



ENVIRONMENTAL COMMISSION AGENDA

PUBLIC MEETING ROOM

MONDAY, MARCH 28, 2022

6:00 PM

1. Call to Order
2. Approval of the Minutes
3. Items for Discussion
 - A. GreenStep Cities Update
 - B. Electric Vehicles, Charging Stations, and Ride and Drive Event
 - C. Update of Home Energy Squad Visits
 - D. Upcoming Pollinator Events
 - E. Energy Action Plan Update
 - F. Amendment to the Environmental Commission Ordinance to Allow up to Three Commissioners from Contiguous Townships
4. Routine Business
 - A. Announcements and Updates
5. Adjournment



ENVIRONMENTAL COMMISSION MEETING MINUTES

MONDAY, FEBRUARY 28, 2022

6:00 PM

1. Call to Order / Roll Call

Chair Steinkamp called the meeting to order at 6:00.

Roll Call: Commissioner Brown Commissioner Huston, Commissioner Nesvold, Commissioner Anderegg, Commissioner Wasilowski and Chair Steinkamp

Absent: Commissioner Garcia

Staff: Peter Waldock and Kari Casper.

Guest: Lee Nordmeyer

2. Oath of Office.

Casper swore in Commissioners Brown and Anderegg.

3. Introduction of New and Existing Commission Members

Introductions took place of each member and person in the room. Wanberg reported that Garcia is resigning and we will have an open seat. It was learned that Commissioner Brown is outside the city limits. Commissioner Brown stated it was advertised as an “at-large” seat. The ordinance states that the board can only consist of two members that are outside city limits. Wanberg will consult with the Director on this appointment.

4. Approve January 24, 2022 Minutes.

A motion was made by Commissioner Huston and seconded by Commissioner Nesvold to approve the January 24, 2022 meeting minutes as presented. The motion unanimously passed.

5. Items of Discussion

A. Adopt 2022 Work Plan

After much discussion, the board went with staff's suggestions to 1) promote an understanding of environmental issues and opportunities, 2) promote pollinators and natural landscaping and reduce noxious and invasive plants, 3) promote efforts to address climate change; 4) strengthen the City's actions in the GreenStep Cities

program, and 5) respond to ongoing environmental issues and opportunities affecting the City.

B. Brief Review of City Climate Action Plan

The 100% Campaign recently released an Overview of City Climate Action Plan in Minnesota

C. Update on Home Energy Squad Visits

Faribault and 21 other Minnesota cities participated in a challenge to promote Home Energy Squad visits and energy efficiency rebates. When we joined the challenge, we did not have staff or a Minnesota GreenCorps member to help us promote the Home Energy Squad visits. As a result, Faribault had very few visits compared to other communities (see attached). With the help of our GreenCorps member and two grants, the City is making a concerted effort to promote visits and rebates in 2022. Hopefully, we will see a much greater increase in visits this year. We will have a brief discussions about the lesson learned from this program.

D. Elect Chair and Vice Chair for 2022

The Commission must elect a chair and vice chair for 2022. Roger Steinkamp is the current chair and is eligible to continue as chair if he and the Commission desire it. Dan Behrens served as the vice chair in 2021, but his term expired and he chose not to continue on the Commission. Therefore, the Commission must elect a new vice chair.

Commissioner Huston nominated Commissioner Nesvold; however, she declined the seat. Commissioner Nesvold then nominated Commissioner Huston who stated he would accept. Commissioner Nesvold made a motion to nominate Commissioner Huston which was then seconded by Commissioner Brown. The motion passed unanimously.

Next was up for the seat of Vice Chair. Commissioner Steinkamp made the suggestion that the role of Vice move into the Chair in the future. Wouldn't work for this year since the Vice is no longer on the Commission. Commissioner Wasilowski then stepped up to the plate and nominated himself as Vice Chair.

6. Routine Business

A. Announcements and Updates

The Commission should be aware of the following:

- The annual conference of Minnesota environmental commissions is scheduled for Saturday, April 30, from 10:00 a.m. to 1:30 p.m. at the Ridgedale Public Library in Minnetonka. All commissioners are encouraged to attend this conference. At a minimum, it would be good to have at least one commissioner in attendance.
- GreenStep Cities will conduct two meetings in March to help communities address climate change. If you are interested in learning more, contact David Wanberg.

- GreenStep Cities will conduct a Compost and Yard Waste program from 9:00 a.m to noon on April 20.
- Earth Day is Friday, April 22.
- Arbor Day is Friday, April 29.
- Pollinator Week is June 20-26.
- Minnesota GreenCorps applications are due March 22.

7. Adjournment.

Respectfully submitted,

Dated: February 28, 2022

by: _____
Kari Casper, Recording Secretary



Environmental Commission Memorandum

TO: Environmental Commission
THROUGH: Deanna Kuennen, Community & Economic Development Director
FROM: Sarah Shapiro, Minnesota GreenCorps Member for Faribault
MEETING DATE: March 28, 2022
SUBJECT: GreenStep Cities Update

Background:

Faribault became a Step 1 GreenStep City in 2016. I've entered enough GreenStep actions for Faribault to obtain Step 2 status. Becoming recognized as higher than Step 2 requires having a Complete Streets policy and a Sustainable Purchasing policy, among numerous other actions. Refer to the following website for additional information on Faribault's progress: [City Detail | GreenstepCities \(state.mn.us\)](https://www.state.mn.us/greenstep/citydetail.php?city=Faribault). I will provide additional information and respond to questions and comments at the Environmental Commission meeting.

Recommendation:

Reaffirm the Environmental Commission's direction to pursue Step 3 status in 2022-2023.

Attachments:



Environmental Commission Memorandum

TO: Environmental Commission
THROUGH: Deanna Kuennen, Community & Economic Development Director
FROM: Sarah Shapiro, Minnesota GreenCorps Member for Faribault
MEETING DATE: March 28, 2022
SUBJECT: Electric Vehicles, Charging Stations, and Ride and Drive Event

Background:

In my role as a Minnesota GreenCorps member, I am helping the City transition to electric vehicles. I will provide an overview of my work and seek input from the Commission on next steps. The following provides a brief summary of the topics we will discuss.

Free EV-Charging Program from Carbon Solutions Group. Carbon Solution Group (CSG) offers to provide EV charging stations at no cost to the City. CSG would take most of the revenue from people charging, although the City would receive a portion of it after usage exceeds 5%. A deal with CSG includes a required 10-year contract, with two 5-year renewal options. This deal may include a possibility to obtain electric fleet vehicles for the City. Plymouth, New Brighton, and Chanhassen have all recently made deals to obtain charging stations from CSG, with many more Minnesota cities expected to in the near future. I have submitted a list of potential EV charging locations in Faribault and CSG is currently doing a site analysis. Refer to the attached proposal from Carbon Solutions Group.

Xcel Public Charging Pilot Program. Xcel Energy offers a public charging program to help businesses and communities obtain EV charging stations. Xcel would do electrical upgrades and charger installations for free and maintain infrastructure after installation. The requirements for this program include at least one DC Fast Charger installation and a community near a freeway corridor. Refer to the attached brochure.

Xcel Energy also offers a Fleet Electrification Advisory Program (FEAP), which provides a free fleet analysis and charging station suitability report. FEAP would provide free advising on the least expensive charging options, but does not actually pay for any installation. Refer to the attached

brochure.

ZEF Bulk Buy Program. ZEF is currently offering discounts for bulk EV charger purchases. This program offers a 5% discount on 20+ chargers, a 7% discount on 50+ chargers, and a 10% discount on 100+ chargers. This discount is only available through May 18, 2022.

Fleet EVs. Faribault's City Fleet currently has one Nissan Leaf and one Mitsubishi Outlander. I have sent out a survey to department heads to determine challenges in obtaining new EVs and plan for more sustainable vehicle purchasing in the future.

Ride-and-Drive. To encourage EV adoption, Faribault will need to host an electric vehicle ride and drive in the late spring or early summer.

Recommendation:

Provide feedback on the options to help the City and community to transition to electric vehicles.

Attachments:

1. Carbon Solutions Group Public Charging Station Offer
2. Xcel Energy Public Charging Station Program Brochure
3. Xcel Fleet Electrification Advisory Program Brochure

DirtRoad Community Charging



Carbon Solutions Group Electric Vehicle Charging Station Offer

City of Faribault, MN

March 24, 2022



Overview

Carbon Solutions Group is a Distributed Decarbonization Platform that specializes in owning and operating electric vehicle charging infrastructure (EV Charging), distributed generation solar (DG Solar) and geothermal as a service (GaaS). Combining these business lines allows CSG to partner with cities, counties, colleges, and project developers to mitigate Scope 1, 2 & 3 emissions. CSG was founded in 2006 and is headquartered in San Diego with offices in Birmingham, Chicago, and Portland.

Driving Decarbonization

Cracking the challenge of decarbonizing the transportation sector requires a 2030 perspective. CSG's community charging initiative, **DirtRoad**, envisions linked vehicle electrification projects in a community that enable people and automotons alike to charge at home, at work and at public charging hubs. **DirtRoad** brings electric vehicle charging amenities to communities, campuses, and commercial operators without risk, capital investment, or ongoing expenses.

Benefits to Host

- Achieve Scope 3 sustainability objectives providing zero-CO₂¹ electricity
- Eliminate the costs and risks of owning EV charging infrastructure
- Eliminate the electricity costs and demand charges from EV charging stations
- Eliminate operating expenses, including network fees, maintenance, and upgrades
- Attract unique EV drivers and creates new marketing opportunities
- Increase electric vehicle accessibility with new EV charging amenities
- Obtain long-term revenue streams from all installed EV Charging stations

Deal Structure

- CSG will install and operate charging infrastructure at Host's properties at no cost
- CSG is responsible for all costs associated with the design, permitting, equipment and installation of the projects
- CSG will pay operating costs for the term of the agreement to include maintenance of charging units and all utility costs
- CSG will provide an annual utilization bonus payment to Host for each charging station

¹ CSG will provide Renewable Energy Credits (RECs) to cover electricity use

City of Faribault's *DirtRoad* Charging Network

CSG will install a network of **14 EV Charging Stations** at 7 City of Faribault locations.

EV Charging Station Site Locations		
Address	Number of Chargers	Charger Type*
City Hall 208 1 st Ave NW, Faribault, MN	1 1	Level 2 DCFC 50kW
Police Department 25 4 th St. NW., Faribault, MN	1 1	Level 2 DCFC 50kW
Fire Department 122 2 nd St. NW., Faribault, MN	1 1	Level 2 DCFC 50kW
Public Works 1200 Belview Ave, Faribault MN	1 1	Level 2 DCFC 50kW
North Alexander Park 1816 2 nd Ave. NW., Faribault, MN	1 1	Level 2 DCFC 50kW
Community Center 15 Division St. W., Faribault MN	1 1	Level 2 DCFC 50kW
Heritage Park 401 Heritage Pl., Faribault, MN	1 1	Level 2 DCFC 50kW

*Charging station type and Level / kW is subject to change

EV Charging Spaces

CSG will operate a total of **28 EV Charging Spaces** serving the City of City of Faribault property.

EV Charging Spaces	
Level 2	14
DCFC 50 kW	14
Total Spaces	28

License Fees and Revenue Shares to City of Faribault

City of Faribault will receive monthly **License Fees** and an annual **Revenue Share** from CSG for each charger installed.

Monthly License Fee per Charger	
Level 2	\$15.00
DCFC 50 kW	\$50.00

Annual Utilization Bonus per Charger (per Percent)	
Level 2	\$15.00
DCFC 50 kW	\$50.00

The annual revenue share is based on the average utilization of each charger, with higher utilization resulting in a higher revenue share. The utilization bonus applies to *each percent* of utilization above a 5% threshold.

$$\text{Revenue Share} = \text{Average Utilization} - 5\% \text{ Threshold} \times \text{Utilization Bonus}$$

EV Charging Revenue for City of Faribault

City of Faribault will generate over **\$245,700 in EV Charging Revenue** during the next 20 years, based on an average utilization of 20% for each station.

Pro Forma EV Charging Revenue Share						
Charger Type	Charging Stations	Monthly License Fee	Annual Fixed Revenue	20% Utilization Bonus	Annual Revenue	20-year Revenue
Level 2	7	\$15	\$1,260	\$1,575	\$2,835	\$56,700
DCFC 50 kW	7	\$50	\$4,200	\$5,250	\$9,450	\$189,000
20-year Cumulative Revenue						\$245,700

Revenue Share Utilization Bonus Example:

For a DCFC 180 kW station with 20% Average Utilization and 5% Threshold, the Utilization Bonus would be equal to **\$750.00**.

$$20\% \text{ Average Utilization} - 5\% \text{ Threshold} \times \$50.00 \text{ Utilization Bonus/percent} = \$750.00$$

Cost Savings

City of Faribault will benefit from a \$1,084,489 **savings** in capital and operating expenses over ten years.

EV Charging Stations Cost Savings								
Charger Type	kW	Charging Stations	Charging Spaces	kW Total	Hardware Cost	Install. Cost	10-year Op. Costs	10-year Total Cost
Level 2	14.4	7	14	100.8	\$57,470	\$56,000	\$106,792	\$220,262
DCFC	180	7	14	350	\$285,600	\$245,000	\$333,627	\$864,227
10-year Cost Savings								\$1,084,489

Development Timeline

CSG will complete installation at each site location in approximately 6-12 months and work on the stations concurrently, electrifying 2 - 4 new site locations per month.

Phase	Weeks
License Agreement	2 - 8

Draft Design & Engineering	2 - 4
Utility Design	4 - 16
Permitting	4 -16
Construction	4 - 8
Start to Completion	20 - 48 weeks

Carbon Solutions Group wants to help City of Faribault exceed its sustainability objectives and will continually upgrade or add additional EV Chargers stations throughout the term as the community transitions to electric vehicles.

Thank you for considering Carbon Solutions Group as City of Faribault's Electric Vehicle Charging Station Infrastructure partner.

We look forward to reviewing this offer with you at your earliest convenience.

Sincerely,

Kory Trapp

VP Project Development

858.354.6273 mobile

ktrapp@carbonsolutionsgroup.com



PUBLIC CHARGING EV SERVICE PILOT

INFORMATION SHEET
MINNESOTA

SUPPORT SERVICES FOR YOUR ELECTRIC VEHICLE
PUBLIC CHARGING INFRASTRUCTURE



As retailers, communities and businesses are seeking innovative, carbon-saving energy options, strategies may include access to on-site public charging for electric vehicles. Public charging stations are expanding corridor charging options for visitors and employees — which is good for business, the environment and EV growth.

We want to enable EV drivers to access EV charging on and off main highways and freeways and will support participants in our Public Charging EV Service Pilot with infrastructure development. By participating in the pilot to build your infrastructure, you’ll have access to energy expertise and save time and expenses.

Benefits of participating

- Design of charging infrastructure—up to customer-procured charging equipment.
- Infrastructure construction—including transformer, meter, panel, conduit and wiring at no cost to you.
- Infrastructure maintenance, post-installation.
- Technical assistance throughout the process.

Is your project eligible?

If you can answer “yes” to the qualifications below, your organization is eligible to apply.

- Your site will include at least one DC fast charger and receives non-residential electric service from Xcel Energy in Minnesota.
- Your site is within a high use location – within two miles of a highway or interstate exit, and within a quarter mile of retail or service establishments.
- You either own or lease the property on the site. Tenants receive written consent from property owner.*
- Your new charging stations are separately metered from building electric service and will be accessible seven days a week, 24 hours a day.

* Building owner agrees to infrastructure building rights, continuous access, license agreements or easements in writing.



APPLY TODAY
For more details and to apply, visit xcelenergy.com/PublicEVCharging.

Project steps

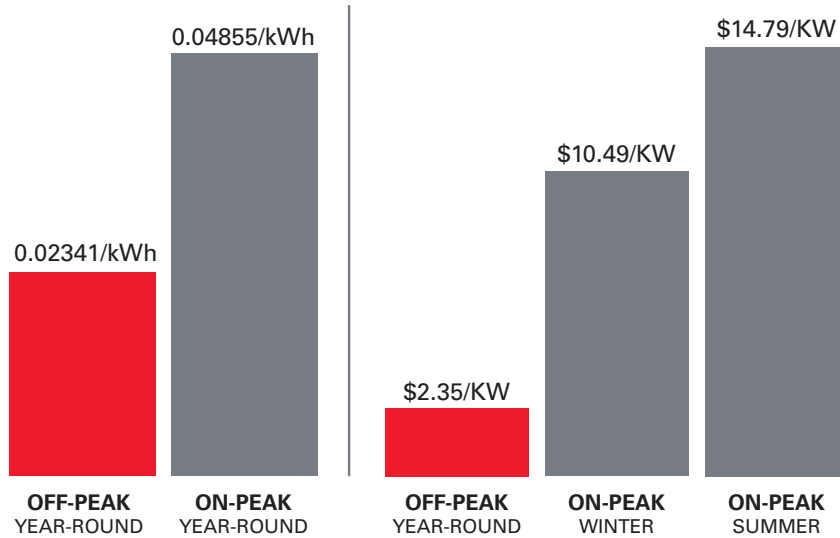
GETTING STARTED	PRELIMINARY INFRASTRUCTURE DESIGN	SIGNED SERVICE AGREEMENT	DETAILED DESIGN + CONSTRUCTION	ENERGIZE + EQUIPMENT VERIFICATION	PILOT FEEDBACK
We qualify your application to determine feasibility.	We help you develop the infrastructure design blueprint.	We will mutually execute a customer service agreement.	We will begin infrastructure construction up to the charging station.	Electrical inspection and testing of customer-procured and installed EV charging stations.	We will send you a survey to help us learn about your customer experience.

PUBLIC CHARGING EV SERVICE PILOT**MINNESOTA**

Once you have applied and are accepted in the pilot, you automatically gain access to our Public Charging EV Service electric pricing, which provides special on-peak pricing.

ENERGY CHARGES kWh**DEMAND CHARGES kW***

Monthly customer charge: \$29.64



*Off-peak demand in excess of the on-peak demand level is billed at the off-peak demand rate.
Please see Section 5 tariff, sheet 52, for all additional rate components.

Support during the process

To participate in this pilot, apply online by visiting xcelenergy.com/PublicEVCharging. We are accepting applications on a first-come-first-serve basis. Contact your dedicated Xcel Energy account manager or community relations manager to answer questions or email us at EVApplications@xcelenergy.com.

Applicants are encouraged to pursue other funding opportunities for charging stations, vehicles and other transportation electrification needs in conjunction with this program.



FLEET ELECTRIFICATION ADVISORY PROGRAM

INFORMATION SHEET

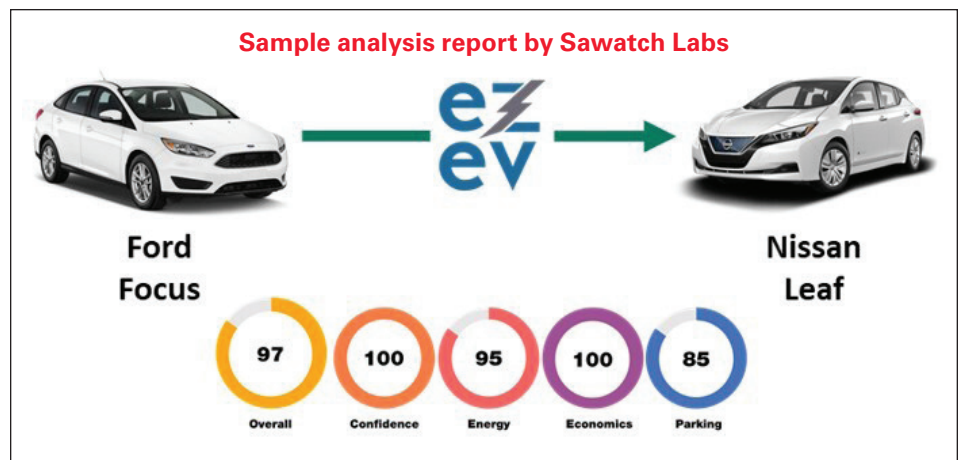
ELECTRIC VEHICLE PROCUREMENT AND CHARGING INFRASTRUCTURE SUPPORT



For vehicle fleet operations today, finding innovative ways to manage costs, performance and reliability are priority. Fleet electrification is one of the ways organizations are saving money and reducing carbon, and Xcel Energy offers advisory services to simplify the process.

Our Fleet Electrification Advisory Program begins with an analysis to help you determine the best course of action for electrification. Using real-world data on your current fleet operations, decision makers no longer need to rely on estimates and guesses when building out a fleet electrification strategy. We've teamed up with a fleet analytics provider, Sawatch Labs, to help fleet operators assess individual vehicles to determine if the vehicle's driving needs could be met with an electric vehicle (EV).

To support the development of your fleet electrification plans, we'll assess charging site suitability and estimate the cost of infrastructure installation. Throughout the process, we'll advise on rate plans, pilots and programs to lower costs.



Program benefits

- No/low cost assessment of EV opportunities and charging infrastructure needs.
- Actual vehicle and fleet data are factored into the assessment using real-world applications.
- Participants receive access to an online planning tool that includes all the latest EV models, customizable financial analytics and GPS data for infrastructures needs.
- Infrastructure advisory and cost estimates provided by Xcel Energy based on actual site needs.
- Data-driven analysis of charging and EV usage. Development of strategies to keep costs low and drive the best return on investment.

Eligibility to participate

- Potential charging station options are located within Xcel Energy's electric service territory.
- Your existing fleet includes five or more light-duty vehicles that are owned by a public or private organization and used for commercial work or for distributing services or products.
- Participants have plans to procure EVs and install charging infrastructure within the next year.
- Participants agree to install telematics equipment and share assessment data for collaboration with Xcel Energy's team to find a customized solution.

FLEET ELECTRIFICATION ADVISORY PROGRAM

How the assessment works

- Each vehicle will be compared to available electric models in the same class and scored for suitability.
- Each internal combustion engine will be evaluated for operational and economic fit as an EV.
- We will identify optimal charging locations based on actual parking patterns.
- We will help you identify the best-fit EV model for each suitable vehicle.
- You will receive a customized analysis report based on your fleet, including vehicle prices, available models, electric pricing, fuel and maintenance costs, vehicle lifetime and more.
- You will have access to an interactive online dashboard that includes downloadable summary reports.

**Next steps****1. Apply to get started**

Visit xcelenergy.com/FleetEVs and complete the intake application.

2. Complete and terms and conditions

Review, sign and return the program terms and conditions to tyler.d.petersen@xcelenergy.com.

3. Status update

We will notify you of the status of your application within 10 business days.

4. Determine cost share and next steps (non-Minnesota customers)

Xcel Energy will schedule a call with all parties to determine final cost share and next steps. Minnesota customers: skip this step and proceed to step 5.

5. Finalize program enrollment

Sawatch Labs will contact you to kick off the program.

Support during the process

Visit xcelenergy.com/FleetEVs for more details and to apply.

Questions? Contact your dedicated Xcel Energy account manager or email us at ElectricVehicles@xcelenergy.com.



Environmental Commission Memorandum

TO: Environmental Commission
THROUGH: Deanna Kuennen, Community & Economic Development Director
FROM: Sarah Shapiro, Minnesota GreenCorps Member for Faribault
MEETING DATE: March 28, 2022
SUBJECT: Update of Home Energy Squad Visits

Background:

In my role as a Minnesota GreenCorps member, I am promoting energy efficiency actions for Faribault homeowners and renters. The following provides an introduction to my work. We will discuss opportunities for the Commission to help with this work.

Community Meetings in Cannon River and Evergreen Manufactured Home Communities. Growing Up Healthy has a CERTs Seed Grant to promote home energy efficiency through community empowerment and discussion. I have been working with Partners in Energy and Growing Up Healthy to plan community meetings, but none have been scheduled.

LED Bulb Distribution at Senior Center and Tabling at Other Events. This past week, I distributed 18 of the 150 LED bulb boxes the City received from Xcel at the Senior Center. The free LED distribution also served as an opportunity to promote Home Energy Squad visits. After the success at the Senior Center, we plan to have a similar tabling set up at City events such as Heritage Days (June 17-18) and need volunteers to assist with that. To further promote Home Energy Squad, the City could potentially fund discounted visits in the future. The City Council provided the Commission with a \$2,000 budget this year. The Commission may choose to use \$500 to \$1,000 of the budget to provide discounts for Home Energy Squad visits for those who do not qualify for a free Home Energy Squad visit. We will also discuss other opportunities promote Energy Squad visits.

Recommendation:

Identify volunteers to help promote energy efficiency actions. Provide a recommendation regarding funding to discount the cost of Home Energy Squad visits.

Attachments:



Environmental Commission Memorandum

TO: Environmental Commission
THROUGH: Deanna Kuennen, Community & Economic Development Director
FROM: David Wanberg, City Planner
MEETING DATE: March 28, 2022
SUBJECT: Upcoming Pollinator Events

Background:

At least two Environmental Commission members are actively involved in pollinator events. There may be opportunities for the Environmental Commission to partner or at least coordinate with others on pollinator plantings and events. The Commission could potentially provide a small budget to help with pollinator awards or other efforts. We will discuss various opportunities to promote pollinators in the community.

Recommendation:

Provide direction on the role of the Environmental Commission in promoting pollinators.

Attachments:



Environmental Commission Memorandum

TO: Environmental Commission
THROUGH: Deanna Kuennen, Community & Economic Development Director
FROM: David Wanberg, City Planner
MEETING DATE: March 28, 2022
SUBJECT: Energy Action Plan Update

Background:

In 2017, the City of Faribault worked with Xcel Energy's Partners in Energy program to develop Faribault's Energy Action Plan (see [Faribault's Energy Action Plan | Faribault, MN](#)). Faribault was one of the first cities in the state to prepare an Energy Action Plan. Xcel recently reached out to the City to learn if Faribault would be interested in updating the plan. City Staff feels an update is warranted. Staff will discuss this opportunity in more detail with the Commission.

Recommendation:

Recommend to the City Council that the City work with Xcel Energy's Partner in Energy program to update the City's Energy Action Plan.

Attachments:



Environmental Commission Memorandum

TO: Environmental Commission
THROUGH: Deanna Kuennen, Community & Economic Development Director
FROM: David Wanberg, City Planner
MEETING DATE: March 28, 2022
SUBJECT: Amendment to the Environmental Commission Ordinance to Allow up to Three Commissioners from Contiguous Townships

Background:

The City Ordinance that established the Faribault Environmental Commission allows up to two Commissioners from a contiguous township to serve on the Commission. Staff is asking the Commission to recommend that the City Council approve an amendment to the ordinance to allow up to three of the seven commission members to be filled by residents of a contiguous township. Most environmental issues do not follow city boundaries. In addition, the Environmental Commission is an advisory commission to the City Council. Therefore, Staff feels the amendment is warranted.

Recommendation:

Recommend that the City Council amend the ordinance establishing the Environmental Commission to allow up to three Commissioners from contiguous townships.

Attachments: