



IMEA SUSTAINABILITY PLAN 2050 NET-ZERO VISION

2024 End of Year Review

YEAR 1

Meeting and Exceeding Goals

- Provide an affordable, reliable and sustainable power supply.
- Design and facilitate energy conservation programs.
- Offer flexible programs to mitigate peak loads, increase reliability and better integrate clean energy potential.
- Enable, accelerate and integrate electric vehicles and charging infrastructure.
- Maintain and support a sustainable workplace.

GOAL - ADD 130 MEGAWATTS (MW) OF SOLAR



Big River
Contracted
25 MW of
utility-scale
solar starting
in 2025.



Bee Hollow
Contracted
150 MW of
utility-scale
solar starting in
late 2026-27.



**Muni Solar
Projects**
3 new behind the
meter solar projects
totaling **2.5 MW**
in member
communities.



**Pending Muni
Solar Projects**
Working on
adding 3 behind
the meter solar
projects.
(Pending USDA approval)

= 177+ MW

Powers **~50,000**
homes for 1 year.

GOAL - ENCOURAGE MORE MEMBERS TO OFFER LOCAL RESIDENTIAL EFFICIENCY PROGRAMS

Attained & Ongoing- **\$36,000** to incentivize **716** advanced thermostats.
(Since FY2018, 2,012 units for a savings of 436,800 kWh annually)

Attained & Ongoing- **\$90,000** to locally managed residential AC and air source heat pump programs.
(Since FY2018, 618 units for a savings of 345,750 kWh annually)

3/4 of a million dollars allocated to electric efficiency projects in the past fiscal year with **\$1 million** fully committed.

GOAL - REVIEW NEW ENERGY SAVING MEASURES TO ADD TO OUR EFFICIENCY PROGRAMS

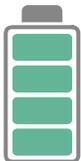
Attained - IMEA's Energy Efficiency and Conservation Committee reviewed **10** possible measures; Added **2** new measures for FY2025.

New Smart Socket Giveaway Program,



supplied **10,000** units to communities, yielding a savings of **174,000 kWh** annually.

GOAL - BY THE END OF 2025, STUDY THE FEASIBILITY OF INSTALLING UTILITY-SCALE BEHIND THE METER BATTERY STORAGE ON MEMBER DISTRIBUTION SYSTEMS



- Met with 10 developers.
- Planning Study parameters- financing; implementation timelines; grant opportunities; effective location; operational and safety concerns; and member rate impact.

454

EV chargers incentivized since FY2019.



5

US DOT NEVI-funded projects slated in municipalities to deploy EV charging infrastructure.

GOAL - EXPAND OUR CURRENT CUSTOMER DEMAND RESPONSE (DR) PROGRAM

Attained- IMEA added flexible new options for Central and Southern Illinois (MISO territory).

Attained- Extended Northern Illinois' options (PJM territory) for 2025.

