Emerging Energy Resources

A MEMBER COOPERATIVE 1 MW SOLAR ARRAY

COOPERATIVES HAVE A LONG HISTORY OF COMMITMENT TO THE COMMUNITIES THEY SERVE AND THE ENVIRONMENT WE SHARE.

Hoosier Energy's renewable resources are helping meet the energy needs of our 18 member cooperatives. Our program includes more than 140 megawatts of wind, solar, landfill methane gas and hydropower.

In addition to our renewable energy programs, we are investing in emerging technologies to better support the grid and our members while playing a key role in the future of energy.

CONSUMER-OWNED GENERATION

With over 4 megawatts of member-consumer renewable capacity in place across co-op communities, Hoosier Energy and member systems have seen members gain interest in generating their own electricity. That is why we implemented guidelines for residential distributed generation including interconnections, compensation and what to consider before investing in a renewable energy project.

COMMERCIAL AND INDUSTRIAL PROGRAMS

Hoosier Energy and its member cooperatives have renewable energy programs in place that serve commercial and industrial members. Program options include: Hoosier Energy built and owned projects, member built projects, renewable energy credits and renewable energy analysis. These programs are helping these members meet their carbon reduction goals.

ELECTRIC VEHICLES

To help promote the use of electric vehicles (EV), Hoosier Energy has developed the "Cooperative Charge" program for member co-ops. As part of the program, members purchasing an EV can apply to receive a free EV charger. >>

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A SOLAR FIELD WITH A FOUR-LEGGED CREW

At the size of nine football fields, a 1 megawatt solar array has a fair amount of lawn maintenance. That's why we hired "Sis" and her crew of sheep to keep it grazed. **Watch the video at Youtube.com/myhoosierenergy**

Member-consumers are benefiting from detailed EV and charging system information to help them make informed decisions. With three Chevy Bolts in our fleet, we keep them on a constant rotation throughout our 18 member cooperatives to help educate consumers. Another education tool offered to members is the ChooseEV web platform, which can be found on your member cooperative's website.

SOLAR

Hoosier Energy's solar program consists of ten, 1-megawatt solar arrays placed along highly visible roadways across member communities. Collectively, the solar sites provide approximately 20,000,000 kWh of energy annually. The sites are helping Hoosier Energy improve how solar power is integrated onto the grid and determine how we can offset the need for other energy resources during times of high energy demand. What we have learned is helping Hoosier Energy advise its members about operational issues, costs and benefits of solar energy.

WIND

The wind resources Hoosier Energy adds to the grid stem from several purchased power agreements. These projects include wind energy from the Rail Splitter Wind Farm in Illinois and the Meadow Lake V wind farm in Indiana.

HYDROPOWER

Power is purchased from a hydropower facility in Dayton, Illinois. It produces nearly 4-megawatts and about 18,000 megawatt-hours annually, enough to power about 1,500 homes.

PILOT PROJECTS

Hoosier Energy is testing new energy technologies so our members can provide reliable resources to member-consumers. We are diving deep into energy storage, microgrids, Distributed Energy Resource Management Systems (DERMS), vehicles to grid (V2G) technologies, and a variety of energy efficiency and demand side management programs.