

EVANSTON'S ENERGY FUTURE

City Manager's Office



Join the Zoom by visiting cityofevanston.org/energy

Zoom Meeting ID: 982 8083 4330

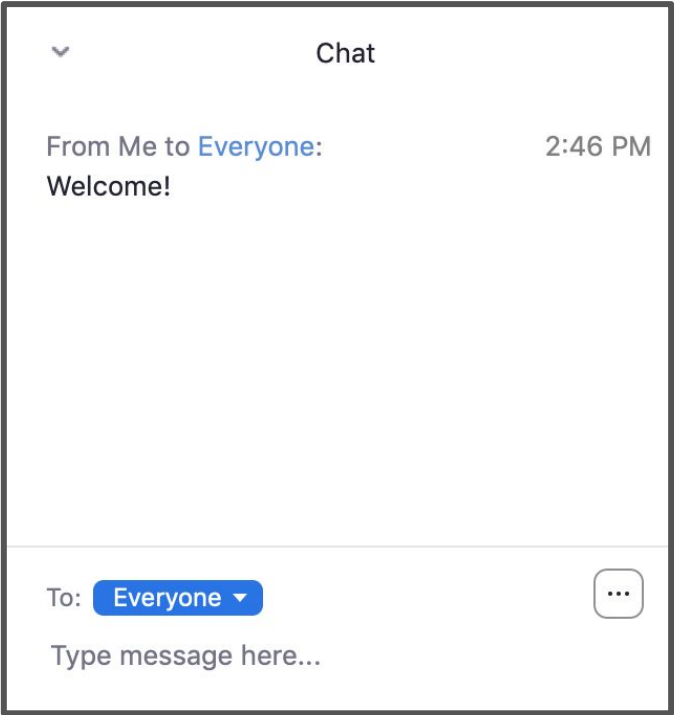
Password: 501936

iPhone one-tap US: +1 312 626 6799

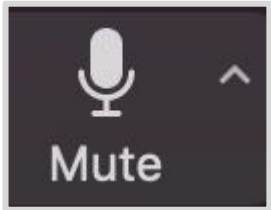
Telephone: +1 312 626 6799

For those on Facebook Live, submit questions by
emailing sustainability@cityofevanston.org

Zoom Tools



Chat

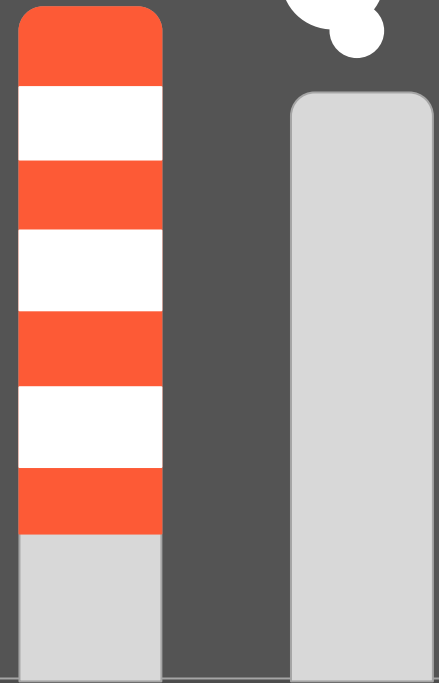


Mute



Raise Hand

The Climate Crisis



2019–2020

City Council Goals



Invest in City Infrastructure and Facilities



Enhance Community Development and Job Creation Citywide



Expand Affordable Housing Options



Ensure Equity in All City Operations



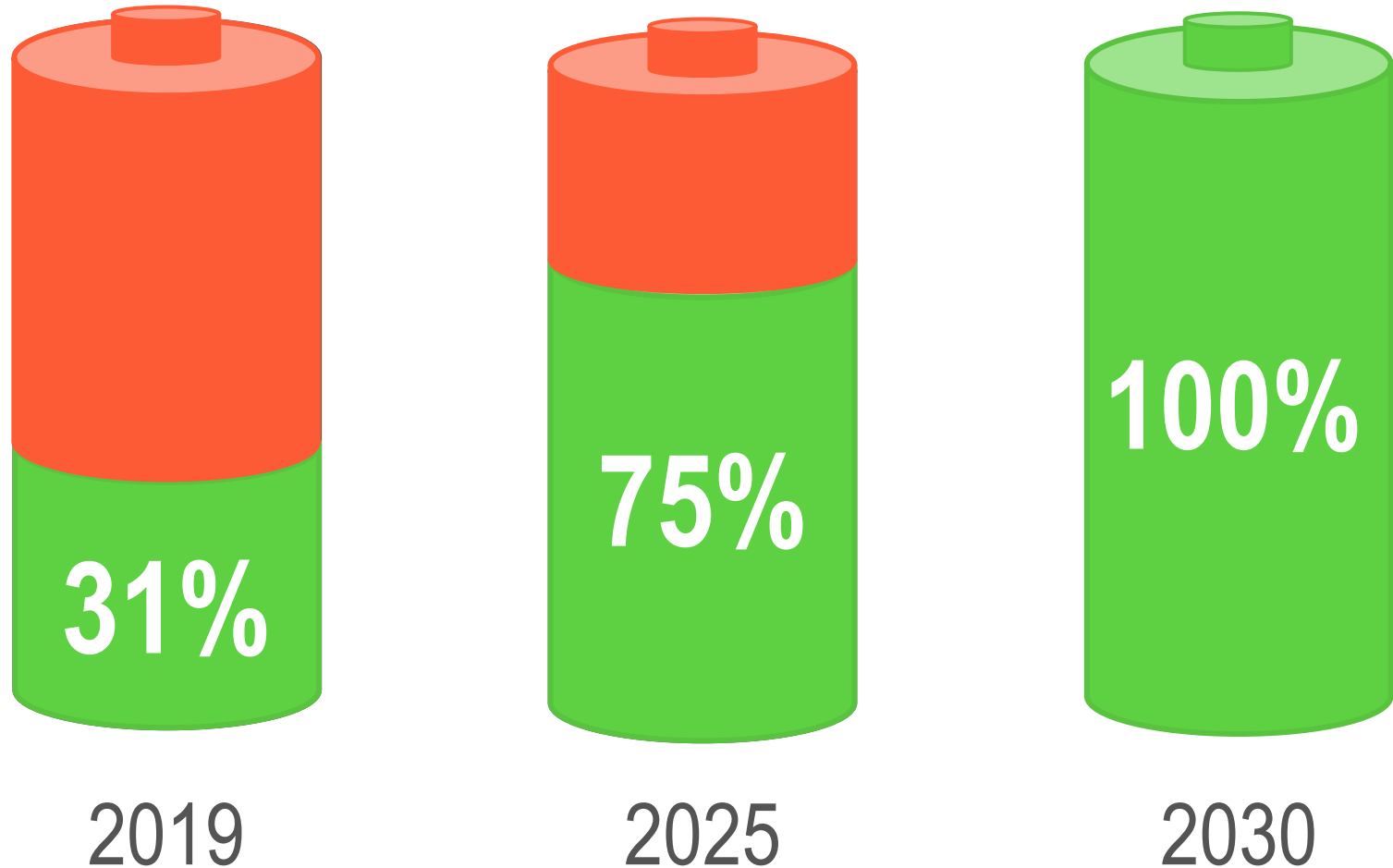
Stabilize Long-term City Finances



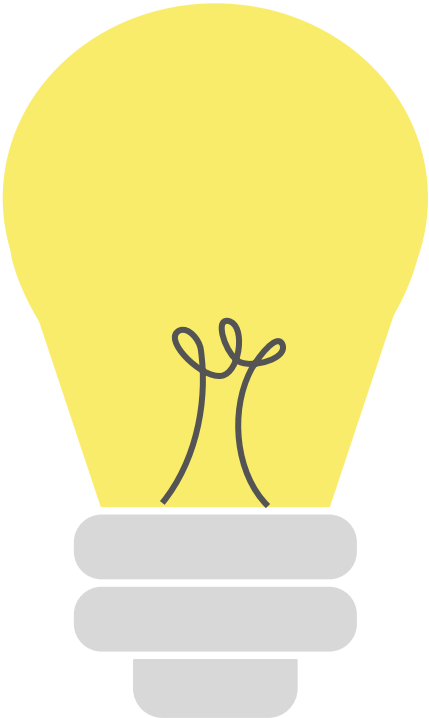
Why 2020 is crucial

- ⚡ The City is approaching the expiration of 3 agreements:
 - ComEd Franchise Agreement
 - Municipal Electric Supply Agreement
 - Community Choice Electricity Aggregation (CCA)
- ⚡ We have the ability to leverage these agreements and we want feedback on your energy priorities

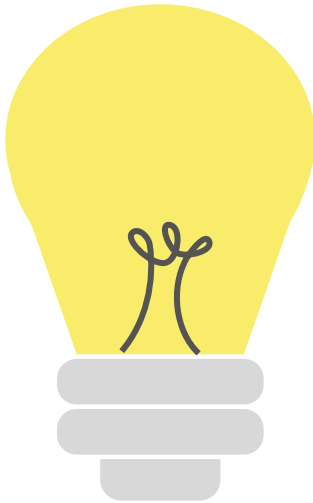
100% Renewable Energy by 2030



Reduce energy consumption by 50% by 2050

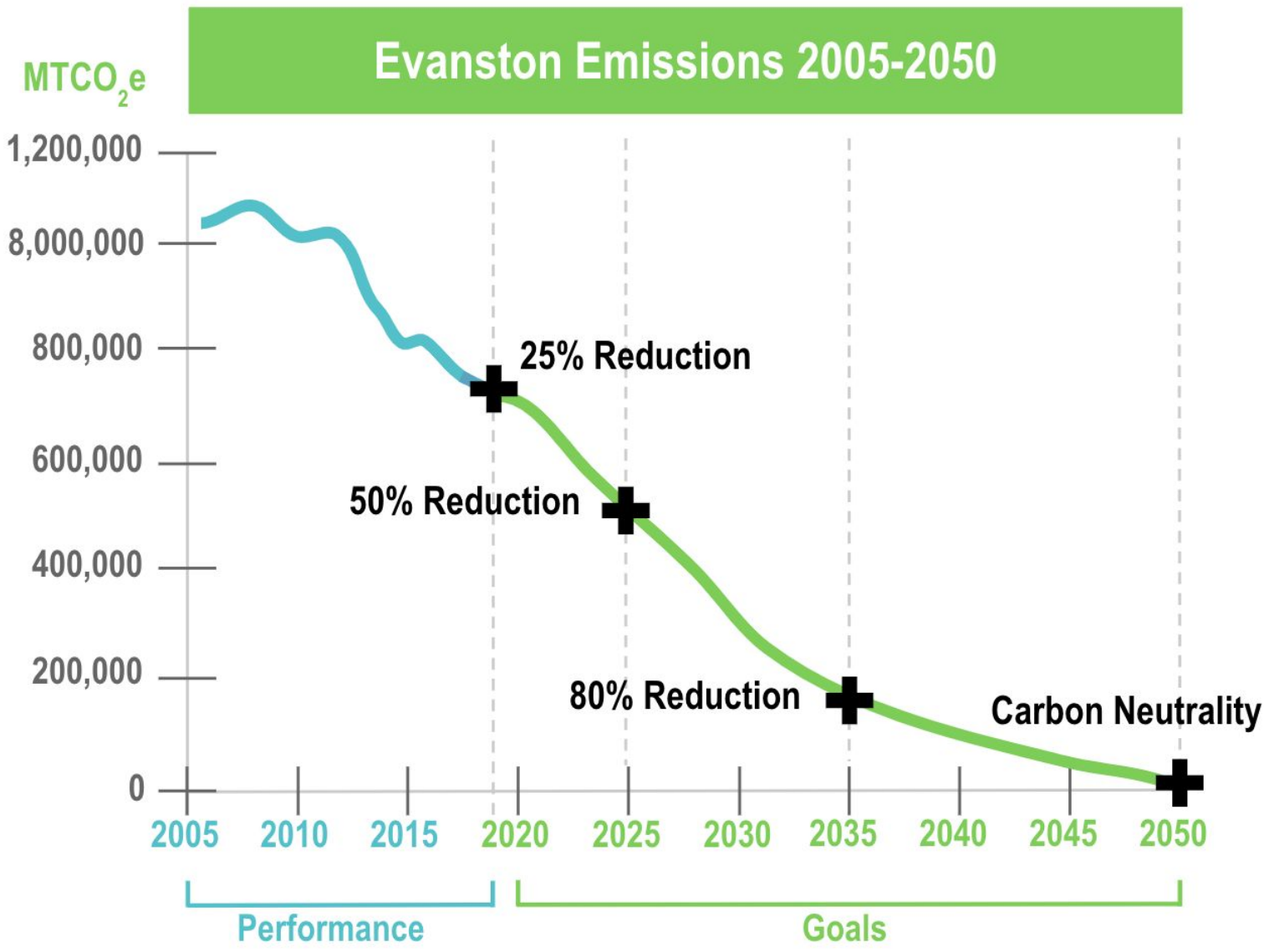


2020



2050





Greenhouse Gas Sources

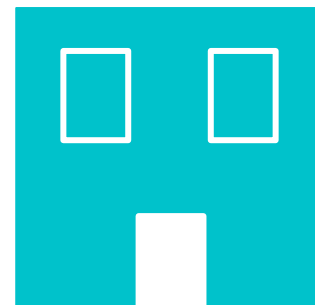
2% Waste



17%
Transportation

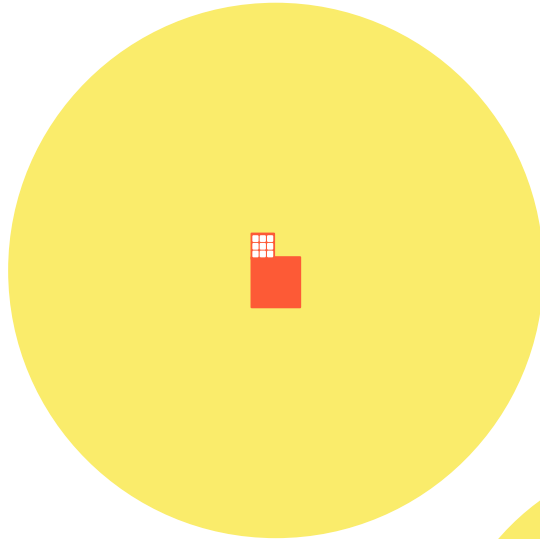


80% Buildings



Electricity Use by Building Type

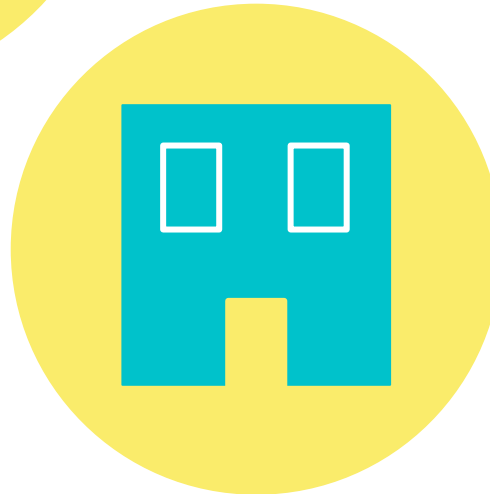
Industrial






Residential



Commercial

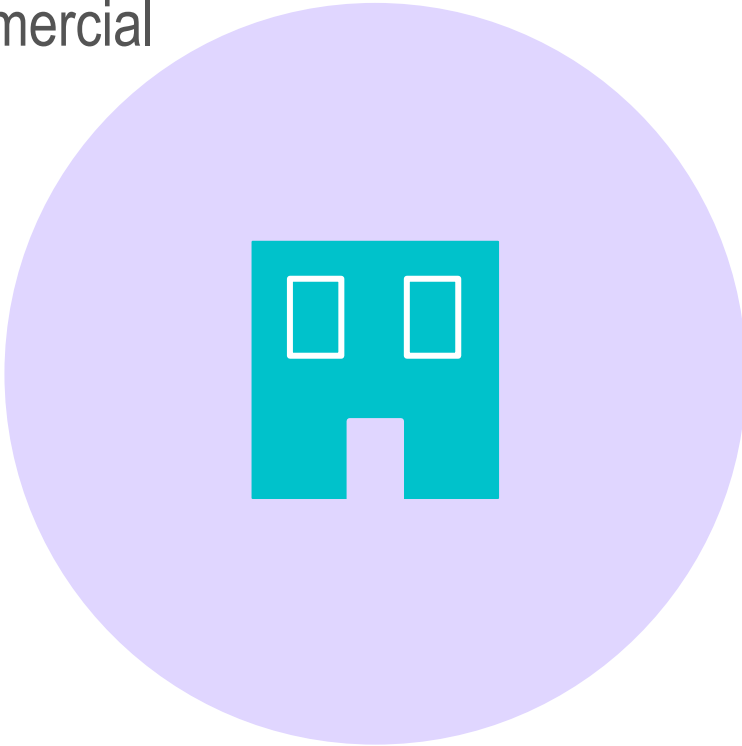


 = electricity use

   = number of buildings

Natural Gas Use by Building Type

Commercial



Residential



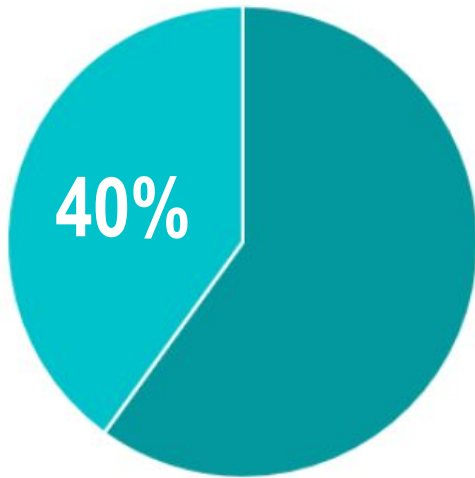
Industrial

 = natural gas use

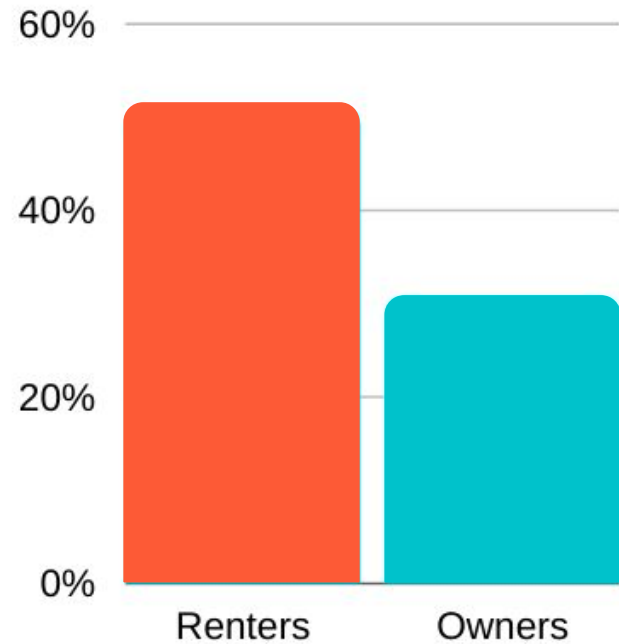


= number of buildings

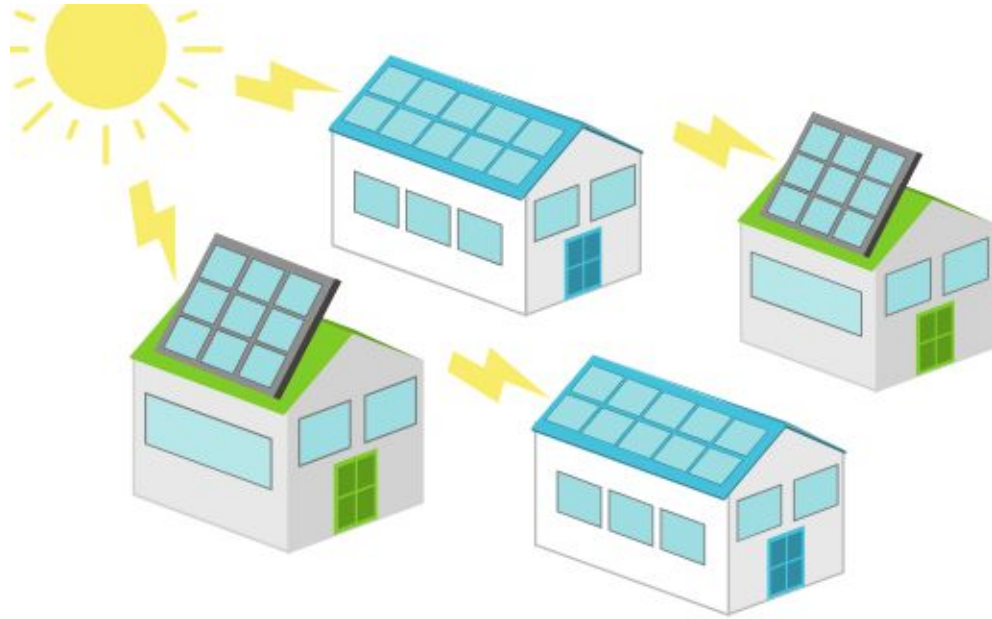
Housing Cost Burden



40% of households are housing cost burdened



51.5% of renters are housing cost burdened compared to 30.7% of owners



In 2019, Evanston saw a solar boom with solar installations doubling. There are now 98 solar installations in Evanston but few, if any, are providing renewable energy to low-income residents.

Illinois Solar For All



Low-Income Distributed Generation

- ⚡ Properties with solar potential get installations w/ no upfront costs
- ⚡ Monthly costs of the lease never exceed 50% of the value of energy created.
- ⚡ Excess energy produced is sent back to the grid, allowing for reductions in ComEd bills.
- ⚡ Vendor benefits by receiving large RECs paid for by utility companies.

Illinois Solar For All

Low-Income Community Solar

- ⚡ Households without solar potential buy shares from a community solar system
- ⚡ They receive credits on bills based on the energy produced by their share
- ⚡ No upfront costs/ongoing costs reduced

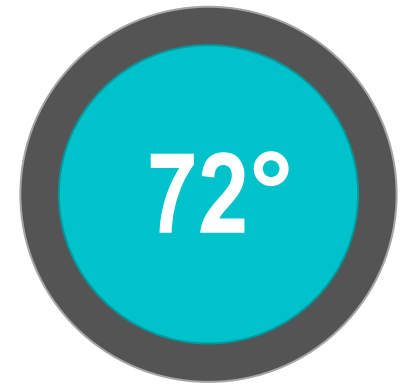
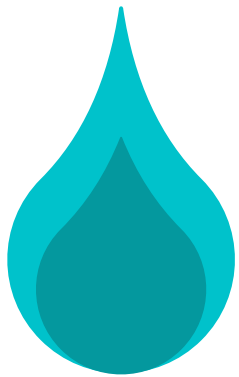


Community Choice Aggregation

- ⚡ In May 2020, City Council signed a contract with Dynegy Energy
- ⚡ All residents and small businesses are supplied with 100% renewable energy at a similar cost to previous energy sources
- ⚡ Residents may opt out

Energy Efficiency Rebates

- ⚡ Nicor Gas and ComEd provide rebates for Evanston residents
 - Attic Insulation - up to \$300
 - Smart thermostat - \$75
 - ENERGY STAR[®] Appliances - \$50



LIHEAP & General Assistance



More than 600 residents a year qualify for the Low Income Home Energy / Assistance Program and receive over \$350,000 in assistance annually.

200

residents apply for general assistance from the City to help meet basic needs including paying for utilities each year.





Virtual Solar Power Hour

Mon. July 27th 1:00 - 2:00

Hosted by Seven Generations Ahead - [register here](#)

Illinois homeowners can **cover up to 60%** of the cost of solar through federal & state incentives. And with **Solarize Chicagoland** you can save even more!

Solarize Chicagoland is a community education program combining consumer solar education with a limited time solar discount.

Come to our **virtual presentation** to learn the basics of solar and its financial implications for your household.

For additional dates & to learn more visit: www.SolarizeChicagoland.com

Brought to you by:



With promotional support from:



City
Manager's
Office

Solar Permit

- ⚡ Allows for a streamlined installation process

Solar Permit Application

For: Thermal, Photovoltaic and Hybrid Systems

Please type or print in ink. All applicable lines must be completed.

General Information

Property Address (1234 Main Street format only, please): _____ Floor/Unit #: _____
Scope of Work: _____
Applicant Name: _____ Email Address: _____ Phone Number: _____ X _____
Property Owner: _____ Phone #: _____ Address (if different): _____
Email Address: _____ Work Valuation (required): \$ _____
Architecture Firm: _____ Phone #: _____
Architect Email Address: _____

Building Use

(Check all that apply)

- Multi-Family Rental: # of units _____
- Single Family Commercial Addition
- Garage Office Condo
- Restaurant Educational Retail
- Exterior Reno. Interior Reno. Health Care
- Other: _____

24 HOUR EMERGENCY CONTACT
DURING CONSTRUCTION HOURS

NAME: _____
PHONE NUMBER _____

ComEd Solar Calculator

- ⚡ A free ComEd service that determines your building's solar potential



powered by
mapdwell

Avoiding Scams



- ⚡ Always ask to see a company ID
- ⚡ Beware of faded company logos on clothing
- ⚡ Do not provide personal information or send payments to third parties
- ⚡ Report incidents and phone scams to the Citizens' Utility Board and the Attorney General's Office
 - CUB: (312) 263-4282
 - Attorney General's Office: 1 (800) 386-5438



TAKE ACTION

1. Take the survey
2. Check if you're part of community aggregation through ComEd
3. Sign up for a Solar Power Hour



Word Cloud

go to PollEv.com/cityofevanst235
or text cityofevanst235 to 22333

Resources

⚡ [Energy Future Survey](#)

⚡ [Solarize Chicagoland](#)

⚡ [Navigating electricity bills
- ComEd](#)

⚡ [Navigating gas bills -
Nicor](#)

⚡ [ComEd Solar Potential
Calculator](#)

⚡ [Solar Incentives and
Rebates \(DSIRE\)](#)

⚡ [Illinois Solar for All](#)

⚡ [Nicor Energy Rebates](#)

⚡ [City of Evanston Solar
Permit](#)

Q&A

Thank you!

Visit cityofevanston.org/energy for
updates