



Sustainable Energy Options for the City of Elgin

NOVEMBER 17, 2021



Happening
Tonight

Current and Past Efforts

Moving Forward: Sustainable Options for Elgin

Recommendations

Next Steps

Questions + Discussion



CURRENT AND PAST EFFORTS

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SOLAR INITIATIVES

- Awarded SolSmart Silver Designation in 2019.
- Elgin was largest subscriber to the first community solar project in the state.
- Solar ordinance adopted in 2014.
- Permits: x in 2014; x in 2015, x in 2016, x in 2017, x in 2018, x in 2019, x in 2020, x in 2021



ENERGY INITIATIVES

- Municipal electric aggregation.
- LED lighting retrofits to buildings, parking decks/lots and streetlights.
- Home energy saving reimbursement program.
- Resource conservation kits.





MOVING FORWARD: SUSTAINABLE OPTIONS FOR ELGIN

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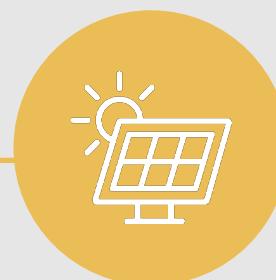
SUSTAINABLE OPTIONS FOR ELGIN



Municipal
Aggregation



Renewable
Energy
Credits
(RECs)



Community
Solar

MUNICIPAL AGGREGATION



FIXED PRICE

- Price is locked in from the retailer (alternative energy provider).
- Potential for price to go above or below ComEd's.
- Entirety of community enrolled with anytime opt-out option.
- Opportunity for cost savings or cost premium for residents.

PRICE MATCH

- Price will always match ComEd's daily rate.
- Residents never charged above ComEd's rate.
- Partial community enrollment with opt-out option; opt-in available non-enrolled customers.
- Creates savings for retailer which is split with municipality, generating revenues.

SUSTAINABLE OPTIONS FOR ELGIN

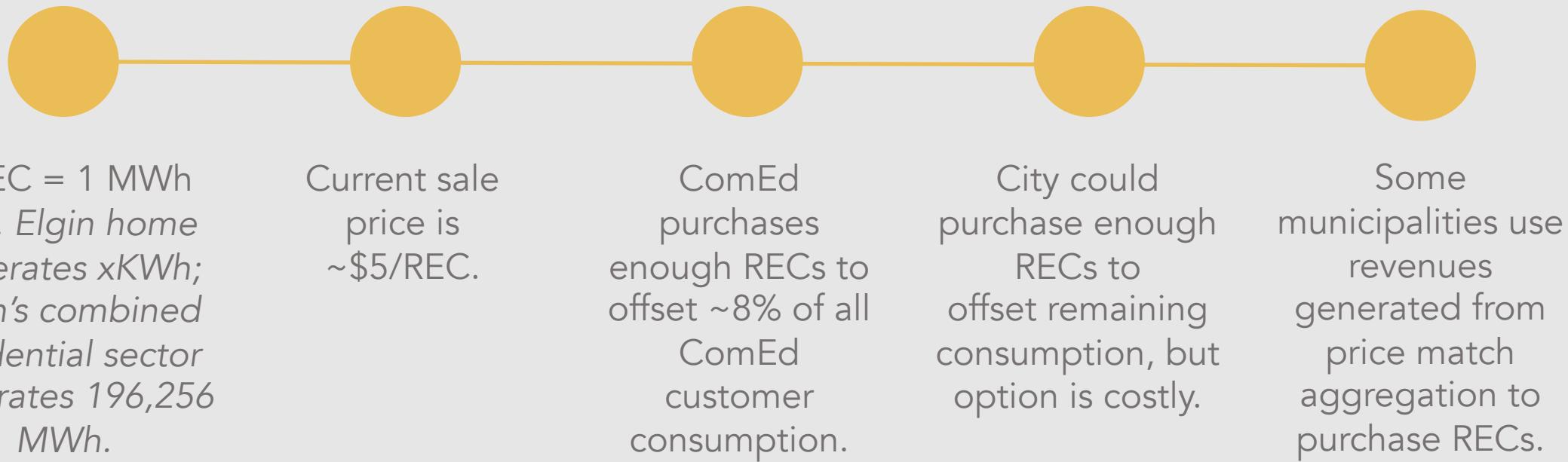
RENEWABLE ENERGY CREDITS (RECs)

- A 'receipt' of renewable energy.
- Generated from a renewable source, typically wind or solar farms, and sold for organizations to purchase.
- Help to offset carbon usage, and REC owner can claim as much renewable energy as has been purchased via RECs.

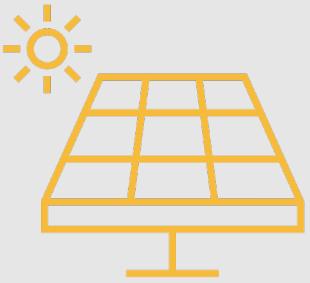


SUSTAINABLE OPTIONS FOR ELGIN

RENEWABLE ENERGY CREDITS



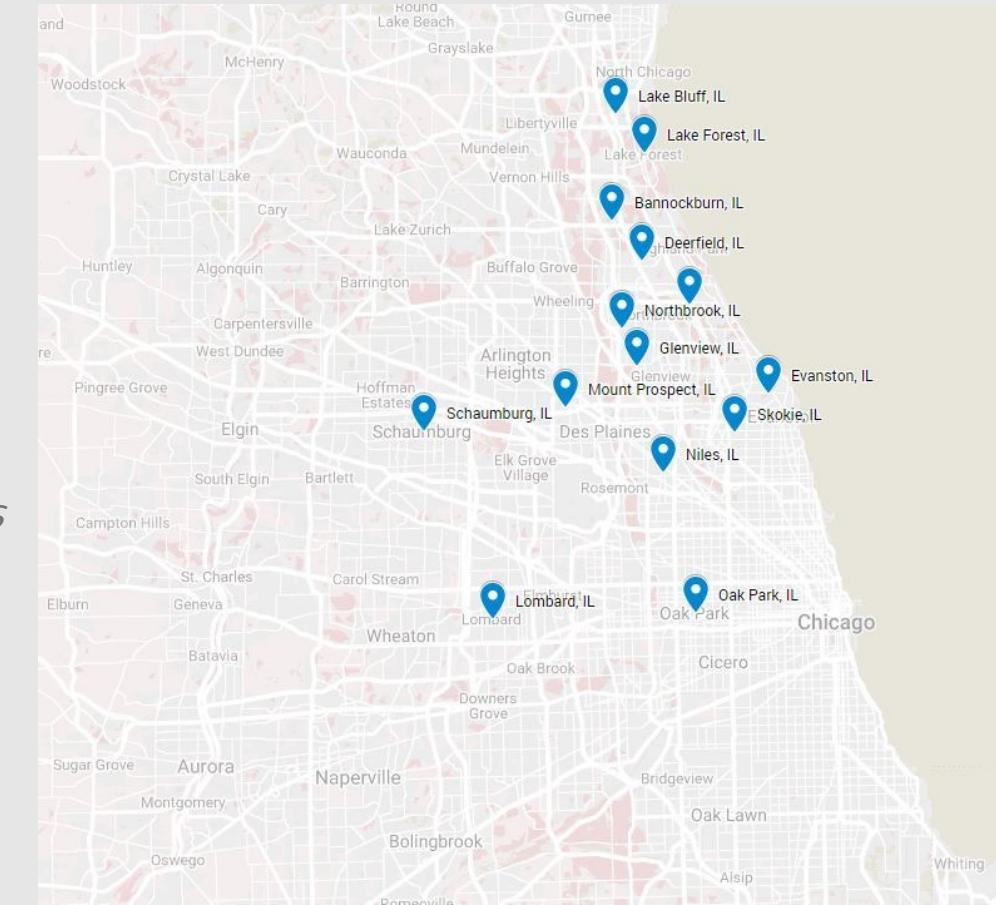
COMMUNITY SOLAR



*Participating
Farms*



*MMC CS2
Communities*



SUSTAINABLE OPTIONS FOR ELGIN

COMMUNITY SOLAR



Not installing solar panels, but rather subscribing to existing solar farms in Northern Illinois.

Offers consistent 20% savings to consumer – an equivalent of ~\$100 savings per home per year.

Branded as a City program, but all costs to administer are covered by the solar developers.

Currently, plenty of volume exists with capacity for ~15,000 homes.

Climate & Equitable Jobs Act (CEJA) adds additional solar farms every year going forward, creating long-term sustainability for the program.



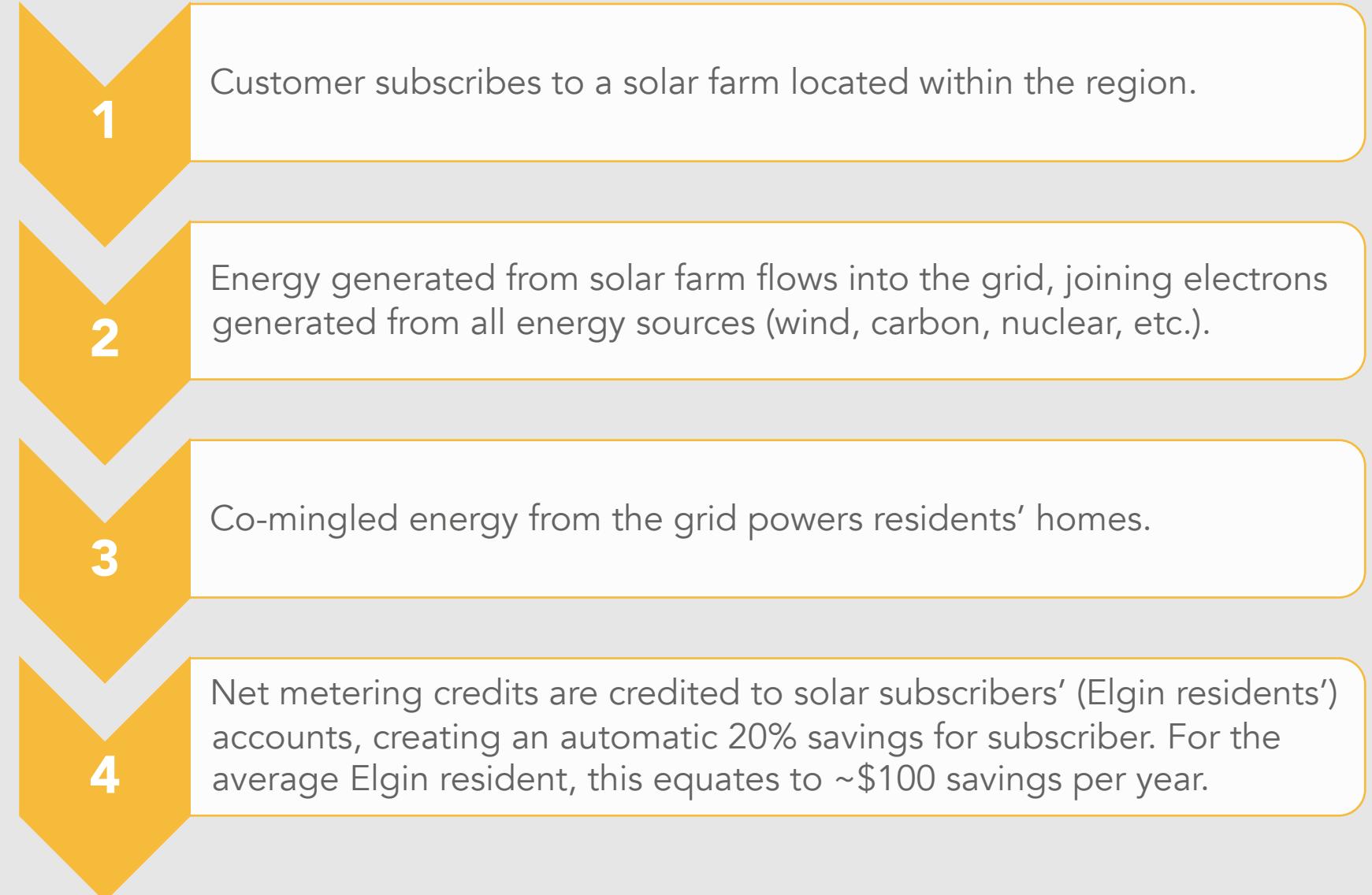
No roof?
No problem.



SUSTAINABLE ENERGY
OPTIONS FOR ELGIN

COMMUNITY SOLAR

How it works





RECOMMENDATIONS

NOVEMBER 17, 2021

RECOMMENDATIONS

SUSTAINABILITY COMMISSION

Pursue 100% renewable energy through municipal aggregation, RECs, and community solar.

CONSIDERATIONS

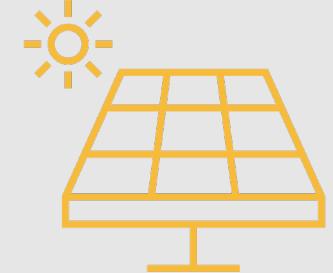
Pursuing 100% renewable energy now would create a cost premium for residents and small businesses as current 100% renewable rates exceed ComEd's daily rate.



ELGIN
SUSTAINABILITY COMMISSION

RECOMMENDATIONS

Alternative Ways Forward



Pursue an option that secures the highest amount of renewable energy for Elgin residents and small businesses, while maintaining a price match to ComEd's daily rate.

- This can be accomplished through municipal aggregation and community solar, with the option to include RECs.

Securing electricity from community solar, municipal aggregation and RECs will be a big step towards procuring 100% renewable energy for Elgin residents and small businesses.

- Supports renewable energy market development in Northern Illinois
- Puts Elgin on a path to 100% renewable energy
- Maintains residents' daily price for energy at a rate equivalent to ComEd's until market for 100% renewable is favorable.



NEXT STEPS

NOVEMBER 17, 2021

NEXT STEPS



COMMUNITY SOLAR

- City of Elgin would sign up through the MMC.
- Timeline for program implementation: ~4-6 weeks
- Direct mail campaign executed, paid for by developers.
- Residents sign up online.

MUNICIPAL AGGREGATION

- Amend Plan of Governance to reflect best practices.
- Submit RFP and analyze proposals.
- Choose a retailer and inform residents about the upcoming program.
- Implement municipal aggregation.

RECs

- Continue monitoring the market.
- Can purchase at any time.



Mikala Larson
Sustainability Analyst
City of Elgin
larson_m@cityofelgin.org
847-931-5615