the McKnight Foundation for the Alliance for Sustainability to re-convene city leaders to build upon conversations among city leaders at our [Resilient Cities Workshops](http://www.allianceforsustainability.com/sustainablecommunities) over the past 2 years www.allianceforsustainability.com/sustainablecommunities

AGENDA

11:30 a.m. **Arrive and Get your Lunch at the Buffet** (courtesy of the French Meadow!)

11:40 a.m. **Welcome** (Brendon Slotterback, McKnight Foundation)

Overview – Sean Gosiewski, Alliance for Sustainability)

11:45 a.m. **Introductions/City Updates** (City teams will stand up & introduce themselves)

City Updates – One representative from each city will give a 3 to 4-minute high-level update on current and future goals, planning efforts, projects and policies along with challenges and needs (related to energy supply, buildings, transportation, resilience)

1:00 p.m. **Break**

1:05 p.m. **Topic Team Small Groups** – Instructions - choose a reporter and a note taker (everyone can fill out post it notes too) For each topic area answer

- **What do leading metro cities hope to achieve related to this topic?**
- **Current opportunities and challenges for metro cities for this topic** (including wider trends impacting cities) and opportunities/challenges to advance equity?
- **High impact projects or policies leading metro cities are launching.** Ways to help these initiatives “go to scale” metro wide?
- **Current resources & networks** cities are using while they address this topic?
- **Additional needed resources, or gaps to fill**, so metro cities can succeed together when they work to achieve their goals related to this topic?
- List any **current or proposed policies** that would **help** or **hinder** MN cities’ making progress on this topic (Federal, State, MN PUC, regional, county)

Topic Team Options – *choose one you can add to or want to learn about or add a new topic*

- **Efficient Buildings** (demand side) new construction, energy retrofits, benchmarking, demand response, etc. (city buildings, commercial, residential)
- **Energy Supply** (supply side) accessing renewable energy, PV solar, storage, district energy, thermal energy, grid modernization, grid modernization, reliability, etc.
- **Transportation/ Land Use** – Current and future needs, TOD, transit, electric vehicles, bike/ped, shared-mobility, FAVES, electrification of transportation, VW settlement, etc.
- **Resilience/ Adaptation/Health/Equity** – infrastructure, people, natural systems, emergency preparedness, health, broader resilience themes, etc.
- **Green Economic Development/ Equity** – encouraging business investments in efficiency, solar, etc., local job creation, workforce development, expanding access, etc.
- **Generating public, City Council & staff support** for energy/resilience goals, initiatives
- **Generating new/needed Resources** – Opportunities and challenges to secure needed resources (i.e. funding, staffing, expertise, implementation partners, indicator data)
- **Additional topics?** – (optional)

1:40 p.m. **Topic Team Reports and Large Group Conversation**

- What are the biggest, opportunities, high level goals, resources, challenges, gaps?
- Anything missing (write on post it notes and send up)
- Relevant state policy opportunities or challenges
- Specific topic for a follow up conversation

2:10 p.m. **Wrap up Discussion – Large Group Conversation** – review, brainstorm, discuss

- Priority Topics participants hope to further explore (dot voting)
- Possible ways to add to or supplement existing resources/networks – LMC, GreenStep Cities, Regional Indicators, etc.?
- Opportunities/ideas to expand sharing of best practices, high impact projects?
- Possible next steps - working with LMC on state policy opportunities/challenges?
- Was this conversation valuable?
- If/when to meet up again (with additional interested cities) at the League of MN Cities?
- Who can participate in the next 1hr conference call to plan the next meeting?

NOTES on City Updates – on energy, buildings, transportation and resilience

- current and future goals, planning efforts, projects and policies
- challenges and needs

Hennepin Co.

Minneapolis

Bloomington

Edina

Eden Prairie

Golden Valley

Richfield

St. Louis Park

Ramsey Co.

St. Paul

Falcon Heights

Maplewood

Washington Co.

Woodbury

Oakdale

Dakota Co.

Apple Valley

Eagan

Rosemount

Resource Group Updates

Alliance for Sustainability

Planning for Resilient Cities Workshops
www.allianceforsustainability.com/sustainablecommunities
Energy & Resilience Planning Consulting Services
www.bluedotregister.org/community-services/#Resilient-Cities

MN Environmental Partnership

energy, transportation, water www.mepartnership.org

MPCA

MN Green Step Cities www.mngreensteps.org

Met Council

Resilience (Energy & Adaptation) Planning
<https://metro council.org/Handbook.aspx>

MCEA MN PUC Roundtable www.mncenter.org

Fresh Energy www.fresh-energy.org

League of MN Cities - 2018 Legislative Policies

SD-63. State Support for Municipal Energy Policy Goals
www.lmc.org/page/1/legislative-policies.jsp

Handbook www.lmc.org/page/1/handbook-for-mn-cities.jsp

MN Local Government Project for Energy Planning

(LoGoPEP) free energy planning tools for cities:
www.regionalindicatorsmn.com/energy-planning

- Great Plains Institute
- LHB Architects

Center for Energy & Environment

Xcel Energy – Partners in Energy
www.xcelenergy.com/working_with_us/municipalities/partners_in_energy

McKnight Foundation

Midwest Climate and Energy Program www.mcknight.org

Topic Teams Notes

- **Instructions** - choose a reporter and a note taker (Everyone can fill out post it notes too)

<p>Topic:</p> <p>Team Members:</p>	
<p>What do leading metro cities hope to achieve related to this topic?</p>	<p>High impact projects or policies leading metro cities are launching</p> <ul style="list-style-type: none"> - Ways to help these initiatives “go to scale” metro wide?
<p>Current opportunities for metro cities for this topic</p> <ul style="list-style-type: none"> - Wider trends impacting cities - Opportunities to advance equity 	<p>Current challenges for metro cities for this topic</p> <ul style="list-style-type: none"> - Wider trends impacting cities - Challenges to advance equity
<p>Current resources & networks are cities using while they address this topic?</p>	<p>Additional needed resources, or gaps to fill, so metro cities can succeed together when they work to achieve their goals related to this topic?</p>
<p>Any current or proposed policies that could help or hinder cities’ progress on this topic?</p>	
<p>Policies that could help cities efforts</p> <p>Federal</p> <p>State, Legislature, PUC</p> <p>Regional, County</p>	<p>Policies that could hinder cities efforts</p> <p>Federal</p> <p>State, Legislature, PUC</p> <p>Regional, County</p>

NOTES ON Topic Team Reports

on desired city outcomes, high-impact projects, opportunities/challenges, resources/gaps and relevant state policies

Efficient Buildings (demand side)	Energy Supply (supply side)
Transportation/ Land Use	Resilience/ Health/Adaptation/Equity
Green Economic Development /Equity	Additional topics?
Generating public, City Council & staff support	Generating New/Needed Resources



Alliance for Sustainability

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Sean Gosiewski, Executive Director, Alliance for Sustainability, 612-250-0389 Sean@afors.org

www.allianceforsustainability.com/sustainablecommunities

Linking Citizens and Cities for Sustainable, Resilient Communities

Resilient Cities Energy Lunch Conversation Participants - Thursday January 18 at the McKnight Foundation

Minneapolis

Heidi Ritchie, Senior Policy Aide, Mayor's Office
 Kate Knuth Chief Resilience Officer
 Kelly Muellman, AICP, Sustainability Program Coordinator
 Luke Hollenkamp, Sustainability Program Coordinator

Bloomington

Mary Hurliman Deputy Director of Public Works
 Dwayne Lowman, Council Member
 Tim Sandry & Joe Strommen, Sustainability Commission

Edina

Tara Brown, Sustainability Coordinator
 Mehjabeen Rahman, Green Corps, Member
 James Hovland, Mayor (Invited)

Eden Prairie

Lori Tritz, Chair, Conservation Commission,
 Marisa Bayer Community, Development Coord. (Tentative)
 Nancy Tyra-Lukens, Mayor, (Invited)

Golden Valley

Lynn Gitelis, Environment Commission
 Shep Harris, Mayor (Invited)
 Marc Nevinski, Physical Development Director (Tentative)

Richfield

Maria Regan Gonzalez, City Council
 Jim Topitzhofer, MN Greensteps Coordinator

St. Louis Park

Tim Brausen, City Council Member
 Shannon Pinc, Env & Sustainability Coordinator
 Ryan Griffin & Terry Gips, Env. & Sustainability Commission

St. Paul

Mayor Melvin Carter, (Invited)
 Russ Stark, Council Member
 Samantha Henningson, Legislative Aide
 Kurt Schultz, PED, Sustainable Buildings

Falcon Heights

Peter Lindstrom, Mayor, Mark Miazga, City Council
 Paul Moretto, Community Development (Invited)

Maplewood

Shann Finwall, Environmental Planner
 Nora Slawik, Mayor
 Ted Redmond, Environment Commission

Woodbury

Eric Searles, City Planner,
 Karl Batalden Housing and Economic Development Coord.,
 Jennifer McLoughlin, Sustainability Specialist

Oakdale

Jennifer Hassebroek, Environmental Planner
 Keith Miller, Environment Commission

Apple Valley

Barry Bernstein, Director, Parks and Recreation,
 Mary Hamann-Roland, Mayor (Invited)

Eagan

Jarred Jared Flewellen, Assist. Parks & Recreation Director
 Greg Oxley and Mike Supina, E & E Advisory Commission

Rosemount

Rebecca Higgins, Chair, Environment and Sustainability T.F.
 Anthony Nemcek, Planner

Resource staff

- | | |
|--|--|
| <ul style="list-style-type: none"> • Sean Gosiewski, Alliance for Sustainability, Ex. Dir. • Ross Hammond, P.E., Energy Advisor, Kurt Kimber & Danny Lindholm volunteers Alliance for Sustainability • Kari Cantarero, Alliance for Sustainability, Board • Becky Alexander, & Maureen Colburn, LHB Architects, • Rick Carter, LHB Architects, • Leigh Currie, Senior Staff Attorney, MCEA | <ul style="list-style-type: none"> • Craig A. Johnson, League of Minnesota Cities (Invited) • Phil Muessig, Co-Coordinator, MN GreenStep Cities, • Lola Schonrich & Abby Finnis, Great Plains Institute, • Brendon Slotterback, McKnight Foundation • Ben Rabe Senior Policy Associate, Fresh Energy • Leah Hiniker & Carl Lars Engen, Hennepin County |
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As high ambition cities in a high ambition state, together we can advance local & state clean energy solutions while saving our residents and businesses money, creating great jobs and setting examples for other cities.



League of MN Cities - 2018 Legislative Policies

The LMC 2018 City Policies publication was created with member input and approved by the LMC Board on Nov. 9, 2017. It is the only comprehensive statewide advocacy agenda for all Minnesota cities.

www.lmc.org/page/1/legislative-policies.jsp

SD-63. State Support for Municipal Energy Policy Goals

Issue: The State of Minnesota has adopted an aggressive energy policy focusing on the promotion of energy efficiency and the expansion of renewable energy with the goal of achieving a reduction in carbon generation through reduced use of fossil fuels. Minnesota cities share this goal, as demonstrated by over 100 cities voluntarily participating in the **GreenStep Cities** program

However, already strained budgets and reserves at the state and local level have limited the ability of the state to assist local units of government in furthering specific projects that support the overall state goal. In addition, institutional knowledge and capacity of most cities limits their ability to explore energy efficiency or renewable energy projects, even projects whose energy “payback” could finance project capital costs.

As the **role cities are playing in reducing energy use and developing renewable energy generation** expands, how those efforts are affected by electric utility practices also becomes more important. Utility billing is not consistent between electric utilities, with many using different rate categories, significantly complicating B3 benchmarking reporting and billing transparency. For projects on which a utility provides capital, the length of time over which city projects are amortized can also be extended to the point that energy cost savings are eliminated, even with substantial demand reductions. The application of demand and peak demand rates in repayment schedules can also reduce or eliminate energy cost savings.

Response: The League of Minnesota Cities calls on our legislators and state executive agencies charged with accomplishing the state’s energy policy goals to assist cities, townships and counties with tailored efforts to identify appropriate energy efficiency and renewable energy projects for undertaking at the local level.

Among those tools, the state should:

- Help ensure that reduced energy use results in **reduced energy costs** by addressing problems with amortization timing;
- Have laws that allow and support **utility grant and loan programs**;
- Use proceeds from the **Renewable Development Fund** to support local government projects;
- Provide increased **flexibility for utilities** to work with local government;
- Support development of a **unified electric energy billing** and usage structure that is easily imported into a **B3** Benchmarking tracking system;
- Develop a framework that allows **Property Assessed Clean Energy Programs**;
- Play an increased role in providing a network of charging stations to support a transition to **electric vehicles**;
- Create a **grant and loan** program to offset start-up capital expenses for projects identified where the savings in energy costs can offset capital project costs or where projects are needed to meet energy policy goals;
- Clarify state law so that cities may **use public utility franchise** agreements to advance energy policy goals, and;
- Recognize that **state energy agency technical expertise** needs to be made available to cities at no cost. undertaking at the local level.

Relevant Dockets at the Public Utilities Commission (PUC):

Leigh Currie, Senior Staff Attorney, Minnesota Center for Environmental Advocacy,
(651) 287-4873 lcurrie@mncenter.org

Integrated Resource Plans

In Minnesota, investor-owned electric utilities are required to submit an integrated resource plan (IRP) to the PUC every two years. Through these plans, a utility must show how it plans to meet the needs of its customers over the next 15 years, including the resources it will use to do so. Resources could include using, modifying, and constructing power plants, buying power generated by other entities, controlling customer loads, and implementing customer conservation measures. The resources a utility uses to generate energy has real impacts on climate goals, including on the city level.

Currently open for comment:

17-286 Great River Energy's IRP

Upcoming IRPs:

Xcel Energy's next IRP due February 1, 2019

Otter Tail Power Company's next IRP due June 3, 2019

Minnesota Power's next IRP due October 1, 2019

2017 - 2019 Conservation Improvement Program (CIP) Triennial Plans

CIP is a statewide program funded by ratepayers and administered by electric and natural gas utilities to help Minnesota households and businesses lower their energy costs by using electricity and natural gas more efficiently. Utility CIP Plans establish budgets, energy savings goals, participation goals, programs/projects and their measures, and approved energy savings for each measure.

Currently open for comment:

16-115 Xcel Energy CIP Triennial Plan and 16-116 Ottertail Power CIP Triennial Plan

Siting and Routing of Energy Facilities

The PUC is responsible for making decisions on the siting and routing of energy facilities, including power plants, transmission lines, wind farms, and pipelines. The Commission encourages and utilizes public participation in making these decisions.

Currently open for comment: 17-410 Freeborn Wind Farm Site Permit Application

Submitting Public Comments:

Visit <https://mn.gov/puc/> . Under "For Consumers," select "Submit Comments." Then launch the "Speak Up!" application to view open discussions and add your comment. What to include:

1. The Commission's Docket Number in the subject line or heading
2. Your name and your relation to the docket
3. The specific issues that most concern you
4. Any knowledge you have about the issues
5. Your specific recommendation
6. The reason for your recommendation

Note: Comments are made publicly available and posted to the Commission's website, except in limited circumstances consistent with the Minnesota Government Data Practices Act. The Commission does not edit or delete personally identifying information from submissions.

Tools for Local Government Leadership on Energy and Resilience

State of Minnesota Energy Goals

Many communities adopt the Minnesota energy or greenhouse gas (GHG) reduction goals. Minnesota has set a mandatory 80% GHG emission reduction target by 2050, from a 2005 emission baseline.

- The 2025 GHG reduction target is a 30% reduction from 2005 baseline.
- For renewable energy, Minnesota set an aspirational solar energy target equal to 10% of electric retail sales by 2030. Source: MN Dept. of Commerce, MN Pollution Control Agency

MN climate action plan – Climate Solutions & Economic Opportunities

www.eqb.state.mn.us/content/climate-change

MN Green Step Cities www.mngreensteps.org

Metro CERTS www.cleanenergyresourceteams.org/regions/metro

Great Plains Institute www.betterenergy.org

LoGoPEP Energy Planning Resources www.regionalindicatorsmn.com/energy-planning

Met Council Local Planning Handbook - Resilience www.metrocouncil.org/Handbook.aspx

Met Council workshops and Webinars www.metrocouncil.org/Handbook/Training/Workshops.aspx

Partners in Energy - Xcel Energy with the

Center for Energy & Environment – free energy action planning assistance

www.xcelenergy.com/working_with_us/municipalities/partners_in_energy

Alliance for Sustainability

Planning for Resilient Cities Workshops www.afors.org/sustainablecommunities

Consulting Services available for Cities

Sean Gosiewski, Executive Director Alliance for Sustainability, 612-250-0389 sean@afors.org

www.allianceforsustainability.com/consulting

Ted Redmond, co-founder, Pale Blue Dot 612.669.7056 trdmond@paleblue-dot.org

www.bluedotregister.org/community-services/#Resilient-Cities

- *Community Wide Carbon Base Line Analysis, Climate Action Planning and Solar Feasibility Studies*
- *Community Climate Vulnerability Assessments*
- *Sustainability and the Natural Step Framework Workshops*
- *Community engagement and meeting facilitation using the Technology of Participation*
- *Community Energy, Resilience and Sustainability Planning with a team of experienced consultants.*
- *In-house sustainability trainings for inter-departmental work teams and citizen commissions.*
- *Support for cities launching new Environment & Sustainability Commissions*
- *Community Engagement Tools for Energy Conservation, Water Quality, Recycling, Composting*



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bross@gpisd.net www.betterenergy.org
Abby Finis Great Plains Institute, 612 767-7295
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Maureen Colburn, Project Manager, LHB, Corp.
 612.752.6954 or
maureen.colburn@lhbcorp.com.

LoGoPEP Energy Planning Resources www.regionalindicatorsmn.com/energy-planning

Energy Planning Guide: a basic framework for addressing energy use, energy resources, and energy development in the comprehensive plan process

www.regionalindicatorsmn.com/customer_media/pdf_documents/energyplanningguide_april2017.pdf

- **Energy Planning Workbook:** a step-by-step guide for energy planning from defining existing conditions to setting achievable aspirational goals with proven strategies

http://regionalindicatorsmn.com/customer_media/pdf_documents/energyplanningworkbook_may2017.pdf

- **Solar Calculator:** a tool to help you understand your available solar resources and set your own solar electricity goals

www.regionalindicatorsmn.com/customer_media/pdf_documents/SolarEnergyCalculator_May2017.xlsx

Sample RFP A brief guide on how to incorporate energy and/or climate resilience in a city's request for proposal.

http://www.regionalindicatorsmn.com/customer_media/EnergyRFP2.pdf

Example Local Government Energy Goals

www.regionalindicatorsmn.com/customer_media/pdf_documents/energygoalexamples_september2017.pdf

Wedge Tool www.regionalindicatorsmn.com/wedge/city/2/

Energy Planning Guide: Selecting Strategy Priorities – a framework for understanding and prioritizing local energy strategies:		
Tool Category	Tool Description	Energy Strategy Examples
Encouragement	Public engagement and educational efforts to encourage private sector residents and businesses to take action consistent with the desired goals.	<ul style="list-style-type: none"> • Co-promotion of utility efficiency or renewable energy incentives • Creation and dissemination of energy efficiency educational materials • Engage community in energy goal setting exercise, such as Partners in Energy
Incentives	Financial or regulatory inducements to encourage private sector actions consistent with the desired goals.	<ul style="list-style-type: none"> • Enabling PACE financing • Regulatory incentives within zoning • Expedited permitting • Technical assistance for private sector developments to incorporate net-zero or solar-ready designs
Regulation	Zoning, ordinances, licensing, permitting standards that are designed to require actions consistent with the desired goals.	<ul style="list-style-type: none"> • Requiring energy efficiency or renewable energy within PUD ordinances • Energy benchmarking ordinance • Removing zoning barriers to renewable energy • Adopting an energy stretch code (SB 2030)
Public Demonstration, Leadership	Public investment in and demonstration projects using local energy resources	<ul style="list-style-type: none"> • Participation in GESP • Installing solar on public buildings • Adopting net-zero energy standards for public facilities • Sponsoring a community solar garden for community residents and businesses



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Resilient Cities Coalition Networking Gatherings for City Staff & Commissions

Learn more and sign up to participate at
www.allianceforsustainability.com/resilient-cities

or contact **Sean Gosiewski**, Executive Director, Alliance for Sustainability, 612-250-0389 sean@afors.org



ENERGY ADAPTATION WATER QUALITY HEALTH ACTIVE LIVING FOOD ACCESS ECONOMIC INCLUSION

Spring and Fall 2017 – Resilient Cities Clusters - we convened staff, elected leaders and commission volunteers from **50 metro cities** in Resilient Cities Clusters as they developed the **resilience** sections of their comprehensive plans to share their draft **resilience** goals and strategies for **energy**, adaptation/**water** quality & conservation and **health/economic** inclusion.

June 2017 – staff, elected leaders and commission volunteers from 50 metro cities

- **Met in clusters** of 5 to 10 cities in **Anoka, Dakota, Hennepin** (with Carver and Scott), **Ramsey** and **Washington Counties** in June.
- **Learned from the draft energy action plans** & implementation strategies of other cities participating in **Xcel's Partners in Energy**, or **LoGoPep** www.regionalindicatorsmn.com/energy-planning
- **Connected with resources to map existing conditions**, solar resources, energy use, climate vulnerabilities,

Fall 2017

- **Came back together for a metro wide session** November 9 2017 to further develop the **resilience** sections of their comp plans (including **energy**, adaptation/**water** & **health/equity/economic** vitality)
- **Explored implementation strategies** for their comprehensive plans including identifying new funding sources, technical advisors, community and business engagement strategies and tracking results

Spring 2018 - we will reconvene staff, elected leaders and commission volunteers from **50 metro cities** to

- Share draft **energy** & **resilience** goals and strategies for their 2040 comprehensive plan updates
- Identify **implementation partners, staffing & funding options**, and accountability steps to achieve their goals.
- **Contribute examples and case studies** that other cities can benefit from to the **local planning handbook** <http://metro council.org/Handbook/Plan-Elements/Resilience.aspx>

Hennepin County

Minneapolis (Env. Commission)
Bloomington (PiE) (Env. Commission)
Eden Prairie (LoGoPEP) (PiE) (Env. Com)
Golden Valley (Env. Commission)
Hopkins
Maple Grove
Minnetonka, Brooklyn Park, Osseo
Richfield
Shorewood (PiE)
St. Louis Park (LoGoPEP)
Carver Co. – Chanhassen, Chaska, Carver, Victoria
Scott Co. - Jordan, Belle Plain
Shakopee, Prior Lake

Ramey County

St. Paul (PiE)
Maplewood (LoGoPEP)
Falcon Heights (LoGoPEP)
Roseville (Env. Commission)
Shoreview (Env. Commission)
St. Anthony (LoGoPEP)
White Bear Lake (Env. Comm)

Anoka County

Anoka
Blaine
Coon Rapids (Env. Commission)
Columbia Heights
Fridley (Env. Commission)

Dakota County

Apple Valley
Burnsville
Eagan (Env. Commission)
Rosemount (PiE) (Env. Task Force)

Washington County

Oakdale (LoGoPEP) (Env. Com)
Lake Elmo
Mahtomedi (PiE) (Env. Comm)
Marine, Scandia,
Stillwater
Woodbury
Rice Co. Faribault (PiE) Northfield
Goodhue Co. Redwing (Env. Commission)

MN GreenStep Cities (bold) www.mngreensteps.org **PiE** [Partners in Energy](#) **LoGoPEP** [Local Government Energy Planning Project](#)

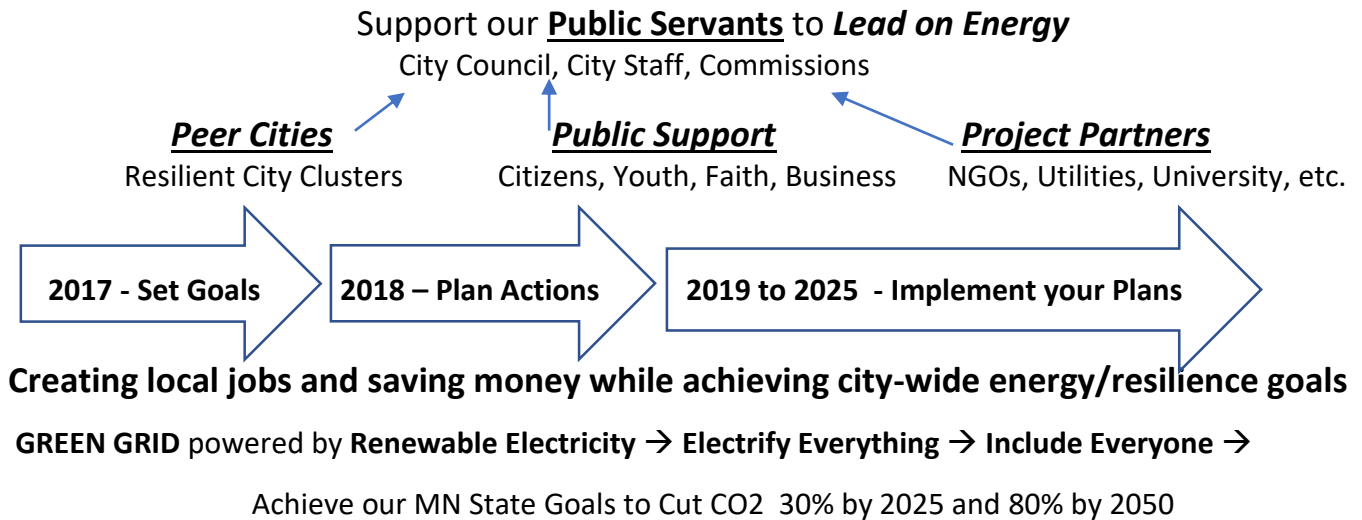


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www.allianceforsustainability.com/sustainablecommunities



Next Steps your city Can Take

1. **Invite us out to speak to your Planning and/or Environment Commission** about great resources for your city can use to include energy & resilience goals in your city's comprehensive plan update.
2. **Include energy/ resilience/ sustainability/ health deliverables in your City's RFP** to hire planning assistance for your City's Comp Plan update – Eden Prairie Example - <http://edenprairie.org/home/showdocument?id=6671>
3. **Plan to attend our next Planning for Resilient Cities** – gathering for Hennepin Co. Cities in May 2017 – date and location TBA – to see sample city energy goals and strategies from Eden Prairie, St. Louis Park, and St. Anthony Village www.afors.org/sustainablecommunities
4. **Integrate high level goals and strategies** in your comp plan in 2017 for energy, resilience, health using the Local Planning Handbook
 - www.metrocouncil.org/Handbook/Plan-Elements/Resilience.aspx
 - LOGOPEP template www.regionalindicatorsmn.com/energy-planning
 - and other helpful planning guides www.afors.org/oct24presentations
5. **Follow up with creating detailed energy/ resilience/ health action plans**, policies, programs in 2018, 2019 and adapting your city's ordinances, zoning and programs to match your new comp plan goals
6. **Implement your community wide energy/ resilience/ health action plans** in partnership with your county, the Alliance, CEE, Xcel Energy, GPI, CERTS, Watershed Districts, NGOs and businesses.
7. **Track your results with the City-wide CO2 data** the Met Council is now working to provide metro cities starting in 2018 on electricity, natural gas and water use, solid waste, and vehicle miles traveled. www.regionalindicatorsmn.com
8. **Adjust your action plans and resources to stay on track** with helping your city achieve our MN Goal to reduce CO2 30% by 2025. www.eqb.state.mn.us/content/climate-change

What could 2050 and 80% greenhouse gas reduction look like?

