

# Ottawa Renewable Energy Co-operative (OREC)

*Powering the Future. Together*

**INVESTING  
IN THE RENEWABLE ENERGY TRANSITION  
WITH OREC**

*Climate & Your Cash 2025*




Ottawa Renewable Energy Co-op

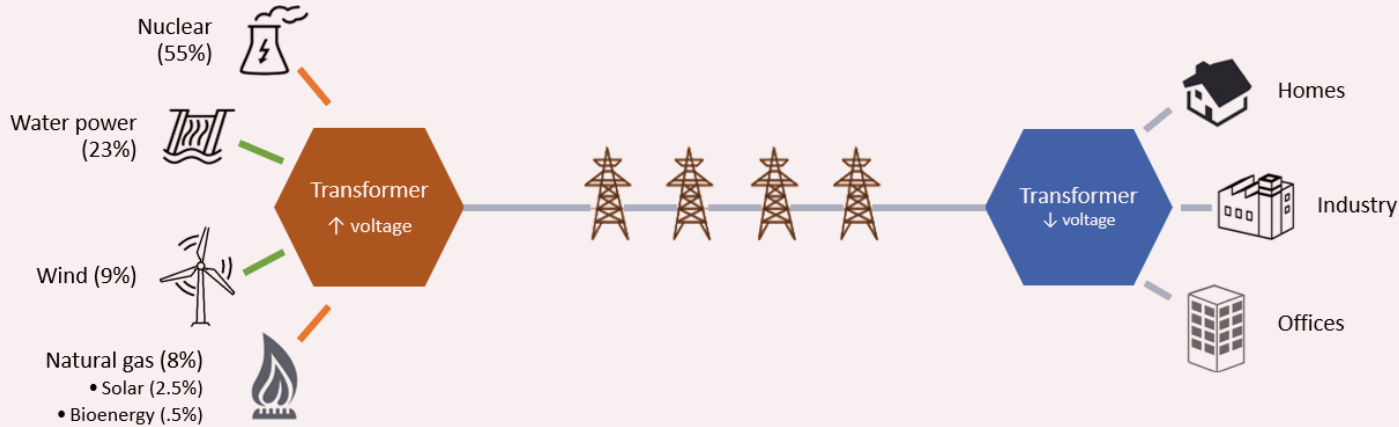
orec.ca 2025

Photo credit: Enviromarketing

# Agenda

- Setting the Stage
  - OREC - who we are & what we do
  - Investing with OREC
- 

# Evolution of the Power Grid - Looking Ahead



## Past

- Remote and expensive energy generation
- Centralized power distribution
- Loss through transmission

[ps://www.hydroone.com/about/regulatory/supply-mix](https://www.hydroone.com/about/regulatory/supply-mix)

## Future

- Clean, local power
- Quick to deploy
- Revenue generating
- Self-reliant
- Interdependent
- More democratic, renewable energy future

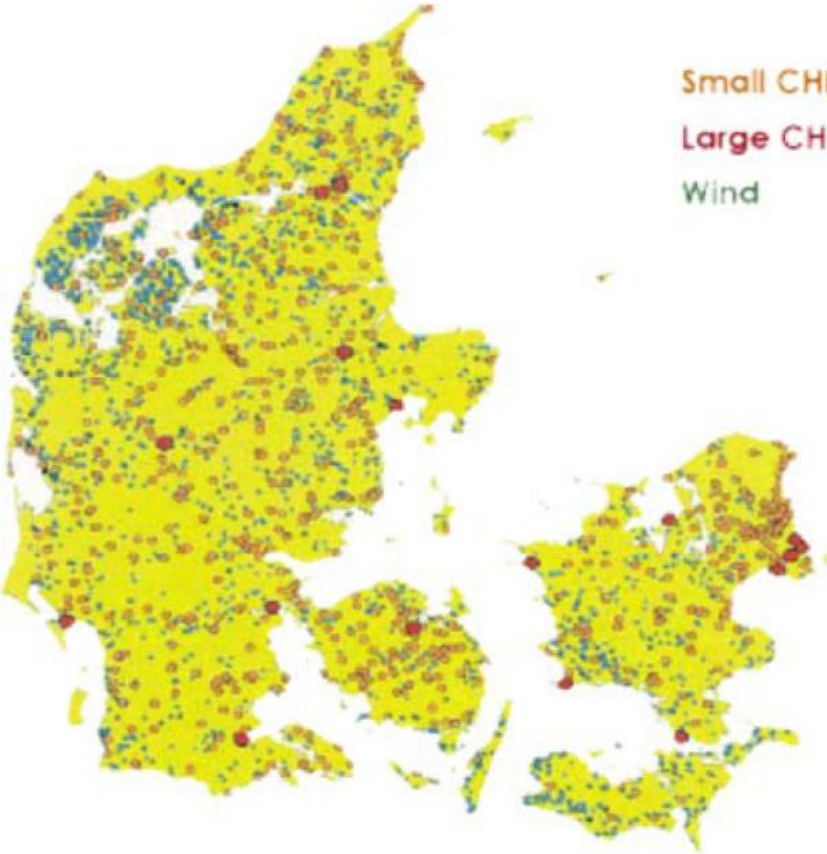


# Denmark

Centralized System of the mid 1980's



More Decentralized System of Today



Small CHP  
Large CHP  
Wind

## OREC - Who We Are

- For-profit renewable energy co-operative
- Finances and develops community-owned renewable energy projects
- Incorporated in **2010** during the Feed-In-Tariff ('FIT') era




## OREC's Track Record

- 1,100+ members  
(~50% are investors)
- 31 solar projects + 2 wind turbines
  - Majority are Feed-In Tariff (FIT) contracts backed by the Province of Ontario
  - 3 net metering contracts between OREC & host facility
- 3/5 energy efficiency retrofit projects





## OREC's Track Record

- \$15+ million raised from OREC member investors
  - \$4 million+ returned to investors
  - Additional dividend and interest payments
  - Yearly capital raises
- 

# OREC's Growth

**55% +** *per year*

Since 2013, OREC's **renewable energy production** has grown more than 55% *per year*.





# Sample of OREC Projects

- **National Museum of Science & Technology**
- Constructed in 2019 & 2025
- 254 kW & 660 kW
- Ottawa




## Community Owned Renewable Energy

# Community Owned Renewable Energy

An aerial photograph of Mer Bleue High School, a large, modern building with a grey roof. The roof is covered with numerous solar panels, arranged in several large rectangular sections. The building has colorful accents on its exterior walls, including yellow and red. The school is surrounded by green lawns, paved walkways, and a parking lot. In the background, there are residential houses and a street with cars.

- **Mer Bleue High School**
- Constructed in 2020
- 351 kW
- Orleans



**RA Centre, Ottawa**  
Baseball Diamond  
LED Upgrade  
2019

**Community Funded Energy Efficiency**


Photo: Lightenco

# Housing Coop, Ottawa

Programmable thermostats & complete LED retrofit (2020)



**Community Funded Energy Efficiency**



2015 | 75 kW  
Smith Farm  
Dunrobin



2015 | 385 kW  
Hovey Industries  
Ottawa South

## Community Owned Renewable Energy



2016 | 190 kW  
Maurice-Lapointe HS  
Kanata



2017 | 500 kW  
Alfred Ground Mount  
Alfred

# Zurich Turbine (near Lake Huron)

2023 | 800kW



**Community Owned Renewable Energy**



# Who is OREC?

- Cooperative guided by Board of Directors
- Extensive experience in corporate finance, renewable energy, engineering, consulting, advocacy, senior management and a large network of industry contacts
- Day-to-day management by General Manager
- Supported by Finance Manager with oversight from Board Treasurer (CPA)
- Technical monitoring & maintenance by experienced contractors
- Professional support by lawyers, auditors, bookkeeper
- Supported by experienced member volunteers

# Investing with OREC



# How investing in OREC works



1. OREC **develops** or purchases renewable energy projects in partnership with schools, institutions, municipalities, and businesses.

2. Individuals join OREC allowing them to **invest**. This capital is used for new project development or acquisition of existing projects.



3. Electricity **produced** by these projects is then **sold to the grid or directly to the project host**, moving towards a 100% renewable energy landscape in the area.

4. **Profits are returned** to investors in the form of capital repayment, as well as interest payments and dividends.



# Invest with Impact

- ~3x GHG emission reduction
- **Preference Shares (Class A & Class E)**
  - 10 & 20-year term / RRSP & TFSA eligible
  - Annual dividend – declared by OREC Board
  - Dividends: 4% (2023) 3.85% ('21 & '22)
  - Regular capital repayments
- **Minimum investment**
  - **\$500** for non-registered investment
  - \$5,000 for RRSP or TFSA
  - \$500 for existing investors

## RRSP & TFSA Options

- OREC Preference Shares are RRSP & TFSA eligible
- New contributions and/or
- Transfer from existing RRSP / TFSA account and/or
- Using cash from CWCF account
- Partner for registered investments:  
*Canadian Worker Co-operative Federation (CWCF)*



# Invest with Impact

- **3x GHG emission reduction**
- **Invest in Energy Democracy**
- **Member Investment Notes**
  - 5-year term
  - Fixed 4% interest, paid annually
  - Capital repayment at term end
  - Not TFSA or RRSP-eligible
- **Minimum investment**
  - \$5,000

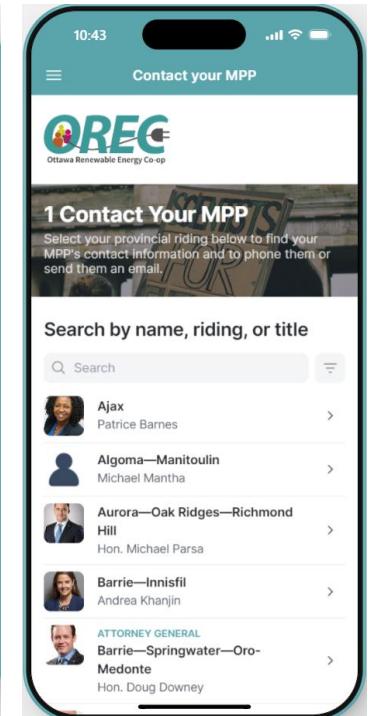
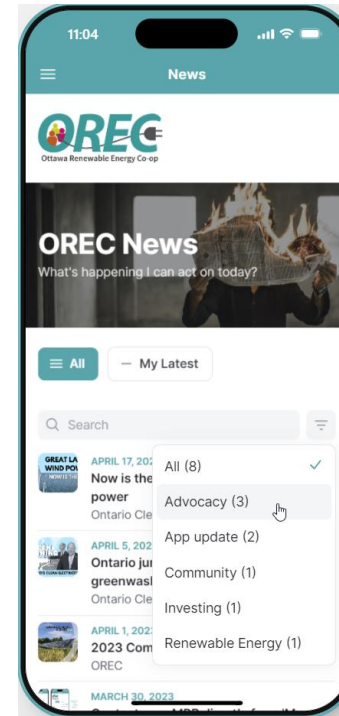
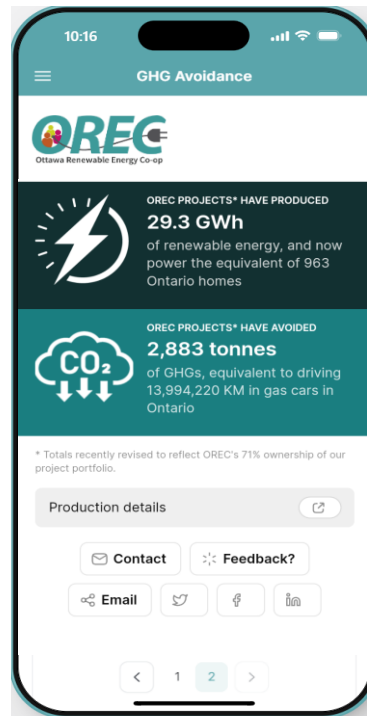
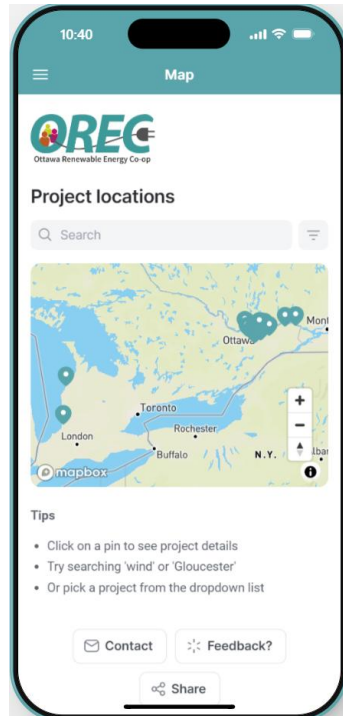
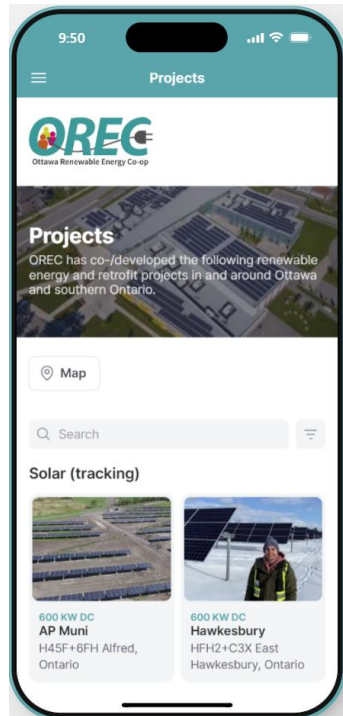
**SOLD OUT**

# 'MyOREC'

my-orec.orec.ca



- Sign up as member & Invest online in minutes
- Project snapshots - *anywhere anytime*
- Live energy generation and GHG avoidance data
- Click-and-send mails to your MPP (members)
- Actionable news feed (members)



# OREC community

- Membership open to 16+ in Ontario
- Membership share one-time \$100
  - Knowledge sharing community
  - Actively engaged volunteers: Opportunity to directly participate in the energy transition by helping the coop in different roles
  - Add your voice to the renewable energy transition
  - One member = one vote
- Join as member to become investor



# Find out More & Join



**[orec.ca/join](https://orec.ca/join)**

**[my-orec.orec.ca](https://my-orec.orec.ca)**

**[info@orec.ca](mailto:info@orec.ca)**

