



Public Works, Environment and Transportation Commission Agenda

Tuesday, February 20, 2024

6:30 PM

City Council Chambers

Members of the public who wish speak during public comment or an agenda item during this meeting can do so virtually by registering at www.cityofroseville.com/attendmeeting

(Any times listed are approximate – please note that items may be earlier or later than listed on the agenda)

- 6:30 p.m. **1. Roll Call**
- 6:32 p.m. **2. Public Comments**
- 6:34 p.m. **3. Approval of Meeting Minutes**
 - a. Approve January Minutes
- 6:35 p.m. **4. Communication Items**
 - a. Communication Items
- 6:40 p.m. **5. Green Step Cities/Gold Leaf Program**
 - a. GreenStep Cities and Gold Leaf Challenge Overview
- 7:20 p.m. **6. Sustainability Super Meeting**
 - a. 2024 Sustainability Update
- 8:25 p.m. **7. Future Agenda Items**
 - a. Future Agenda Items
- 8:30 p.m. **8. Adjourn**

Roseville Public Works, Environment and Transportation Commission Agenda Item

DATE: February 20, 2024

ITEM: 3.a.

ITEM DESCRIPTION: Approve January Minutes

Background

Attached are the minutes from the January 23, 2024 meeting.

Recommendation

Motion approving the minutes of January 23, 2024, subject to any necessary corrections or revision.

Attachments

1. Draft January Minutes

Roseville Public Works, Environment and Transportation Commission Meeting Minutes

Tuesday, January 23, 2024, at 6:30 p.m.
City Council Chambers, 2660 Civic Center Drive
Roseville, Minnesota 55113

1. Introduction / Roll Call

Chair Ficek called the meeting to order at approximately 6:30 p.m. and at his request, Public Works Director Jesse Freihammer called the roll.

Present: Chair Bryant Ficek; Vice Chair Des Mueller; and Members Jarrod Cicha, Daniel Fergus, Edwin Hodder, Allison Luongo, and Sarah Rudolf

Absent: None.

Staff Present: Public Works Director Jesse Freihammer; and Assistant Public Works Director/City Engineer Jennifer Lowry

2. Public Comments

None.

3. Approval of November 28, 2023 Meeting Minutes

Comments and corrections to draft minutes had been submitted by PWETC commissioners prior to tonight's meeting and those revisions incorporated into the draft presented in meeting materials.

Motion

Member Hodder moved, Member Mueller seconded, approval of the November 28, 2023 meeting minutes as presented.

Ayes: 6

Nays: 0

Abstain: 1 (Rudolf)

Motion carried.

31 **4. Communication Items**

32 Assistant Public Works Director/City Engineer Jennifer Lowry provided a brief
33 review and update on projects and maintenance activities listed in the staff report
34 dated January 19, 2024.
35

36 Public Works Director Freihammer explained the City Council has authorized the
37 new lead Fire Engine be an electric engine and delivered in 2025. He noted the
38 Commission could view the City Council discussion online.
39

40 Member Hodder noted the community solar garden is a matter before the PUC to
41 discuss rates and the City will need to figure out what impact that might have on
42 the community solar garden efforts.
43

44 Mr. Freihammer explained staff has already looked into that and it does not affect
45 the City's solar garden because the program is new enough and is for the programs
46 that subscribed before the City entered into an agreement. This does not directly
47 affect the City, but the City is a part of the Suburban Rate Authority and there are
48 other cities that are a part of that. He knew the Suburban Rate Authority, which sort
49 of represents the City, will be sending a letter opposing some of the changes.
50

51 Ms. Lowry updated the Commission on sustainability items happening in the City.
52

53 Mr. Freihammer noted ethics training will be sometime in early April. He noted the
54 City did get awarded a bike plan grant. This Commission will be a very active part
55 of that.
56

57 Chair Ficek asked regarding the referendum on the maintenance facility, will the
58 City still be going after bonding for that as well.
59

60 Mr. Freihammer explained bonding has never been on the list. This is sales tax
61 based.
62

63 Chair Ficek asked for the January 7th event he wondered how attendance was.
64

65 Ms. Lowry indicated she was not sure.
66

67 Chair Ficek asked regarding the Snelling and County Road B, pedestrian study, is
68 there a schedule coming forward.
69

70 Ms. Lowry explained the City extended that to June. They are at an alternative
71 analysis and stepped back from the group meetings last month. She believed this is
72 intended to be wrapped up by June and planning a public meeting because MNDot
73 is having their next round of meetings for the trunk highway 36 which is February
74 into the first week of March.
75

76 **5. Street Name Policy Draft**

77 Public Works Director Jesse Freihammer explained the City received a request
78 from residents to change the street name of the segment of County Road B West to
79 Cleveland Avenue. This portion is scheduled for reconstruction in 2025.
80

81 Chair Ficek was not sure there is a real solution to what the City Council calls the
82 circular motion where the residents come up with a street name and the City is ok
83 with it and it goes to the County who may decide it is not a good name and then it
84 comes back to the City for further discussion and approvals. He thought if it comes
85 to that the City would need to deal with it then.
86

87 Ms. Lowry did not think the County had a formal process for this so she did not
88 think it would be really hard and she did not see this coming up a lot.
89

90 Member Fergus wondered if the wording could be changed from “The petition must
91 include the new name requested”, it could say “The petition must suggest a new
92 name”. The petitioners would not be signing a petition that states the road will be
93 named “X”, so it is easier to negotiate with the County on a name.
94

95 Ms. Lowry was not sure what the City Attorney said about the signatures, but she
96 did not think they are legally required. She thought it was just to get the buy in.
97

98 Mr. Freihammer agreed and explained it is more or less to demonstrate that there is
99 support. He did not think there is a perfect process for this.
100

101 Member Luongo thought this policy was aimed more for individual homeowners
102 but renaming a street could also affect people living in apartments so she was not
103 sure if they should put in the policy to acknowledge people who live on the street
104 versus people who own the property.
105

106 Ms. Lowry explained staff did talk through that with the City Engineer and left it
107 as property owners and there was a reason for that, but she was not sure about the
108 reason.
109

110 Mr. Freihammer thought legally for a petition the person has to be a property owner
111 but certainly the notification can notify the people in an apartment building so those
112 people can talk to the building owner or come to a meeting to voice their concerns.
113 He thought the wording in section D to read “All property owners and tenants
114 within one thousand feet will be notified...” He noted the tenants would not be a

part of the petition process but would be a part of the notification, including businesses.

Motion

Member Hodder moved, Member Luongo seconded, to recommend the City Council accept the amended changes and approve the proposed Street Name Change Policy.

Ayes: 7

Nays: 0

Motion carried.

6. Public Works Code Updates

Public Works Director Jesse Freihammer explained City staff has been reviewing ordinances and has a variety of public works related updates. He asked for discussion and feedback to give to the City Council.

Bench Ordinance 703.05

Mr. Freihammer reviewed the Bench Ordinance with the Commission.

Member Fergus indicated he was appreciative of the addition of this adjacent to City pathways.

Chair Ficek noted there is a section P in there, relocation of license or permit and he wondered if there was intended to be text behind that one.

Mr. Freihammer thought that was one section that the City Attorney was going to add some language to.

Chair Ficek indicated he also liked the addition for the removal if it expires and not actively being renewed the City can go in and remove it.

Member Luongo thought they were also waiting on some language for ADA compliance because there is a Section J but there was not any wording in that section.

Mr. Freihammer explained the City will clarify some language on that.

Member Rudolf indicated she had a question about Section K versus Section M. The last sentence of Section K says, "Signage shall be affixed only to the street-side portion of the bench backrest" and in Section M it says, "Advertising may be displayed on the front and rear faces of the backrest."

Mr. Freihammer indicated that was a good catch. Staff added Section M to clarify, and he thought Section M clearly conflicts with Section K. He thought staff could

change Section M to state just the front of the backrest because that is what the current ordinance states.

The Commission was supportive of the proposed changes to the Bench Ordinance.

Right of Way Repair & Restoration 707.12

Mr. Freihammer reviewed the Right of Way Repair & Restoration Ordinance with the Commission.

The Commission was supportive of the staff changes.

Water Meters 701.10

Mr. Freihammer reviewed the Water Meters Ordinance with the Commission.

The Commission did not have any questions and was supportive of the changes to the Water Meters Ordinance proposed by staff.

Well Ordinance 801.22

Mr. Freihammer reviewed the proposed changes to the private Well Ordinance with the Commission.

Member Hodder asked how much money it would cost the homeowner to get on the City system.

Mr. Freihammer indicated in most cases the curb stop is stubbed out behind the curb so all the homeowners would have to do is run the line from the curb to the water in the house. He thought it would roughly be five to seven thousand dollars.

The Commission thought 2035 was a fair time limit for homeowners to get on City water.

Fats Oils Grease (FOG) 802.15

Ms. Lowry reviewed the Fats Oils Grease (FOG) Ordinance with the Commission.

Member Luongo asked if there are fines if there is a certain amount of suspended solids if found in an inspection.

Ms. Lowry explained there are only two fines; she thought one was one hundred dollars and the other was one thousand dollars per instance in the fee schedule and these are not based on the amount. However, if there is a backup in the City's system and the City does the repairs or cleans up the spill then the City charges the business for that work. The is a part of the language that will get added to the version going to the City Council.

The Commission concurred with the proposed changes made by staff.

Repair/Abatement, New Ordinance, Chapters 801 & 802

Mr. Freihammer reviewed the Repair/Abatement draft ordinance, Chapters 801 & 802 with the Commission. He noted these two Chapters are new.

7. Lighting Policy

Public Works Director Jesse Freihammer explained the City last updated the lighting policy in 2003. He reviewed the policy with the Commission and asked for feedback and a recommendation to be made to the City Council.

Member Fergus indicated he was in favor of the dark sky lighting and would love it if something were in the policy regarding this when new lighting or replacing lighting. He also thought instead of one hundred percent resident agreement for lighting there should be a percentage of resident agreement because not everyone is going to agree on getting new lights installed and where. He noted he was also in favor of the different uses and different spacing on land residential versus commercial.

Vice-Chair Mueller concurred with what Member Fergus stated.

Member Rudolf explained she was supportive of having the separation between the three divisions Mr. Freihammer mentioned about residential, commercial, and special district. She also wondered as a female walking around, there are certain areas that are really dark, and she was not expecting the City to pave her walking route with streetlights, but she also wondered if there was a way to consider the really dark spaces and having the opportunity of considering a space. She thought that generally what exists seems reasonable.

Mr. Freihammer explained that the Parks Department has their own lighting policy for the parks, and this does not really apply to parks. This is really regarding public right-of-way.

Member Luongo wondered if there should be something in the policy regarding lighting trails.

Mr. Freihammer explained there could be, there is not currently, but if the City decided to light the trails it would be a huge cost that is not really considered right now.

Member Rudolf wondered if it would make sense to consider one or two sentences of language that staff stated a few times during this presentation which is about the City strives to balance a sense of safety with fiscal responsibility but also like environmental responsibility with the dark skies piece. Really seeking to strike that balance.

Mr. Freihammer thought that was a good idea, maybe a type of mission statement.

Chair Ficek thought the City should be looking at the intersections and curves. To him that is a safety issue. The mid-block light should not be automatic and should be a request for people, he thought this should be a darker sky. He wondered if people could request lighting can people also request to remove mid-block lighting and make it darker. Should that be in there. Another thought he had is there should be a difference between commercial and residential. He wondered what happens to streets that have residential on one side and commercial on the other.

Mr. Freihammer indicated the City does not have much of that but could try to add language to clarify that.

Chair Ficek thought regarding the midblock petition, the one hundred fifty feet within the light is a high burden and one person could crash that. He wondered if it should be more two-thirds or three quarters. He thought the one hundred percent would be hard to get any group to agree to.

Mr. Freihammer noted the City staff works with Xcel as much as possible to put the lighting where it would benefit everyone.

Member Hodder thought it made sense to see what the need would be or just to assess what the City is missing. He thought that would be a good first step.

Mr. Freihammer appreciated the Commission feedback and will help staff draft something to present to the City Council.

8. Future Agenda Items

Discussion ensued regarding the February 20, 2024 PWETC agenda:

- Sustainability Super Meeting
- Mowing Ordinance Discussion
- Pollinator Update/Issues

Mr. Freihammer also reviewed possible topics for the March and April meetings.

9. Adjourn

Motion

Member Hodder moved, Member Fergus seconded, adjournment of the meeting at approximately 8:42 p.m.

Ayes: 7

Nays: 0

Motion carried.

Roseville Public Works, Environment and Transportation Commission Agenda Item

DATE: February 20, 2024

ITEM: 4.a.

ITEM DESCRIPTION: Communication Items

Background

At each commission meeting, City staff provides updates on City activities and projects ongoing within the city that pertain to public works activities.

Recommendation

Receive report and provide feedback.

Attachments

1. Communications Memo
2. Sustainability Newsletter January/February 2024
3. 2024 Roseville Project Map
4. February Development Activity Report



Public Works Department

Memo

To: Public Works Environmental and Transportation Commission Members

From: Jennifer Lowry, City Engineer

Date: February 15, 2024

Re: Communications Items

The following are updates to projects and other activities happening in Roseville since the last commission meeting:

Roseville Public Works project updates:

- McCarrons Retaining Wall Replacement
 - The project was awarded to Veit & Company, Inc., on February 12, 2024.
- County Road B Reconstruction west of Cleveland
 - The project plans, which include the 2024 PMP mill and overlay roads, are nearing completion and are anticipated to be bid in March after Council approval.
- Long Lake Lift Station
 - Project has been awarded and is awaiting a schedule from the contractor.
- Willow Pond Outlet Structure Repair
 - Construction is complete.
- County Road B Reconstruction from Snelling to Lexington (Ramsey County)
 - The County has bid the roadway work which includes our watermain replacement and is coordinated with Xcel gas replacement.

Other agency project updates:

- Th 36 Multimodal Study from I35W in Maplewood (MNDOT)
 - Alternatives to be presented to public in early March.
- Dale Street 4-3 Conversion from Lovell into St Paul (Ramsey County)
 - Plans going to bid soon for construction this year.
- County Road C from Lexington into Little Cananda (Ramsey County)
 - Project team meetings have begun. Public engagement begins this spring. Construction planned for 2026.

Council Updates:

- Below is a highlight of items recently presented to and/or acted on by the City Council. More information can be found in the agenda packets and minutes for the referenced Council meetings:
January 22
 - Discussed Green To Go Ordinance Engagement Strategy

- Received Stormwater Update
- Discussed Community Survey

January 29

- Accepted Public Improvements Related to the Rose Place Townhomes Public Improvement Contract
- Approved City Support of Rice Creek Watershed District State Bonding Request for Jones Lake Project

February 12

- Discussed Street Lighting Policy
- Discussed City Council and Advisory Commission Rules of Procedure
- Discussed City Commissions Scope, Duties, and Functions
- Approved Contract for South McCarrons Retaining Wall Project 22-22

Engineering Updates:

- Interviewing candidates for Engineering, Environmental and Sustainability internships.
- We have received a letter of intent to confirm receipt of our application and approval to participate in Metropolitan Council's 2024 State Bond Funded Municipal Inflow and Infiltration (I/I) Grant Program. It is an estimated reimbursement amount of \$212,500 which we use to perform sanitary sewer improvements that mitigate ground/stormwater from entering the sewer system.
- As we verbally shared last month, Roseville was awarded an Active Transportation Planning Grant from MnDOT for creation of a Bike Plan. More details on next steps will be provided to PWET in the near future.
- The City will remove three City-owned bus shelters on Larpeur at Hamline, Lexington, and Fernwood in late March/early April. At Fernwood, Metro Transit will install and maintain a Metro Transit shelter. At the other locations, we will install a bench and maintain trash cans.

Sustainability Updates:

- Sustainability Specialist Noelle Bakken presented at the January Roseville Business Council meeting about sustainability resources for local businesses, including solid waste and recycling grants and opportunities in the Inflation Reduction Act.
- Public Works and Community Development staff selected three winners out of ten applicants for the 2023 Sustainable Steward annual recognition award and presented the winners to EDA on January 22.
- Staff provided City Council with an update on January 22 on regional "Green To Go" takeout container ordinances and presented an engagement plan for approval. Council approved Green To Go engagement plan.
- Staff continues to work with Roseville Fire to identify funding opportunities for the recently approved purchase of an electric fire truck.
- Staff continues to connect with Roseville residents regarding the City's climate action work, including advocacy group Resilient Roseville.

Maintenance Updates:

- Street and Storm
 - Plowed 7 inches of snow for the Valentine's Day snow event on 2/14. This doubles our snow total for the year to 14.5 inches.

- Completed 3 months of trimming/pruning City boulevard trees.
- Ongoing repair and replacement of street signs.
- Continue compost site turning and maintenance.
- Assisted with 4 water break repairs and managed Ramsey County Kent Street site with St. Paul Regional Water.
- Continued storm sewer inspections and maintenance.
- Water and Sanitary Sewer
 - Continue to work with owners of private hydrants that are in need of repairs.
 - Continuing inspections for water service line inventory.
 - Repaired four water main breaks.
 - Started 2024 sewer cleaning.
 - Started 2024 large valve exercising.
 - Nearing completion of SCADA/fiber upgrades at Booster Station and installation of new SCADA computer.
 - Continued underground locates, weekly lift station inspections, collection of water samples, and replacing water meters and MIUs.



Sustainability Newsletter

Public Works &
Engineering Division

JAN/FEB 2024



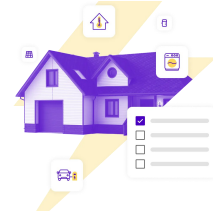
Sustainability Tip
of the Month—
Reduce Plastic



State Electric Vehicle
Rebates Opening



Why is this winter so
weird?



Personal Electrifica-
tion Planner Tool

Contact Us:

Noelle Bakken
2660 Civic Center Dr.
Roseville, MN 55113
651-792-7057
[Email Us](#)
[Find us Online!](#)

Inside this issue:

Sustainability Tip

MN EV Rebates

Weird Winter

Electrification Planner
Tool

Upcoming Events

Good Climate News

Sustainability Tip of the Month—Reduce Plastic Use

Though it seems nearly impossible to completely eliminate plastic in our lives, there are many ways to reduce how much of it we use. Roseville has a team for the **February Plastic-Free Challenge** organized by Ramsey, Washington, and Hennepin Counties. **Join our team** to learn about ways to cut back on plastic!

If you'd rather not join our illustrious team, here are a few other tactics you can use to reduce plastic usage in your life:

- If you use plastic sandwich bags, try **replacing them with a reusable silicone option.**
- **Explore the bulk bins at your grocery store** and try purchasing one or two products from there instead of a pre-packaged version.
- Zero waste options for personal care products like shampoo, deodorant, and others are becoming more available. **Replace one of your products with a zero or low-waste option:** something in a plastic-free container, a solid product instead of a liquid product, or a product with refillable packaging.
- **Support businesses participating in MNimize,** a program to reduce single-use plastic at food service businesses, or other local businesses you know that are working to reduce plastic.
- **Most importantly, learn about recycling and spread the word!** Only about 9-10% of plastic is actually recycled, and much of that is due to recyclable plastic going into the trash. Learn what plastics your community accepts so you can successfully recycle. (Roseville's recycling accepts plastics #1, 2, and 5, and no black plastic)



State Electric Vehicle Rebates open February 7

The MN Department of Commerce Electric Vehicle (EV) Rebate Program opens for applications at **10 a.m. Wednesday, February 7, 2024**. The State of Minnesota has limited funds for EV rebates. When the program launches on February 7, completed applications will be reviewed on a first-come, first-served basis.



What EVs qualify?

- Vehicles may be new or used.
- Vehicles must be either electric or plug-in hybrid.
- Vehicles must be purchased or leased **on or after May 25, 2023**.
- Vehicles must be titled in Minnesota.
- New vehicles must have base MSRP of \$55,000 or less, excluding taxes and fees. Used vehicles must have a purchase price of \$25,000 or less.

How much money can I get for my EV?

- Rebates are up to \$2,500 for new EVs.
- Rebates are up to \$600 for used EVs

Is there an income requirement to be eligible for an EV rebate?

- No, there is not an income eligibility component to the EV rebate program.

More information and a link to the application (when live) will be available at the [Department of Commerce EV website](#).

What's with this weird winter?



Photo by [Gemma Evans](#) on [Unsplash](#)

Whether you're a winter sports enthusiast or a winter "stay inside" enthusiast, you've probably noticed that this winter has been a little...odd. In fact, while the weather seems mild, it's been historically warm—if we were experiencing a heat wave of this intensity in summer rather than winter, conditions could potentially be life-threatening.

So what's happening? First, **we are currently experiencing a strong El Niño**, which means warm ocean surface temperatures in the Pacific Ocean affect regular weather patterns. These conditions are currently keeping cold air confined to northern Canada. El Niño and its counterpart, La Niña (where ocean surface temperatures are colder than usual), typically occurs semi-regularly.

However, combine El Niño with **the effects of climate change—which are already making Minnesota winters milder overall**—and we are now experiencing *extra*-warm conditions. Additionally, the effects of climate change can increase the frequency of strong El Niño episodes.

A great resource to follow is the [State Climatology Office's Climate Journal](#), which typically provides at least a few updates per month about what's happening with weather. [Their latest entry](#) provides an overview of the bizarre winter we've been having, and the [January 2024 recap](#) also talks about the surprising lack of sunny days in what is usually one of Minnesota's sunnier months.

Check out the [WCCO story featuring Roseville's Public Works' experience](#) with the lack of snow this winter!

City of Roseville Public Works & Engineering

Events and Resources

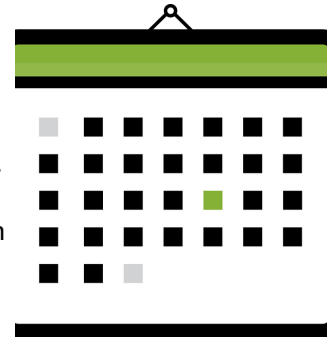
Solar 101—Twin Cities Area Solar Co-op Makes Rooftop Solar More Affordable. Learn how joining a co-op when installing rooftop solar can save money. Hosted by Solar United Neighbors—[more information here](#) and [registration here](#). **Tuesday, February 13th, 6:30pm on Zoom.**

February Sustainability Super Meeting! We will provide an annual overview of our sustainability work and look ahead to our 2024 goals at the Public Works, Environment, and Transportation Commission meeting. Join us for an engaging discussion on **February 20th, 6:30pm** in the Roseville City Council chambers!

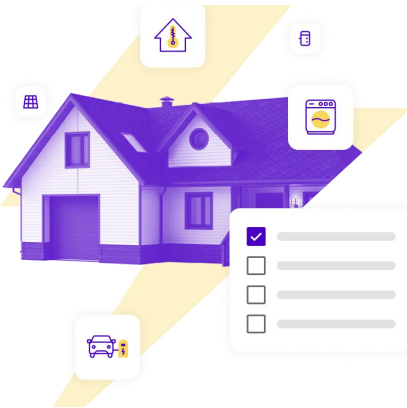
Resilient Roseville winter talks: “A Busy Person’s Guide to Sustainable Living.” - The next session on **Sunday, April 6** hosts Gregory Goodwine from Ramsey County, who will discuss **“The Six Rs: Reduce, Reuse, Recycle, Refuse, Repair, and Repurpose.”** Sessions are at the **Ramsey County Library Roseville Branch, 1:30pm-2:30pm.** Free!

Lawns to Legumes cost share applications open for Fall 2024! [Learn more about the program](#) and submit an application. Applications are due May 15th.

Don’t forget that our watershed districts also have grant programs! Check our [Less Mow May](#) landing page for a link to a watershed map and links to each district’s grant program.



Rewiring America Personal Electrification Planner



Rewiring America is already the creator of our favorite [Inflation Reduction Act Calculator](#), and now they’ve created a new and handy tool for homeowners preparing to electrify their homes.

The “**Personal Electrification Planner**” gives you a roadmap for what order different projects could be taken on, including any pre-work like making sure your home electricity is ready for a higher electric load.

The planner tells you **what incentives are available** for each project, **the impact it could have on your electricity bills**, and the **up front cost** for having the work done.

To get started, set up a free account at Rewiring America, enter in basic information about your home, heating/cooling system, some of your appliances, your vehicle, and household income information (which provides them with the information needed to calculate available incentives based on your income level). From there, it will generate a comprehensive project plan.

Do you rent a home or apartment? Rewiring America has created an [electrification guide for renters](#) too!

City of Roseville Public Works & Engineering

Positive Climate News



113 year old St. Paul house goes all electric! - Read a homeowner's experience with converting an older home into an energy efficient, emission-free home. A fantastic read for anyone who aspires to do the same in their home!

New York will replace gas pipelines to pump clean heat into buildings—New York state is working on 13 pilot projects to transform underground natural/fossil gas pipelines into underground geothermal networks that work on a neighborhood scale. The Natural Gas Innovation Act passed in Minnesota in 2021 created a framework for utilities to develop innovation projects like this, including networked geothermal/district energy projects.

Solar fence stops snow and generates electricity—Minnesota Department of Transportation is testing a snow fence embedded with 6" wide solar panels. So far, testing shows the 100-foot section produces enough electricity per day to power approximately one household (20 to 30 kilowatts). Scaled up to a mile, it could potentially power 50 homes.

Optimism About Minneapolis for the New Year, and Beyond—while this Streets.MN article is written specifically about Minneapolis, the city's policy influence has spread across the Twin Cities metro and beyond. A hopeful look at how we are making improvements.

Thank you from your Roseville Sustainability Team!

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Noelle Bakken

Sustainability Specialist

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2024 All Projects

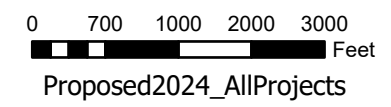


Prepared by: Engineering Department
12/27/2023

- City Roadway Reconstruction
- City Roadway Mill & Overlay
- County Roadway Project
- MnDOT Roadway Project
- Signal Improvement
- New Pathway
- Pathway Maintenance
- Parking Lot
- Retaining Wall
- Watermain Replacement
- Sanitary Sewer Project
- Street Light Project

Data Sources
* Ramsey County GIS (12/05/2023)
* City of Roseville Community Development
* City of Roseville Finance Department

DISCLAIMER:
This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown, and is to be used for reference purposes only. The City does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and the City does not represent that the GIS Data can be used for navigational, tracking or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. If errors or discrepancies are found please contact 651-792-7075. The preceding disclaimer is provided pursuant to Minnesota Statutes §466.03, Subd. 21 (2000), and the user of this map acknowledges that the City shall not be liable for any damages, and expressly waives all claims, and agrees to defend, indemnify, and hold harmless the City from any and all claims brought by User, its employees or agents, or third parties which arise out of the user's access or use of data provided.



Proposed2024_AllProjects

ROSEVILLE COMMUNITY DEVELOPMENT DEPARTMENT					
Updated: February 1, 2024					
	Project Name	Address	Project Description	Applicant/Owner Information	Starting
RESIDENTIAL	The Enclave	201-261 McCarrons Pl	20 detached townhomes	Ovation Homes	Summer 2021
	Parallel Apartments	1415 County Road B	89 unit apartment building		Fall 2023
	Residential New Construction	2239 Cleveland Ave	New single family home	Bald Eagle Builders Inc	Fall 2022
	Residential New Construction	1882 Brenner Ave	New single family home	O’Meara Custom Building Inc	Fall 2022
	Residential New Construction	3092-3094 Victoria St	New townhome	Twin Cities Habitat for Humanity	Summer 2023
	Residential New Construction	2387 County Road B	New single family home	Creative Homes	Summer 2023
	Residential New Construction	2444-2454 County Road D	New townhomes	JT MEZZ Construction LLC	Summer 2023
	Residential New Construction	1254 County Road B	New duplex	Restoration Professionals	Summer 2023
	Residential New Construction	2415 Laurie Ct	New single family home	Creative Homes Inc	Summer 2023
	Residential New Construction	251 Capital View Cir	New single family home	Ovation Homes	Winter 2023
	Residential New Construction	2172 Eustis St	New single family home	Creative Homes Inc	Fall 2023
	Residential New Construction	2179 Eustis St	New single family home	Creative Homes Inc	Fall 2023
	Residential New Construction	841 Brenner Ave	New single family home	Lee Homes Inc	Fall 2023
RETAIL	Shell Tenant Space 712	1595 Highway 36 #712	Interior Remodel	P.R.M. Contracting	Summer 2023
	Shell Tenant Space 665	1595 Highway 36 #665	Interior Remodel	P.R.M. Contracting	Summer 2023
	Rosedale Center South Wing	1595 Highway 36	Demo of South Wing Entry	VCC LLC	Fall 2022
	Old Panera Bread	1595 Highway 36 #940	Interior Demo	P.R.M. Contracting	Summer 2023
	Old Granite City	1595 Highway 36	Interior Demo	VCC LLC	Summer 2023
	Rocco	1595 Highway 36	Interior Remodel	P.R.M. Contracting	Summer 2023
	SSAB Office	2500 County Road B	Interior Remodel	RAK Construction Inc	Summer 2023
	Dicks Sporting Goods	1675 Highway 36	Footing & Foundation	VCC LCC	Summer 2023
	Verizon Wireless	2325 Fairview Ave	Tenant Remodel	Summit Properties and Development	Summer 2023
	M & M Mortgage	1700 Highway 36	Interior Remodel	Encompass Properties LLC	Fall 2023
	JLL	1595 Highway 36	Exterior Remodel	Cy-Con Inc	Spring 2024
	Garage	1595 Highway 36 #840	Interior Remodel	Elder-Jones Inc	Spring 2024
	Lenscrafters	1595 Highway 36 #920	Interior Remodel	Tom Rectenwald Construction	Winter 2023
NON-RETAIL/OFFICE	MnDOT Waters Edge	1500 County Road B2	Mechanical upgrades	Versacon Inc	Fall 2023
	HomeI Realty Management	2924 Snelling Ave	Demo Swimming Pool and Sauna	Home Improvement Shop	Spring 2023
	Rosedale Tower	1700 Highway 36	Common Area Remodel	Encompass Properties LLC	Summer 2023
	Salvation Army	2445 Prior Ave	Interior Remodel	Green Construction Services	Summer 2023
	Everyday Church	2420 Cleveland Ave	Interior Remodel of former LA Fitness	Zeman Construction	Fall 2023
	Roseville Estates	2735-2755 Rice St	Demo old parking structure, add parking and garages	Welsh Construction	Fall 2023
	Eaglecrest Apartments	2945 Lincoln Dr	Remodel	Window World	Summer 2023
	Bimbo Bakery	2745 Long Lake Rd	Interior Remodel	Montgomery Brinkman	Summer 2023
	Rebiotix	2680 Patton Rd	Interior Alteration	McGough Construction Company	Fall 2023
	Herself Health	2401 Fairview Ave	Interior Remodel	The Bainey Group Inc	Fall 2023
	Kargo Delivers	2500 Cleveland Ave	Interior Remodel	Tile MSP DBA Dandy	Spring 2024
	MN Milk Bank for Babies	2833 Fairview Ave	Interior Remodel	Guptil Contraction Inc	Spring 2024
	Community Autism Therapy Center	2361 Highway 36	Interior Remodel	Fixed Assets Inc	Spring 2024
	Horton Incorporated	2565 Walnut St	Interior Remodel	Bauer Design Build	Spring 2024
	Minnesota Construction Law	3030 Centre Pointe Dr #100	Interior Remodel	J.G. Hause Construction Inc	Spring 2024
	Centro Restaurant Group	1901 Highway 36	Interior Demo	Lucky Seven LLC	Winter 2023
	Fairfield Inn	3045 Centre Pointe Dr	Interior Remodel	Fairfield Inn	Winter 2023
	Twin Lakes IV	2778 Cleveland Ave	Interior Remodel	The Bainey Group	Winter 2023

Roseville Public Works, Environment and Transportation Commission

Agenda Item

DATE: February 20, 2024

ITEM: 5.a.

ITEM DESCRIPTION: GreenStep Cities and Gold Leaf Challenge Overview

Background

Minnesota GreenStep Cities is a voluntary challenge, assistance and recognition program to help cities achieve their sustainability and quality-of-life goals. This free, continuous improvement program, managed by a public-private partnership, is based upon a menu of 29 optional best practices. Each best practice can be implemented, as decided by city elected officials, staff and community members, by completing one or more actions at a 1, 2 or 3-star level, from a list of four to eight actions. These voluntary actions are tailored to all Minnesota cities, focus on cost savings and energy use reduction, and encourage civic innovation.

Roseville is one of 147 cities and tribal nations throughout Minnesota participating in the GreenStep program. Participating communities can achieve 5 levels (steps) of recognition. Roseville joined the program in July 2014, achieved step 4 in 2020, and has achieved and maintained Step 5 since 2021. Maintaining Step 5 requires a community to show continued improvement on at least three of many community metrics related to energy usage, transportation, and environmental management.

The Gold Leaf Challenge is a new addition to the GreenStep Cities program, developed with an advisory committee on which Roseville staff served in 2022, and piloted in 2023 with 11 Minnesota communities. This program introduces 44 new high-priority, high-impact actions focusing on local climate action. Roseville participated in 2023 as one of the 11 pilot communities.

Recommendation

Receive a presentation from Minnesota Pollution Control Agency staff about the GreenStep Cities Program and Gold Leaf Challenge.

Attachments

1. Presentation



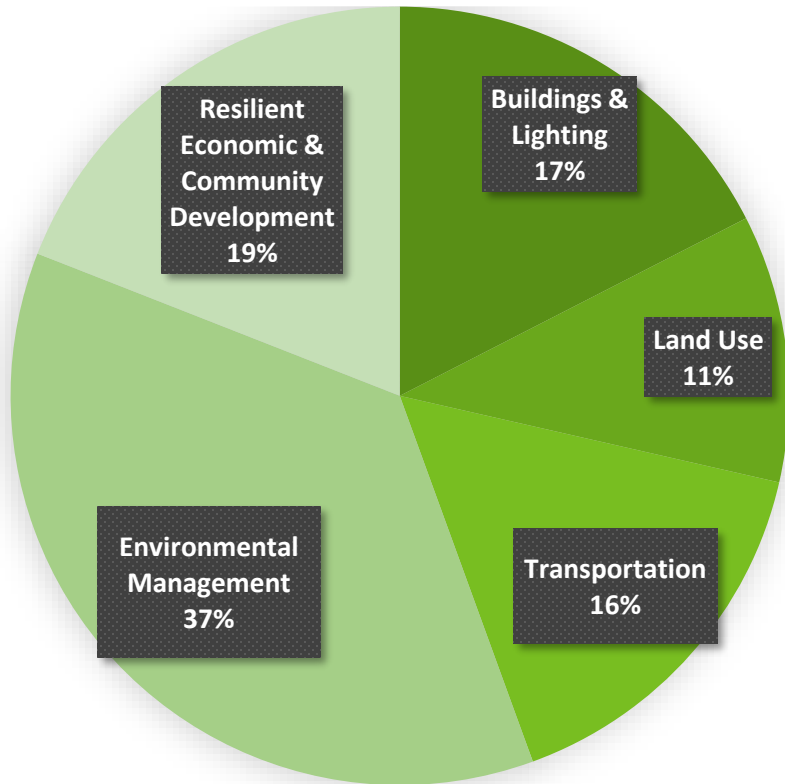
Minnesota **GreenStep Cities**

A challenge, assistance & recognition program for taking more sustainable actions

Kristin Mroz, MPCA - GreenStep Cities & Tribal Nations Co-Director

Eliza Messinger – GreenCorps Member

Roseville GreenStep Status



Current Distribution of Green Step Best Practice Categories

Joined: July 2014

Status: Step 5

Category A City

Total Best Practices (BPs) Completed: 22

Total BP Actions Completed: 63

[Roseville GreenStep Cities page](#)

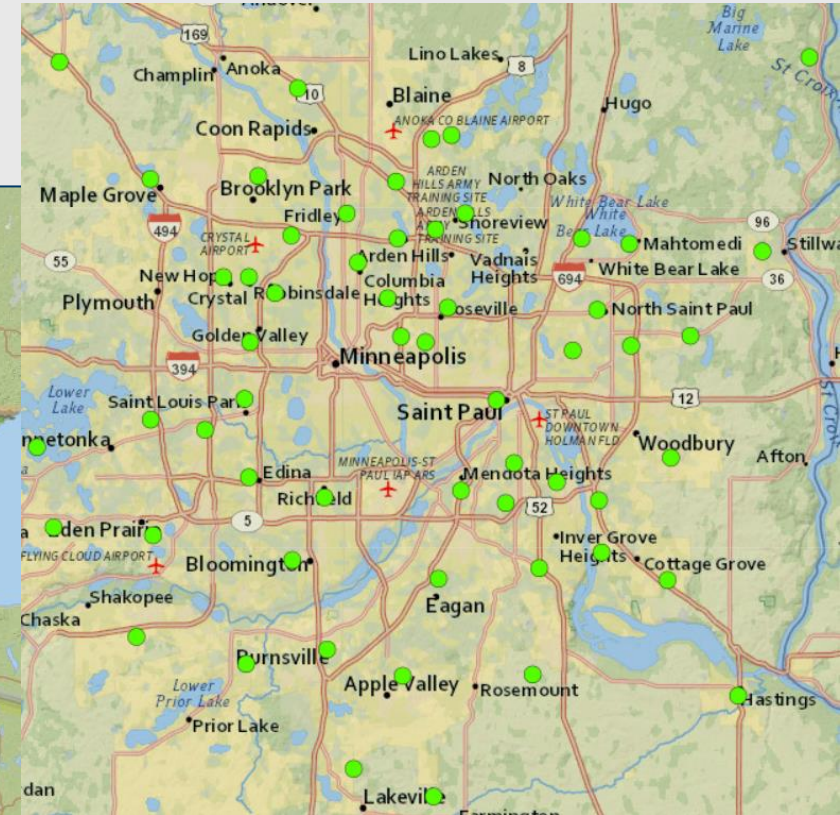
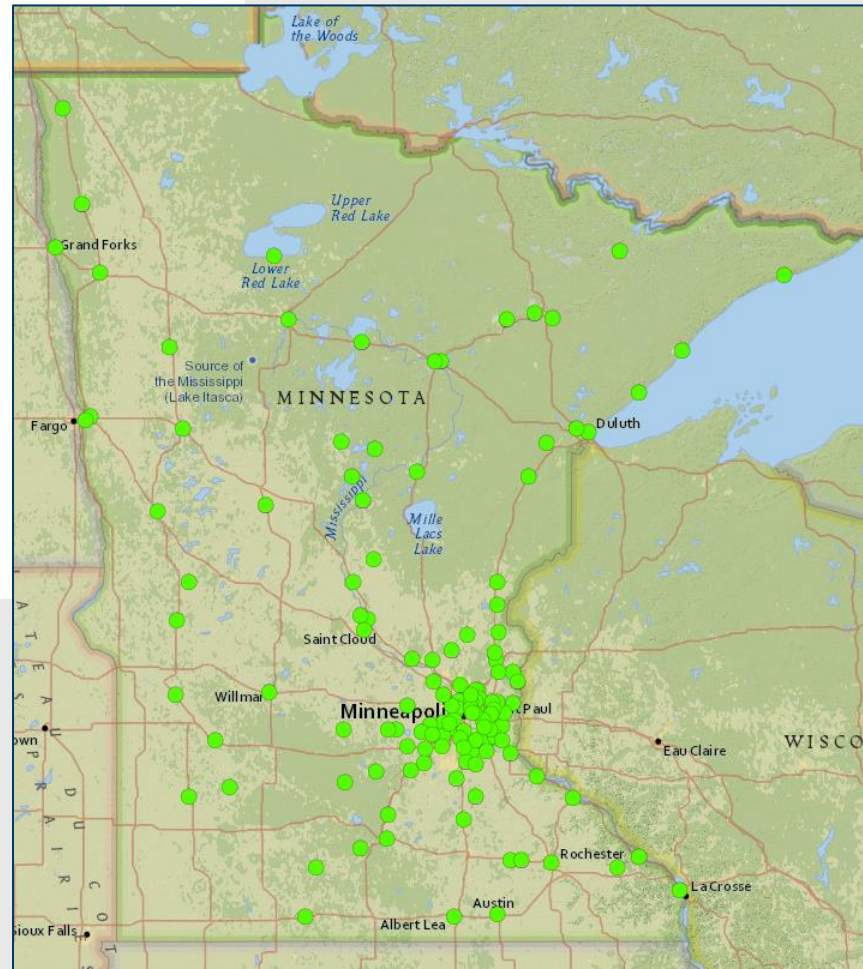
[Roseville Assessment File](#)

MN GreenStep Program

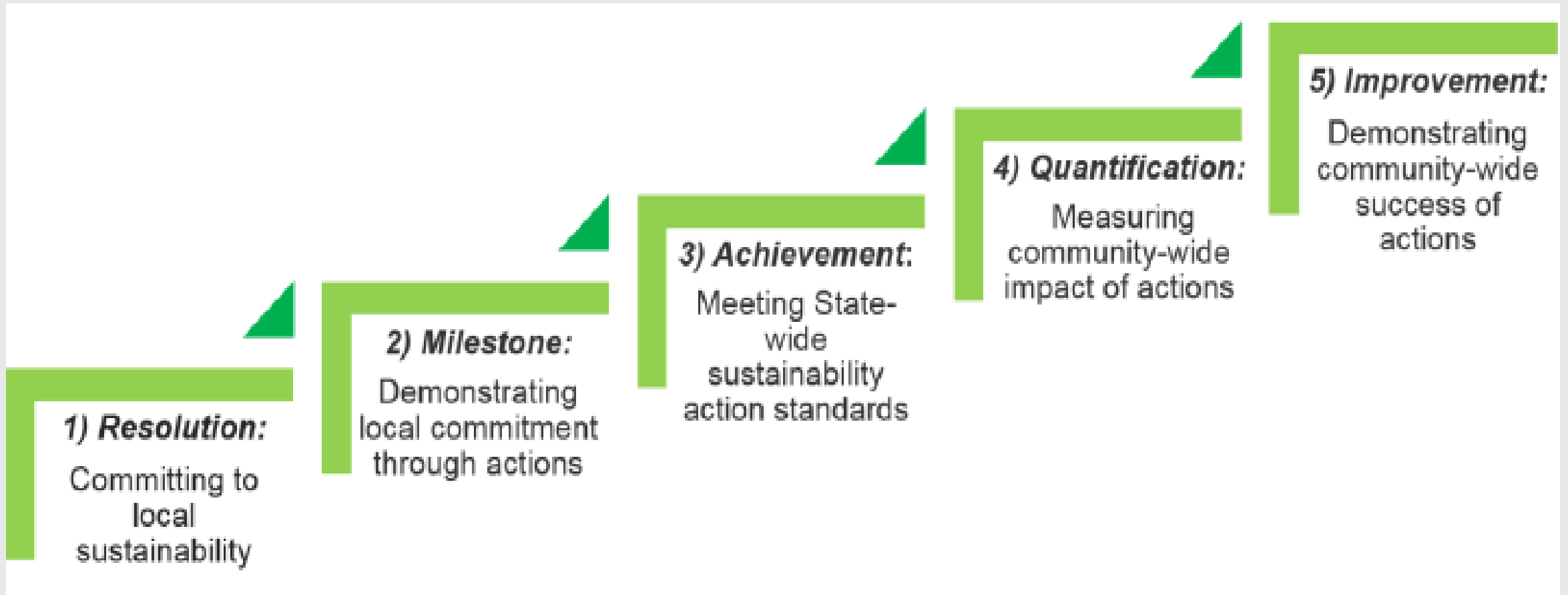
147 Communities



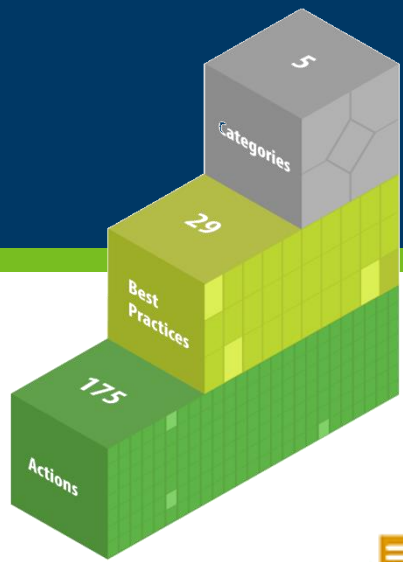
www.MNGreenStep.org



The Steps



Best Practice Actions



29 Best Practices, 181 Possible Actions

- 4,931 actions to date



Buildings and Lighting

1. Efficient Existing Public Buildings
2. Efficient Existing Private Buildings
3. New Green Buildings
4. Efficient Outdoor Lighting and Signals
5. Building Redevelopment



Land Use

6. Comprehensive, Climate and Energy Plans
7. Resilient City Growth
8. Mixed Uses
9. Efficient Highway- and Auto-Oriented Development
10. Design for Natural Resource Conservation



Transportation

11. Living Streets
12. Mobility Options
13. Efficient City Fleets
14. Demand-Side Travel Planning



Environmental Management

15. Sustainable Purchasing
16. Urban Forests & Soils
17. Stormwater Management
18. Parks and Trails
19. Surface Water
20. Efficient Water and Wastewater Systems
21. Septic Systems
22. Solid Waste Prevention and Reduction
23. Local Air Quality



Resilient Economic & Community Development

24. Benchmarks and Community Engagement
25. Green Business Development
26. Renewable Energy
27. Local Food
28. Business Synergies
29. Climate Adaptation and Community Resilience

Best Practice Action 22.1

GreenStep City Best Practices: Environmental Management
Sustainable Consumption and Waste No. 22
Increase waste prevention, reuse and recycling, moving to a lower-consumption, more cyclical, biological approach to materials management.

Best Practice Action 1

[Back to best practice page](#)

Improve city operations and procurement to prevent and reuse, recycle and compost waste from all public facilities (including libraries, parks, schools, municipal health care facilities), and minimize use of toxics and generation of hazardous waste.

Implementation Tools

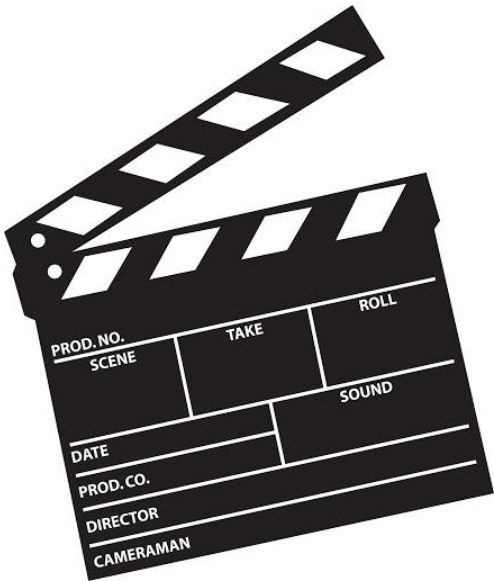
Star-level Examples

- ★ Measure/audit waste generated; adopt goals for reducing the generation of overall solid waste; goals for diverting a percentage of overall solid waste into recycling or organics collection; goals for specific waste streams such as public works waste, disposable cafeteria ware, waste from parks. Note that some cities entered, before 2018, completion of this action under BPA 22.2
- ★★ Describe actions taken, such as refurbishing office equipment, reusing building materials, increasing e-commerce, getting off junk mail lists, collecting organic material and beverage containers from parks.
- ★★★ Report measures that show goals were met by the reduced amount of waste generated, the increased amount of waste diverted into recycling and organics collection.

Greenstep Advisor



Melissa Wenzel, Built
Environment Sustainability
Administrator, Minnesota
Pollution Control Agency,
651/757-
2251, melissa.wenzel@state.mn.us,



Best Practice Action 2

[Back to best practice page](#)

Conduct an Active Living campaign such as a Safe Routes to School program.

Implementation Tools

Star-level Examples

- The Albert Lea [Blue Zones](#) project is about making the healthy choice the easy choice.
- The [Hennepin Active Living Program](#) has numerous planning and policy documents and other resources to help a city start an active living program in their own community.
- [Rural Active Living Assessment Tools](#) (Robert Wood Johnson Foundation: 2009).
- [Prevention Minnesota](#), an initiative to make Minnesota a healthier place to live and work during the next decade, promotes [SHIP](#) - State Health Improvement Plan - interventions and funding through county health boards, and the MN Dept. of Health [physical activity program](#).
- [Communities for a Lifetime](#) resources from the MN Board on Aging are available to cities to help transform the physical infrastructure of communities, including housing, mobility options and accessible public space.
- MN Dept. of Transportation [Safe Routes to Schools](#) resources and annual funding.

Who's doing it

Royalton - ★★☆☆

Date action report first entered: 04/24/2019

Date of last report update: 04/24/2019

Year action initially completed: 2017

Implementation details:

We provide the flier to locally owned businesses for them to share with their customers and encourage city departments to shop local unless the item needed is not available locally.

Outcome measures/metrics/money saved:

Keeping our local businesses viable.

Descriptive File: [view file](#)

Descriptive links:

https://www.royaltonmn.com/vertical/sites/%7BF29AE369-80CF-4CFB-BE87-851B6F04B18E%7D/uploads/Lighting__Ord._51.pdf

For more information contact:

Andrea Lauer (Elected official) | mayor@royaltonmn.com | 320-630-2229

Partners: Local businesses

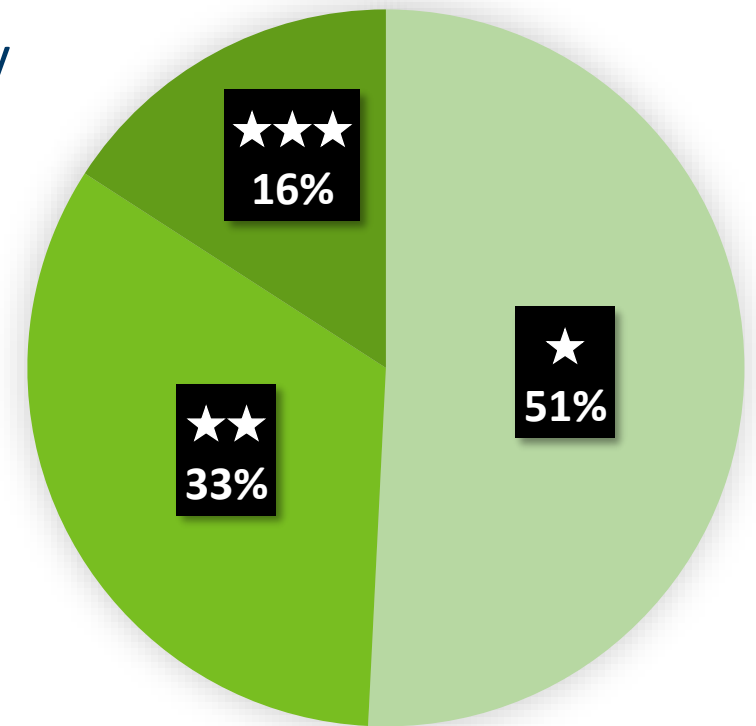
[View All Royalton Actions](#)

Apple Valley - ★

Fergus Falls - ★

Notable Actions in Roseville

- **Green Remodeling Plan Book, nationally recognized**, is for interior and exterior homes, historic remodeling, and has recommendations and tips for sustainable and financially savvy home updating (revised in 2016)
- **New fire station equivalent to LEED silver**, with geothermal heating, maximum use of daylight
- **A Water Sense Partner city**, working with the EPA to conserve water
- **Code requires bicycle parking** spaces equal to 10% of the automobile parking requirement
- **Code permits chicken coops** in residential zones
- **5% reduced fuel and electricity use** in city fleet due to electricity efficiency, efficient driving habits, no-idle policy; police reserve unit uses bicycles and ATV's



**Current Distribution of
Star Ratings**



GreenStep Cycle

Taking the Next Steps – 4 & 5

Steps 4 and 5 focus on metrics – what are the outcomes of all of the actions that the city has implemented over time?

- **Step 4:** Measure and report a minimum number of core and optional metrics for the previous calendar year or the most recent available data.
 - Category A communities: In addition to the CORE metrics, include 5 additional metrics of choice.
- **Step 5:** Demonstrate improvement three eligible metrics measured in Step 4, from one data year to the next.
 - Category A, B, and C communities: Improve upon 3 eligible metric elements.



GreenStep Step 4 & 5 Metrics

<https://greenstep.pca.state.mn.us/page/steps-4-and-5>

Steps 4&5 Metrics Dashboard

<https://public.tableau.com/app/profile/mpca.data.services/viz/GreenStepCitiesMetrics-2015-2020/Citydetail>



Choose a community

Roseville

Choose a metric

3.2 & 3.4 Fleet fuel efficiency

- Average miles per gallon for city/tribal diesel fleet
- Average miles per gallon for city/tribal gasoline fleet

Metric details:

These are CORE metrics for A, B, & C communities. These are Step 5-eligible metrics. Fleet vehicles include city-owned and -leased utility vehicles, cars, vans, trucks, and heavy equipment, such as those used in snow plowing, street sweeping, earth-moving, and construction.

Data Source:

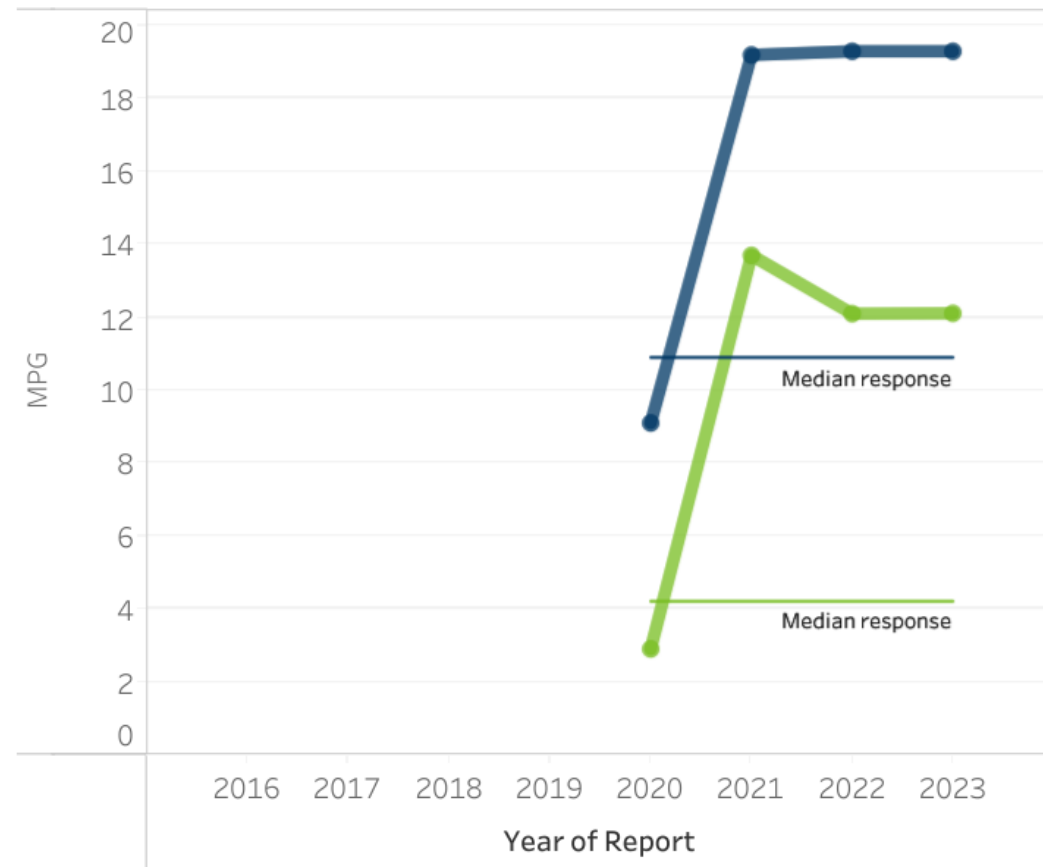
City fleet data

For more information:

[Additional Guidance](#)

Steps 4 & 5 metrics reporting: Community detail

Roseville: 3.2 & 3.4 Fleet fuel efficiency



Resources

[Workshops](#) series

Dive into specific topics with experts and community examples. Always archived too!

[Contacts](#)

Regional Coordinators serve as a local resource and Best Practice Advisors can provide expertise.

Peer learning

Explore and take action together through cohorts, exchanges, the email listserve, mentorships, etc.

Find [additional assistance](#)

Discover opportunities to add capacity through AmeriCorps, interns, and volunteers or find \$ for planning and action.

Sharing successes

Share your story of success through documentation, newsletters, articles, press releases, etc.

Social media

Join us on [Facebook](#), [Twitter](#), or [LinkedIn](#) – more places to connect and share accomplishments.

[Data](#) support

Find data for energy benchmarking, GHG emissions, sustainability metrics, and local goals and plans.

[Model ordinances](#)

Update policies and ordinances with model language and local examples.



What are the benefits to being a GreenStep City?

- **Voluntary, non-regulatory above-and-beyond, at your own pace program**
- **Is a continuous improvement pathway** for city operations and decision-making
- **Will save city staff time**
- **Will save cities money**
- **Is a home-grown, independent program tailored to Minnesota cities**
- **Provides over 5,000 reports** on how Minnesota cities are taking action, making it easy to learn from and contact peer cities so as to jump-start actions in your own city
- **Opens up special opportunities** for funding and technical assistance
- **Positions a city** to more easily apply for competitive grant and assistance programs
- **Maps out how to follow-through**
- **Provides leadership and action roles for community** members, businesses and institutions so as to stretch limited city funds and strengthen a civic culture of engagement and innovation
- **Continuously prompts** program participants
- **Provides public recognition**



GreenStep Gold Leaf Program

- Focus on high-impact, high-priority pathways for local climate action through GreenStep Cities program
- Recognized for achieving climate goals and for completing any NEW actions from:
 - [44 high-priority, high-impact climate actions](#) under the categories of:
 - Climate mitigation
 - Climate planning
 - Climate adaptation
 - Community connectedness for Minnesota's changing climate





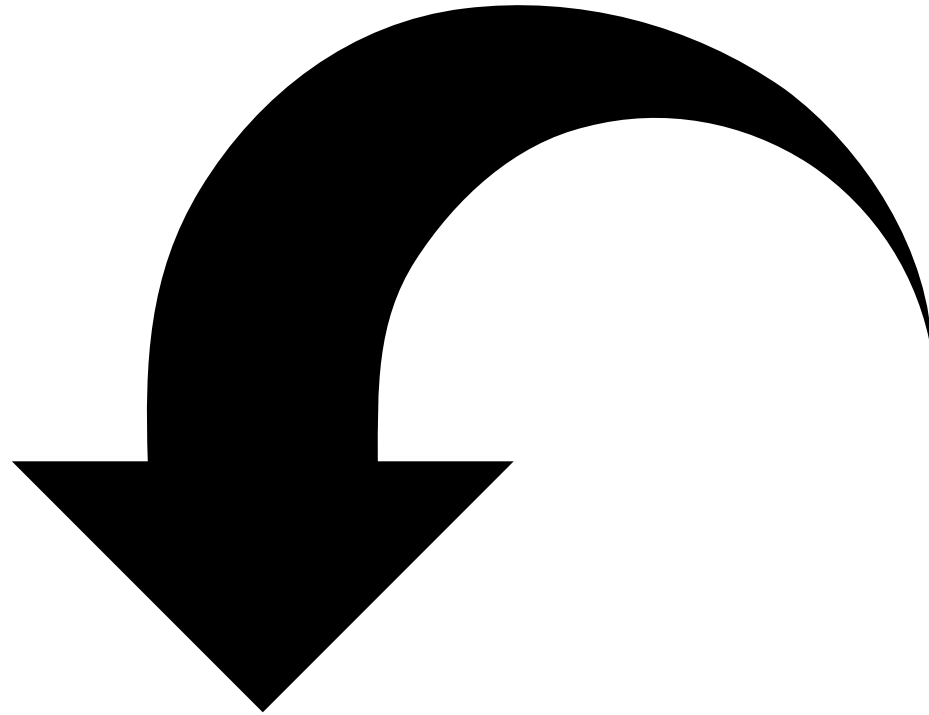
Minnesota
GreenStep Cities



Thank you!

GreenStep@state.mn.us

Extra Slides – if time allows



GreenStep Partners and Steering Committee

- League of Minnesota Cities
- 3 State Agencies: MPCA, EQB, Commerce
- Great Plains Institute
- Clean Energy Resource Teams (CERTs) – University of Minnesota
 - Izaak Walton League – MN Division
 - Urban Land Institute – MN, & Regional Council of Mayors
 - Rethos



Assistance/ Deeper Dive

- Monthly workshop series
- Capacity building (i.e. AmeriCorps, green teams, interns, etc.)
- CERTs regional coordinators
- Finding funding
- Peer cohorts & sharing opportunities



Goals & Plans

Communities

Energy

GHG and Climate
Mitigation

Planning

Vulnerability and
Equity

Formal Commitments

Green Teams and
Commissions

The **Minnesota Sustainability Index** provides an overview of governmental units in Minnesota who have analyses, goals, and/or plans related to climate, energy, and equity. The Index includes local, tribal, regional, and statewide examples and hyperlinks to materials.

Use the filter boxes below to select which communities are displayed. (NOTE: All filters build cumulatively on each page. Selecting communities on this page will determine results for the following pages.)

Community Name
All

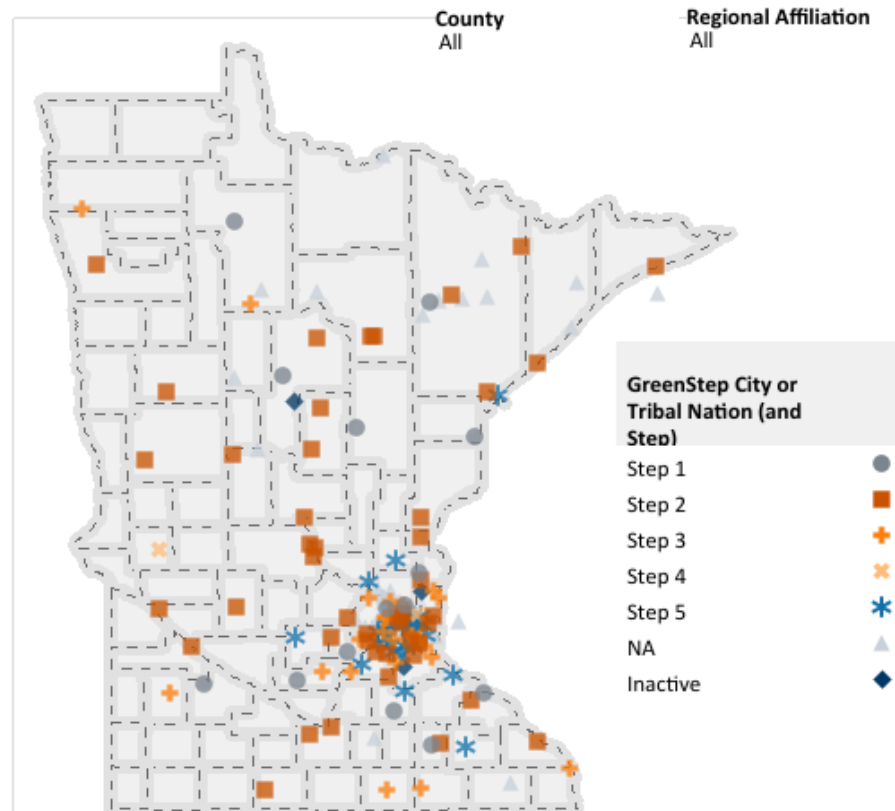
Community Type
All

GreenStep City or Tribal Nation (and Step)
All

Afton	City	NA
Aitkin	City	Step 1
Albert Lea	City	Step 3
Andover	City	NA
Anoka	City	NA
Apple Valley	City	Step 5
Arden Hills	City	Step 2
Arlington	City	Step 3
Aurora	City	NA
Austin	City	Step 3
Belle Plaine	City	Step 3
Bemidji	City	Step 3
Blaine	City	NA
Bloomington	City	Step 5
Bois Forte Band of Chippewa	Tribal Nation	NA
Brainerd	City	Step 2
Brooklyn Center	City	Step 3
Brooklyn Park	City	Step 1
Buhl	City	NA
Burnsville	City	Step 5

Questions or Corrections?

We aim to keep the Minnesota Sustainability Index up-to-date and accurate. If you notice information that is missing or inaccurate, or have other questions, please contact us at GreenStep@state.mn.us.



Roseville Public Works, Environment and Transportation Commission

Agenda Item

DATE: February 20, 2024

ITEM: 6.a.

ITEM DESCRIPTION: 2024 Sustainability Update

Background

Roseville residents highly value the sustainability, natural resources, and recreational opportunities in the community, which is why the City has made it a priority to preserve, promote, and maintain these resources. Through the City's Comprehensive Plan, participation in programs such as GreenStep Cities, and projects such as the ongoing wildlife habitat restoration in city parks, Roseville continues to strive toward building a sustainable future for all residents, businesses, and visitors. For more information, see the Sustainability webpage CityofRoseville.com/Sustainability.

As part of our sustainability work, the City participated in Xcel Energy's Partners in Energy Program. Staff worked with Xcel Energy and the Center for Energy and Environment (CEE) to move the program forward. Staff is very excited with how the program operated, and the advancements that were made to establish goals and strategies in order to reduce our greenhouse gas emissions. For more information, see the Partners in Energy webpage CityofRoseville.com/Partners-in-Energy.

Roseville has been a leader in Sustainability in 2023 with the hiring of our full time Sustainability Specialist. With the increased capacity, we were involved in the GreenStep Cities Gold Leaf Program, researching a Green To Go ordinance, several EV and efficiency-related cohorts, tabling at City events, etc. 2024 will continue several of our past topics that include Less Mow May, Pollinator-Friendly Community, and looking into the City's mowing ordinance. Staff will also be working on a Climate Action Plan and starting 4-6 months of community engagement ahead of a potential Green To Go Ordinance proposal later this year.

Green Team Update:

On May 7, 2018, the City Council approved Resolution #11507 that named the Public Works Environment and Transportation Commission as the Green Step Cities Green Team. Per the resolution, the Green Team shall:

1. Approve and make available to the community an annual sustainability update report containing goals and outcomes of community plans and sustainability initiatives.
2. Evaluate existing and proposed policies to identify any overlooked opportunities for pursuing sustainability and environmental stewardship, and make recommendations for amending these policies.
3. Undertake its best efforts to communicate with and engage residents, businesses, and institutions in the implementation of sustainable practices to help meet City goals.
4. Advise City staff members and officials on efforts to educate community members about the City's vision and ongoing opportunities to participate in sustainability initiatives.
5. Collect feedback from the community and provide recommendations for utilizing this feedback to improve City practices and programs.
6. Provide recommendations for further research and programs to implement in the City to promote sustainability and protect the environment.

Recommendation

Receive a presentation from staff about our sustainability programs and provide feedback on 2023

accomplishments, proposed projects for 2024, and the role of the Green Team.

Attachments

1. Presentation

Roseville Sustainability

Public Works Department



Public Works Environment and Transportation Commission

20-Feb-2024

Roseville Sustainability

Green Team

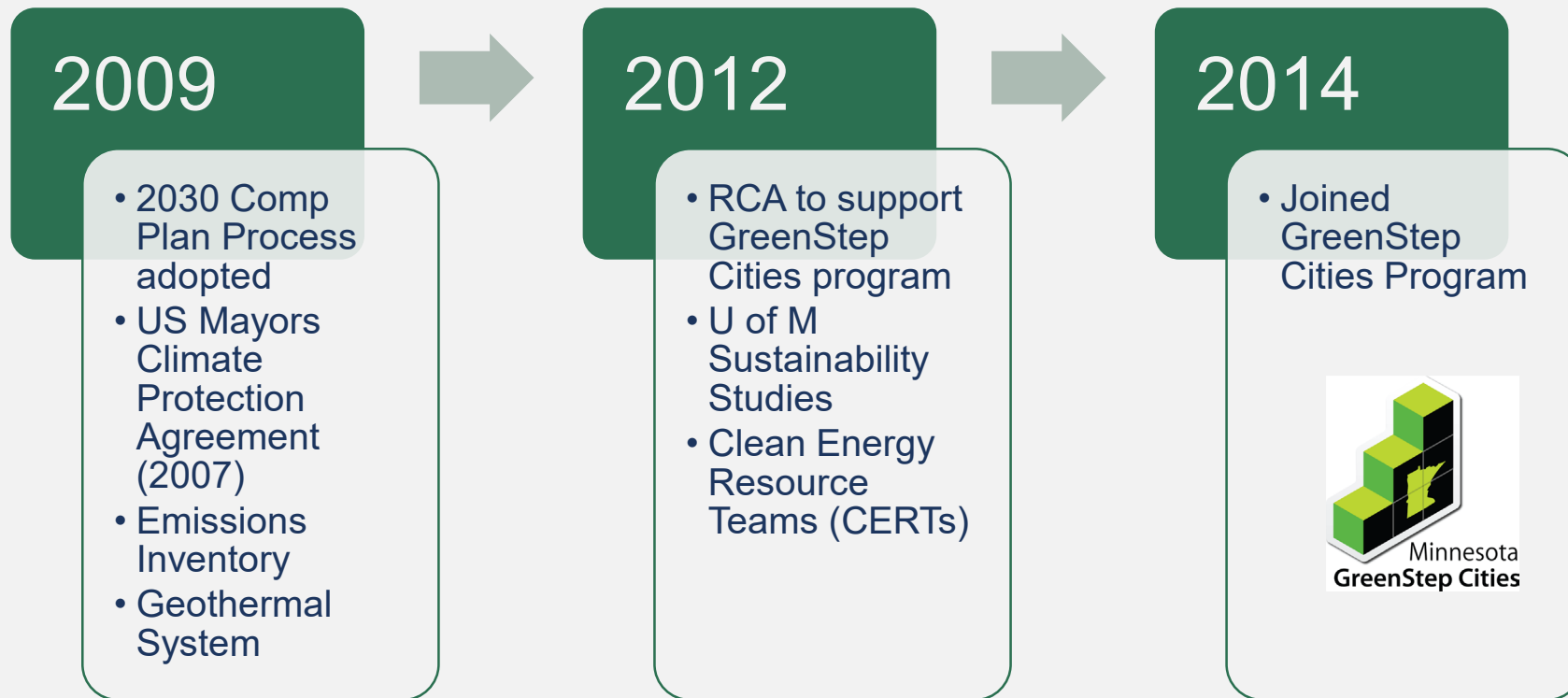
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- Advise City staff members and officials on efforts to educate community members about the City vision and ongoing opportunities to participate in sustainability initiatives.
- Collect feedback from the community and provide recommendations for utilizing this feedback to improve City practices and programs.
- Provide recommendations for further research and programs to implement in the City to promote sustainability and protect the environment.



Roseville Sustainability Timeline



Roseville Sustainability Timeline

2015

- Began B3 Benchmarking



2016

- Campus Energy Audits
- Solar Investigation

2017

- U of M Capstone projects
- GreenStep Cities
- Complete Streets
- Vulnerable Population Assessment



2019

- Solar installations on City Hall, Fire, Maintenance
- Council approval of **Complete Streets** and **Environmentally Preferable Purchasing Policies**
- SolSmart Gold



Roseville Sustainability Timeline

2020

- MN GreenCorps member
- Applied for Partners in Energy Program
- Expanded buildings in B3
- Achieved GreenStep Step 4

2021

- Joined Partners in Energy
- Energy Action Plan
- Voluntary Benchmarking Program
- Achieved GreenStep Step 5
- Won Best of B3 Benchmarking Award

2022

- Maintained GreenStep Step 5
- Created EV charging station plan for city facilities
- Created Sustainable Steward Program
- Created newsletter and branding

2023

- Full time Sustainability Specialist
- Won LMC Sustainable City Award
- Won CEE Intercity Home Energy Squad Challenge
- City adopted an EV Charging ordinance



5



Roseville Sustainability – Comprehensive Plan 2040 Goals



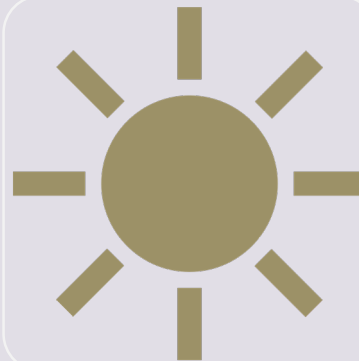
80% Reduction in GHG Emissions by 2050

Approximate reduction to date: **35%**



100% City Operations electricity from renewable sources by 2040

Currently **68%** of electricity from solar subscriptions



25% City Operations electricity from on-site generation by 2040

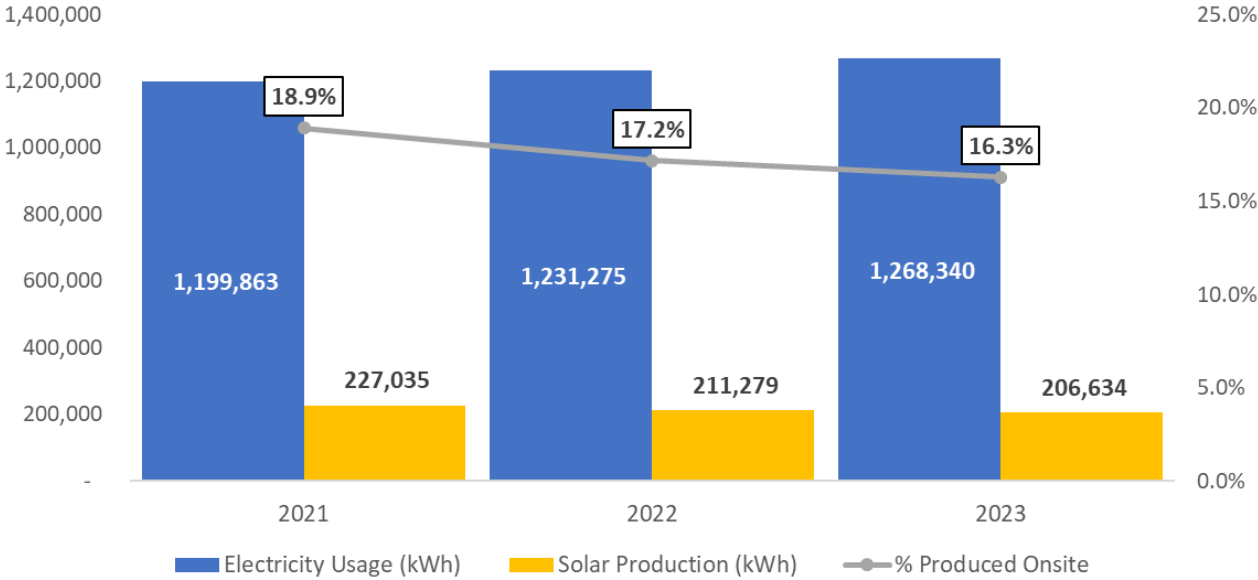
We generated an average of **17% over the last 3 years**



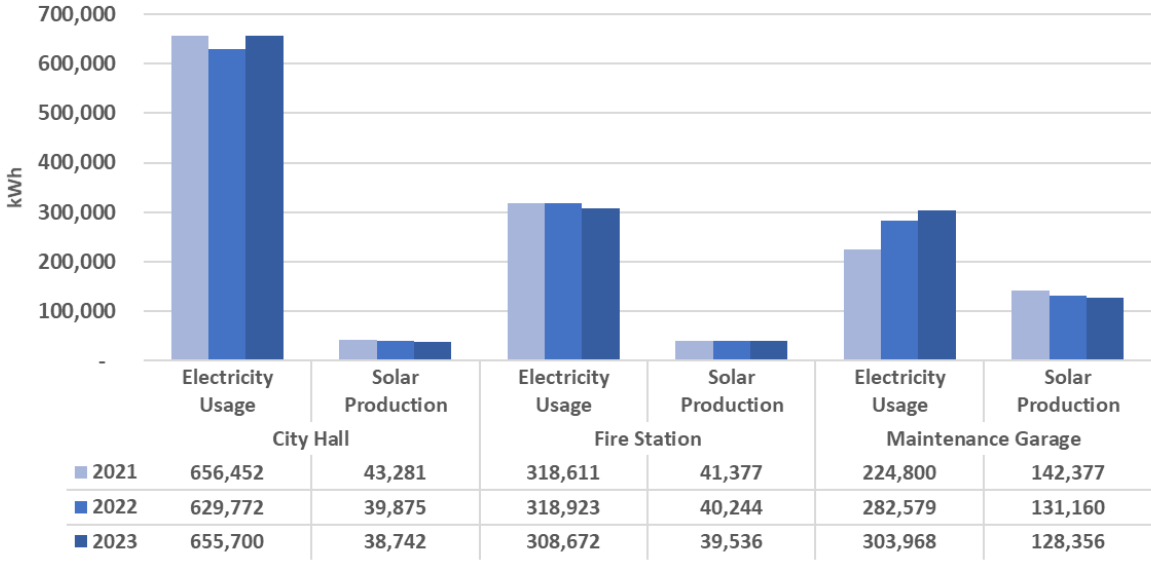
Produce enough in-bound solar electricity to meet **10% of citywide electricity** use by 2030

Roseville Sustainability – Comprehensive Plan 2040 Goals

Onsite Electricity Usage vs. Solar Production

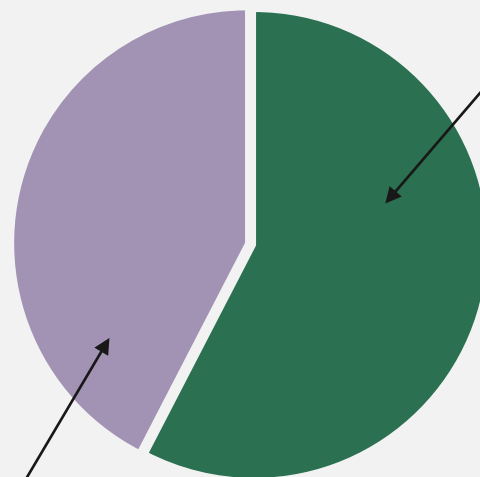


Onsite Solar Production vs. Electricity usage
2021 - 2023



Roseville Sustainability – Comprehensive Plan 2040 Goals

100% Renewable of City Operations
(3,873,000 kWh/yr)



58% produced in 2021
= 2,230,000 kWh/yr

To meet our goal, we need to increase our use of
Renewable Resources by 42% (1,642,000 kWh/yr)

Roseville has ~1,200,000 kWh in a Community Solar
Garden in Washington County that should come online in
late 2022 (~11% or 442,000 kWh remaining to meet goal)

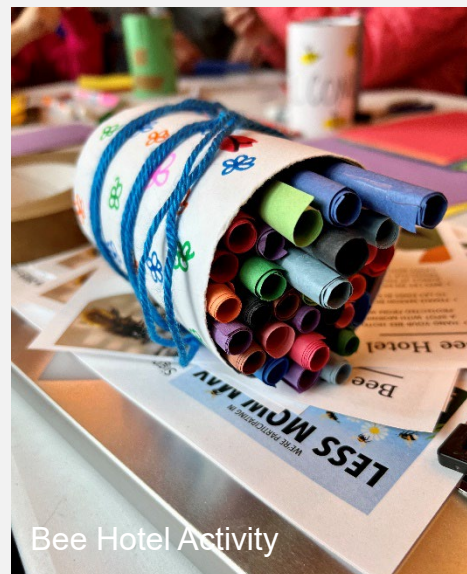
2023 Accomplishments

Sustainability

- LMC Sustainable City Award
- Home Energy Squad Intercity Challenge Award
- GreenStep Step 5 & Gold Leaf Pilot Program
- EV Smart Communities Program
- EV Ordinance approved in March 2023
- RCWD Community Resilience Plan
- Ramsey County-City Collaborative work
- Joined Urban Sustainability Directors Network (USDN)

Recycling

- Eureka Recycling: 2,578 tons in 2023
- Clean Up Day: 265 visits
 - 3.86 tons scrap metal, 1.16 tons tires, 105 mattresses
- Shredding Day: 533 visits
 - 10.3 tons of paper



Bee Hotel Activity



Wild Rice Festival



LMC Sustainable City Award

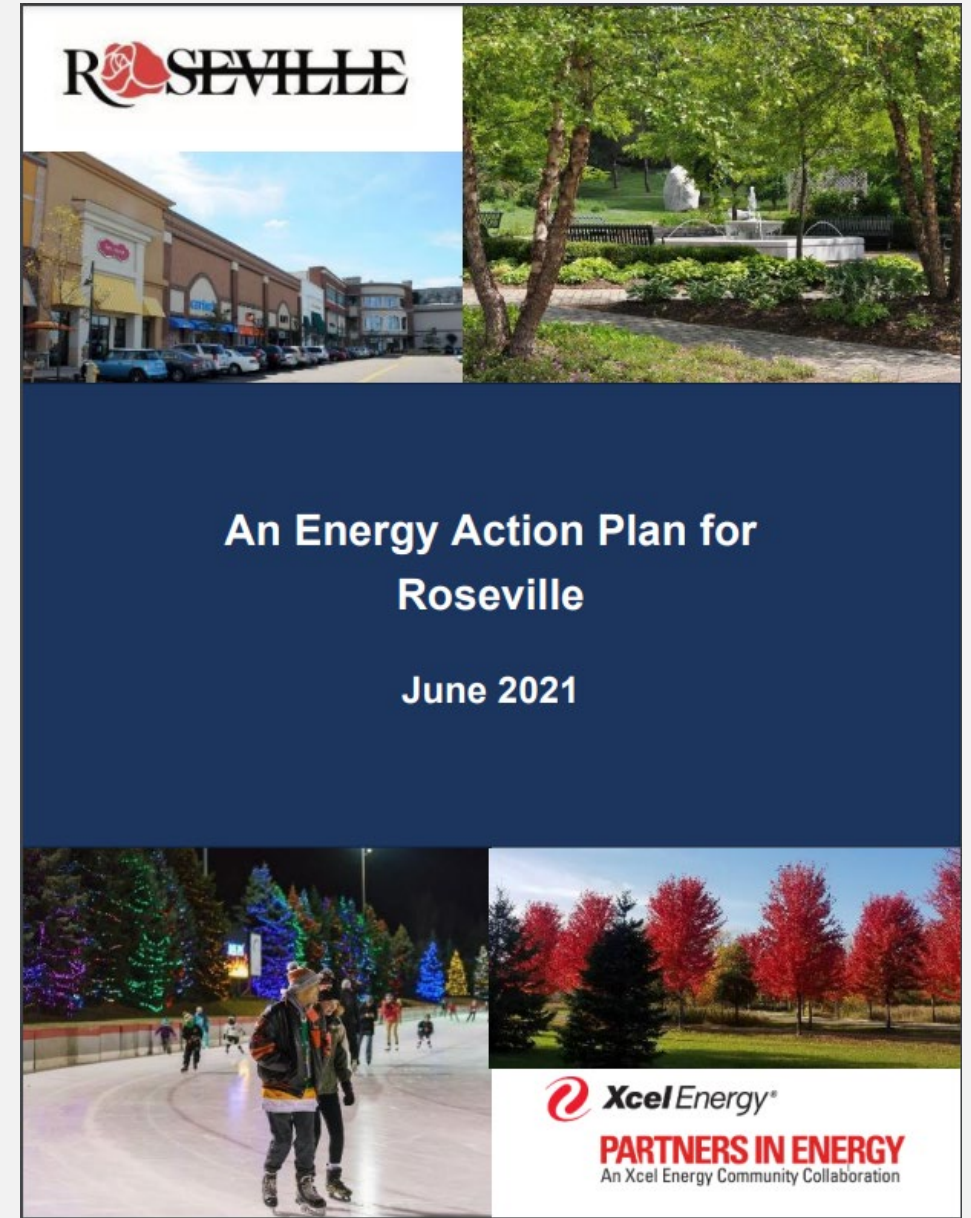
Roseville Sustainability – 2023 Projects

- New Sustainability Specialist staff member
- Climate Action Planning
 - Institute on Environment intern helped with research
- Expand EV charging in Roseville
 - Government Fleet EV event Summer 2023
 - Planning for community EV event in Summer 2024
- Sustainability website updates
- Promoted Curbside Food Scraps pickup program
- Take-out container ordinance planning
- Less Mow May education & outreach
- Roseville Sustainable Steward Award Program
- Bi-monthly Sustainability newsletter
- Community outreach & sustainability event planning
 - Earth Day
 - Rice/Larpenteur Alliance – Community in Bloom, Summer Block Party, Winter Warmup
 - Juneteenth, Taste of Rosefest, Tapped & Uncorked
- Inflation Reduction Act education & outreach (residents & businesses)



Partners in Energy Update

- Ultimate planning phase outcome
- Plan for pursuing the Community's Energy Vision
- Guides implementation
- Adopted by City Council 21-Jun-21
- Timeline
 - Development: Dec 2020 – June 2021
 - Implementation: June 2021 – Dec 2022
 - Graduation: Dec. 31, 2022
 - Continued implementation: Jan 2023 and onward



Partners in Energy Update

Data as of mid-2023

Annual Program Trends

	2019	2020	2021	2022	2023
DSM kWh Savings	6,837,376	5,735,483	6,101,710	3,114,640	1,510,357
DSM Therm Savings	136,157	150,221	206,411	177,112	60,539
DSM Participation Count	1,545	1,473	1,561	1,862	631
DSM GHG Savings, MTCO2e	3,033	2,363	2,842	1,805	705

Annual % Change

	2020	2021	2022
% Change in Premise Count	1%	0%	0%
% Change in kWh Usage	-3%	2%	-2%
% Change in Therm Usage	-9%	-6%	14%

Data through 6/30/2023



PARTNERS IN ENERGY
An Xcel Energy Community Collaboration

Implementation Metrics

Energy Efficiency Program Participation

	2019	2020	2021	2022	2023
Commercial & Industrial	247	199	237	283	76
Municipal	4	8	3	2	2
Residential	1,294	1,266	1,321	1,577	553

Renewable Program Participation

	2019	2020	2021	2022
Commercial & Industrial	11	15	17	20
Municipal	3	5	5	5
Residential	929	976	1,153	1,221

Total Renewable Program kWh

	2019	2020	2021	2022
Commercial & Industrial	3,010,898	4,141,179	4,911,813	4,878,758
Municipal	0	493,037	424,255	445,636
Residential	4,163,776	3,943,462	4,595,359	4,885,998

Total Renewable Program Participation

	2019	2020	2021	2022
Non-Solar*Rewards Net Metering	3	4	4	15
Renewable*Connect	44	48	51	49
Solar*Rewards Community	78	90	113	125
Solar*Rewards	33	45	67	87
Windsor	785	809	940	970

2023 renewable data under review and unavailable for mid-year dashboard.

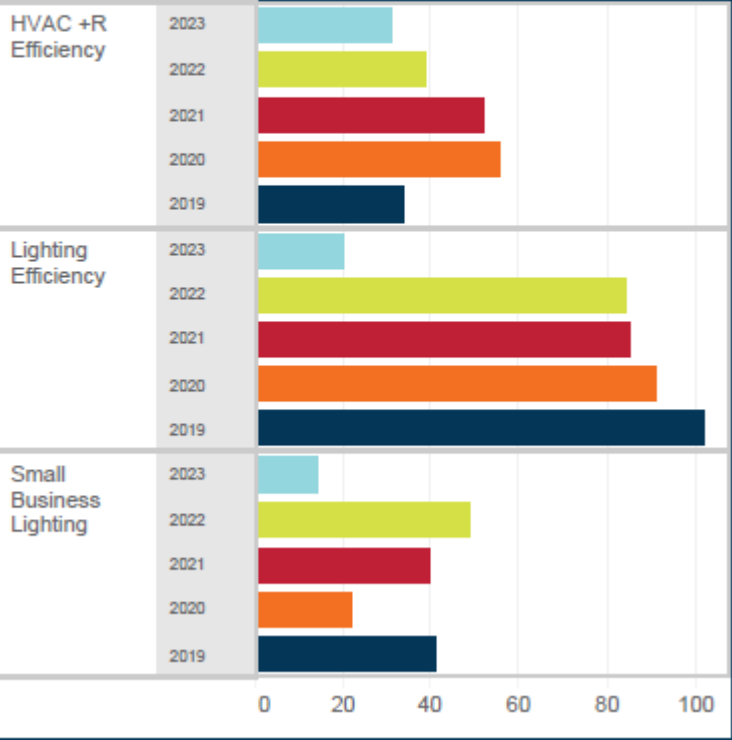
Partners in Energy Update

Data as of mid-2023

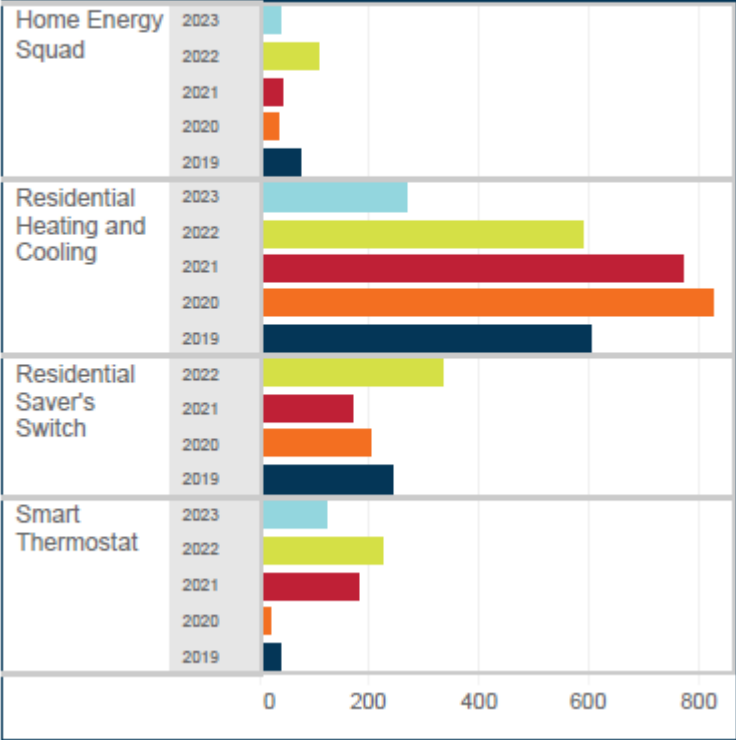


(2023 data covers January - June)

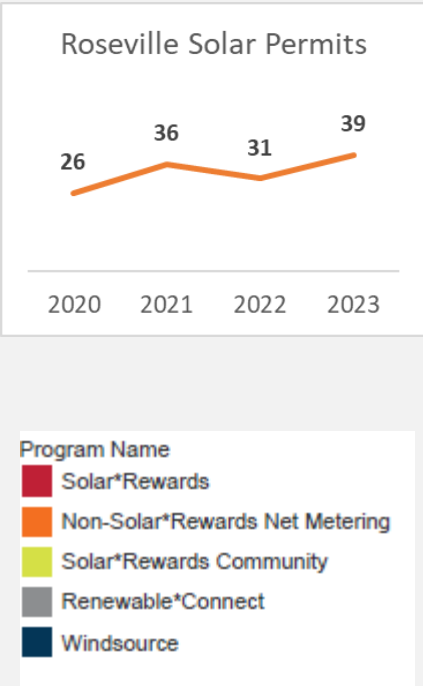
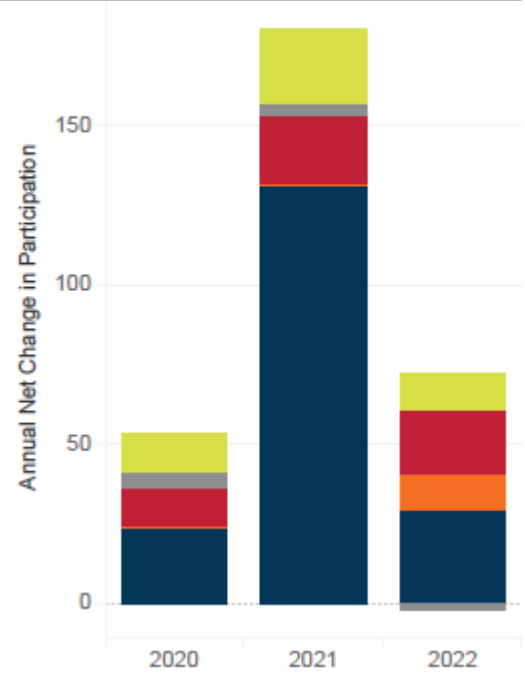
Top Energy Efficiency Programs - C&I & Municipal Participation



Top Energy Efficiency Programs - Residential Participation



Annual Net Change Renewables Participation



Partners in Energy Update

Implementation Opportunities for 2024

- Expand outreach to reduce energy burden
- Continue implementing Energy Action Plan
 - Additional presentations, webinars, etc. for our focus areas
 - Door to door handouts for small and medium business energy efficiency
 - Tabling at City events
 - Additional mailings, web updates, and social media posts to increase awareness
 - Continue to work with our current partners and create new partners to expand our reach
- Continue implementing Energy Action Plan



Roseville Zero Waste Events

Zero Waste Events

- Earth Day
- Juneteenth – *new in 2023*
- Taste of Rosefest
- Run and Roll for the Roses
- Wild Rice Festival
- Tapped & Uncorked



RESULTS

Eureka Recycling was happy to partner with the Friends of Roseville Parks and The City of Roseville this year to coordinate recycling and composting planning and services for the 8th Annual Tapped & Uncorked event.

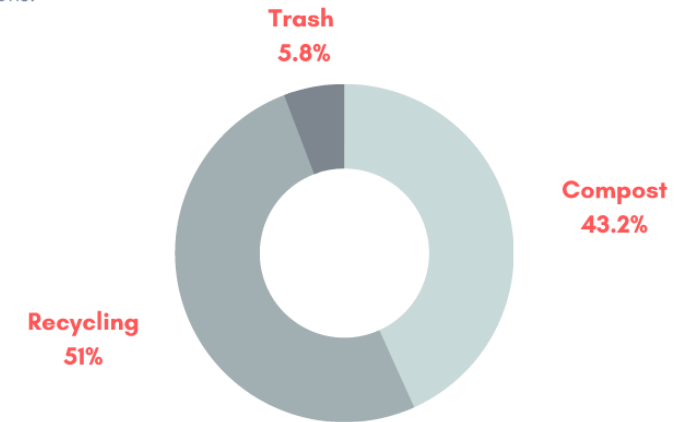
This year's results:

- Compostables = 112 pounds
- Recyclables = 132 pounds
- Landfill/Incinerator = 15 pounds

Total discards: 259



In total, 94% of materials generated at the 8th Annual Tapped & Uncorked were either composted or recycled and diverted from the landfill or incinerator. Congratulations!



"Mission-based for zero waste!"

Roseville Sustainability – Gold Leaf Challenge Participation

New program through GreenStep Cities

- Helps cities focus on climate action work
- 44 new actions in 4 categories:
 - Climate mitigation (CM)
 - Climate planning (CP)
 - Climate adaptation (CA)
 - Community connectedness (CC)
- Roseville completed 3 actions in 2023:
 - CP4 – Integrate resilience into city planning
 - Rice Creek Watershed District community resilience planning
 - CP10 – Climate staff
 - Added a full time sustainability specialist position at the City
 - CC11 – Community visioning
 - Conducted Envision Roseville community visioning process



Program through Great Plains Institute

- EV-readiness program for local governments
- Community cohorts receive:
 - Technical assistance
 - Model ordinances
 - Sample websites
 - Community engagement
 - Utility engagement
 - Monthly webinars with various topics related to electric vehicles
 - Resources for funding and implementation
- Six categories of community action
 - Each category includes opportunities to earn equity points, which are required for certification



**GREAT PLAINS
INSTITUTE**

Certification Requirements

Bronze Designation	Silver Designation	Gold Designation
Complete 3 prerequisites	Complete Bronze Designation requirements	Complete Silver Designation requirements
Complete 60 points in total	Complete 4 prerequisites	Complete 2 prerequisites
Earn 20 points in Planning	Complete 100 points in total	Complete 200 points total
Earn 20 points in Regulation	30 points of the total 100 points must be Equity Points	70 points of the total 200 must be Equity Points
15 points out of the 60 total must be Equity Points		

Roseville Sustainability

EV Charging

retrofitcompanies.com

Retrofit Electric

ROSEVILLE CITY HALL EV CHARGING PROPOSAL

4/08/2022



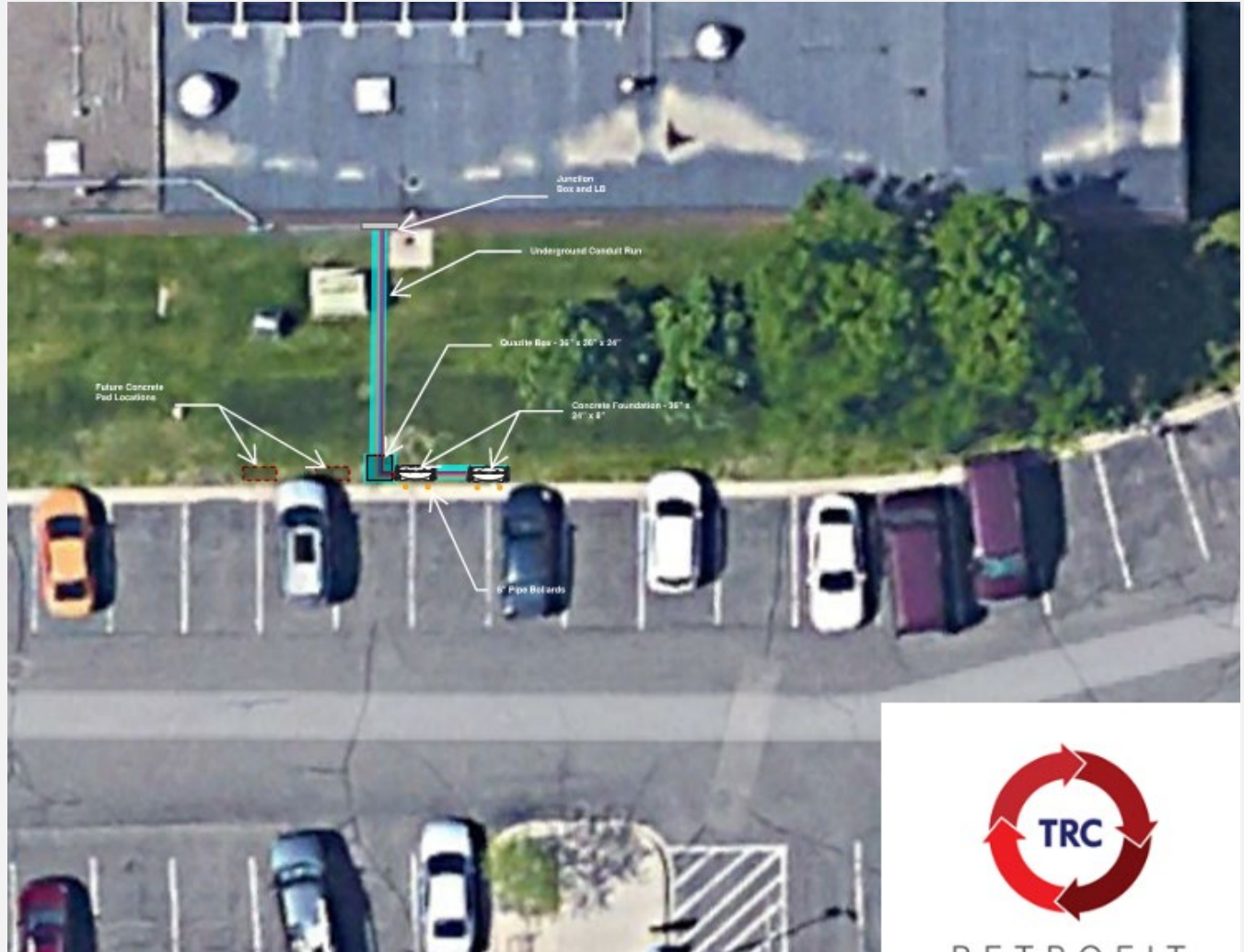
RETROFIT
ELECTRIC

Prepared For
Ryan Johnson

City of Roseville
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Roseville, MN 55113

Prepared By
Aaron Schutz
Electrical Estimating Manager
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RETROFIT
ELECTRIC

Roseville Sustainability

Less Mow May

Council adopted Resolution (Jan 9, 2023)



Current Ordinance – Section 407.02

K. Weeds and Vegetation: All noxious weeds in all locations. Also, turf grasses, nuisance weeds and rank vegetative growth not maintained at a height of eight inches or less in locations closer than 40 feet from:

1. An occupied principal structure;
2. Any property line with an occupied structure on abutting property; or
3. A public road pavement edge.

This shall not apply to:

1. Natural areas, public open space or park lands, as determined by the city forester or naturalist designated by the city manager. (Ord. 1136, 2-28-1994); Amd. (Ord. 1384, 7-13-2009)
2. Yard areas with natural landscaping that follow the City policy for natural landscaping (Ord. 1384, 7-13-2009)

L. Yard Cover: Yard area of a lot shall not be bare soil, shall be covered by a groundcover and shall be maintained as set forward in Section 407.02(K). (Ord. 1384, 7-13-2009) (Ord. 1466, 4-21-2014)

Roseville's ordinance is consistent with most natural landscaping ordinances in other Minnesota cities.

NATURAL AREAS: Natural, restored, or recreated woodlands, savannahs, prairies, meadows, bogs, marshes, and lake shores. (Ord. 1384, 7-13-2009)

NATURAL LANDSCAPING: Planned landscaping designed to replicate a locally native plant community by using a mix of plants, shrubs, and trees native to the area. (Ord. 1384, 7-13-2009)

2024 Sustainability Plans

Sustainability

- Climate Action Planning
- Bike Plan
- Green to Go Ordinance
- Energy Action Plan
- Less Mow May
- Roseville Sustainable Steward Program
- GreenStep & B3
- Energy Resource Fair
- Residential EV Ride & Drive
- Environmentally Preferable Purchasing Policy
- Outreach & Education
- Collaboration with other communities
- Exploration for funding opportunities



Recycling

- Prepare for Ramsey County curbside organics pickup
- Educational opportunities for recycling in parks
- Comprehensive Recycling 2025 RFP
- Annual Clean Up Day Event partnerships

Climate Action Planning





Clean transportation

Connect all people through a safe, equitable, and sustainable transportation system.



Climate-smart natural and working lands

Manage our lands to reduce GHG emissions and sustain resilient landscapes.



Resilient communities

Prepare communities with resources to build a more resilient future for themselves.



Clean energy and efficient buildings

Expand the use of carbon-free energy and create healthy, comfortable buildings that are cheaper to operate and pollute less.



Healthy lives and communities

Protect the health and wellbeing of all Minnesotans in the face of climate change.



Clean economy

Build an economy that addresses climate change and creates equitable opportunities.

Green to Go Engagement



- Next 3-5 months:
 - Announced proposal at 1/24/24 Roseville Business Council meeting
 - Online surveys for restaurant owners and residents
 - 2-3 educational + listening sessions for restaurant owners and managers, residents
 - Speakers from Ramsey County, BizRecycling, WasteWise
 - Twin Cities North Chamber of Commerce
 - Informational flyers & mailings to restaurants
- Use comments and feedback to develop ordinance
 - Bring to City Council in 6 months for final discussion and approval
- If approved, 12 month phase for education, adaptation
 - Packaging fair to connect restaurants with suppliers
 - Observe whether any material exemptions needed
 - Early adopters during this time frame receive recognition from City's Sustainable Steward award

Roseville Sustainability

Additional Topics to Explore

- Green Building Guide update
- Determine corridors for Complete Streets
- Determine areas for pollinator friendly right-of-ways
- Urban Forestry
- Research renewable energy options within the City
 - City Buildings, Residential and Commercial districts, etc.
- Green Team Description & Tasks
- 2040 Comp Plan Chapter 9 – Resilience and Environmental Protection





Questions?



THANK YOU

Public Works Department

Roseville Public Works, Environment and Transportation Commission Agenda Item

DATE: February 20, 2024

ITEM: 7.a.

ITEM DESCRIPTION: Future Agenda Items

Background

Recommendation

Set preliminary agenda items for the March 26, 2024 Public Works, Environment & Transportation Commission meeting.

Attachments

1. Future Agenda Memo



Memo

To: Public Works Environmental and Transportation Commission Members

From: Jesse Freihammer, Public Works Director

Date: February 20, 2024

Re: Look Ahead Agenda Items/Next Meeting March 26, 2024

Suggested Items:

Looking Ahead:

- March 26
 - Envision Roseville Update
 - Bike Plan
- April 23
 - Swearing in New Commissioners
 - Green To Go Update
 - Annual Recycling Report
 - Pavement Funding/Asset Management
- May 28
 - MS4 Annual Meeting