



Environmental Quality and Energy Commission

April 08, 2025

7:00 PM

Fridley Civic Campus, 7071 University Ave N.E.

Agenda

Call to Order

Approval of Agenda

Approval of Meeting Minutes

1. Approve the Minutes from the Environmental Quality and Energy Commission meeting of March 11, 2025

New Business

2. Presentation by Park Plaza Cooperative on Climate Planning Workshops
3. GreenStep Cities Annual Report

Old Business

4. Grant Updates
5. Energy Action Plan Updates
6. Outreach and Events Updates

Other Items

7. Informal Status Reports

Adjournment

Accessibility Notice:

- If you need free interpretation or translation assistance, please contact City staff.
- Si necesita ayuda de interpretación o traducción gratis, comuníquese con el personal de la ciudad.
- Yog tias koj xav tau kev pab txhais lus los sis txhais ntaub ntauv dawb, ces thov tiv tauj rau Lub Nroog cov neeg ua hauj lwm.
- Haddii aad u baahan tahay tarjumaad bilaash ah ama kaalmo tarjumaad, fadlan la xiriir shaqaalaha Magaalada.

Upon request, accommodation will be provided to allow individuals with disabilities to participate in any City of Fridley services, programs or activities. Hearing impaired persons who need an interpreter or other persons who require auxiliary aids should contact CityClerk@FridleyMN.gov or (763) 572-3450.



AGENDA REPORT

Meeting Date: April 8, 2025

Meeting Type: Environmental Quality and Energy Commission

Submitted By: Rachel Workin, Environmental Planner

Title

Approve the Minutes from the Environmental Quality and Energy Commission meeting of March 11, 2025

Background

Approve the minutes from the Environmental Quality and Energy Commission meeting of March 11, 2025

Recommendation

Approve the minutes from the Environmental Quality and Energy Commission meeting of March 11, 2025

Attachments and Other Resources

- Environmental Quality and Energy Commission Minutes- March 11, 2025

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.



ENVIRONMENTAL QUALITY & ENERGY COMMISSION MEETING

March 11, 2025

7:00 PM

Fridley Civic Campus, 7071 University Ave N.E.

MINUTES

Call to Order

Chair Klemz called the Environmental Quality and Energy Commission to order at 7:00 p.m.

Roll Call

Present: Aaron Klemz
Sam Stoxen
Avonna Starck
Justin Foell

Absent: Dustin Norman
Heidi Ferris
Mark Hansen

Others Present: Rachel Workin, Environmental Planner

Approval of Agenda

Motion by Commissioner Stoxen to approve the agenda. Seconded by Commissioner Foell. The motion carried unanimously.

Approval of Meeting Minutes

1. Approval of February 11, 2024 Environmental Quality and Energy Commission Meeting Minutes

Motion by Commissioner Starck to approve the February 11, 2025 meeting minutes. Seconded by Commissioner Stoxen. The motion carried unanimously.

New Business

2. Lawns to Legumes Program updates

Ms. Workin shared updates to the Lawns to Legumes Program including the proposed elimination of the program from the governor's budget as well as legislation in the State and House to repeal funding effective July 1. Commissioners also discussed locations for the current Pollinator Pathways grant.

Motion by Commissioner Foell to recommend the draft resolution of support for the Lawns to Legumes program for approval by the City Council. Seconded by Commissioner Stoxen. The motion carried unanimously.

3. Commission Onboarding Manual

Ms. Workin provided an overview of the Commission onboarding manual. She asked that commissioners sign and return the acknowledgement page to Beth Kondrick with the City Clerk's office.

Old Business

4. Energy Action Plan updates

Ms. Workin shared that ICF had begun implementing Home Energy Squad visits. She also encouraged Commissioners to attend the HRA open house. She said that RFPs had been issued for the Solar on Public Buildings Grants for Commons Park and the Public Works building.

5. Grant Updates

Ms. Workin shared that the City received a grant from Coon Creek Watershed District for rain garden design as well as the MPCA Climate Resilience Implementation Grant for Commons Park that was discussed at the November meeting.

6. Outreach and Event updates

The City will be hosting a Seed Swap on March 15 at Moore Lake Park from 10 a.m.-12 p.m. Commissioners were encouraged to participate.

Other Items

7. Informal Status Reports

Ms. Workin shared that Luke Cardona had been appointed to fill the council seat vacated by Tom Tilberry. She also shared that the Commission would likely be hearing a presentation from representatives of Park Plaza Housing Community and the Met Council on regional climate engagement that they've been doing.

Adjournment

Motion by Commissioner Starck to adjourn the meeting. Seconded by Commissioner Stoxen. The Motion carried unanimously. The meeting was adjourned at 7:37 p.m.

Respectfully submitted,

Rachel Workin

Environmental Planner



AGENDA REPORT

Meeting Date: April 8, 2025

Meeting Type: Environmental Quality and Energy Commission

Submitted By: Rachel Workin, Environmental Planner

Title

Presentation by Park Plaza Cooperative on Climate Planning Workshops

Background

As part of engagement around their regional climate action plan, the Met Council has been working with community organizations across the region to understand their priorities for climate action. Two community organizations in Fridley, the Islamic Center of Minnesota and the Park Plaza Cooperative, have been participating in this effort. Park Plaza Cooperative recently completed their workshop series and will be presenting the results of their work.

Recommendation

For informational purposes.

Attachments and Other Resources

- None

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.



AGENDA REPORT

Meeting Date: April 8, 2025

Meeting Type: Environmental Quality and Energy Commission

Submitted By: Rachel Workin, Environmental Planner

Title

GreenStep Cities Annual Report

Background

The City completes an annual report as part of the GreenStep Cities program that is due to the MPCA on April 1. Highlights from this year's report include:

- Increased efficiency of the City's gasoline fleet (10 mpg > 14 mpg)
- Increased tree planting
- Decreased water usage (66.37 gallons per day to 57.9 gallons per day)
- Decreased peak average water usage (2.80 to 1.55)
- 23 additional solar sites

Recommendation

For informational purposes.

Attachments and Other Resources

- None

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.



Updated: Nov. 2024

Updates for 2025:

- **12.2b** - replaced # of volunteers with # of waterbodies monitored by volunteers due to change in available data
 - o number of water bodies monitored by community volunteers
- **14.1** - Removed from Step 5-eligibility. 14.2 is very similar and both often increase without much effort.
- **Operations GHG Assessment** - Updated values used for calculations
 - o Added option for calculating other fleet fuels

Steps 4 & 5 Metrics Worksheet

To be considered for Step 4 or 5, please complete the following metric information into the Step 4/5 Metric Reporting Tool that was emailed to the GreenStep Coordinator.
This is a WORKSHEET only.

The green boxes indicate metrics that are **eligible for Step 5** recognition if a city shows improvement between year 1 and year 2. Category A, B, and C communities should improve upon 3 eligible metrics.

The blue boxes indicate metrics that are used to calculate your **government operations greenhouse gas** inventory. Data entered into these boxes are automatically filled in the last tab of this workbook. The "Total City Operations" number is used for metric 17.5.

CORE metrics are identified in yellow. All metrics listed under a CORE section should be reported by all Step 4 & 5 communities, regardless of Category.

Optional metrics are not considered core and communities may choose to include information under these sections. Category A cities include 5 optional metrics of choice; Category B include 3; Category C do not need to include any additional metrics. However, feel welcome to add any metric information you would like!

Tips to keep in mind:

- Use the "Notes" column to keep notes for next year
 - Include notes such as who you talked to to gather data, any calculations used, etc.
- There is no need to send us your worksheet - take all the notes you need!
- Use the "Justification" box for notes that you want to share with us. Include the metric number/letter and explain if you are using a different unit, calculation, etc.
- Consider if there are metrics that volunteers can help gather OR if there are metrics that can be combined with neighboring communities to reduce work load.
- Need to change a metric that was reported in a previous year? No problem! Just leave a note in the justification box for us.

How to use Step 4 & 5 metrics:

- Ask GreenStep staff for your data evaluation and see which Step 5-eligible metrics you improved in.
- Share 21 of the key metrics with your commissions, council, and other staff using the Step 4 & 5 Metric Dashboard.
- Use the Climate Metric Tracker which integrates Step 4 & 5 metrics and other goals into a long-term tracking

[See all Step 4&5 Guidance](#)
[See the Data Collection Process Guide](#)

[See CO2e City or Tribal Government Operations Guidance](#)

[See the Volunteer & Neighboring Communities Guidance](#)

[See the Steps 4&5 Metric Dashboard](#)

[See the Climate Metric Tracker](#)

sta

Buildings and Lighting

Guidance

NOTES

#1 City or Tribal Buildings and Lighting	CORE	Units	Past Years (Hidden)	Current Year Values (edit)	Annual Change
--	------	-------	---------------------	----------------------------	---------------

[Guidance Document](#)

For City or Tribal buildings, use B3 or a similar benchmarking tool to:

B3

1.1	kBTU per square foot, per year:	kBTU/ft2-year	49.84	48.66	(1.18)
1.2	Dollars spent on energy per square foot, per year:	\$/ft2-year	\$ 1.30	\$ 1.09	(0.21)
1.3	Ratio of actual energy use to predicted energy use:	Actual/Predicted	1.35	0.57	(0.78)
A. CO ₂ e	Electricity consumption for all buildings	kWh/Year	1,503,546.62	1,555,623.74	52,077.12
B. CO ₂ e	Natural gas consumption for all buildings	Therms/Year	112,535.00	57,791.05	(54,743.95)

[CO₂e guidance document](#)

B3
B3
B3
B3
B3

Enter the percent of lighting that uses LEDs for:

1.4	Street lights owned by the city & utility	% LEDs	51%	52.00%	1.00%
1.5	Traffic Signals:	% LEDs	0%	0.00%	0.00%
1.6	City/tribal government buildings and property:	% LEDs	99%	99.00%	0.00%
C. CO ₂ e	Electricity consumption for streetlights and traffic signals	kWh/Year	138,187.00	157,224	19,037.00

[CO₂e guidance document](#)

Added Gardena Avenue roundabout
City doesn't own any
emailed xcel

Enter any justification or explanation for variation of metrics:

#2 Green Buildings	OPTIONAL	Units	Past Years (Hidden)	Current Year Values (edit)	Annual Change
--------------------	----------	-------	---------------------	----------------------------	---------------

[Guidance Document](#)

Public Buildings

2.1	Number of city/tribal government-owned green certified buildings:	Number of buildings	1	1	0
2.2	Identify specific green building frameworks that have been used for city/tribal government-owned buildings (e.g. LEED, ENERGY STAR®, etc.):	Program	SB 2030	SB 2030	
2.2a	How many buildings were rated under this program?	Number of buildings	1	1	
2.2b	If second rating program was used, enter its name here:	Program	n/a	n/a	
2.2c	How many buildings were rated under this program?	Number of buildings	n/a	n/a	
2.2d	List any other green energy building programs that were used and how many buildings were rated under each:	Program	n/a	na	
2.3	Municipal green square footage completed last year:	Square Feet	0	0	
2.4	Percent of new city/tribal government-owned square footage that was green building certified in the last year:	%	0%	0%	

[Green Building Framework](#)

[ENERGY STAR](#) [LEED](#)

[Green Building Information Center](#)

SNC SB2030

Private Buildings

2.5	Number of private green certified public buildings:	Number of buildings	5	5	
2.6	Identify specific green building frameworks that have been used for private buildings (e.g. LEED, ENERGY STAR®, etc.):	Program	Leed	Leed	
2.6a	How many buildings were rated under this program?	Number of buildings	3	3	
2.6b	If second rating program was used, enter its name here:	Program	EnergyStar	EnergyStar	
2.6c	How many buildings were rated under this program?	Number of buildings	5	5	
2.6d	List any other green energy building programs that were used and how many buildings were rated under each:	Program	Green Globes	Green Globes	

[Green Building Framework](#)

[ENERGY STAR](#) [LEED](#)

Murphy Warehouse, 4850 and 4700 Main, Target, North Park Fridley; Murphy Warehouse 7033 Central Avenue
Murphy Warehouse, 4850 and 4700 Main, 7033 Central Ave; Starbucks at Central and 53rd, Target, North Park
Medtronic

11,086,897.74

2

2.7	Private green square footage completed last year	Square Feet	0	0	
2.8	Percent of new private square footage that was green building certified in the last year:	%	0%	0%	
Enter any justification or explanation for variation of metrics:					

Transportation

NOTES

#3 Government Fleets CORE		Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
In consideration of city/tribal nation vehicles:					
3.1	Annual vehicle miles traveled (VMT) for gasoline fleet:	Miles per year	616,100.00	840,458.80	224,358.80
3.2	Average miles per gallon for gasoline fleet	Miles per gallon	10.10	14.00	3.90
3.3	Annual vehicle miles traveled for diesel fleet	Miles per year	64,968.00	52,891.00	(12,077.00)
3.4	Average miles per gallon for diesel fleet	Miles per gallon	2.75	2.58	(0.17)
3.5	Number of city/tribal government-owned/leased electric vehicles in fleet	Number of EVs	2.00	2.00	-
D. CO₂e	Gallons of diesel consumed	Gallons/Year	23,633.00	20,485.91	(3,147.09)
E. CO₂e	Gallons of gasoline consumed	Gallons/Year	61,023.00	60,065.21	(957.79)
F. CO₂e	Gallons of e85 consumed	Gallons/Year	-	-	-
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

NOTE: If you can only report hours operated, leave these blank and report it in the justification box below.

Wendy fuel list (Bolt was at 5000) all vehicles included
Wendy fuel list; 119 MPGe for EV included
Wendy fuel list
Added back in random equipment
Wendy fuel list
Wendy fuel list
Wendy fuel list

[CO₂e guidance document](#)

#4 Infrastructure for Walking and Biking OPTIONAL		Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
4.1	Miles of new or reconstructed sidewalks & trails completed in the past year	Miles of sidewalk & trails	1.64	0	
4.2	Percentage of housing within 1 mile of a bicycle route	%	100.00%	100.00%	0
4.3a	Walk Score for your city or downtown	Walk score	38	38	0
4.3b	Transit Score for your city or downtown	Transit score	35	35	0
4.3c	Bike Score for your city or downtown	Bike score	47	47	0
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

[Walk Score](#)

[Walk Score](#)

[Walk Score](#)

waiting til project closeout to count University Avenue trails (2026)

#5 Car, Transit, and Bike Options OPTIONAL		Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
5.1	Number of public electric vehicle charging station ports:	Number of ports	2	2	
5.2	Number of public alternative fueling stations (e.g. e85, CNG):	Number of stations	2	2	

[Guidance Document](#)

[Alternative Fueling Stations](#)

[Alternative Fueling Stations](#)

Fridley Livinn Suits
Minocco, Casey

Shared Services					
5.3	Does your community have a bike sharing service? Enter yes or no:	Yes or No	No	No	
5.4	Does your community enable car or ride-sharing services? Enter yes or no:	Yes or No	No	No	
5.5	Broadband availability at 100 Mbps download/ 20 Mbps upload	Percent	99.99	99.99	
5.6	Is the community served by weekday transit? Enter yes or no:	Yes or No	Yes	Yes	
5.7	Does the community have structured transit routes? Enter yes or no:	Yes or No	Yes	Yes	
5.8	Percent of housing units within 3/4 miles of transit routes:	%	100.0%	100.0%	
Enter any justification or explanation for variation of metrics:					

#6 Transportation Modes & Miles	CORE for Category A & B Communities; OPTIONAL for Category C Communities	Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
Vehicle Miles Traveled					
6.1	All users: Vehicle miles traveled per person, per day:	Miles/person/day	26.1	27.2	
6.2	Government employees in single occupancy vehicles: Vehicle miles traveled per person, per day - round trip:	Miles/person/day	23.8	23.8	
6.3	All users: mean travel time to work (one-way)	Minutes	24.00	23.50	
6.4	Percent of city or tribal government employees commuting fewer than 20 minutes:	%	72.00%	72.00%	
Transportation Mode of Commuters					
6.5	Percent who "drove alone":	%	72.40%	70.80%	
6.6	Percent using a "carpool":	%	9.10%	10.30%	
6.7	Percent using "public transportation":	%	3.60%	2.60%	
6.8	Percent who "walk":	%	1.60%	1.40%	
6.8a	Percent "bicycling"	%	0.20%	0.20%	
6.9	Percent who "worked at home":	%	12.20%	13.60%	
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

[MnDOT VMT Data](#)

[Census Data](#)

[Census Data](#)

[Census Data](#)

[Census Data](#)

[Census Data](#)

[Census Data](#)

[Census Data](#)

2023 VMT 805505, population 29,590
No changes in policies/systems since 2023
Census
No changes in policies/systems since 2023

https://data.census.gov/profile/Fridley_city,_Minnesota?g=160XX00US2722814 https://data.census.gov/profile/Fridley_city,_Minnesota?g=160XX00US2722814 https://data.census.gov/profile/Fridley_city,_Minnesota?g=160XX00US2722814 https://data.census.gov/profile/Fridley_city,_Minnesota?g=160XX00US2722814 https://data.census.gov/profile/Fridley_city,_Minnesota?g=160XX00US2722814 https://data.census.gov/profile/Fridley_city,_Minnesota?g=160XX00US2722814
--

Land Use

NOTES

#7 Land Use	OPTIONAL	Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
7.1	Percent of land within commercial or mixed zoning districts built with a FAR at/above 1.0	%			
7.2	Percent of land within residential or mixed zoning districts with dwelling units per acre at/above 7.0	%			
7.3	Net Tax Capacity	Dollars per acre	\$6,316.55	\$8,256.67	
7.4a	Location affordability index number: housing + transportation (H&T)	%	36	34	
7.4b	Location affordability index number: housing	%	19	19	
7.5	Acres of new development on previously developed land	Acres	19.68	148.11	
7.6	New affordable housing units added as a percent of all new housing units	%	0.00%	0.00%	
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

[LMC Property Tax Reports](#)

[Location affordability index number](#)

[Location affordability index number](#)

[Met Council Community Profiles](#)

57545661 for 6969.6 acres
emailed Stacy
emailed Stacy

Environmental Management

NOTES

#8 Open Space, Parks, Trees		CORE	Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
Open Space						
8.1	Percent of total city or reservation acres in open space:	%		18.10%	18.10%	
Parkland Quantity and Access						
8.2	Acres of parkland:	Acres		668	668	
8.3	Percent of housing within 1/2 mile (a 10 minute walk) of parkland:	%		99.00%	99.00%	
Tree Canopy						
8.4	Percent canopy coverage:	%		31.00%	20.51%	
8.5	Three most prevalent tree species (by percent genus):	Genus		maple/ bur oak	maple/ bur oak	
8.5a	What percent of canopy coverage is made up by the most prevalent genus?	%		26%	9%	
8.5b	What percent of canopy coverage is made up by the second most prevalent genus?	%		21%	9%	
8.5c	What percent of canopy coverage is made up by the third most prevalent genus?	%		10%	7%	
8.6	Net number of new trees planted:	Number of trees		105.00	130.00	
8.6a	Percent of 8.6 trees that are "likely to thrive"	%		48%	53%	
used actual tree inventory numbers instead of EAB mitigation plan						

[Guidance Document](#)

[Trust for Public Land Parkserve](#), [Met. Council](#)

[Trust for Public Land Parkserve](#)

[Tree Landscape](#)

[Trees for Future Minnesota Cities: Those Likely to Thrive in a Changing](#)

no change

met council
no change

ltree
Tree Track 300

0.093536804
0.086714542
0.065529623
planted plus tree sale plus 61st ave

1

#9 Stormwater		CORE	Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
9.1	Assessment number from the GreenStep Municipal Stormwater Management Assessment	%		55.00%	38.00%	
9.2	Climate Adaptation Stormwater Score [collected with 9.1]	%		54.00%	52.00%	
Enter any justification or explanation for variation of metrics:						

[Guidance Document](#)

[BPA 17.2 \(under implementation tools\)](#)

[BPA 17.2 \(under implementation tools\)](#)

#10 Drinking Water		OPTIONAL	Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
10.1	Residential gallons used per person per day		Gallons/person/day	66.37	57.9	-8.47
10.2	Non-residential gallons used per job per day		Gallons/job/day	53.74	48	-5.844090708

[Guidance Document](#)

[Residential water use \(select dataset "water by sector" and normalization to "per capita/day"\)](#)

[Residential water use \(select dataset "water by sector" and normalization to "per job/day"\)](#)

<https://espwater.org/#/municipal/dashboard>

433.7 million gallons; 24784 jobs (met council community page)

10.3a	Annual government operations gallons: summer (June-October)	Gallons/year	1,754,000	2,278,000	524000
10.3b	Annual government operations gallons: non-summer (November-May)	Gallons/year	924,000	707,320	-216680
10.4	Ratio of maximum day use to average daily use	Peak:Average	2.89	1.55	-1.34
10.5	Annual energy used per million gallons of water distributed	MMBtus	5.3	4.49	-0.791340051
10.6	Annual cost in dollars spent per million gallons of water distributed	\$/million gallons	\$283.88	\$ 184.55	-99.33099112
10.7	Percent of annual losses in drinking water system	%	1.90%	3.00%	0.011
10.8	Trend of source water levels: falling, stable, or rising	falling, stable, or rising	stable	stable	stable
G. CO ₂ e	Annual electricity used to treat and distribute water	MWh/Year	1,665.59	1,217.41	-448.17508
H. CO ₂ e	Annual natural gas used to treat and distribute water	Therms/Year	12395.02	8,187.22	1,217.41
Enter any justification or explanation for variation of metrics:					

utility billing
utility billing
https://eswater.org/#municipal/dashboard
4972.54 mbtus (b3), 1,108.459 mil gallons distributed
184.5514178
https://eswater.org/#municipal/dashboard
b3
b3

#11 Wastewater	CORE	Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
11.1	Residential gallons of wastewater produced per person per day	Gallons/person/day	61.94	54.53	
11.2	Non-residential gallons of wastewater produced per job, per day	Gallons/ job/day	42	38.90	
11.3	Annual energy used per million gallons treated (report only if you own a treatment facility)	MMBtu/million gallons			
11.4	Annual energy operating cost in dollars per million gallons treated (report only if you own a treatment facility)	\$/Million gallons	\$0.00		
11.5a	Ratio of Inflow and Infiltration volume to total volume entering the wastewater collection system OR	I&I:total volume	1:5	1:5	
11.5b	Peaking factor for total wastewater collection system OR	Peaking Factor			
11.5c	Percent of total sanitary sewer pipe and manholes that were been lined or replaced in the previous year	%	0%	5%	
I. CO ₂ e	Annual electricity used to treat wastewater	MWh/Year	17.92	15.65	
J. CO ₂ e	Annual natural gas used to treat wastewater	Therms/Year	8	10.9	
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

[Metropolitan Council Env. Services \(MCES\) portal](#)

[B3 Benchmarking](#)

[CO2e guidance document](#)

602271000; population (30258)
351,889
no treatment facility
no treatment facility
not reported
b3
b3

Economic and Community Development

NOTES

#14 Renewable Energy CORE		Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
14.1	Number of government-owned and private renewable energy generation sites	Number of sites	38	61	
14.2	Generation capacity of government-owned and private renewable energy sites	kW	2410.77	2550.27	
14.2a	Storage and off-grid capacity of renewable energy, generated by government-owned and private renewable energy sites	kW	0	0	
M. CO ₂ e	Annual production at local/tribal government-owned renewable energy generation sites	MWhr/year	0	0	
14.4	Annual renewable energy purchases for local/tribal government operations	MWhr/year	0	0	
14.5	Number of non-government entities participating in renewable energy purchasing/green power programs	Number of entities	995	1106	
14.6	Percent of total local/tribal government operations energy use that is generated and purchased renewable energy	%	42.60%	40.70%	
14.7	Percent of total local/tribal government operations energy use that is purchased from a community solar garden	%	0.00%	0.00%	
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

[CO₂e guidance document](#)

23 passed final inspections in 2024
139.5 kw added
From Xcel 2023 dashboard provided by PIE
From Xcel Renewable Mix Calculator

139.5

#15 Local Food OPTIONAL		Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
15.1	Number of local food venues	Number of venues	3	3	
15.2	Percent of housing within 1 mile of a local food venue	%	19.80%	19.80%	
15.3	Percent of housing within 1 mile of fresh fruits and vegetables	%	88.50%	88.50%	
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

Bachmans, Unity Gardens, and Bobs
no change
no change

#16 Jobs & Employment OPTIONAL		Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
16.1	Jobs		24,697	24,784	87
16.2	Employment		X	X	
16.3	Income		36,373	39,050	2,677
16.4	Poverty		11	11	-
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

[Census Data](#)

[Census Data](#)

[Census Data](#)

[Census Data](#)

Met Council
census
census
census

[Guidance](#)

#17 Climate CORE for Regional Indicator Cities		Units	Previous Year Values (edit)	Current Year Values (edit)	Annual Change
17.1	Greenhouse gas emissions from travel	Tonnes CO2e	120,260	125,161	
17.2	Greenhouse gas emissions from waste	Tonnes CO2e	7,879	6,717	
17.3	Greenhouse gas emissions from (non-transportation) energy	Tonnes CO2e	304,744	304,755	
17.4	Total community-wide GHG emissions	Tonnes CO2e	432,883	451,519	
17.5	Total city/tribal government operations GHG emissions	Tonnes CO2e	2,653	2,162	
Enter any justification or explanation for variation of metrics:					

See note about reporting metrics 17.1-17.4 in the guidance document

Use the number in the next tab

[CO2e guidance document](#)

rii
2022 rii
rii 2015 (typo last year0
rii 2015

#18 Additional Metrics OPTIONAL: If there are additional metrics your community would like to track, feel free to do so here. The following are some examples of areas that your metrics could address.		Units	Current Year Values (edit)	Current Year Values (edit)	Annual Change
18.1	Social vulnerability				
18.2	Livability Score				
18.3	Civic Participation/ Civic Capital				
18.4					
18.5					
Enter any justification or explanation for variation of metrics:					

[Guidance Document](#)

[Social vulnerability index](#)

[Livability score](#)

[Civic Index](#)

City or Tribal Govt. Operations GHG Assessment

Using information provided in the previous sheets, the GHG assessment sheet automatically calculates emissions for city/tribal operations. Simply select your electric utility from the dropdown menu in cell E5.

Electric Utility: Utility Emission Factor:

Buildings and Lighting		Units	Previous Year Values (CO2)	Current Year Values (CO2)	Difference between Year 2 and Year 1
CO ₂ e	Electricity consumption for all buildings	kWh/Year	548.70	567.80	19.01
CO ₂ e	Natural gas consumption for all buildings	Therms/Year	596.44	308.29	-290.14
CO ₂ e	Electricity consumption for streetlights and traffic signals	kWh/Year	50.44	57.39	6.95

Government Fleet		Units	Previous Year Values (CO2)	Current Year Values (CO2)	Difference between Year 2 and Year 1
CO ₂ e	Gallons of diesel consumed	Gallons/Year	239.87	207.93	-31.94
CO ₂ e	Gallons of gasoline consumed	Gallons/Year	537.61	529.17	-8.44
CO ₂ e	Gallons of e85 consumed	Gallons/Year	0.00	0.00	0.00
CO ₂ e	Gallons of other fuel* consumed	Gallons/Year			

Water and Wastewater		Units	Previous Year Values (CO2)	Current Year Values (CO2)	Difference between Year 2 and Year 1
CO ₂ e	Annual electricity used to treat and distribute water	MWh/Year	607.94	444.35	-163.58
CO ₂ e	Annual natural gas used to treat and distribute water	Therms/Year	65.69	43.39	-22.30
CO ₂ e	Annual electricity used to treat wastewater	MWh/Year	6.54	5.71	-0.83
CO ₂ e	Annual natural gas used to treat wastewater	Therms/Year	0.04	0.06	0.02

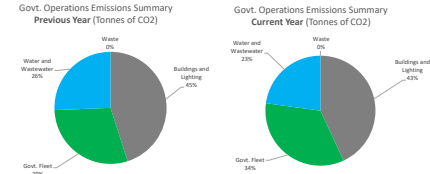
Waste		Units	Previous Year Values (CO2)	Current Year Values (CO2)	Difference between Year 2 and Year 1
CO ₂ e	Govt. operations landfilled each year	Tons per year	0.00	0.00	0.00
CO ₂ e	Govt. operations incinerated each year	Tons per year	0.00	0.00	0.00

[CO2e guidance document](#)

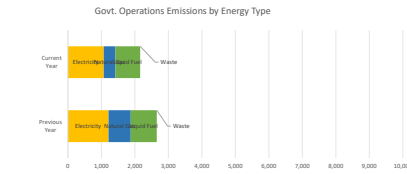
Summary Table

This table provides a summary of emissions by end use, and show changes over time. The graphs below provide a visual breakdown of emissions.

	Units	Year 1	Year 2	Difference	Percent Change
Buildings and Lighting	Tons CO ₂	1,195.62	931.45	-264.16	-22%
Govt. Fleet	Tons CO ₂	777.49	737.11	-40.38	-5%
Water and Wastewater	Tons CO ₂	680.22	493.52	-186.70	-27%
Waste	Tons CO ₂	0.00	0.00	0.00	#DIV/0!
Total Govt. Operations	Tons CO₂	2,653.37	2,162.11	-491.27	-19%



Enter this in yourself. See the calculations below.



	Previous Year	Current Year
Electricity	1113.71	1069.54
Natural Gas	662.17	349.68
Liquid Fuel	777.49	737.11
Waste	0.00	0.00

Fuel	CO ₂ (kg/gallon biomass)	GHG / unit (tonnes/gal)
Jet Fuel	9.57	0.00587
Aviation Gasoline	8.32	0.00532
Gasoline/Petrol	8.81	0.00581
On-Road Diesel Fuel	10.15	0.01015
Residual Fuel Oil (36)	11.8	0.0118
LPG	5.79	0.00579
CNG	0.054	0.00054
LNG	4.46	0.00446
Ethanol	5.56	0.00556
100% Biodiesel	9.46	0.00946
E85 Ethanol/Gasoline	1.3215	0.0009475
B20 Biodiesel/Diesel	8.12	0.010012

NOTE - using passenger vehicles
Source: https://ghgprotocol.org/sites/default/files/Emission_Factors_from_Crops_Sector_Toolkit_March_2017.xlsx
1. Identify the fuel used in the chart above. Multiply the total number of gallons you have tracked by that fuel types GHG/unit (Column G 61-73)



AGENDA REPORT

Meeting Date: April 8, 2025

Meeting Type: Environmental Quality and Energy Commission

Submitted By: Rachel Workin, Environmental Planner

Title

Grant Updates

Background

The purpose of this item is to provide Commissioners updates on sustainability grants held by the City.

Grants in the Pre-Application Stage

- Met Council Water Efficiency Grant (Equity Focus) for water efficient toilet replacement at Park Plaza

Grants Under Review

- Solar for Public Buildings Grant for Commons Park
- Solar for Public Buildings Grant for Public Works
- Wood Waste Utilization Grant for Custom Furniture Piece at Commons Park
- Local Climate Action Grant for an EV Charger at Moore Lake Park

Active Grants

- Recycling grant (ongoing)
- Met Council Regional Solicitation Grant for 44th Avenue Bridge w/ Anoka County
- University Avenue Lighting Project
- MnDOT Active Transportation grant for University Avenue Trails
- DNR ReLeaf Grant
- Safe Streets and Roads for All Planning Grant to create a Safety Action Plan
- DNR Shade Tree Grant
- MPCA Resiliency Grant for Electric Lawn Mower
- CCWD grant for improved street sweeping equipment
- Sylvan Hills Park stormwater system
- 2024 Street Project Rain Gardens
- Met Council Water Efficiency Grant pt 4
- MPCA Electric Landscaping Equipment Campaign

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.

- Solar for Public Buildings Grant for Moore Lake
- Regional Solicitation Grant- Safe Routes to School
- BWSR Pollinator Pathways Grant with ACD
- MPCA- Sewer Overflow and Stormwater Reuse Grants for Moore Lake Stormwater Retrofit Analysis Update in partnership with RCWD
- 2026 Street Project Rain Garden Design
- MPCA Climate Resilience Implementation Grant for Commons Park

Grants Closed (1/1/2025+)

- BWSR/RCWD grant for Moore Lake IESF project
- DNR Preparing for Emerald Ash Borer Grant Pt. 3

Recommendation

None

Attachments and Other Resources

- None

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.



AGENDA REPORT

Meeting Date: March 11, 2025

Meeting Type: Environmental Quality and Energy Commission

Submitted By: Rachel Workin, Environmental Planner

Title

Energy Action Plan Updates

Background

At the November 9, 2021 meeting, the EQEC recommended adoption of Phase 2 of the Energy Action Plan. The following activities were completed since the previous EQEC Meeting:

- Meeting with utilities on the HES program transition
- Rental Property Owner Open House
- Homeowner Open House (Tabling by HES, Inflation Reduction Act Ambassadors, Light Bulb Giveaway)

The following activities are projected to occur:

- None

Recommendation

None

Attachments and Other Resources

- None

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.



AGENDA REPORT

Meeting Date: April 8, 2025

Meeting Type: Environmental Quality and Energy Commission

Submitted By: Rachel Workin, Environmental Planner

Title

Outreach and Events Updates

Background

Outreach at community events is an important strategy to build environmental awareness and increase engagement. Events that have been completed since the last meeting as well as upcoming outreach events are listed below.

Completed events (3/12-4/8)

- Rental Property Owner Open House (3/13)
- Seed Swap (3/15)
- HRA Open House (3/19)

Confirmed events and topics

- Arbor Month Celebration at North Park Elementary School
- Environmental Fun Fair (5/17)
- Household Hazardous Waste Collection Event (5/31)

Potential Upcoming Events

-

Recommendation

- None

Attachments and Other Resources

- None

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.



AGENDA REPORT

Meeting Date: April 8, 2025

Meeting Type: Environmental Quality and Energy Commission

Submitted By: Rachel Workin, Environmental Planner

Title

Informal Status Reports

Background

Staff and Commissioners will share informal status reports on programs happening in the City.

Recommendation

None

Attachments and Other Resources

- None

Vision Statement

We believe Fridley will be a safe, vibrant, friendly and stable home for families and businesses.