



SUSTAINABILITY PERFORMANCE

At A Glance Fourth Quarter 2021

Oct. 1, 2021 — Dec. 31, 2021

AMERICAN MUNICIPAL POWER, INC.

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Included below is American Municipal Power, Inc.'s (AMP) 2021 fourth quarter (Q4) "At a Glance" sustainability report. The quarterly update is intended to measure and compare the progress of sustainability metrics while also highlighting accomplishments. If you have questions or would like additional information, please contact Corey Hawkey, director of member programs and sustainability, at 614.307.9432 or chawkey@amppartners.org.

AMP MEMBER COMMUNITIES NAMED SMART ENERGY PROVIDERS



In October, the cities of Bowling Green, Napoleon and Westerville received the 2021 Smart Energy Provider (SEP) designation during the annual American Public Power Association (APPA) Customer Connections Conference. There are only 97 communities nationwide that hold the designation. The AMP member communities of Coldwater and Wadsworth are also designated SEPs. To learn more about the program, click [here](#). To see the full list of communities that have received the SEP designation, click [here](#).

ECOSMART CHOICE®

AMP welcomes the Village of Minster as the newest member to join EcoSmart Choice®.



"The village is proud to partner with AMP in offering the EcoSmart Choice® program to our customers," said Don Harrod, village administrator. "Participating in the program is the next logical step in the village's renewable energy offerings and provides our customers with another opportunity to participate in a green-energy program."

Additionally, twelve member communities purchased 28,802 megawatt hours (MWh) of renewable energy in the third quarter through AMP's EcoSmart Choice® Program.

EcoSmart Choice® is a voluntary green-pricing program available at no cost to AMP members. Members enrolled in EcoSmart Choice® make the program available to their customers for a premium charge on their electric bill to cover the incremental cost of renewable energy. Participating customers may choose to offset 25 percent, 50 percent, 75 percent or 100 percent of their electricity usage.

Green-pricing programs such as this rely on the use of renewable energy certificates (RECs) to offset the customer's electricity usage.

AMP HOLIDAY CHARITY

As part of AMP's holiday charitable efforts, staff donated 247 pounds of non-perishable food products, about 130 pounds of toys, clothes, infant and personal hygiene items and toiletries, and \$1,075 in cash donations. AMP also held a fundraiser in mid-December for victims of the storms that struck Kentucky and other parts of the country overnight on Dec. 10. AMP hosted a charitable drive at headquarters on Dec. 15, selling retired AMP logo items to employees to raise money for the Kentucky storm relief efforts. The event was a success, with employee contributions matched by the Executive Management Team; more than \$3,000 was donated to the [Team Western Kentucky Tornado Relief Fund](#).



AMP HOLDS E-WASTE AND SHREDDING EVENT FOR STAFF

In October, AMP staff participated in an e-waste and paper shred event at its headquarters. More than 650 pounds of electronics were collected and responsibly recycled.

APPA RELEASES PROPOSED SCHEDULE FOR LIGHT UP NAVAJO III, SEEKS VOLUNTEERS

The APPA has released the proposed schedule for Light Up Navajo III, set to take place April through June 2022. The APPA and the Navajo Tribal Utility Authority sought volunteers to continue the effort to bring electricity to families in need throughout Navajo Nation. More information can be found [here](#).



EFFICIENCY SMART®

To connect more residents with the Online Home Energy Assessment tool, Efficiency Smart® launched the Online Home Energy Assessment Community Challenge. This friendly competition placed participating communities head-to-head to see which would have the largest percentage of households complete an assessment. The free online tool guides residents toward smart energy efficiency improvements in their homes. After completing an assessment, residents receive a customized improvement plan that includes estimated energy and money savings for each recommendation. It also pairs Efficiency Smart's® rebates with the suggested improvements.



As a result of the challenge, monthly webpage traffic increased by more than 305 percent and completed assessments increased by 1,322 percent. The Village of Minster won bragging rights as the community with the largest percentage of completed assessments. The challenge has ended, but the free online tool is available [here](#) and provides real-time, energy-saving recommendations for each completed question during the assessment.

LEGISLATIVE/REGULATORY UPDATES

On Oct. 12, AMP filed comments in response to the Federal Energy Regulatory Commission's (FERC) advanced notice of proposed rulemaking (ANOPR) that begins the process of revising rules pertaining to regional transmission planning, cost allocation and generator interconnections. The outcome of this proceeding may have significant impacts on the cost of transmission service utilized by AMP and its members. The ANOPR posed a multitude of questions reflecting the premise that current FERC policy is not suited to accommodating integration of renewable resources. FERC has said it will consider responses to the comprehensive ANOPR prior to issuing an actual proposed rule addressing these topics, which could occur sometime this year. Further rounds of comments would follow.



Read AMP's full comments [here](#).

FOCUS FORWARD

The Focus Forward Advisory Council (FFAC) hosted the *Community Solar 101 and Models* webinar on Nov. 9. The event featured speakers Joyce McLaren, National Renewable Energy Laboratory and Maddy Wendell, APPA. McLaren and Wendell provided an overview of community solar, the various program design and subscription model options for building a shared solar program, and shared best practices.



On Nov. 30, the FFAC previewed the deliverables for AMP's DEED-funded Heat Pump Water Heater Guidebook and Calculator with project consultant, VEIC. The project includes a:

- market analysis;
- a guidebook to serve as a resource to help utilities assess the opportunity for adoption of grid-interactive heat pump water heaters (HPWHs) and design a program;
- calculator that allows utilities to determine the customer economics for grid interactive HPWH adoption under existing rate structures, incentives for energy efficiency and demand response, and current water heating scenarios.

On Dec. 2, as part of the Focus Forward initiative, and at the direction of the FFAC and Board of Trustees, AMP launched WattPlan, an electric vehicle (EV) customer engagement platform that is being provided at no cost to members. The platform, which was developed by Clean Power Research, helps member utilities deepen their relationship with customers, become a trusted provider of information about EVs and help customers make informed decisions on their next vehicle purchase.

GREEN BOND FINANCED PROJECTS – Q4 2021 REPORT

	Meldahl	Combined Hydro (Cannelton, Willow Island, Smithland)	Solar Phase II
Net Capacity (MW)	108.8	208	58.3
Net Generation (MWh)	171,558	358,046	14,648
Capacity Factor (%)	71%	78%	N/R

N/R - not required for reporting

POWER GENERATION

in net MWh

Oct. 1, 2021 — Dec. 31, 2021

AMP Wind Farm (JV6): 1,530

AMP Fremont Energy Center (AFEC):* 1,083,891

Belleville Hydro (JV5): 84,668

Greenup Hydro:* 106,546

Meldahl Hydro: 171,559

Cannelton Hydro: 151,291

Willow Island Hydro: 70,205

Smithland Hydro: 136,550

Prairie State Energy Campus (PSEC):** 765,336

Distributed Generation: 175

Landfill Gas: 88,250

Blue Creek Wind:** 36,919

Napoleon Solar: 770

Solar Phase II: 14,649

* Total plant

** AMP's share

HEALTH AND SAFETY

Oct. 1, 2021 — Dec. 31, 2021

Employee Work Related Fatalities:
0

Recordable Incidents or Accidents:
1

Lost Work Day Incidents:
0

COMMUNITY

Oct. 1, 2021 — Dec. 31, 2021

AMP Employee Charitable Giving: \$4,747

ENVIRONMENT

emissions in short tons (AFEC, AMP share of Prairie State*, gas and diesel turbines)

Oct. 1, 2021 — Dec. 31, 2021

CO₂: 1,568,149

SO₂: 838

NO_x: 383

PM: 26

CO: 24

Hg (in lbs): 14

VOC: 0.011

**Prairie State data not yet certified*

Emissions listed are associated with AMP's fossil-fueled assets and include neither market power purchases nor emissions that may be imputed from the sale of renewable energy certificates by AMP or its members.

HAZARDOUS, UNIVERSAL, OTHER WASTE

Oct. 1, 2021 — Dec. 31, 2021

63 lbs.

TRASH PULLED FROM THE OHIO RIVER

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3,280 lbs.

ENERGY EFFICIENCY AND ECOSMART CHOICE[®] REC SALES

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Efficiency Smart[®] Cumulative Savings

2014 — 2021: 138,963 MWh **2021 Q4:** 5,410 MWh

EcoSmart Choice[®] REC Sales: 28,802 MWh

RECYCLING AND REUSE

Oct. 1, 2021 — Dec. 31, 2021

Recycled glass, plastic, metals, paper, cardboard and soil
31,915 lbs.