

USEA

United States Energy Association

The official newsletter of the United States Energy Association



A Time of Change

ACTING EXECUTIVE DIRECTOR SHEILA HOLLIS

Dear USEA family,

I'm happy to introduce the brand-new USEA newsletter. Now, more than ever, we feel it is important to keep you informed of everything that the United States Energy Association is doing. Despite the pandemic, we are as engaged and active as ever, forging on with our international work and hosting major energy events, albeit virtually.

For the past two months, USEA has been grieving. In August, Barry Worthington, our longtime Executive Director of 31 years, passed away suddenly. At the time, it was impossible to articulate our grief. Barry was USEA; he built from nothing the organization that now has a remarkable global impact. The incredible outpouring of condolences we received after his passing is evidence of his towering legacy. We are truly appreciative of the global energy community for their support during this time.

We know USEA must continue on the way Barry would want us to: working every day to deliver energy access to millions who don't have it, and to continue educating about every aspect of our sector. And we have done just that. By the end of this month, we will have hosted 58 unique webinars and workshops over two months. Last month, our 2nd Annual Advanced Energy Technology Forum was attended by hundreds of registrants in 33 different countries.

I'd like to thank our wonderful Board of Directors, who have aided us in every way possible during these past few difficult months. We are blessed to have a Board comprised of great minds from across the energy sector.

I have a saying, "Energy Never Sleeps". It impacts everyone on this planet, at all times. And USEA can't sleep either. We will continue to work tirelessly and strive for the betterment of all. I hope you'll join us on the journey.

Sheila Hollis

About USEA

USEA serves as a resource and voice for the American energy industry.

Internationally, USEA helps expand energy access in developing countries with the U.S. Government.

- USEA has hosted 240+ domestic energy events since 2010.
- USEA has performed work in over 100 countries in 6 continents.
- Our staff has 30 employees that speak 14 unique languages.

Partner Agencies

U.S. Agency for International Development

U.S. Department of State

U.S. Department of Energy

USEA Executive Chairperson Vicky Bailey Named WCEE 2020 Champion

USEA Executive Chairperson Vicky Bailey was honored as 2020 Champion of the Women's Council on Energy & the Environment (WCEE) at the 39th Annual Gala on October 15.

The virtual event celebrated her success as an exemplary energy leader and her commitment to the professional development of women.

In her formal remarks to over one hundred attendees, Bailey reflected that she stood on the shoulders of several champions in her own life, evoking an African proverb: "If you want to go fast, go alone. If you want to go far, go together".



Bailey was recognized for her service as USEA Chairman at the Annual Membership Meeting in May 2019.

In Memoriam: Barry K. Worthington

July 24, 1954 - August 14, 2020

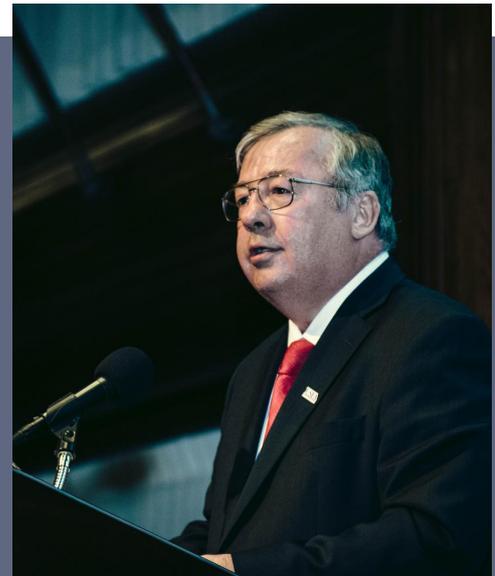
Barry K. Worthington was born and raised in Dushore, Pennsylvania. After graduating from Sullivan County High School, he attended his beloved Penn State University, and graduated with a degree in Man & Environmental Relations. He then obtained a Masters in Studies of the Future from the University of Houston.

After stints at Houston Lighting and Power and the Thomas Alva Edison Foundation, Barry became Executive Director of USEA in 1988. Over his 31-year tenure, he expanded USEA from two staff members and revenues of \$200,000, to 30 employees and revenues of \$11 million. Under his watch, USEA has worked in 104 countries around the globe.

After his passing, condolences poured in from the energy community around the world. In hundreds of emails, social media posts, and phone calls, all paid homage to Barry. Dozens of organizations, including the World Energy Council and the United Nations Economic Commission for Europe, sent official condolence letters. This global display of grief is a testimony to his reputation and legacy.

Barry is survived by his wife, Louise, son Barry and daughter Kerry.

We love and miss you, Barry.



"His contribution to the domestic and international energy sector is unparalleled, and his vision and success for USEA - improving lives around the world - is the cornerstone of that legacy." Acting Executive Director Sheila Hollis



2nd Annual Advanced Energy Technology Forum Attracts Global Audience

USEA's 2nd Annual Advanced Technology Forum was held virtually on September 17. It featured presentations from distinguished energy scientists, professors, and industry leaders. The closing keynote address was delivered by Dr. Michael Webber, Chief Technology Officer of ENGIE.

The event had a global reach: hundreds participated from 33 countries in 6 continents.

Women In Energy: Kathy Curtis

October 2020

The Women in Energy series is a joint project between USEA and USAID that was developed out of USEA's Engendering Utilities Partnership, a program funded by USAID to improve gender policies and gender outcomes at their respective organizations. Every month, we feature a woman who has shown exemplary leadership.

October's honoree is Kathy Curtis, Senior Vice President of Generation at Dominion Energy Virginia. Her team oversees the operation of Dominion Energy Virginia's power-generating fleet of gas, hydro, solar, biomass, coal and oil-fueled power stations in Virginia, North Carolina and West Virginia.

Curtis joined the company in 1981 and has held numerous leadership positions in the corporate support departments of Human Resources, Supply Chain Management, Information Technology, and New Asset Acquisition & Integration. Her longest tenure has been in Power Generation, where she held leadership responsibilities for several power stations and served as Vice President of Merchant Operations before assuming her current post in January 2014.

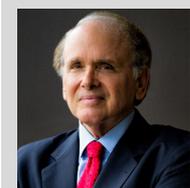
WOMEN IN ENERGY



Kathy Curtis

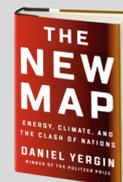
SENIOR VICE PRESIDENT-
GENERATION
DOMINION ENERGY VIRGINIA

“At Dominion Energy, we believe diversity is a strength that gives us the competitive advantage we need to better serve our customers, foster innovation and position the company for long-term success.”



Pulitzer-Prize Winning Author and USEA Board Member Dan Yergin Releases New Book

The New Map: Energy, Climate, and the Clash of Nations assesses how energy advancements and geopolitics are shaping the future of our world.



Program Round-Up

Energy Utility Partnership Program (EUPP)

"Improving Utility Performance and Self-Reliance By Enhancing Institutional Knowledge"

The Energy Utility Partnership Program (EUPP) is a cooperative initiative between USEA and the United States Agency for International Development (USAID) under the Bureau for Economic Growth, Education, and Environment (E3). EUPP works around the world to promote energy security, clean energy access, and capacity building to achieve self-reliance.

By bringing countries together and encouraging knowledge sharing of global best practices, EUPP provides emerging markets with access to U.S. public and private sector expertise and technical assistance. These partnerships between U.S. energy sector companies and agencies and organizations within USAID-assisted countries expedite the transfer of private sector, market-based approaches in utility operation and management, regulation, and environmental improvement.

EUPP is currently engaged in partnerships in countries around the world, including Colombia, Ethiopia, Uganda, Rwanda, Honduras, Senegal, Kenya, Indonesia, and Tanzania. The Program also has several ongoing regional partnerships, including the NELSAP/East Africa Power Pool Regional Partnership, South Asia Regional Energy Hub, Central Asia Partnership, Asia Gas Partnership, South Asia Regional Energy Initiative, Greening The Grid (India), and upcoming Business Innovation Partnership (BIP).

Energy Technology and Governance Program (ETAG)



"Supporting The Countries of Europe and Eurasia In Achieving Their Shared Vision of Energy Security and Regional Integration"

USEA's Energy Technology and Governance Program (ETAG) enables the countries of Europe and Eurasia to achieve their shared vision of energy security and regional integration.

In partnership with the United States Agency for International Development (USAID), ETAG programs serve to: support the maturing energy industry across southeast Europe on its journey to self-reliance; prevent malign geopolitical influence by reducing energy dependence on Russia and China; and establish regional energy markets.

ETAG programs lean on U.S. industry expertise and technology to provide capacity building for utilities and energy professionals in the region. Our programs offer training and professional development, teach technical modeling and engineering best practices, and provide software and tools necessary for mature utility operation.

Some of our current projects and areas of focus include:

- planning reliable cross-border transmission to improve energy exchange and market trade;
- developing technical guidelines and infrastructure assessments to speed the integration of clean energy technology;
- improving security of supply by advising distribution systems on planning, asset management, smart grid technology, and disaster preparedness and response; and
- fortifying utilities to defend against cyberattacks.

USEA member organizations both contribute to technical expertise and innovation that strengthens the region, and also benefit from the potential investment opportunities for US industry that will come with mature, secure energy markets across Europe and Eurasia.



Promoting Consensus on CCUS and Clean Coal Technologies

"To Educate The Public, Policy Makers, Industry, and Other Stakeholders and Build A Consensus on the Benefits of Carbon Capture Utilization Sequestration and Clean Coal Technologies"

In keeping with its mission to increase understanding of energy issues domestically and internationally, USEA launched the "Building Consensus on Carbon Capture, Utilization and Storage (CCUS) and Clean Coal Technologies" program in 2008. While dramatic progress continues to be made in developing carbon capture, utilization and storage and clean energy technologies, neither the progress achieved to date nor the full capability of CCUS and clean coal technologies is widely understood - yet it must be if CCUS and clean coal technologies are to have a significant global impact. The reality that much of the developing world will continue to use coal, and other fossil fuels, for decades to come further underscores the need for these technologies. With support from the U.S. Department of Energy, USEA's Consensus program addresses the need for global public outreach and consensus building on the need for these technologies to achieve global decarbonization efforts."

Promoting CCUS and related technologies supports development efforts of coal-reliant communities that have experienced economic devastation in the face of declining coal use. Utilizing CCUS and CCT ensures capital, promotes resource market expansion, and heavily impacts the overall socio-economic status of these rural communities. These technologies support an expanding market of opportunities for the use of CO₂ and coal byproducts in the production of cement, fertilizer, and fuels and the extraction of Rare Earth Elements and Critical Minerals. Deployment of CCUS and Clean Coal technology holds the potential for rural job creation and revitalization.

Promoting Consensus On Oil and Natural Gas



"Convening Global Stakeholders to Ensure an Affordable, Sustainable, and Secure Energy Future"

USEA, through a cooperative agreement with the U.S. Department of Energy's (DOE) Office of Fossil Energy (FE), supports DOE's primary mission to ensure the nation can continue to rely on coal, oil, and natural gas resources for clean, secure, and affordable energy while enhancing environmental protection. This program, Promoting Domestic and International Consensus on Oil and Natural Gas, also known as Consensus Oil and Gas, supports FE and the U.S. energy industry by:

- Providing increased knowledge of international oil and natural gas to industry and government decisionmakers, technology developers, educators, policymakers, environmental stakeholders, and the public.
- Building a broad consensus among domestic and international decisionmakers, stakeholders, and the public to take action to support and implement international oil and natural gas technologies and systems.

During the COVID-19 pandemic, the program has continued to engage industry members and governments through a variety of virtual engagements. USEA arranged a series of roundtables between the U.S. Department of Energy and the public. The roundtables focused on the prospects for exporting natural gas, crude oil, and petroleum products to China under the Phase I Trade Agreement negotiated with China.

Work has continued virtually on the U.S. - India Gas Task Force, as subcommittees have continued to meet to support the Government of India in reaching its goal of increasing the share of natural gas in India's primary energy mix from 6% to 15% by 2030. A full joint meeting of the GTF is expected to take place in November 2020.



U.S. - East Africa Geothermal Partnership (EAGP)

"Promoting Geothermal Development In East Africa's Great Rift Valley"

The EAGP was launched in 2012 to promote the development of geothermal energy resources and projects in East Africa. The EAGP program is a partnership between USAID and USEA and encourages and facilitates the involvement of the U.S. geothermal industry in the region. EAGP focuses on six priority countries: Djibouti, Ethiopia, Kenya, Rwanda, Tanzania, and Uganda.

Through EAGP, USEA provides technical and transaction advisory support and capacity building to public organizations and government ministries involved in geothermal development in the region through executive exchanges, workshops and short-term technical assistance assignments to learn about geothermal best practices from their counterparts in the U.S. and other countries.

During the COVID-19 pandemic, EAGP has remained engaged with partners in East Africa by organizing two webinar series. One series focuses on developing geothermal industrial parks. Webinars have included discussions on commercial considerations for geothermal industrial parks, legal and regulatory frameworks for geothermal industrial parks, and operational best practices for geothermal industrial parks.

A second webinar series, conducted in partnership with the United Nations Environment Programme's African Regional Geothermal Office (UNEP/ARGeo), shares information with East African stakeholders about emerging technologies in geothermal power generation. The first webinar focused on geothermal/solar hybrid power generation, with a second webinar highlighting the value of developing comprehensive relational geothermal databases.



USEA To Host Virtual Press Briefing on Friday, October 23

During this virtual press briefing, our guest speakers will examine the potential impact of the 2020 election on energy.

We will be joined by Tom Kuhn of Edison Electric Institute, Karen Harbert of American Gas Association, and John Kotek of the Nuclear Energy Institute.

The briefing will be moderated by syndicated columnist and broadcaster Llewellyn King. Sheila Hollis, USEA Acting Executive Director, will provide opening remarks.

ENERGY EFFICIENCY FORUM NORTH AMERICA

Energy Efficiency Forum To Be Held December 2nd

Join USEA, the Alliance To Save Energy, and Johnson Controls on December 2nd for the 30th Annual Energy Efficiency Forum, which will be held virtually.

This special forum promotes an energy efficiency ethic through the presentation of national and worldwide views on energy efficiency and the resulting impact on the environment, national security and economic growth.

October 2020 Calendar

10/22	Developing CCS Projects In Texas webinar (with Global CCS Institute)
10/22	Cybersecurity & Digitalization Webinar Series: Relationship Between Regulators & Power Utilities
10/23	USEA Virtual Press Briefing: Energy After the 2020 Election
10/27	Geothermal Industrial Park Webinar Series: Attracting Tenants
10/28	DOE Report on U.S. Oil and Natural Gas Webinar
10/29	Cybersecurity & Digitalization Webinar Series: Communication Strategies Before, During and After Cyber Attacks

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