



# An Energy Action Plan for the City of Edgewater

December 2020



**PARTNERS IN ENERGY**  
An Xcel Energy Community Collaboration

# ACKNOWLEDGEMENTS

Thank you to the following individuals who contributed many hours of service to developing this Energy Action Plan (EAP). The content of this plan is derived from a series of planning workshops hosted by Xcel Energy’s Partners in Energy. Xcel Energy is the main electric and gas utility serving the City of Edgewater. Partners in Energy is a two-year collaboration to develop and implement a community’s energy goals. For more information about the planning workshops, see Appendix A.

## Energy Action Team

Grant Babb	Joyride Brewing Company
John Beltrone	Edgewater City Council
Shawn Doolen	Edgewater Sustainability Board
Hannah Gay Keao	Edgewater Sustainability Board/Edgewater Collective
Kit Lammers	City of Edgewater, Community Services
Amanda Malcomb	Brothers Redevelopment
Katie Mancinelli	Lumberg Elementary School
Patrick Martinez	City of Edgewater, Recreation
Sarah Martinez	Edgewater Sustainability Board
Jocelyn Mills	City of Edgewater, Planning
Joel Newton	Edgewater Collective
Matt Pagano	Edgewater Sustainability Board
Lilly Steirer	Edgewater Sustainability Board

## Partners in Energy Team

Michelle Beaudoin	Partners in Energy Colorado Lead
Craig Eicher	Area Manager
Channing Evans	Partners in Energy Communications Lead
Kynnie Martin	Account Manager
Lynn Coppedge	Partners in Energy Facilitator
Sarah Martin	Partners in Energy Facilitator
Zach Taylor	Partners in Energy Data Lead

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# Edgewater Energy Action Plan Executive Summary



## About this Plan

Representatives from the Edgewater Sustainability Board, City of Edgewater staff, Edgewater City Council, Lumberg Elementary, the business community, and the nonprofit sector worked together to create an Energy Action Plan through the [Xcel Energy's Partners in Energy](#) program. Partners in Energy supports communities like Edgewater in developing and achieving their energy goals. The full plan is available online at [edgewaterco.com/sustainability](http://edgewaterco.com/sustainability).

## Our Energy Vision

Edgewater prioritizes sustainable and affordable energy solutions and community collaboration in order to create an equitable, thriving, and resilient community.

## 2019 Energy Profile



Edgewater consumed **271,771 MMBtu<sup>1</sup>** of energy resulting in greenhouse gas emissions comparable to driving a car over **55 million miles**



Residents consumed **57%** of total energy; commercial entities consumed **43%** of total energy



Spent **\$3.2 million** on energy community-wide, an average of nearly **\$750** per household and **\$5,000** per business

<sup>1</sup> One million British Thermal Units – measure of the energy content in electricity and natural gas



## Our Strategic Priorities — Your Support

To achieve our energy vision, the Energy Action Plan is divided into three focus areas:

### Residential

We're focused on making it simple for households to participate in home energy improvements by:

- ✓ Supporting energy efficiency upgrades for multifamily properties
- ✓ Promoting energy efficiency opportunities to residents

### Commercial

We'll aim to improve the bottom line for Edgewater businesses and organizations by:

- ✓ Promoting energy efficiency opportunities to businesses
- ✓ Supporting energy efficiency upgrades for nonprofits
- ✓ Exploring opportunities to electrify the City fleet

### Renewables

We're working to reach our community's renewable energy goals by:

- ✓ Powering City facilities with solar
- ✓ Promoting renewable energy opportunities to residents
- ✓ Supporting renewable energy programs for low-income residents

## By reaching this plan's near-term targets, we will:



Save community members more than **\$54,000**



Encourage **250** residents and **20** businesses and nonprofits to participate in an energy efficiency program



Reduce greenhouse gas emissions by **700 MT CO<sub>2</sub>e** – the equivalent of taking more than **150\*** cars off the road!

<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

# INTRODUCTION



## Why an Energy Action Plan

The City of Edgewater is proud to have taken early efforts to care for the environment and community. In 2019, Edgewater adopted its first [Sustainability Plan](#), establishing goals and actionable tasks to achieve community sustainability in four categories: land and water, waste and materials, energy, and social vibrancy. In order to dive deeper into the energy category, Edgewater chose to participate in Xcel Energy's Partners in Energy program to develop an Energy Action Plan.

This Energy Action Plan supports the energy efficiency and renewable energy goals set in the Sustainability Plan by providing supporting data and developing actionable strategies that will have the greatest impact on the community. The Energy Action Plan works together with the Sustainability Plan, demonstrating how the City of Edgewater and Xcel Energy can work together to achieve shared goals.

## Our Engagement & Outreach Process

The creation of this Energy Action Plan was a five-month process to help characterize Edgewater's energy use, identify energy-related goals, and develop engaging strategies to guide change toward our energy future. Starting in September 2020, the Energy Action Plan was developed through a series of planning workshops with a planning team committed to representing local energy priorities in collaboration with the City of Edgewater and Partners in Energy. By the numbers, we engaged 14 City staff and community members through two virtual workshops and an online survey. See Appendix A for more information about the planning process and Xcel Energy Partners in Energy.

## WHERE WE ARE NOW



An integral part of the Partners in Energy planning process is reviewing historic energy data that informs our community's energy baseline. Xcel Energy provided data about energy use, participation counts in energy conservation programs, and energy savings from conservation programs for Edgewater - all detailed in the following sections.

### **Community Energy Use**

Xcel Energy provides electricity and natural gas to Edgewater. Three years (2017-2019) of utility data were analyzed for the community, and ultimately 2019 was chosen as the baseline year for the Energy Action Plan as it was the most recent full year with data available.

Across the community in 2019, \$3.2 million was spent on energy across 2,655 premises (Figure 1). A property, such as a multifamily unit complex, can have multiple premises assigned to it which leads to a higher number of premises than buildings in the community. The community consumed 22.9 million kilowatt-hours (kWh) of electricity and 1.9 million therms of natural gas in 2019. Key takeaways from the baseline data are presented, by sector, below. Community data is presented in the graphs on pages 3-7.

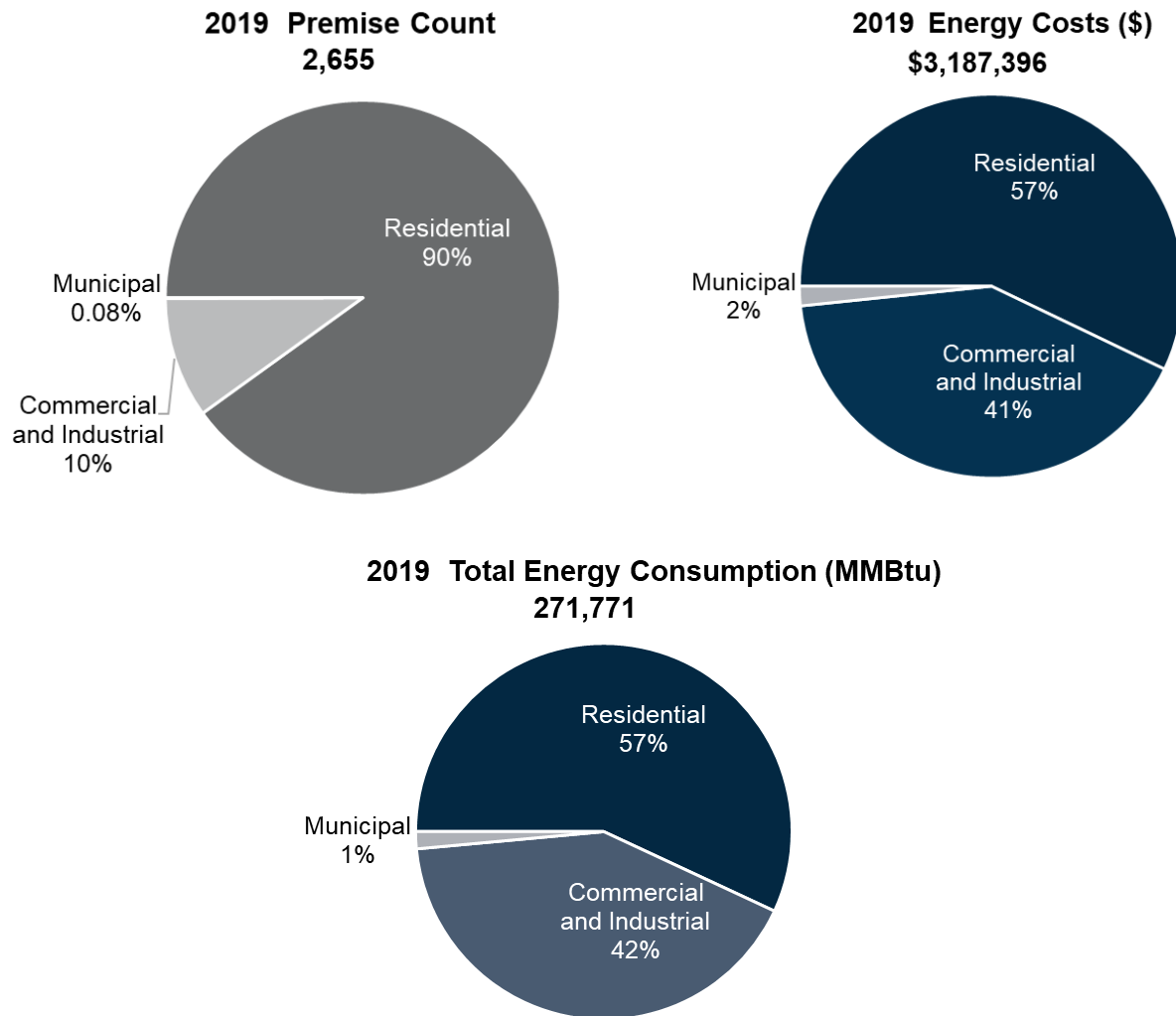


Figure 1. 2019 Premises and Energy Costs and Use by Sector

### Residential

Residences in Edgewater made up about 90 percent of the community’s premises and 57 percent of the community’s total energy costs and use in 2019 (Figure 1). This sector used approximately 155,000 MMBtu of energy (electricity and natural gas) at a cost \$1.8 million in 2019. The residential sector represented the largest portion of premises, energy use, and energy costs in the community and presents many potential opportunities for energy savings. In 2019, the residential sector consumed 12.6 million kWh of electricity (Figure 2) and 1.1 million therms of natural gas (Figure 3) which translates to an average of about 5,286 kWh and 467 therms per premise in 2019. In dollars, the cost of the energy used in Edgewater residences in 2019 was about \$761 per premise.



**2019 Electricity Consumption (kWh)**  
**22,894,016**

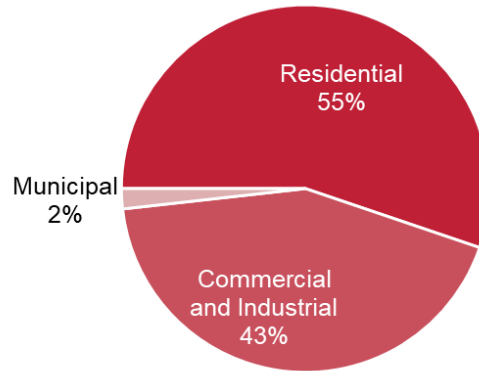


Figure 2. 2019 Electricity Consumption by Sector

**2019 Natural Gas Consumption (therms)**  
**1,936,567**

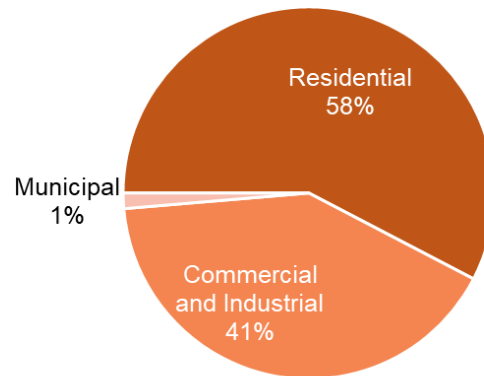


Figure 3. 2019 Natural Gas Consumption by Sector

Between 2017 and 2019, total residential energy consumption and costs have risen slightly, with weather as one driver of the fluctuations as year-over-year changes in energy consumption followed similar trends on heating degree days (HDD)<sup>1</sup>.

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<sup>1</sup> Heating degree days (HDD) is a measure of how cold a location is. A degree day compares the mean (the average of the high and low) outdoor temperatures recorded for a location to 65° Fahrenheit (F). A high number of heating degree days generally results in higher levels of energy use for space heating.

## Commercial

Commercial properties in Edgewater made up 41 percent of total energy costs (about \$1.3 million) and just 10 percent of total premises in 2019 (Figure 1). Commercial premises make up a small portion of total energy users but use a disproportionately high amount of energy for a higher per-premise cost, presenting a potential opportunity for saving energy through energy efficiency projects. The commercial sector consumed 9.8 million kWh of electricity (Figure 2) and 790,000 therms of natural gas (Figure 3) in 2019, which translates to about 38,000 kWh and 3,000 therms per premise, on average. In dollars, Edgewater commercial customers spent about \$5,000 per premise on energy in 2019.

Between 2017 and 2019, total commercial energy consumption and costs have risen slightly, with weather as one potential driver of the fluctuations as year-over-year changes in energy consumption followed similar trends on heating degree days (HDD).

## Municipal

Edgewater has two municipal buildings, the Edgewater Civic Center and the City's Public Works Shop. The Civic Center was designed and constructed to LEED Gold standards in 2018. This designation means it is a high-performance green building designed to be energy efficient and provide a healthy indoor environment for occupants and visitors. In fact, the Civic Center is estimated to use 30% less energy than a comparable office building. In 2019, the municipal sector consumed approximately 400,000 kWh of electricity and 26,000 therms of natural gas. In dollars, Edgewater spent just over \$52,000 on electricity and natural gas for its two buildings.

## Greenhouse Gas Emissions

Energy consumption contributes to the community's carbon footprint by emitting greenhouse gas emissions. The community's greenhouse gas emissions from electricity and natural gas between 2017 and 2019 are displayed in Figure 4 below. Edgewater emitted 22,000 metric tons of carbon dioxide (equivalent) in 2019 from energy use, which is comparable to the emissions generated by driving a car over 55 million miles in a year which is more than twice the circumference of the Earth.

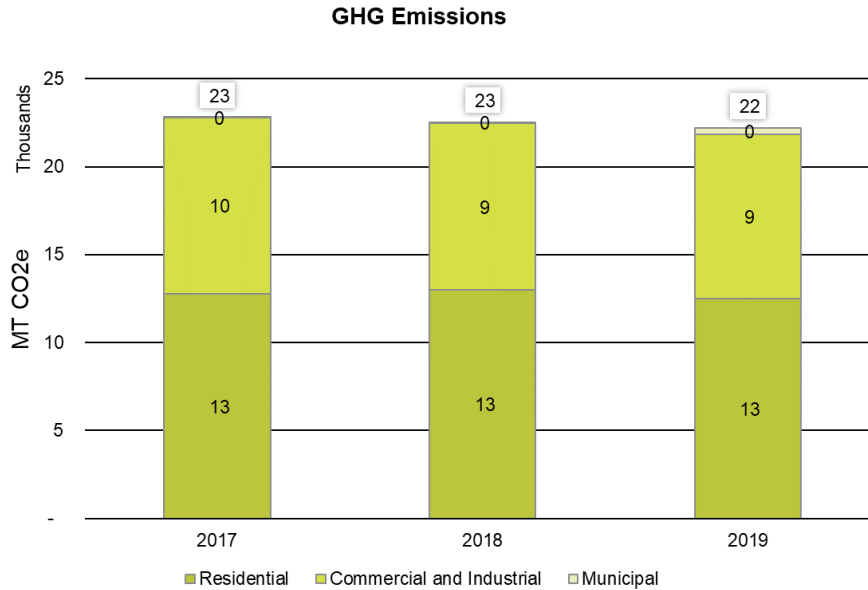


Figure 4. 2017-2019 Greenhouse Gas Emissions by Sector

Although Edgewater’s energy consumption has increased at the community scale, Xcel Energy’s electric grid infrastructure is adding renewable energy sources to lower the emissions associated with using electricity over time, resulting in decreased greenhouse gas emissions. Investing in energy efficiency improvements and implementing renewable energy installations within the Edgewater community will continue to help lower the community’s carbon footprint.

### Program Participation & Savings

The community energy profile also includes Xcel Energy’s energy efficiency and renewable energy program participation and associated energy savings for the residents and businesses of Edgewater. These data provide a snapshot of the types of programs customers are using and to what extent. The data also show opportunities for greater participation in the available programs and the opportunity for increased education and awareness about the programs.

In 2019, about 4.1 percent of eligible residential customers participated in Xcel Energy programs, saving 45,935 kWh and 3,490 therms. This equates to an average annual energy cost savings of \$60 per participating residence, or 8% of the annual energy cost for an average Edgewater residential premise. Figure 5 below shows which programs residents participated in between 2017-2019.

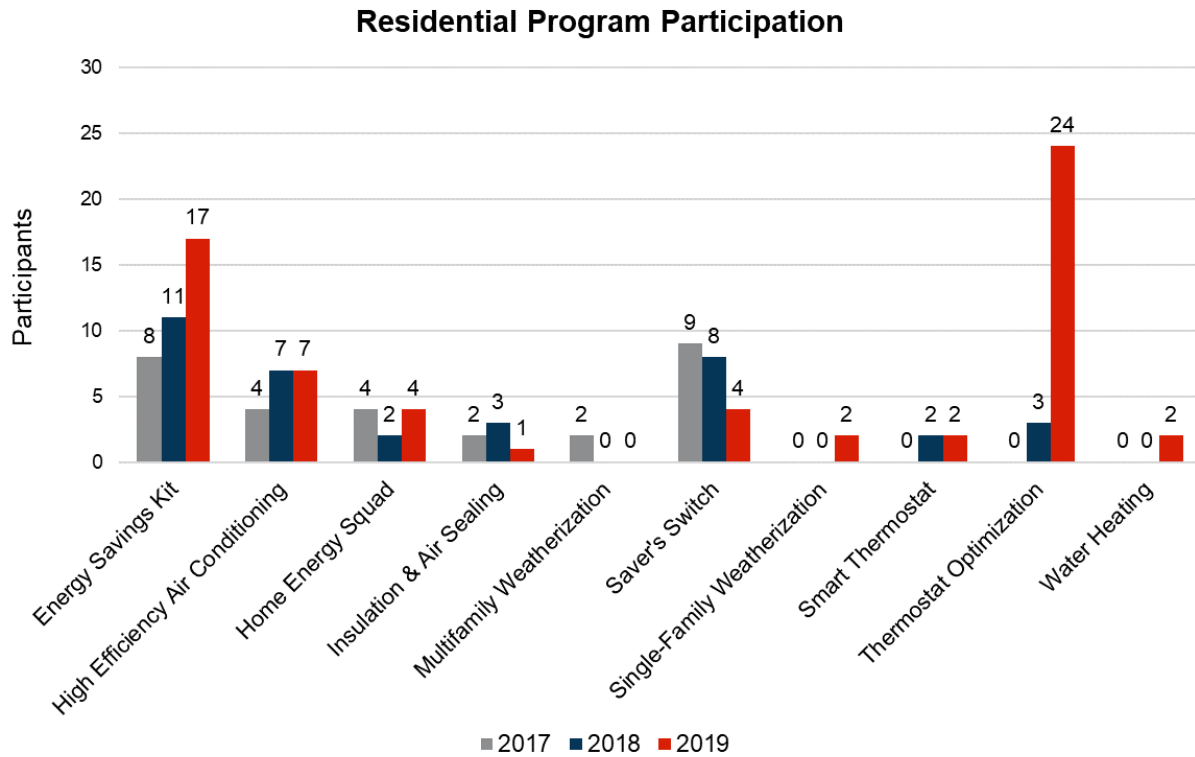


Figure 5. Residential Program Participation by Year, Program

In 2019, about 2.7 percent of eligible commercial customers participated in Xcel Energy programs, saving a total of 120,534 kWh of electricity and 22,617 therms of natural gas for a total of \$22,157 in cost savings. The amount of savings that a commercial customer can expect from participating in Xcel Energy’s energy efficiency program varies by property type and size. Figure 6 below shows which programs commercial customers participated in between 2017-2019.

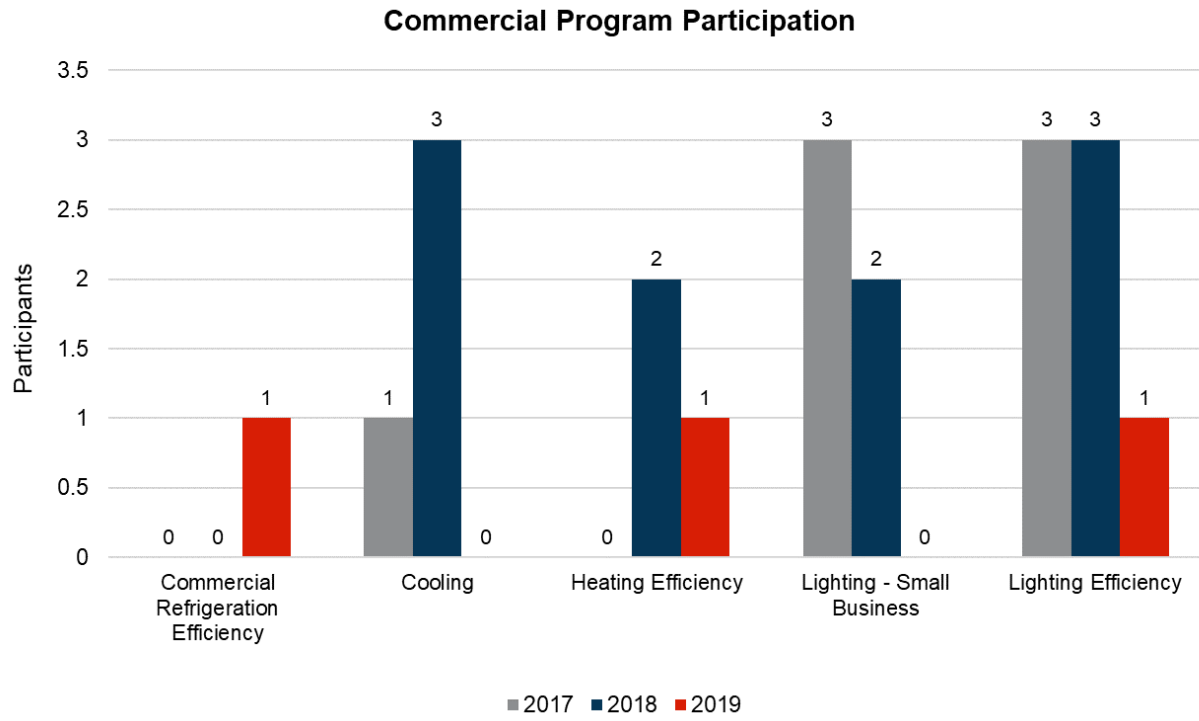
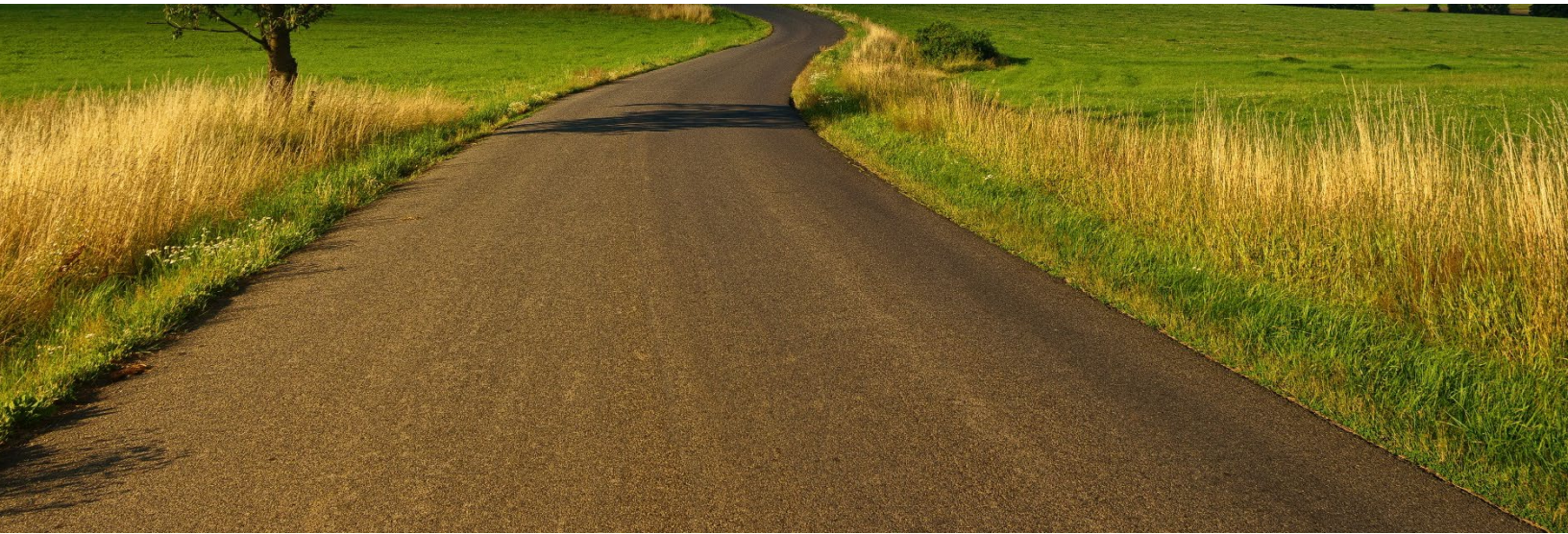


Figure 6. Commercial Program Participation by Year, Program

# WHERE WE ARE GOING



## Energy Vision Statement

During the planning process, the Energy Action Team created a vision statement for this Energy Action Plan. The vision statement was developed through interactive exercise in which team members identified Edgewater's core values and ideal energy future (Figure 7). This statement helped guide the planning process and reflects the intention of the community.

### Edgewater's Energy Vision

*Edgewater prioritizes sustainable and affordable energy solutions and community collaboration in order to create an equitable, thriving, and resilient community.*

## Goals

Using the Sustainability Plan goals as a foundation, the team set overarching energy efficiency and renewable energy goals to measure success:

- Edgewater will achieve annual energy savings equivalent to 3% or greater of its annual energy use.
- Increase the use of clean renewable energy from the current 28% level to 40% by 2025, 70% by 2030, and 100% by 2035.



Figure 7: Planning Team Vision Exercise

## Focus Areas

The Energy Action Team identified the following focus areas to prioritize strategies and resources.

- **Residential** focuses on energy efficiency in all homes, targeting homeowners, renters, and property managers.
- **Commercial** focuses on energy efficiency and electric vehicle improvements in businesses, institutions, and public facilities.
- **Renewables** focuses on increasing renewable energy use across the entire community.

# HOW WE ARE GOING TO GET THERE



This chapter includes the details outlining how we will reach our goals and achieve our vision. Each Focus Area includes two or more strategies, with detailed actions that will serve as a playbook for implementation. To help prioritize actions, each action is assigned one of the following tiers:

- Tier 1: Start working on these actions immediately after implementation begins
- Tier 2: Start working on these actions after Tier 1 actions are well underway
- Tier 3: Start working on these actions after Tier 2 actions are well underway

## Focus Area: Residential

Edgewater is a small, slow-growing community in the Denver Metro area, with approximately 2,500 homes. Though the majority (60%) of homes are single family, Edgewater has more than 1,000 multifamily units. Edgewater also has a large population of renters; approximately 60% of residents rent.



Though renters make up a large portion of residents, renters are traditionally difficult to engage in energy action because they may not have the authority to make energy improvements. Furthermore, renters don't always receive the cost-saving benefits of energy improvements. Given the difficulty of engaging with renters directly, the Energy Action Team chose to organize strategies around housing type. Strategies prioritize working with property owners to encourage participation in energy programs and rebates, and then working with tenants to educate them about the benefits of energy efficient behaviors and actions. Importantly, Xcel Energy offers a Multifamily Building Efficiency program. Since many tenants in multifamily buildings are renters, participation in the Multifamily Building Efficiency program is one way to benefit renters.



Importantly, the median income for households is approximately \$50,000, falling below the Statewide median of \$69,000. This indicates that households likely have less disposable income and ability to spend on energy efficiency or renewable energy upgrades. Thus, both residential strategies focus on no- and low-cost actions that can help residents save on their energy bill.

### **Strategy 1-1: Support energy efficiency upgrades for multifamily properties.**

Several no- and low-cost opportunities for multifamily property owners and tenants to save energy and money are available by encouraging behavior change and from Xcel Energy programs and rebates. The purpose of this strategy is to encourage property owners and management companies to take action toward energy efficiency.

#### Target Audience

- Multifamily building property owners/managers
- Multifamily building tenants

#### Desired Outcome

- 5 property owner/manager participants in the Multifamily Buildings Program by 2022

#### Timeline and Actions

##### *Tier 1: Start working on these actions immediately after implementation begins*

- Conduct outreach to multifamily property owners/managers
  - Develop list of multifamily rental property owners/managers
    - Use planning and zoning maps to help identify properties
    - Identify property management companies operating in Edgewater
  - Develop and distribute collateral promoting Xcel Energy's Multifamily Buildings program
    - Train volunteers on key messages
    - Target large properties with direct outreach (e.g., phone calls, in-person visits)
    - Broadly distribute messaging through email newsletters and City website
    - Connect interested properties to Xcel Energy program managers

##### *Tier 3: Start working on these actions after Tier 2 actions are well underway*

- Conduct outreach to tenants
  - Work with HOAs and property management companies to identify best communication channels for tenants
  - Develop and distribute collateral promoting energy efficiency tips and program opportunities
    - Focus on promoting behaviors that reduce energy costs while maintaining or improving comfort
    - Encourage tenants to work with their property owner to make energy improvements

## Resources

- [Partners in Energy Multifamily & Rentals Toolkit](#)
- Communication channels
  - Sustainability Board website
  - Town Cryer email newsletter
  - Door-to-door outreach through CLEAResult (vendor for Xcel Energy Multifamily Buildings Program)
- Tools for identifying multifamily properties
  - Property owners form for rentals submitted to City
  - Planning and Zoning maps
  - Code enforcement contacts

## Roles and Responsibilities

- Energy Action Team to **lead** identification of and outreach to property owners/managers
- CLEAResult to **support** outreach to property owners/managers
- Partners in Energy to **lead** development and printing of collateral promoting programs and efficiency tips
- Energy Action Team to **support** by reviewing collateral
- Partners in Energy to **lead** data tracking for program participation

## **Strategy 1-2: Conduct a residential energy efficiency campaign for homeowners and renters.**

Several no- and low-cost opportunities for residents to save energy and money are available through behavior change and Xcel Energy programs and rebates. The purpose of this strategy is to educate residents about these opportunities and connect them with the best programs and rebates to fit their needs, saving them energy and money.

## Target Audience

- Homeowners
- Rental property owners
- Renters

## Desired Outcome

- 250 participants in residential energy efficiency programs annually

## Timeline and Actions

*Tier 1: Start working on this action immediately after implementation begins*

- Conduct a social media campaign
  - Develop and implement social media content and schedule
    - Coordinate with Xcel Energy marketing efforts
    - Create materials that target renters and homeowners
    - Ensure collateral available bi-lingually

*Tier 2: Start working on these actions after Tier 1 actions are well underway*

- Develop and distribute print collateral promoting residential energy efficiency programs and tips
- Send outreach material to the schools for students to take home. This material will promote programs (e.g., Home Energy Squad) and share home energy saving tips
- Customize Energy Savings Kits for Edgewater and distribute to residents
- Conduct Home Energy Squad buy-down campaign to reduce program participation cost for residents

*Tier 3: Start working on these actions after Tier 2 actions are well underway*

- Conduct outreach at community events in coordination with renewable energy campaign
  - Develop collateral promoting Home Energy Squad and other residential energy efficiency programs
  - Develop and implement schedule of community events and volunteers

Resources

- Communication channels
  - Nextdoor.com
  - City website
  - City social media
  - City Facebook page
  - City email newsletters (Town Cryer, City Weekly, PlayEdgewater, waterbill)
  - Press releases
  - 25<sup>th</sup> Avenue digital sign
  - School take-home packets
  - HOA email lists
  - Direct mailers
  - Edgewater Echo
  - Community banners

Roles and Responsibilities

- Partners in Energy to **lead** development and printing of campaign collateral
- Energy Action Team to **support** by reviewing campaign collateral
- City of Edgewater to **lead** social media distribution
- Energy Action Team to **lead** flyer distribution and event outreach

## Focus Area: Commercial

Edgewater has a small business community with just under 100 employers and a mix of business types including large and small retail chains and local businesses. Retail, health care, and food service are among the top industries in Edgewater.



In addition to Edgewater's businesses, the commercial sector includes schools, religious institutions, 501(c)(3) non-profits, and the City operations. Edgewater has three public schools, including Jefferson Jr/Sr High School and Lumberg and Edgewater Elementary. Gold Crown, which provides a free after school enrichment program for kids, is one non-profit located in the City, though several other non-profits conduct outreach within Edgewater's boundaries.

The strategies in this focus area aim to engage businesses and the non-profit community in energy education to encourage action that will support economic recovery and community resilience. The Energy Action Team identified upfront costs and a lack of time and resources as the main barriers to taking energy action. Thus, much like the residential focus area, the strategies below focus on no- and low-cost measures to help businesses and institutions save on their energy bills. This focus area also includes a strategy to incorporate electric vehicles into the City fleet.

### Strategy 2-1: Conduct a business energy efficiency campaign.

Several no- and low-cost opportunities for businesses to save energy and money are available through behavior changes and Xcel Energy programs and rebates. The purpose of this strategy is to educate businesses about these opportunities and connect them with the best programs and rebates to fit their needs, saving them energy and money.

#### Target Audience

- Business owners

#### Desired Outcome

- 20 participants in business energy efficiency programs annually

#### Timeline and Actions

##### *Tier 1: Start working on this action immediately after implementation begins*

- Complete business energy audit for Joyride Brewing and leverage outcomes in marketing materials to share during business outreach
- Conduct direct outreach to individual businesses
  - Collect list of businesses and sort into business type
  - Match programs with business types
  - Develop talking points and informational material by business type to share with businesses
  - Conduct door-to-door outreach to businesses
  - Follow up with businesses for testimonials

## Resources

- Tools to support outreach
  - List of Edgewater businesses to map business type to program
  - Business type-specific flyers
  - Business type-specific talking points
  - [Partners in Energy Small & Medium Business Toolkit](#)
- Communication Channels
  - Business associations
  - Direct contact – “friendly visits” – drop off flyers in person

## Roles and Responsibilities

- City of Edgewater to **lead** business identification
- Partners in Energy to **lead** development and printing of campaign collateral
- Energy Action Team to **lead** outreach (Grant Babb, Hannah Gay Keao, and Shawn Doolen)

## Strategy 2-2: Support energy efficiency upgrades for non-profits.

Several no- and low-cost opportunities for non-profits to save energy and money are available through behavior changes and Xcel Energy programs and rebates. The purpose of this strategy is to educate non-profits about these opportunities and connect them with the best programs and rebates to fit their needs, saving them energy and money.

## Target Audience

- Schools
- Religious institutions
- 501(c)(3) organizations

## Desired Outcomes

- Reach 25% of students in Title IX elementary schools with school energy kits and energy efficiency information
- Reach 25% of religious institutions with home energy efficiency kits and energy efficiency information
- 3 non-profit sector participants in energy efficiency programs by 2022

## Timeline and Actions

### *Tier 1: Start working on this action immediately after implementation begins*

- Complete energy audit for Gold Crown Foundation and leverage outcomes in marketing materials to share during business outreach

### *Tier 2: Start working on this action after Tier 1 actions are well underway*

- Conduct direct outreach to non-profits
  - Identify points of contact for non-profits
  - Host meetings to identify scope of resources needed and partnership
  - Develop talking points and informational material to share with non-profits

- Ensure collateral oriented toward audience (e.g., students vs. adults)
- Consider highlighting renewable energy trust
- Ensure collateral available bi-lingually
- Distribute information and materials through non-profit partners

*Tier 3: Start working on these actions after Tier 2 actions are well underway*

- Host energy efficiency workshops/virtual learning opportunity targeted to non-profits
  - Create workshop plan and schedule
  - Develop and distribute collateral promoting workshops building on information shared through original collateral
  - Host workshops
  - Followup with attendees

#### Resources

- Supporting Programs and Tools for Non-Profits
  - [Partners in Energy Congregations Toolkit](#)
  - [Xcel Energy virtual classroom and curriculum](#)
  - [Renewable Energy Trust](#)
  - Energy Outreach Colorado [Nonprofit Energy Efficiency Program \(NEEP\) and Affordable Housing Rebate Program](#)
  - Mile High Youth Corps [Free Energy & Water Services](#) for Non-profits
- Non-Profit Partners
  - Schools
  - Religious institutions
  - Gold Crown Foundation
  - Brothers Redevelopment
  - Boys and Girls Club

#### Roles and Responsibilities

- Energy Action Team to **lead** development of list of partners (Shawn Doolen)
- Energy Action Team to **lead** initial outreach to potential partners
- Partners in Energy to **lead** meetings with partners
- Energy Action Team to **support** meetings with partners
- Partners in Energy to **lead** development and printing of collateral
- Energy Action Team to **lead** workshop planning and hosting, and direct outreach
- Partners in Energy to **support** planning and hosting for workshops
- Xcel Energy to **lead** connecting partners to appropriate programs (Kynnie Martin)

#### **Strategy 2-3: Incorporate electric vehicles (EVs) into the City's fleet.**

Fleet electrification resources are available through the State of Colorado, regional partners, Xcel Energy, and other entities. The purpose of this strategy is to leverage

these resources to support the electrification of the City of Edgewater fleet, ultimately reducing the total cost of ownership for the City and transitioning to clean fuel sources.

#### Target Audience

- City of Edgewater

#### Desired Outcome

- Add electric vehicles (EVs) to the City fleet to replace appropriate internal combustion engine (ICE) vehicles over a considered period of time

#### Timeline and Actions

*Tier 2: Start working on this action after Tier 1 actions are well underway*

- Explore the Partners in Energy EV Toolkit to identify potential EV strategies
- Coordinate City departments to understand full City inventory and vehicle needs
- Explore available EV programs after the approval of Xcel Energy Transportation Electrification Plan (TEP) approval in 2021
- Consider participating in Xcel Energy's Fleet Electrification Advisory Program (FEAP) to conduct a fleet evaluation using telematics for City-owned vehicles and identify vehicles to be replaced with EVs
- Develop vehicle replacement policy that prioritizes EVs during procurement
- Incorporate full lifecycle costs of vehicles into budgeting process, including annual fuel and maintenance costs

#### Resources

- Supporting Programs and Resources
  - [Xcel Energy EV programs \(FEAP\)](#)
  - [Partners in Energy EV Toolkit](#)
  - [US Climate Mayors Purchasing Collaborative](#)
- Partners
  - Denver Metro Clean Cities
  - Colorado Energy Office

#### Roles and Responsibilities

- City of Edgewater to **lead** fleet electrification efforts
- Partners in Energy and Xcel Energy (Kynn timer) to **support** coordination of FEAP participation and sharing other communities' learnings
- Partners in Energy to **support** identification of other fleet electrification resources.
- Energy Action Team to **support** promotion of fleet electrification efforts

### Focus Area: Renewables

The Edgewater Sustainability Plan set a lofty goal to increase the use of clean renewable energy from the current 28% level to 40% by 2025, 70% by 2030, and 100% by 2035. To achieve these goals, residents, businesses, and the City will all have to do their part. Cost is one of the



biggest barriers Edgewater faces on their journey toward 100% renewable energy. In some cases, the upfront costs of on-site renewable technology will prevent residents and businesses from investing. Xcel Energy offers several programs, such as Renewable\*Connect® and Windsorce®, to allow community members to subscribe to renewable sources. Still, participating in these programs costs money, which may present a barrier for Edgewater community members, especially businesses and households struggling to cope with the economic impacts of the COVID-19 pandemic.

To help Edgewater achieve their ambitious renewable energy goals, this plan sets forth three strategies. The first strategy seeks to lead by example, focusing on efforts within the City's control. The second strategy aims to educate residents regarding the renewable offerings available and connect as many residents as possible with the programs that are right for them. The final strategy strives to address the barriers present, for low-income community members, by sharing and potentially developing renewable energy offerings that give low-income community members access to renewable energy at no cost or even for a net-positive gain on their energy bills.

### **Strategy 3-1: Invest in solar for City facilities.**

The purpose of this strategy is for the City of Edgewater to lead by example and to share lessons learned, from on-site solar installation, with other community members - to encourage community participation in pursuit of the community's renewable energy goal. The City is interested in installing an on-site solar array; the initial size estimate is between 140 and 220 kW. This size array could supply between 54% and 85% of the building's electricity use and generate between 212,000 and 326,000 kWh annually.

#### Target Audience

- City Council
- City staff
- Sustainability Board

#### Desired Outcome

- Install a rooftop solar system on the Civic Center by end of year 2021

#### Timeline and Actions

*Tier 1: Start working on this action immediately after implementation begins*

- Contract and complete solar project
  - Research Request for Proposal (RFP) best practices for solar
  - Work with Xcel Energy to draft RFP
  - Align with FY21 budget
  - Issue RFP and award contract
  - Identify remaining gap (electricity use not covered by solar)

*Tier 2: Start working on this action after Tier 1 actions are well underway*

- Explore potential to leverage multiple avenues to cover remaining gap with renewable energy
  - Complete capacity interest form for Renewable\*Connect



- Identify ways to leverage effort through participation from businesses, non-profits, and residents

*Tier 3: Start working on these actions after Tier 2 actions are well underway*

- Promote the City's renewable energy efforts to community
  - Develop communications showing progress toward renewable energy goals and sharing ways community members can participate
    - Highlight the City's leadership by example
    - Promote opportunity for residents and businesses to participate in Renewable\*Connect
  - Install a sign or dashboard, at the Civic Center, promoting the solar project

Resources

- Supporting Programs
  - Solar\*Rewards®
  - Renewable\*Connect
  - [Renewable Energy Trust](#)
- Communication Channels
  - Nextdoor.com
  - City website
  - City Facebook page
  - Business associations
  - Town Cryer email newsletter
  - Edgewater Echo

Roles and Responsibilities

- City of Edgewater to **lead** project contracting and completion
- Xcel Energy to **support** RFP development
- Partners in Energy to **lead** data analysis of progress toward goals
- City of Edgewater to **lead** capacity interest form
- Partners in Energy to **lead** development of promotional materials
- Energy Action Team to **support** by reviewing project promotional materials

**Strategy 3-2: Conduct a residential renewable energy campaign.**

A variety of renewable energy options are available for residents through Xcel Energy programs. The purpose of this strategy is to educate residents about these opportunities and connect them with the best programs to fit their needs, contributing toward the community's renewable energy goal.

Target Audience

- Homeowners
- Rental property owners
- Renters

## Desired Outcome

- Engage 100 residents around renewable energy programs annually

## Timeline and Actions

### *Tier 1: Start working on this action immediately after implementation begins*

- Support resident participation in renewable subscription programs, such as Windsource®
- Support resident participation in community solar programs, including Renewable\*Connect and third-party solar installations
  - Identify list of interested residents
  - Help interested residents sign up when capacity becomes available

### *Tier 2: Start working on this action after Tier 1 actions are well underway*

- Conduct a social media campaign to promote renewable energy programs
  - Develop and implement social media schedule and content

### *Tier 3: Start working on these actions after Tier 2 actions are well underway*

- Conduct outreach at community events in coordination with energy efficiency campaign
  - Develop collateral promoting residential renewable energy programs
  - Develop and implement schedule of community events and volunteers

## Resources

- Communication channels
  - Nextdoor.com
  - City website
  - City social media
  - City Facebook page
  - City email newsletters (Town Cryer, City Weekly, PlayEdgewater, waterbill)
  - Press releases
  - 25<sup>th</sup> Avenue digital sign
  - School take-home packets
  - HOA email lists
  - Direct mailers
  - Edgewater Echo
  - Community banners

## Roles and Responsibilities

- Energy Action Team to **lead** identification and support of residents interested in community solar
- Partners in Energy to **lead** development and printing of campaign collateral
- Energy Action Team to **support** by reviewing campaign collateral
- Energy Action Team to **lead** event outreach
- City of Edgewater to **lead** social media distribution

### Strategy 3-3: Support renewable energy programs for low-income residents.

A limited amount of no-cost renewable energy options exists for residents. The purpose of this strategy is to identify existing opportunities and explore the development of new opportunities - to reduce cost barriers for low-income residents to participate in renewable energy programs

#### Target Audience

- Low-income homeowners
- Rental property owners
- Low-income renters

#### Desired Outcome

- Identify a pathway to renewable energy for low-income residents

#### Timeline and Actions

*Tier 2: Start working on this action after Tier 1 actions are well underway*

- Promote existing low-income renewable energy opportunities
  - Inventory existing opportunities, including GRID Alternatives, Energy Outreach Colorado, grant opportunities, Habitat for Humanity, and low-income carve-outs in community solar gardens
  - Promote opportunities to low-income residents, emphasizing the value of prioritizing energy efficiency before renewable energy

*Tier 3: Start working on these actions after Tier 2 actions are well underway*

- Create a program to offset renewable energy costs for low-income residents
  - Research best practices, including bulk purchase options (e.g., Solar United Neighborhoods)
  - Design program and determine next steps

#### Resources

- Potential Partners
  - GRID Alternatives [low-income solar programs](#)
  - Energy Outreach Colorado
  - Habitat for Humanity
  - Colorado Energy Office

#### Roles and Responsibilities

- Energy Action Team to **lead** inventory of existing renewable energy opportunities
- Partners in Energy to **support** inventory of existing low-income renewable energy opportunities
- Energy Action Team to **lead** research and design of low-income renewable energy program
- Partners in Energy to **support** research and design of low-income renewable energy program
- City of Edgewater to **support** design of low-income renewable energy program

- Partners in Energy to **lead** collateral development and printing

### Energy Action Plan Impact

The combined targets and strategies outlined in this plan will save an additional 970,000 kWh of electricity and 47,000 therms of natural gas, achieving the plan goal of 3% savings based on 2019 energy use. The community has set aspirational targets of increasing energy savings and program participation significantly over historical levels. Achieving these aspirational targets will increase participation by 274 residences and businesses in Edgewater.

	Residential	Commercial	Total
Incremental Electricity Savings (kWh/yr)	260,000	710,000	970,000
Incremental Natural Gas Savings (therms/yr)	38,000	9,000	47,000
Incremental GHG Savings (MT CO <sub>2</sub> e)	300	400	700
Incremental Cost Savings (\$)	\$4,400	\$50,100	\$54,500
Participant Increase	252	22	274

# HOW WE STAY ON COURSE



As shown in Figure 8, this Energy Action Plan is a living document; so priorities and strategy scope may shift slightly through the implementation process, based on community and staff capacity.

## Data and Reporting

Partners in Energy will provide biannual progress reports that include metrics of success and overall progress toward goals for Xcel Energy rebates and programs. These reports will be available publicly and shared with both the community and Energy Action Team.

If available, ad-hoc participation reports for specific Xcel Energy programs (e.g., Home Energy Squad) can be provided to measure success of campaigns and determine if we need to change course.

## Project Management and Tracking

Partners in Energy will host regular project management check-in calls with the Energy Action Team to ensure we stay on course in achieving our strategies. Implementation will begin with full team meetings every two weeks addressing all three focus areas and will be adjusted as needed.

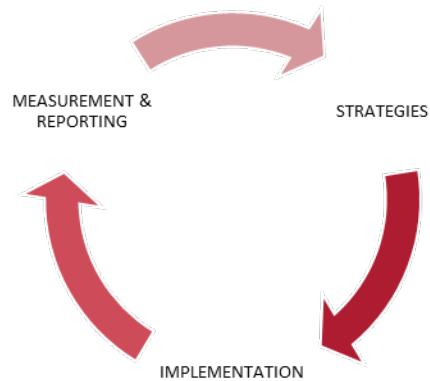


Figure 8. Actions and Tracking

## **Energy Action Team Commitment**

An Energy Action Team will be formed to support implementation by attending applicable implementation check-in calls and serving as liaisons to the rest of the community. Energy Action Team members will include representatives from the planning team (see [Acknowledgements](#) for a complete list), and will provide opportunities for additional community members to join and contribute. Energy Action Team commitments are more clearly outlined in each strategy and in the Implementation Memorandum of Understanding (MOU) (see Appendix E: Implementation Memorandum of Understanding). The Energy Action Team will be expected to take an active role in identifying appropriate Xcel Energy programs, developing appropriate messaging, and disseminating information to community members. The Energy Action Team may also be asked to serve as liaison to relevant decision-making bodies such as the Sustainability Board and City Council.

# APPENDIX A: XCEL ENERGY'S PARTNERS IN ENERGY PLANNING PROCESS



## About Xcel Energy's Partners in Energy

Xcel Energy is an electric and natural gas utility that provides the energy that powers millions of homes and businesses across eight Western and Midwestern states. Each community Xcel Energy serves has its own unique priorities and vision for its energy future. The energy landscape is dynamically changing with communities leading the way in setting energy and sustainability goals. To continue to innovatively support their communities, Xcel Energy launched Partners in Energy in the summer of 2014 as a collaborative resource with tailored services to complement each community's vision. The program offerings include support to develop an energy action plan or electric vehicle plan, tools to help implement the plan and deliver results, and resources designed to help each community stay informed and achieve their outlined goals.



Partners in Energy Process for Success



Resources from Xcel Energy for Implementation

## **Plan Development Process**

The content of this plan is derived from a series of planning workshops held virtually with a planning team committed to represent local energy priorities and implement plan strategies. The planning team included representatives from City staff, City Council, the Sustainability Board, the business community, the local school district, local non-profits, and Xcel Energy (see [Acknowledgements](#) for a complete list).

Two workshops were held between September and November 2020. The first workshop began with an overview of the planning process and baseline data, followed by visioning, goal-setting, and strategy brainstorming activities. Participants refined the vision and goals and prioritized strategies through an online survey between workshops. The second workshop focused on action planning for the selected strategies. After review by the planning team, the Energy Action Plan was recommended by the Edgewater Sustainability Board and signed by the City Manager.



# APPENDIX B: ADDITIONAL ENERGY DATA



Additional charts are provided below to supplement the data and trends described above in the Where Are We Now section. Definitions of key terms presented in these graphs are available in **Appendix C: Glossary of Terms**.

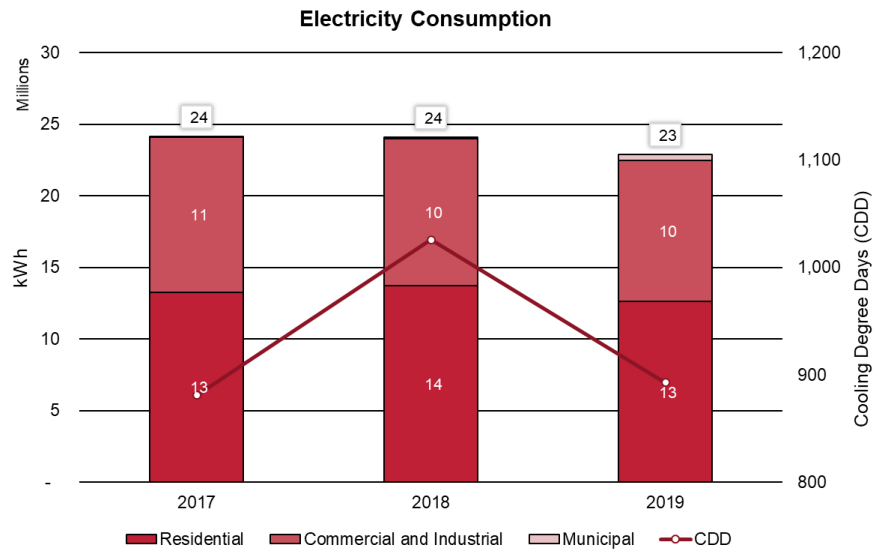


Figure 9. 2017-2019 Electricity Consumption by Sector

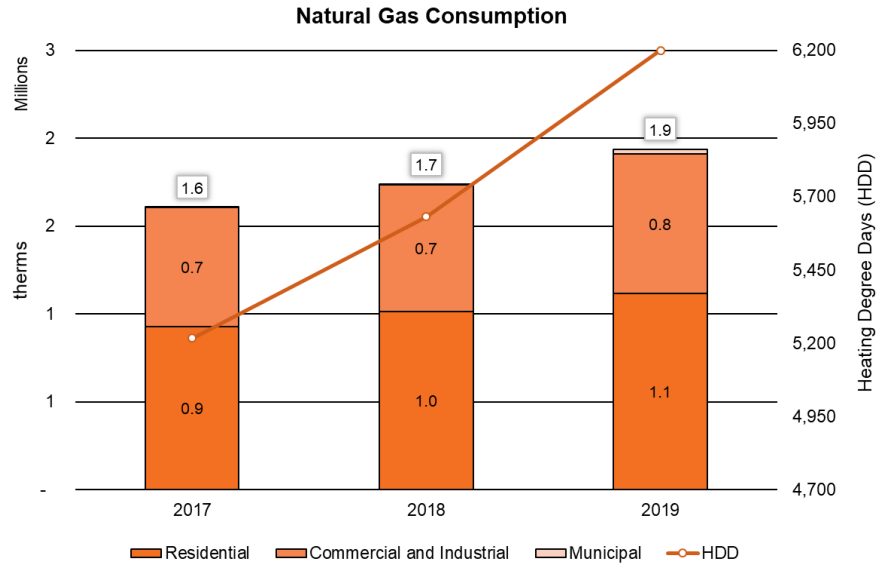
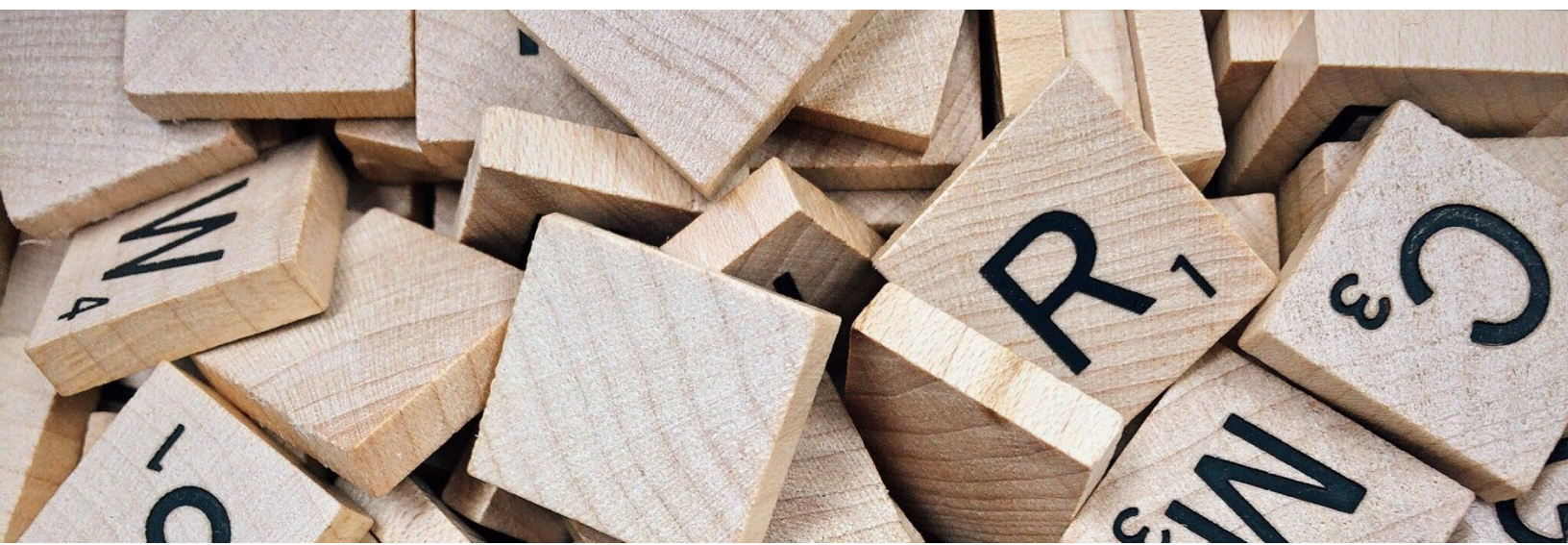


Figure 10. 2017-2019 Natural Gas Consumption by Sector

## APPENDIX C: GLOSSARY OF TERMS



**15 x 15:** Xcel Energy’s privacy rule, which require all data summary statistics to contain at least 15 premises, with no single premise responsible for more than 15% of the total. Following these rules, if a premise is responsible for more than 15% of the total for that data set, it is removed from the summary.

**Carbon-free:** Carbon-free refers to sources of energy that will not emit additional carbon dioxide into the air. While wind, solar, and nuclear energy are all carbon-free sources, only wind and solar are renewable.

**Carbon-neutral:** Carbon-neutral, also described as “net zero” could include carbon-free sources but is broader and refers to energy that removes or avoids as much carbon dioxide as is released over a set period of time. Carbon-neutral is sometimes used to describe a site that produces an excess amount of electricity from a renewable energy source, such as solar, compared to what it consumes. That excess energy is put back into the grid in an amount that offsets the carbon dioxide produced from the electricity it draws from the grid when it is not producing renewable energy.

**Community Data Mapping:** A baseline analysis of energy data in a geospatial (map) format across the community.

**Demand Side Management (DSM):** Modification of consumer demand for energy through various methods, including education and financial incentives. DSM aims to encourage consumers to decrease energy consumption, especially during peak hours, or to shift time of energy use to off-peak periods such as nighttime and weekend.

**Direct Installation:** Free energy-saving equipment, installed by Xcel Energy or other organization for program participants, that produces immediate energy savings.

**Energy Burden:** Percentage of gross household income spent on energy costs.

**Greenhouse Gases (GHG):** Gases in the atmosphere that absorb and emit radiation and significantly contribute to climate change. The primary greenhouse gases in the earth's atmosphere are water vapor, carbon dioxide, methane, nitrous oxide, and ozone.

**Grid Decarbonization:** The current planned reduction in the carbon intensity of electricity provided by electric utilities through the addition of low- or no-carbon energy sources to the electricity grid.

**Kilowatt-hour (kWh):** A unit of electricity consumption.

**Million British Thermal Units (MMBtu):** A unit of energy consumption that allows both electricity and natural gas consumption to be combined.

**Metric Tons of Carbon Dioxide Equivalent (MTCO<sub>2e</sub>):** A unit of measure for greenhouse gas emissions. The unit "CO<sub>2e</sub>" represents an amount of a greenhouse gas whose atmospheric impact has been standardized to that of one unit mass of carbon dioxide (CO<sub>2</sub>), based on the global warming potential (GWP) of the gas.

**Megawatt (MW):** A unit of electric power equal to 1 million watts.

**Premise:** A unique identifier for the location of electricity or natural gas service. In most cases it is a facility location. There can be multiple premises per building, and multiple premises per individual debtor.

**Renewable Energy Certificate (REC):** For every megawatt-hour of clean, renewable electricity generation, a renewable energy certificate (REC) is created. A REC embodies all of the environmental attributes of the generation and can be tracked and traded separately from the underlying electricity. Also known as a Renewable Energy Credit.

**Resilience:** The ability to prepare for and adapt to changing conditions and withstand and recover rapidly from disruptions. Resilience includes the ability to withstand and recover from deliberate attacks, accidents, or naturally occurring threats or incidents.

**Recommissioning:** An energy efficiency service focused on identifying ways that existing building systems can be tuned up to run as efficiently as possible.

**Solar Garden:** Shared solar array with grid-connected subscribers who receive bill credits for their subscriptions.

**Solar Photovoltaic (PV):** Solar cells/panels that convert sunlight into electricity (convert light (photons) into electricity (voltage)).

**Subscription:** An agreement to purchase a certain amount of something in regular intervals.

**Therm (thm):** A unit of natural gas consumption.

**Trade Partner:** Trade Partners, also known as Trade Allies or Business Trade Partners, are vendors and contractors who work with business and residential customers servicing, installing, and providing consulting services regarding the equipment associated with utility rebate programs. Their support for utility programs can range from providing equipment and assisting with rebate paperwork, to receiving rebates for equipment sold.

## APPENDIX D: SUSTAINABILITY PLAN REFERENCE TABLE

Sustainability Plan and Energy Action Plan Reference Table				
Edgewater Sustainability Plan - Energy (p. 16)		Edgewater Energy Action Plan		
Goal	Action	Coverage	Strategy	Tier
Increase energy efficiency opportunities for homes, businesses, government and transportation.	Encourage and track energy audits.	Full	Strategy 2-1: Conduct a business energy efficiency campaign.	1
			Strategy 2-2: Support energy efficiency upgrades for non-profits.	1
			Strategy 1-2: Conduct a residential energy efficiency campaign for homeowners and renters.	2,3
	Implement an LED swapping program, including streetlights.	In progress ahead of Energy Action Plan; supported by Partners in Energy.		
	Develop a policy to automatically update building codes with no more than a three-year lag.	N/A		
	Leverage rebate and discount energy efficiency programs for homes, businesses and efficient vehicles.	Full	Strategy 1-1: Support energy efficiency upgrades for multifamily properties.	1, 3
			Strategy 1-2: Conduct a residential energy efficiency campaign for homeowners and renters.	1,2,3
			Strategy 2-1: Conduct a business energy efficiency campaign.	1
			Strategy 2-2: Support energy efficiency upgrades for non-profits.	1,2,3
			Strategy 2-3: Incorporate electric vehicles (EVs) into the City's fleet.	2
		Strategy 3-2: Conduct a residential renewable energy campaign.	1,2,3	

			Strategy 3-3: Support renewable energy programs for low-income residents.	2,3
	Publicize Edgewater efficiency data monthly or annually through outreach channels.	Partial	How We Stay On Course: Data and Reporting	
	Develop benchmark for all commercial properties with the help of ENERGY STAR Portfolio Manager.	N/A		
	Join Xcel's Partners in Energy program to take advantage of their free offerings to implement tailored energy strategies for our community.	Completed with adoption of the Energy Action Plan		
Increase the use of clean renewable energy from the current 28% level to 40% by 2025, 70% by 2030 and 100% by 2035.	Develop policies to support City led solar installations.	N/A		
	Establish Edgewater solar group-buy program to ease the purchase of community solar.	Partial	Strategy 3-3: Support renewable energy programs for low-income residents.	1,2
	Streamline permitting for solar systems and electric vehicle charge controllers.	N/A		
	Publicize Xcel renewable energy programs.	Full	Strategy 3-1: Invest in solar for City facilities.	2,3
			Strategy 3-2: Conduct a residential renewable energy campaign.	1,2,3
Be designated as a Department of Energy SolSmart City by removing obstacles to solar energy development.	N/A			

## **Memorandum of Understanding Phase 2 – Plan Implementation**

City of Edgewater  
1800 Harlan St  
Edgewater, CO 80214

The intent of this Memorandum of Understanding is to recognize the achievement of the City of Edgewater (the City) in developing an Energy Action Plan. Xcel Energy, through its Partners in Energy offering, has supported the development of this Energy Action Plan. This document outlines how the City of Edgewater and Xcel Energy will continue to work together to implement this Energy Action Plan. The term of this joint support, as defined in this document, will extend from February 1, 2021 through July 31, 2022.

**Xcel Energy will support the City of Edgewater in achieving the goals of its Energy Action Plan in the following ways:**

### **Residential Focus Area**

- **1-1 Support energy efficiency upgrades for multifamily properties.**
  - Lead development and printing of collateral promoting Xcel Energy's Multifamily Buildings program.
  - Support outreach to multifamily property owners, including developing talking points and content for email newsletters and webpages.
  - Coordinate with Xcel Energy program staff and CLEAResult staff around outreach to and program support for multifamily property owners.
  - Lead tracking for program participation.
  - Provide best practices for engaging renters.
  - Lead development and printing of collateral promoting energy efficiency tips and program opportunities for renters.
- **1-2 Conduct a residential energy efficiency campaign for homeowners and renters.**
  - Develop content and schedule for social media campaign, including Spanish translation of relevant content.
  - Lead development and printing of collateral promoting residential energy efficiency programs and tips, including materials targeted toward students.
  - Coordinate with Xcel Energy staff to customize Energy Savings Kits for Edgewater.
  - Coordinate with Xcel Energy program staff and CLEAResult for program details and to organize a Home Energy Squad buy-down.
  - Lead development and printing of collateral promoting the Home Energy Squad buy-down.
  - Support outreach at community events by helping coordinate logistics, developing materials, and training volunteers.
  - Provide staffing for two virtual or in person community events.
  - Lead tracking for program participation.



Support funded by Xcel Energy for this strategy is not to exceed 60 hours. These hours will include those provided through our Partners in Energy team from Brendle Group and do not include support provided by Xcel Energy internal program staff.

### **Commercial Focus Area**

- **2-1 Conduct a business energy efficiency campaign.**
  - Develop collateral to share testimonials about participation in business energy audits by Joyride Brewing and other local businesses.
  - Provide best practices for matching business types with available energy programs and energy efficiency tips.
  - Lead development and printing of collateral promoting business energy efficiency tips and programs.
  - Coordinate with Xcel Energy program staff for program details.
  - Support business outreach by developing talking points and training volunteers.
  - Lead tracking for program participation.
- **2-2 Support energy efficiency upgrades for non-profits.**
  - Support meetings with non-profits to understand energy needs by developing meeting agendas, supporting meeting facilitation, and taking notes.
  - Lead development and printing of collateral promoting energy efficiency tips and programs relevant to various non-profits; translate materials as relevant.
  - Coordinate with Xcel Energy program staff for program details.
  - Host two virtual energy efficiency workshops targeted toward non-profits.
- **2-3 Incorporate electric vehicles (EVs) into the City's fleet.**
  - Support the City's participation in the Fleet Electrification Advisory Program and other Xcel Energy fleet EV programs.
  - Provide updates to the City on Xcel Energy's Transportation Electrification Plan.
  - Leverage the EV Toolkit to provide best practices and lessons learned from other municipal EV efforts, including developing vehicle replacement policies and incorporating lifecycle costs into budgeting processes.
  - Share municipal EV funding resources with the City, including state grants and purchasing collaboratives.
  - Lead development of collateral promoting fleet electrification efforts.

Support funded by Xcel Energy for this strategy is not to exceed 70 hours. These hours will include those provided through our Partners in Energy team from Brendle Group and do not include support provided by Xcel Energy internal program staff.

### **Renewables Focus Area**

- **3-1 Invest in solar for City facilities.**
  - Lead data analysis to identify remaining gap to meet the City's renewable energy goals and provide options for meeting the gap.
  - Coordinate with Xcel Energy staff to share opportunities for the City to participate in Renewable\*Connect.
  - Lead development and printing of collateral promoting renewable energy efforts.

- **3-2 Conduct a residential renewable energy campaign.**
  - Develop content and schedule for social media campaign, including Spanish translation of relevant content.
  - Lead development and printing of collateral promoting renewable energy programs, including social media posts and printed flyers.
  - Support outreach at community events by helping coordinate logistics, developing materials, and training volunteers.
  - Provide staffing for two community events (same events as Strategy 1-2).
  - Lead tracking for program participation.
- **3-3 Support renewable energy programs for low-income residents.**
  - Inventory low-income renewable energy opportunities and best practices.
  - Lead development and printing of collateral promoting existing low-income renewable energy programs, including social media posts and printed flyers.

Support funded by Xcel Energy for this strategy is not to exceed 60 hours. These hours will include those provided through our Partners in Energy team from Brendle Group and do not include support provided by Xcel Energy internal program staff.

#### **Project Management, Reimbursed Expenses and Bonus**

- Provide presentation content outlining Partners in Energy process, identified focus areas and goals, and benefits to community.
- Facilitate regular check-in meetings, track and report energy impacts and activities (process annual data from Xcel Energy), and help coordinate implementation kick-off activities
- Provide up to \$2,300 for reimbursed expenses related to printing and distribution of co-branded marketing materials, venue fees, food, and other related needs associated with outreach and education. Xcel Energy funding will not be provided for the purchase of alcohol.

Support funded by Xcel Energy for project management is not to exceed 65 hours. These hours will include those provided through our Partners in Energy team from Brendle Group and do not include support provided by Xcel Energy internal program staff.

**The City of Edgewater commits to supporting the Energy Action Plan to the best of its ability by:**

- Achieving the energy savings impacts outlined in the energy action plan and shown in the table below:

**City of Edgewater Conservation Goals**

	Electricity Savings (in kWh)	Natural Gas Savings (in therms)
<b>Baseline Historic Energy Savings</b>	166,469	26,107
<b>Incremental Plan Energy Savings (2/1/21-9/30/22)</b>	970,000	47,000
<b>Total Plan Energy Savings (baseline + plan energy savings)</b>	1,136,469	73,107

- Performing the coordination, tracking, and outreach duties as outlined in the Energy Action Plan that include but are not limited to the following:

**Residential Focus Area**

- **1-1 Support energy efficiency upgrades for multifamily properties.**
  - Support collateral development led by Partners in Energy.
  - Lead identification of multifamily properties through zoning maps and other City resources.
  - Lead outreach to property owners/managers, including direct calls and distribution of print and digital materials
  - Lead outreach to tenants, including working with property management companies to distribute print and digital materials.
- **1-2 Conduct a residential energy efficiency campaign for homeowners and renters.**
  - Support collateral development led by Partners in Energy.
  - Lead distribution of collateral on social media.
  - Lead distribution of print and digital materials to residents, including through schools.
  - Determine budget for Home Energy Squad buy-down.
  - Contract with CLEAResult to buy-down Home Energy Squad visits for residents.
  - Promote Home Energy Squad buy-down campaign through City outreach channels.
  - Conduct outreach on residential energy programs at community events.

**Commercial Focus Area**

- **2-1 Conduct a business energy efficiency campaign.**
  - Support collateral development led by Partners in Energy.
  - Compile list of businesses and sort into business type.
  - Lead distribution of print and digital materials to businesses, including through e-newsletters, business association meetings, and door-to-door outreach.
- **2-2 Support energy efficiency upgrades for non-profits.**
  - Compile list of nonprofits.
  - In coordination with Partners in Energy facilitators, host meetings with key non-profit partners to understand energy needs.
  - Lead distribution of print and digital materials to non-profits.
  - In coordination with Partners in Energy facilitators, promote and attend virtual energy efficiency workshops targeted toward non-profits.

- **2-3 Incorporate electric vehicles (EVs) into the City's fleet.**
  - Consider participation in Xcel Energy's Fleet Electrification Advisory Program and other fleet EV programs as appropriate.
  - Coordinate City departments to understand full City inventory and vehicle needs.
  - Develop vehicle replacement steps that prioritizes EVs during procurement.
  - Incorporate full lifecycle costs of vehicles into budgeting process.

### **Renewables Focus Area**

- **3-1 Invest in solar for City facilities.**
  - Lead RFP development for on-site solar project. If approved and budgeted, complete contracting and manage installation.
  - Distribute collateral promoting the City's renewable energy efforts, including a sign or dashboard at the Civic Center promoting the on-site solar project.
  - Explore opportunities to participate in Renewable\*Connect and other renewable energy programs as available, including completing capacity interest forms.
- **3-2 Conduct a residential renewable energy campaign.**
  - Support collateral development led by Partners in Energy.
  - Lead distribution of collateral on social media.
  - Lead distribution of print and digital materials to residents, including through schools.
  - Conduct outreach on residential renewable energy programs at community events.
- **3-3 Support renewable energy programs for low-income residents.**
  - Support collateral development led by Partners in Energy.
  - Work with Xcel Energy to promote and provide opportunities for low-income residents to participate in renewable energy programs.

### **Project Management**

- Participate in coordination and tracking of scheduled check-ins, activities, and events.
- Provide Xcel Energy an opportunity to review marketing materials to assure accuracy when they incorporate the Xcel Energy logo or reference any of Xcel Energy's products or services.
- Share the plan document, supporting work documents, and implementation results from the Energy Action Plan with the public—the experience, successes, and lessons learned from this community will inform others looking at similar or expanded initiatives.
- Share progress on upcoming sustainability planning as it relates to activities outlined in the Energy Action Plan.

### **Single Points of Contact**

All communications pertaining to this agreement shall be directed to Kit Lammers, on behalf of the City of Edgewater, and Tami Gunderzik, on behalf of Xcel Energy.


### **Legal Applicability and Waiver**


This is a voluntary agreement and not intended to be legally binding for either party. This Memorandum of Understanding has no impact, nor does it alter or modify any existing Franchise Agreement or other existing agreements between Xcel Energy and the City. Parties

agree that this Memorandum of Understanding is to memorialize the intent of the Parties regarding Partners in Energy but does not create a legal agreement between the Parties. It is agreed by the Parties that nothing in this Memorandum of Understanding will be deemed or construed as creating a joint venture, trust, partnership, or any other legal relationship among the Parties. This Memorandum of Understanding is for the benefit of the Parties and does not create third party rights. Nothing in this Memorandum of Understanding constitutes a waiver of the City of Edgewater's ordinances, the City of Edgewater's regulatory jurisdiction, or Colorado's utility regulatory jurisdiction.

Xcel Energy is excited about this opportunity to support the City of Edgewater in advancing its goals. The resources outlined above and provided through Partners in Energy are provided as a part of our commitment to the communities we serve and Xcel Energy's support of energy efficiency and renewable energy as important resources to meet your future energy needs.

**For the City of Edgewater:**

Signature:  \_\_\_\_\_  
Name:     Dan Mayles      
Title:     City Manager      
Date:     1/20/21    

For Xcel Energy  
Signature:  \_\_\_\_\_  
Name:     Kelly Flenniken      
Title:     Director, Community Relations      
Date:     1/20/2021