

September 2021

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|--------------------|--|--|---------------------------------------|-----------|-----------|-----------|
| 29 – August | 30 - August <i>5th Monday</i> No Scheduled Meetings | 31 - August | 1 | 2 | 3 | 4 |
| 5 | 6 Labor Day City Offices Closed | 7 6:15 pm - Technology Committee 7:00 pm – City Council | 8 | 9 | 10 | 11 |
| 12 | 13 6:15 pm – Electric Comm Board of Public Affairs 7:00 pm – Water/Sewer Comm. 7:30 pm – Muni Prop/ED Comm. | 14 4:30 pm – BZA 5:00 pm – Planning Commission | 15 | 16 | 17 | 18 |
| 19 | 20 6:00 pm – Tree Commission 6:00 pm – Park Rec Committee 7:00 pm – City Council | 21 | 22 Start of Fall | 23 | 24 | 25 |
| 26 | 27 6:30 pm– Finance/Budget Comm. 7:30 pm-Safety & HR Comm. | 28 4:30 pm – Civil Service Comm. | 29 6:30 pm – Park Rec Board | 30 | | |

AMP Update for Aug. 20, 2021

American Municipal Power, Inc. <webmaster@amppartners.org>

Fri 8/20/2021 4:38 PM

To: Roxanne Dietrich <rdietrich@napoleonohio.com>

Having trouble viewing this email? [Click here to view web page version](#)



Aug. 20, 2021

AMP honors three individuals for significant contributions with Wall of Fame induction ceremony

By Adam Ward - senior vice president of member services and external affairs

On Aug. 18, AMP held the induction ceremony for three Wall of Fame inductees. Mike Weadock, former safety service director for the City of St. Marys and Chair of the AMP Board of Trustees; John Coyle, partner at the law firm of Duncan and Allen; and Marc Gerken, former AMP President/CEO.

The Wall of Fame was established in 2010 to honor those individuals who, through their dedication, have made significant contributions to AMP and public power. Plaques outlining Gerken, Weadock and Coyle's contributions will now hang on the Wall of Fame in the AMP Board of Trustees room at AMP's headquarters in Columbus.

Mike Weadock, 2020 AMP Wall of Fame honoree

Mike Weadock served as safety service director for the City of St. Marys from 1989 to 2005. A strong advocate for public power, he served on the AMP Board of Trustees for 13 years, including as chair from 2000 until his retirement in 2005. During his time on the Board of Trustees, Weadock had a profound impact on the organization and its member communities.

As chair, Weadock helped to lead AMP through a period of significant evolution and growth, helping membership increase from 83 members in three states to 110 members in four states, and greatly expanding the scope of services offered by the organization. He also oversaw the development of a long-term organizational strategic plan, which led to the eventual development of many AMP generation facilities, including the hydroelectric fleet, the AMP Fremont Energy Center and the Prairie State Energy Campus. Weadock is an honorary member of the Ohio Municipal Electric Association and a member of the American Public Power Association Honor Roll.

"Mike was very instrumental in my being able to understand this industry," Gerken said. "He was one of my mentors, and when I started to work for AMP, he was one of my big supporters. I want to thank him for all of his hard work and guidance."

John Coyle, 2020 AMP Wall of Fame honoree

John Coyle has represented AMP on numerous occasions during his time at the law firm of Duncan and Allen. A stalwart of public power, Coyle oversaw the organization's renegotiation for the New York Power Authority's preference power arrangement. His breadth of legal knowledge and negotiation skills helped to ensure that the prices and conditions remained tenable and beneficial for the organization and its member communities.

Throughout his career, Coyle has provided a great deal of impactful legal counsel to AMP and a number of its member communities and has represented municipal and consumer interests in proceedings before the Federal Energy Regulatory Commission, state utility regulatory commissions and the North American Electric Reliability Corporation.

"He has been a huge advocate of public power. His firm has been a huge supporter of APPA," Gerken said. "He is always insightful, is a very smart guy and I have tremendous respect for him. I want to thank him for his significant contributions to AMP and public power."

Marc S. Gerken, P.E., 2021 AMP Wall of Fame honoree

Marc Gerken served as President/CEO of AMP from 2000 until his retirement in 2020. Gerken's strategic vision helped lead AMP through significant growth in terms of membership (from 83 members in three states to 135 members in nine states), assets (from \$248 million to \$6.6 billion), annual revenues (from \$222 million to \$1.1 billion) and system peak (from 1,877 MW to 3,489 MW).

Under Gerken's leadership, the organization transitioned from AMP-Ohio to AMP, developed new value-added member programs, achieved strong financial ratings and led AMP's efforts to develop, finance and construct a range of generation projects. Gerken worked closely with the AMP Board of Trustees to undertake strategic planning, and his passion and vision resulted in AMP being a recognized leader in the utility industry.

"Like Dick Gorsuch and Ken Hegemann who came before him, Marc left an indelible impression on the organization," said Jolene Thompson, AMP President/CEO. "On behalf of the AMP Board and team of employees, thank you Marc, for your leadership and the strategic thinking that you provided through the years. AMP would not be the organization it is today without your passion and drive."



Wall of Fame recipients from left to right: Mike Weadock, Marc Gerken and John Coyle

Nominations open for AMP Board of Trustees

By Bob Thompson - Ephrata borough manager/secretary, AMP Nominating Committee Chair, AMP Board of Trustees



Four at-large seats on the AMP Board of Trustees will be up for election during the organization's general membership meeting on Sept. 21 during the 2021 AMP Annual Conference. The at-large seats, for three-year terms, are currently held by the Ohio communities of Bryan, Montpelier, Oberlin and Orrville. Trustees, whether at-large or service group representatives, are elected by member - not by individual. The elected member then appoints a representative to fill its Board seat. All members are eligible to be nominated for the at-large seats. If your member community would like to be considered for nomination, please contact me at 717.587.0305 or bthompson@ephrataboro.org.

Due to the hybrid setting for the Annual Conference, Board elections for AMP will be held exclusively via an online voting platform. Paper ballots will not be available for in-person attendees, so all voters should bring a computer or mobile device to the general membership meeting. Additional information regarding the voting process will be distributed to each member's primary contact. Any questions regarding the voting process or primary contacts may be directed to Errin Harris at 614.540.0942 or eharris@amppartners.org.

Given the hybrid setting, although proxy voting will be permitted, we anticipate that it will generally be unnecessary. Note that an individual representative may vote on behalf of only one member community. Proxies must be named by an authorized official (i.e., mayor/city manager/board chair or general manager) and a single designated person must carry the proxy for all voting purposes. Any proxy designation should be sent electronically to Errin Harris at eharris@amppartners.org. To accommodate the requirements of the online voting platform, any proxy designation must be received by close of business on Sept. 17.

Reminder: Nominations sought for OMEA Board of Directors and Honorary Membership

By OMEA Nominating Committee

Four seats on the Ohio Municipal Electric Association (OMEA) Board of Directors expire this year and the OMEA nominating committee is seeking nominations. The seats up for election this year on the OMEA Board of Directors are currently held by Bryan, Tipp City, Wapakoneta and Westerville. Two of these seats must be filled by an elected official, while the other two may be filled by elected or nonelected officials.



Nominations are due by Aug. 27, 2021, and should be directed to the nominating committee, which consists of Montpelier Mayor Steve Yagelski, 419.485.5543 or Steve.Yagelski@cktech.biz; Edgerton Mayor Robert Day, 419.298.2912 or rday@edgerton-ohio.com; and Orrville Mayor Dave Handwerk, 330.684.5000 or mayor@orrville.com. You may also contact Michael Beirne, OMEA executive director, at 614.540.0835 or mbeirne@amppartners.org.

We also welcome suggestions for OMEA Honorary Membership. Honorary Membership is awarded to individuals who have had a distinguished public power career with significant accomplishments - with special consideration given to individuals who have retired from service or announced that they will be retiring soon.

Due to the hybrid setting for the Annual Conference, Board elections for OMEA will be held exclusively via an online voting platform. Paper ballots will not be available for in-person attendees, so all voters should bring a computer or mobile device to the general membership meeting. Additional information regarding the voting process will be distributed to each member's primary contact. Any questions regarding the voting process or primary contacts may be directed to Errin Harris at eharris@amppartners.org.

Given the hybrid setting, although proxy voting will be permitted, we anticipate that it will generally be unnecessary. Note that an individual representative may vote on behalf of only one member community. Proxies must be named by an authorized official (i.e., mayor/city manager/board chair or general manager) and a single designated person must carry the proxy for all voting purposes. Any proxy designation should be sent electronically to Errin Harris at eharris@amppartners.org. To accommodate the requirements of the online voting platform, any proxy designation must be received by close of business on Sept. 17. Please contact Errin Harris at 614.540.0942 or eharris@amppartners.org with any questions regarding the election procedures.

AMP peak shaving summary - Summer 2021

Summer 2021 has been warmer than average with a hot June, an average July and a warmer-than-average August (so far). The first event for PJM was called on June 7 and the most recent was called for Aug. 13. In total, PJM 5 CP peak shaving was called on 11 separate days (plus an additional four yellow only days) for a total of 42 hours (not including 42 yellow advisory hours). Of these hours called, there were 28 orange and 14 red hours.

The table below lists the current top five 5 CP dates and hours. PJM can reconcile additional data (through Nov. 1) that may shift the dates slightly, but any adjustments are not expected to shift the current standing. We were successful in calling red events across the top three 5 CP hours and called orange for the fourth and fifth hours.

| ZONE | 2021 Peak Load | Date | Hour Ending EPT | 2020 Peak |
|----------------|----------------|-----------|-----------------|-----------|
| PJM 1CP | 148,209 | 8/12/2021 | 17 | 144,320 |
| PJM 2CP | 146,855 | 6/29/2021 | 17 | 143,576 |
| PJM 3CP | 146,007 | 7/6/2021 | 17 | 143,261 |
| PJM 4CP | 142,693 | 7/7/2021 | 15 | 141,264 |
| PJM 5CP | 141,841 | 8/13/2021 | 16 | 140,836 |

For Transmission Peak Shaving, we called an average of six total days with an average of 22 hours per zone (not counting yellow hours). This included an average of 38 yellow hours, 18 orange hours, four red hours per zone, and no black hours. Below is a table breaking out the number of hours called in each zone:

| | AEP | APS | ATSI (FE) | Duke (DEOK) | Dayton | Delmarva (DPL) | Dominion | PPL | Penelec | Meted |
|-------------|-----|-----|-----------|-------------|--------|----------------|----------|-----|---------|-------|
| Days | 7 | 3 | 5 | 4 | 9 | 8 | 9 | 5 | 5 | 4 |
| 2 (Orange) | 19 | 11 | 17 | 14 | 30 | 25 | 25 | 17 | 11 | 16 |
| 3 (Red) | 6 | 0 | 4 | 3 | 6 | 3 | 10 | 0 | 5 | 0 |
| Total Hours | 25 | 11 | 21 | 17 | 36 | 28 | 35 | 17 | 16 | 16 |

The ATSI, AEP, Penelec, PPL, Delmarva and Dominion Zones had red events called across the peak hour, and APS, Dayton, Duke and Meted had orange events called initially across the peak hour, which - due to everyone already running for 5 CP peak shaving - was not increased to red.

| ZONE | 2021 Peak Load | Date | Hour Ending EPT | 2020 Peak |
|----------------|----------------|-----------|-----------------|-----------|
| AEP | 21,394 | 6/29/2021 | 15 | 21,657 |
| FE | 12,604 | 6/29/2021 | 15 | 12,465 |
| APS | 8,865 | 8/12/2021 | 17 | 8,638 |
| PPL | 7,522 | 6/30/2021 | 16 | 7,260 |
| DUKE | 5,306 | 8/12/2021 | 16 | 4,975 |
| DELMARV | 4,006 | 8/12/2021 | 18 | 4,086 |
| DAYTON | 3,317 | 8/12/2021 | 17 | 3,296 |
| PENELEC | 2,899 | 6/29/2021 | 14 | 2,911 |
| METED | 3,072 | 8/12/2021 | 18 | 2,976 |

The 1 and 5 CP peak shaving events resulted in AMP's combustion turbines running approximately 51 hours so far this summer and AMP-controlled diesel units seeing approximately 40 hours of operation.

Preliminary numbers show the AMPCT project seeing 86 percent production across the peak, and JV2 was 88 percent compared to the budgeted amount of 66 percent.

July 2021: Average temperatures, high prices

By Mike Migliore - vice president of power supply and marketing

Despite average to slightly below average temperatures across PJM, elevated natural gas prices pushed power prices to their highest summer level since June 2014. On-peak prices were \$14/MWh higher than July 2020. Monthly average prices were high even though the maximum hourly day-ahead rate at the A/D Hub only reached \$102/MWh at 6 p.m. during a PJM peak day on July 6. Real-time locational marginal pricing (LMP) averages were \$1.40/MWh lower than day-ahead LMPs with eight separate hours above \$100/MWh and a maximum of \$300/MWh on July 18 at 11 p.m. Although energy prices were higher, congestion within most of PJM was lower than last year.

| Average Daily Rate Comparisons | | | |
|---|---------------------------------|---------------------------------|---------------------------------|
| | July 2021 \$/MWh | June 2021 \$/MWh | July 2020 \$/MWh |
| A/D Hub 7x24 Price | \$36.95 | \$32.32 | \$25.54 |
| PJM West 7x24 Price | \$36.62 | \$30.89 | \$25.42 |
| A/D to AMP-ATSI Congestion/Losses | \$0.28 | -\$0.48 | \$0.44 |
| A/D to Blue Ridge Congestion/Losses | -\$0.71 | -\$0.59 | -\$1.56 |
| A/D to PJM West Congestion/Losses | -\$0.33 | -\$1.43 | -\$0.12 |
| PJM West to PP&L Congestion/Losses | -\$3.19 | -\$2.71 | -\$3.53 |
| MISO to A/D Hub Congestion/Losses | \$1.23 | \$1.52 | \$2.46 |

| JULY OPERATIONS DATA | | |
|---|--------------|--------------|
| | July 2021 | July 2020 |
| Fremont Capacity Factor | 59% | 76% |
| Prairie State Capacity Factor | 102% | 88% |
| Meldahl Capacity Factor | 84% | 55% |
| Cannelton Capacity Factor | 88% | 63% |
| Smithland Capacity Factor | 86% | 89% |
| Greenup Capacity Factor | 76% | 57% |
| Willow Island Capacity Factor | 75% | 36% |
| Belleville Capacity Factor | 99% | 53% |
| Blue Creek Wind Capacity Factor | 12% | 13% |
| JV6 Wind Capacity Factor | 3% | 4% |
| Front Royal Solar Capacity Factor | 27% | 27% |
| Bowling Green Solar Capacity Factor | 31% | 37% |
| Avg. A/D Hub On-Peak Rate | \$45/MWh | \$32/MWh |
| * Fremont capacity factor based on 675 MW rating. * PS capacity factor based on 1,582 MW rating. * Meldahl capacity factor based on 105 MW rating. * Cannelton capacity factor based on 87.6 MW rating. * Smithland capacity factor based on 76.2 MW rating. * Greenup capacity factor based on 70 MW rating. * Willow Island capacity factor based on 44.2 MW rating. * Belleville capacity factor based on 42 MW rating. * Front Royal Solar capacity factor based on 2.5 MW rating. * BG Solar capacity factor based on 20 MW rating. | | |

AMP History Minute: Training and safety programs

By Michele Lemmon - manager of public relations and digital media

As American Municipal Power, Inc. (AMP) marks its 50th anniversary in 2021, we are sharing an AMP History Minute each month to celebrate this milestone. This month, we look at the history of AMP's training programs, which were first offered in 1985 through the Ohio Public Power Educational Institute (OPPEI).

Formed separately from AMP in 1985, OPPEI was a nonprofit corporation with the purpose of developing, assembling and disseminating information about public



In 2010, AMP began planting trees to help offset greenhouse gas emissions (GHGs) produced at its fossil-fueled sites.

To date, AMP has planted 467 acres with more than 300,000 native hardwood seedlings at five parks in partnership with the Ohio Department of Natural Resources and the Columbiana County Park District. AMP has the rights to these offsets for a period of 99 years. All five sites were once agricultural or strip-mined lands that AMP reforested in hopes of not only offsetting GHGs, but further improving the surrounding habitat, water quality and community.

AMP staff annually inspects the sites to monitor tree health and growth. This year, site visits were conducted in June and July.

Shawnee State Forest, West Portsmouth, Ohio - 17,500 trees were planted across 27 acres in March 2010. On July 7, average tree height measured 18 feet, with the tallest being 30 feet.

Hellbender Bluff Park, Columbiana, Ohio - 125,800 trees were planted across 185 acres in April 2012. On July 20, average tree height measured 12 feet, with the highest being 15 feet tall.

Fernwood State Forest, Bloomingdale, Ohio - 114,240 trees were planted across 168 acres in March 2016. On July 14, the average tree height was 10 feet.

West Blue Rock State Forest, Rockbridge, Ohio - In April 2016, 24,140 trees were planted across 32 acres. On June 23, average tree height measured 9 feet, with the tallest being 15 feet.

Harrison State Forest, Cadiz, Ohio - 44,880 trees were planted across 66 acres in April 2016. On July 14, the average tree height was 7 feet.

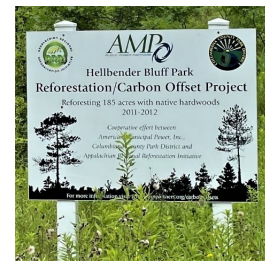
You can learn more about AMP's efforts [here](#). If you have questions about AMP's reforestation efforts, please contact me at emiller@amppartners.org.

2021 AMP Conference to feature session on federal legislative issues

By Zachary Hoffman - manager of communications and publications

The Federal Legislative Update session will be held at the 2021 AMP Annual Conference on Sept. 22, 9:45-10:15 a.m. Led by moderators Robert Patrick, director of public service, City of Wadsworth, and Michael Beirne, AMP vice president of external affairs and OMEA executive director, this session will focus on the impact of national legislative and political issues on public power utilities. The session will feature AMP's longtime federal lobbyist Marty Kanner, Kanner & Associates, who will provide updates on the outlook for public power priorities in Washington D.C., and how members can best engage on priority issues.

For a full schedule of sessions or to register for conference, click [here](#).



*Hellbender Bluff Park
AMP reforestation sign*



*Blue Rock State Forest
reference tree*

On-peak power prices for 2022 at AD Hub closed yesterday at \$41.40/MWh, which was \$0.10/MWh lower for the week.

| On Peak (16 hour) prices into AEP/Dayton | | | | |
|--|---------|---------|---------|---------|
| Week ending Aug. 20 | | | | |
| MON | TUE | WED | THU | FRI |
| \$38.90 | \$44.10 | \$44.92 | \$49.47 | \$49.20 |
| Week ending Aug. 13 | | | | |
| MON | TUE | WED | THU | FRI |
| \$49.02 | \$51.29 | \$55.13 | \$56.23 | \$48.82 |
| AEP/Dayton 2022 5x16 price as of Aug. 19 — \$41.40 | | | | |
| AEP/Dayton 2022 5x16 price as of Aug. 12 — \$41.50 | | | | |

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center (AFEC) plant was in 2x1 configuration during the week. The plant cleared offline for the overnight hours Saturday through Tuesday based on PJM day-ahead economics. Duct firing operated for 52 hours this week. For the week, the plant generated at a 68-percent capacity factor (based on 675 MW rating).

Save the date: National Hydropower Day is Aug. 24

By Zachary Hoffman

For more than 125 years, hydropower has powered this nation with clean, renewable energy. National Hydropower Day - Aug. 24 - is time to celebrate America's first renewable energy resource.

AMP operates one of the largest run-of-the-river developments of renewable hydroelectric generation in the region. The six projects that AMP owns and/or manages in along the Ohio River provide more than 400 MW of renewable energy generation. Additionally, a number of AMP member communities operate their own locally sited hydroelectric facilities.



Please join us in celebrating National Hydropower Day. To assist you, AMP, along with the National Hydropower Association (NHA), is providing helpful communications materials. Find AMP's communications materials in the National Hydropower Day toolkit on the [Public Power Connections page](#) of the [Member Extranet](#) (log in required). Find NHA's communications materials [here](#).

Participants can celebrate the day by sending out a press release, submitting a story or letter to the editor to your local newspaper or media outlet, or engaging on social media. If your organization is active on social media, we encourage you to post a message supporting National Hydropower Day 2021 using the following hashtags: #HydroDay #publicpower #wearepublicpower.

If you have questions about National Hydropower Day 2021, please contact LeRoy Coleman at leroy@hydro.org. If you have any other questions about social media, please contact me at zhoffman@amppartners.org.

Stay safe while working from the office

By Jared Price - vice president of information technology and chief technology officer

Prioritizing your organization's security is crucial, even inside your office. While your office may seem safe, cybercriminals can try to steal your information or hack your work devices when you least expect it. By following your organization's policies and taking important precautions, you can help keep your office secure.



Follow the tips below to keep your office space safe:

Keep physical documents organized and safe.

- Do not leave important documents out for others to see. Organize important documents and store them in secure areas, such as a locked drawer.
- Never write passwords down, such as on sticky notes or in notebooks. If you leave your computer's password on a sticky note and a bad guy finds it, they will have access to all the files on your work computer.
- If you need to dispose of important documents such as addresses or social security numbers, use a shredder. If you throw away an important document without shredding it, anyone could reach into the trash can and read the information on it.

Protect your computer and devices.

- Lock your screen. If you leave your computer unlocked, cybercriminals may find important information, such as customer details, and they can use the opportunity to infect your computer with harmful malware.
- Do not insert USB drives into your computer unless you know they are safe. Cybercriminals can use fake USB drives to upload malware onto your computer.
- Do not download untrusted applications or software onto your work computer. If you are unsure if an application or software is permitted, review your organization's policy or ask your IT team.

Do not let strangers follow you into the office.

- Watch out for tailgating. Cybercriminals may pose as authorized personnel to gain access to the office.
- Beware of fraudulent identification. Cybercriminals may try to trick you with stolen or fake badges.