



Edison Electric
INSTITUTE

INTERNATIONAL
PROGRAMS

Special Triannual Report

Creating & Delivering
Member Value

2020-2022

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■ INTRODUCTORY MESSAGE

In the past three years, the world has dealt with major global challenges, including the COVID-19 pandemic, extreme weather, rising energy costs, and financial and geopolitical stressors. These evolving challenges directly impacted the electric power industry, and they meant EEI International Programs had to adapt how we engaged our members and stakeholders. In this report, EEI International Programs will highlight our adapted activities and outreach between 2020 and 2022, with a key focus on how we created and delivered value to our members.

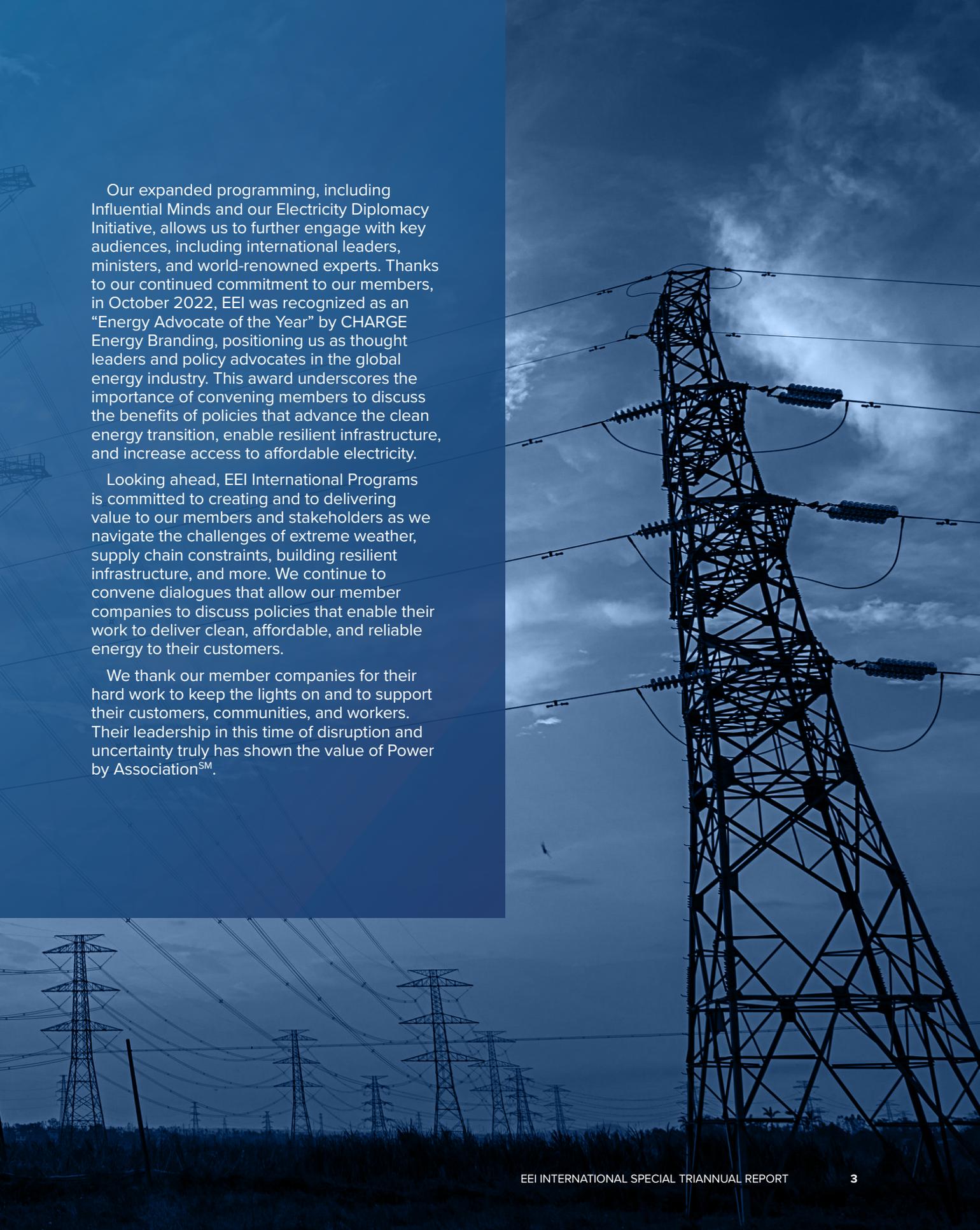
The events of 2020-2022 were unprecedented both for the world and for our industry, and they reinforce the importance of international collaboration.

We adapted quickly to the changing landscape by working with our member companies to establish a wide range of new virtual activities that helped to coordinate the global industry response to the pandemic and to continue to engage on industry trends and issues. These activities included a webinar series on industry topics; Influential Minds, a virtual conversation series that engages members in discussions with authors and experts from numerous fields on a holistic approach to the clean energy transition; the *Electric Perspectives: Global Circuit* podcast series featuring insights from member company CEOs; and virtual issue roundtables and member briefings to advance the global industry dialogue.

In 2021, for the first time ever, we hosted a virtual Global Electrification Forum (GEF) with sessions open to the public. This event was so successful—with more than 700 attendees across the 22 sessions—that we developed a regional virtual forum in summer 2021 for the Middle East and North Africa. The 6th annual GEF, held in April 2022, saw a record number of registrants across a week of virtual programming. As the pandemic continued to evolve and international travel became safer, the EEI International Programs team was able to arrange over more than 10 in-person engagements with our members and partners in Washington, D.C., and abroad. We also introduced the Electricity Diplomacy Initiative to take a more proactive approach in our engagements with ambassadors and world leaders on industry priorities.

Pivoting to virtual and hybrid programming allows our international members to convene more regularly. This increased engagement facilitated better global collaboration to build public awareness and support for greater electrification around the world.

EEI International Programs welcomed 10 new member companies over the past 3 years and today has more than 70 members operating in more than 90 countries. We continue to support our member companies by facilitating knowledge-sharing and offering support and guidance for initiatives that further the clean energy transition, which will ultimately increase access to affordable, reliable, and resilient electricity and promote sustainable development around the world.



Our expanded programming, including Influential Minds and our Electricity Diplomacy Initiative, allows us to further engage with key audiences, including international leaders, ministers, and world-renowned experts. Thanks to our continued commitment to our members, in October 2022, EEI was recognized as an “Energy Advocate of the Year” by CHARGE Energy Branding, positioning us as thought leaders and policy advocates in the global energy industry. This award underscores the importance of convening members to discuss the benefits of policies that advance the clean energy transition, enable resilient infrastructure, and increase access to affordable electricity.

Looking ahead, EEI International Programs is committed to creating and to delivering value to our members and stakeholders as we navigate the challenges of extreme weather, supply chain constraints, building resilient infrastructure, and more. We continue to convene dialogues that allow our member companies to discuss policies that enable their work to deliver clean, affordable, and reliable energy to their customers.

We thank our member companies for their hard work to keep the lights on and to support their customers, communities, and workers. Their leadership in this time of disruption and uncertainty truly has shown the value of Power by AssociationSM.

■ OUR MISSION

The mission of EEI International Programs is to enable electrification across the world. Since the start of International Programs more than 30 years ago, EEI has grown to more than 70 international member companies, with operations in more than 90 countries across 6 continents. We provide our members in the global electric power industry with an agile and efficient platform for collaboration, dialogue, outreach, and leadership.

We accomplish this mission by providing high-quality and relevant information and services that enhance the capacity of EEI's member companies to realize their commitments to building the affordable, reliable, resilient, and sustainable energy systems of the future.

■ OUR VISION

We envision a world in which electricity powers innovation, improves the quality of life, and drives economic growth. Our customers are at the center of everything we do. EEI and our member companies are leading a profound transformation of the world's energy systems. This transformation is built on maintaining a steady and strong transition to clean energy; modernizing the energy grid to make it smarter, stronger, cleaner, more dynamic, and more secure; and developing innovative customer solutions that provide greater convenience and a better customer experience.

We harness our international convening power to advocate for energy grid investments and regulations that advance a clean energy future. Working alongside organizations spanning from multinational to municipal, we recognize that the clean energy transition is global in scale and local in context.

PROGRAM HIGHLIGHTS

2020-2022

HELD MORE THAN 50 VIRTUAL EVENTS

19
COVID-19 BRIEFINGS
& WEBINARS

27
VIRTUAL
CONVERSATIONS

7
ROUNDTABLES

2
GLOBAL ELECTRIFICATION
FORUMS

15
GLOBAL
WEBINARS

6
WEBINARS
ON COP26

8
QUARTERLY
MEMBER
BRIEFINGS

LAUNCHED THE
**ELECTRIC
PERSPECTIVES:
GLOBAL CIRCUIT
PODCAST**

17
EPISODES
RELEASED

MORE THAN
3,000
DOWNLOADS

WELCOMED **10**
**NEW MEMBER
COMPANIES**

ATTRACTED 7,500+ COMBINED VIRTUAL ATTENDEES



COVID-19 RESPONSE

The COVID-19 pandemic brought many challenges to the electric power industry. EEI International Programs sprang into action to help our members navigate the unfolding situation, identifying challenges and sharing best practices to approach them.

One way we offered support to our members in the early months of 2020 was a bi-monthly COVID-19 call series covering a range of topics related to working through the pandemic, including:

- Operations and business continuity
- Workforce health safety
- Legal issues
- Planning for multi-event disasters
- Supply chain challenges
- Finance and investor issues
- Customer engagement, policy, and regulatory responses

Concurrently, EEI International Programs released a weekly COVID-19 newsletter that provided newly updated industry response measures to the pandemic. We also updated our resource hub, the Global Utilities Platform, with several resources to support member responses to the COVID-19 pandemic.

To further supplement and address member concerns about the pandemic, we established a COVID-19 webinar series. We hosted more than a dozen webinars between March and December 2020 on pandemic-related topics, including member company experiences, remote working, supply chain impacts, access to personal protective equipment, and responsible operational and workforce re-entry.



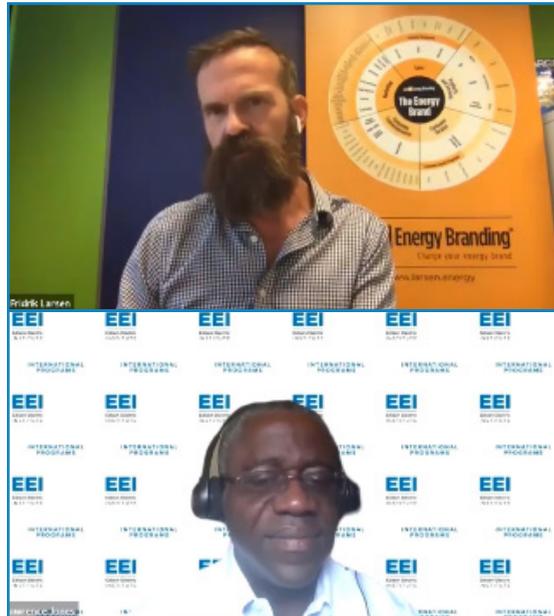
Acclaimed author, educator, psychologist, and researcher Dr. Jennifer Gidley joined Dr. Lawrence Jones to discuss how to plan for a new future after COVID-19.



David Turk, then International Energy Agency acting deputy executive director, and EEI Senior Vice President of Energy Supply & Finance Richard McMahon discussed energy economics, finance, and investments during COVID-19. The conversation was moderated by Dr. Lawrence Jones.

Our webinars included several member-only webinars and 3 webinars available to the public on the following topics:

- Electric Company Responses to COVID-19: Experiences From Italy
- Plugging In: Working, Innovating, Collaborating, and Leading From Your Home
- Electric Company Responses to COVID-19: Experiences from China
- COVID-19 and the Global Electric Power Sector: Long-term Supply Chain Risk and Implications
- Planning for Multi-Event Disasters
- Access to Industry-Critical PPE: Challenges, Opportunities, and Considerations for Electric Companies
- The U.S. Industry Response to COVID-19
- Sequestration Experiences: Protecting Our Critical Workforce to Keep the Lights On
- Planning Operations and Workforce Re-entry During a Pandemic: Managing Risks and Uncertainties
- Brand Storytelling: Building Authentic Stakeholder Relationships in Turbulent Times
- Re-launch, Re-think, Re-engage: Navigating the Risks of Responsible Re-entry For Electric Companies
- Electric Company Responses to COVID-19: An Update from Enel in Italy and Beyond
- [COVID-19 Energy Economics, Finance, and Investments](#)
- [COVID-19 Impacts, Challenges, and Opportunities for the Caribbean Electricity Sector](#)
- [A Short Introduction to the Future Post-COVID-19](#)



Dr. Fridrik Larsen, CEO of LarsEn Energy Branding, discussed brand storytelling and building authentic stakeholder relationships in turbulent times with Senior Vice President of International Programs Dr. Lawrence Jones.



Eddinton Powell, then FortisTCI president and CEO and CARILEC chairman, and CARILEC Executive Director Dr. Cletus Bertin discussed the impact and challenges of, and opportunities from, COVID-19 for the Caribbean electricity sector. The conversation was moderated by Dr. Lawrence Jones.

INFLUENTIAL MINDS:

An EEI International Conversation Series

While many of our activities focus on critical industry issues, EEI International Programs recognizes that our members are affected by the greater sociopolitical context of their countries, as well as that of the world at large. In 2020, we started a virtual conversation series that brought together experts and authors to provide a more holistic perspective to the clean energy transition.

Over two years, our conversation series grew and reached a wider global audience, so, in 2022, we relaunched the series as Influential Minds. The rebranded series focused on big-picture ideas from global thought leaders and experts that move the needle toward a more sustainable future.

We have hosted 41 sessions to date, with some sessions included as part of our annual conference.

2022



The Power of Us
with Dominic Packer



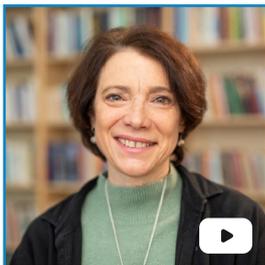
Escaping Gravity
with Lori Garver



Get It Done
with Ayelet Fishbach



On INGKA Group and IKEA
with Jesper Brodin



You Matter More Than You Think
with Karen O'Brien



Longpath
with Ari Wallach



Roll Up
with Thomas Flaherty



The Nexus
with Julio M. Ottino



The Power Law
with Sebastian Mallaby



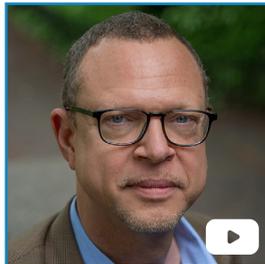
The Pivot
with Steve Hamm



***The Next Convergence:
The Future of Economic
Growth in a Multispeed
World***
with Michael Spence



***Spark: The Life of
Electricity and the
Electricity of Life***
with Timothy Jorgensen



Born in Blackness
with Howard French



***Subtract: The Untapped
Science of Less***
with Leidy Klotz



A Brief History of a Perfect Future
with Chunka Mui, Paul B. Carroll, and Tim Andrews

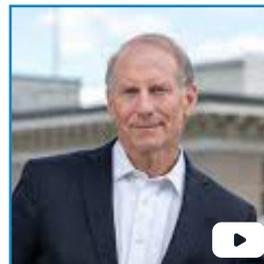
2021



***Saving Us: How to Talk
About Climate Change***
with Dr. Katharine
Hayhoe



***Visualizing the
Energy Future:
Lessons from Sci-Fi***
with Rune Kirt



Repairing the World
with Dr. Richard Haass



On Inhumanity
with Dr. David Smith



***The Psychology of
Pandemics***
with Dr. Steven Taylor

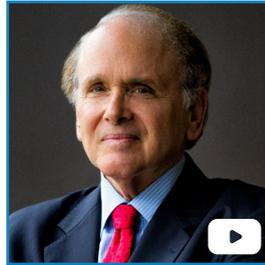
2020



***The First Hidden
Figure***
with Steve Mitnick



***The Age of
Globalization***
with Dr. Jeffrey Sachs



The New Map
with Dr. Daniel Yergin



Transformation
with John Elkington



***The World: A Brief
Introduction***
with Dr. Richard Haass



***Power After Carbon:
Building a Clean,
Resilient Grid***
with Peter Fox-Penner

GLOBAL WEBINAR SERIES

EI International Programs continued hosting webinars featuring presentations on innovative projects and lessons learned from our international member companies. We hosted 15 webinars in total, with most available online.

The Dingle Project: Innovation for Ireland's Energy Transition 



Harnessing Predictive Analytics to Prevent Cable Failure 



Digital Transformation for a Smarter Energy Grid 



Building Regional Markets: Lessons from GCCIA 



Innovating in Symphony: Orchestrating a New Consumer-Centric Energy Future 



2020 Edison Award Winner: ATCO's Alberta PowerLine 



SMRs and the Future of Nuclear Energy 



The Future of Hydrogen: Jemena's Power to Gas Trial 



Exploring the Applications of Digital Twin



Powering a
Bright Future

Vector's EV Smart Charging Trial



**World's Longest Subsea Interconnector
– The North Sea Link**



nationalgrid

ATCO's Old Crow Solar Project



ATCOTM

Two members-only webinars:

- Lessons From the 2019-2020 Australia Bushfire Season With Endeavour Energy
- Achieving Net Zero: Opportunities, Barriers, and Industry Priorities for a Clean Energy Future



■ DEMONSTRATING GLOBAL CLEAN ENERGY LEADERSHIP AT COP26 AND COP27

In conjunction with the 2021 and 2022 UN Climate Change Conferences, or COP26 and COP27, EEI International Programs hosted several webinars and Influential Minds discussions. These webinars and dialogues highlighted critical issues affecting the clean energy transition. The dialogues featured conversations with electric power industry leadership on topics including [carbon-free technologies](#), [climate resilience](#), [supply chain risk](#), [climate finance](#), [net zero policy](#), and [communication](#). Some of these discussions featured key messages to policymakers, business leaders, and activists from academic experts, including [Ari Wallach of Longpath](#), [Karen O'Brien of the University of Oslo](#), [Ayelet Fishbach of the University of Chicago](#), [Jesper Brodin of Ingka Group](#), and [Dominic Packer of Lehigh University](#).

■ THE GLOBAL ELECTRIFICATION FORUM

The Global Electrification Forum (GEF) is EEI International Programs' flagship event, convening EEI member company CEOs and other senior executives as well as policymakers and thought leaders from around the world. Launched in 2016, the event explores the pathways that electric companies are pursuing to realize their clean energy and climate goals.

In 2020, EEI International Programs made the difficult decision to cancel the GEF due to the COVID-19 pandemic. →

5TH ANNUAL

Global Electrification Forum

In 2021, EEI International Programs shifted the 5th annual GEF to a virtual format, which expanded our attendees to employees at every level of our member organizations and, for selected sessions, to members of the public in all industries. Our theme was **Destination 2050: Pathways, Inflections, Crossroads, Convergence**, exploring visions for what the energy system will look like in 2050. We had more than 700 attendees from more than 34 countries during the two weeks of the conference.

Sessions included keynotes, panels, and fireside chats from more than 50 speakers from across the globe. The forum also featured a special Earth Day session with remarks from His Majesty King Charles III of the United Kingdom (then the Prince of Wales). Full sessions are available on our [YouTube channel](#) and a summary of the Forum is available in the July/August 2021 issue of *Electric Perspectives*.

GEF: Regional Focus on Middle East & North Africa

Following the success of the 5th annual GEF, EEI International Programs launched a new series of regionally focused events to dive deeper into conversations and topics covered during the GEF. The first focus region was the Middle East and North Africa (MENA) region. Participants discussed the issues, challenges, and opportunities shaping the MENA electric power industry, including reducing carbon emissions, digitalization, and electrification. Recordings from the MENA-focused events are available on our website.





Realizing Net Zero Ambitions with Bill Brown, Founder, 8 Rivers Capital; Andrew Steer, President and CEO, Bezos Earth Fund; Søren Andreasen, CEO, Association of European Development Finance Institutions; Ólafur Ragnar Grímsson, Former President of Iceland and Chair of IRENA’s Global Commission on the Geopolitics of Energy Transformation; Pat Vincent-Collawn, Chairman, President and CEO, PNM Resources.



Enabling the Clean Energy Future with Andrés Gluski, President and CEO, AES Corporation; Francesco Starace, then CEO and General Manager, Enel Group; Ignacio Galán, Chairman and CEO, Iberdrola; Mads Nipper, Group President and CEO, Ørsted; Lawrence Jones, Senior Vice President for International Programs, Edison Electric Institute.

6TH ANNUAL Global Electrification Forum

The sixth annual GEF, held virtually in 2022, focused on the theme **Transitioning to a Sustainable World: Bridges, Opportunities, Barriers, Risks**. This event was made free of charge and open to the public to engage a larger audience, increase messaging impact, and build public awareness of the clean energy transition. Participants included more than 1,000 registrants and more than 90 speakers from more than 30 countries.

Sessions included keynote conversations, panels, CEO-to-CEO dialogues, fireside chats, and a Library of Innovation featuring videos from EEI member companies. John Kerry, U.S. Special Presidential Envoy for Climate and former Secretary of State, opened the forum in conversation with EEI Senior Vice President of International Programs Dr. Lawrence Jones and then-EEI Chair Warner Baxter, executive chairman of Ameren Corporation. Full sessions are available on [Vimeo](#) and a summary of the forum is available in the July/August 2022 issue of [Electric Perspectives](#).



Jay Grewal, President and CEO, Manitoba Hydro; Pat Vincent-Collawn, Chairman, President, and CEO, PNM Resources; Paula Gold-Williams, Former President and CEO, CPS Energy, and Chair, Keystone Policy Center.



Jean-Christian Turkson, Advisor to the General Manager, Compagnie Ivoirienne d'Electricité; Ruth Forbes, President and CEO, Fortis TCI; Ibrahim F. AlJarbou, then CEO, National Grid SA; Bob Rowe, then CEO, NorthWestern Energy.



E EI

Executive Chairman of Ameren Corporation and then-EEI Chair Warner Baxter in conversation with U.S. Special Presidential Envoy for Climate and former Secretary of State John Kerry to kick off the 6th annual Global Electrification Forum.



Robert Bryce, Author and Host, Power Hungry Podcast; Pedro Pizarro, President and CEO, Edison International and Chairman, Edison Electric Institute.



Nicholas Akins, Executive Chair, American Electric Power; Basil Scarsella, CEO, UK Power Networks.



Maria Pope, President and CEO, Portland General Electric and Vice Chairman, Edison Electric Institute; Alison Andrew, CEO, Transpower.



■ PEER-TO-PEER MEMBER ENGAGEMENT

Each quarter, EEI International Programs hosts member briefings and executive roundtable discussions to further enhance industry dialogue on critical industry issues. →

■ *Member Briefings*

From March to June 2020, we hosted bi-monthly COVID-19 calls with our members to discuss the industry impacts of the pandemic. In August 2020, we transitioned these calls into quarterly briefings to give our members scheduled time to interact with industry peers across the globe. The first call was attended by more than 20 member company CEOs and senior executives, who discussed natural disaster resilience and the impacts of COVID-19.

We hosted 8 member briefings in 2021 and 2022, covering current issues and program developments, as well as an open discussion on critical topics.

Roundtables on Industry Topics

In 2020, we transitioned our in-person regional roundtable discussions to virtual sessions. Our roundtable discussions allow for dialogue among U.S. and international member companies on global issues and emerging trends, including supply chain constraints, geopolitics, climate change, the clean energy transition, and the shaping of the energy industry. The roundtables are held under Chatham House Rules.

Virtual roundtable discussions have been held on the following topics:

January 2021: Transatlantic Collaboration on Energy and Climate: Private Sector Perspectives

- Hosted in conjunction with Friends of Sustainable Grids
- With remarks from Dominique Ristori, senior advisor and former European Commission director-general of Energy, and Ernest J. Moniz, president and CEO, Energy Futures Initiative, and former U.S. Secretary of Energy

April 2021: Transatlantic Roundtable on Harmonizing Efforts to Achieve Net Zero

- Hosted in conjunction with Eurelectric
- With remarks from Kadri Simson, European commissioner for Energy

April 2021: Asia-Pacific Roundtable on Harmonizing Effects to Achieve Net Zero

- With remarks from Masakazu Toyoda, then chairman and CEO, The Institute of Energy Economics, Japan (IEEJ)

July 2021: MENA Executive Roundtable: Fostering Collaboration for Decarbonization

- With remarks from Mary Burce Warlick, deputy executive director, International Energy Agency (IEA)

December 2021: Executive Roundtable on Diversity, Equity, and Inclusion

- With remarks from Cynthia Owyong, then vice president of inclusion, equity, and belonging, Robinhood

March 2022: Transatlantic & Asia Pacific Executive Roundtable on Supply Chains

- John Cotton Richmond, former U.S. Ambassador-at-Large to Monitor and Combat Trafficking in Persons and partner at Dentons
- Bradford Simmons, then director of international market development, U.S. Department of Energy
- Kristi Rogers, managing partner and co-founder, Principal to Principal
- Dagmara Koska, deputy head of section and counsellor, Delegation of the European Union to the United States

MEMBERS' STORIES

on Leadership, Service, and Innovation

EEI's international members were featured in eight Electric Perspectives articles on topics ranging from pandemic and natural disaster responses to clean energy and resilience.



The Challenges of Decarbonization and Sustainable Development

by then J-Power President and CEO Toshifumi Watanabe



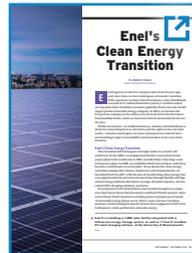
Decarbonization and Resilience

by TEPCO President Tomoaki Kobayakawa



The World's Electric Companies Mobilize Against COVID-19

by EEI Senior Vice President of International Programs Dr. Lawrence Jones



Enel's Clean Energy Transition

by Head of Enel North America Enrico Viale



EDP Distribuição: Promoting the Compatibility of Energy Infrastructure With Nature

by EDP Distribuição Director of Vegetation Management Ricardo Messias



Hydro-Québec's Extreme Weather Response Keeps Improving

by then Hydro-Québec Distribution et Services Partagés President Éric Filion



Lessons Learned: Manitoba Hydro's 2019 Storm Recovery

by then Manitoba Hydro Vice President of Operations Shane Mailey

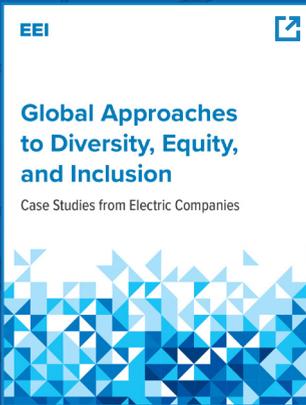


Taking Action Now: OPG's Clean Energy Vision

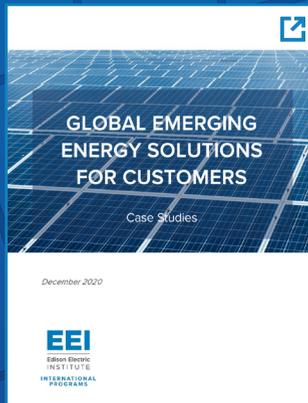
by the OPG team

SHARING INDUSTRY SUCCESSES

EI International Programs released three casebooks and one article highlighting international electric company efforts on innovation; electric transportation; customer energy solutions; the clean energy future; and diversity, equity, and inclusion.



Global Approaches to Diversity, Equity, and Inclusion: Case Studies from Electric Companies



Global Emerging Energy Solutions for Customers



2020 Edison Award International Nominees and Winners



EEI International Insights: Electric Companies are Advancing Electric Transportation

ELECTRIC PERSPECTIVES: *Global Circuit Podcast*

The *Electric Perspectives: Global Circuit* podcast brings listeners the latest insights and foresights on the opportunities and challenges facing the global electric power industry. Each episode features a conversation between electric power industry executives and EEI Senior Vice President of International Programs Dr. Lawrence Jones on the next stage of the clean energy transition. Topics have included energy workforce development, the importance of local context for climate solutions, innovative technology solutions, resilience planning, and more. Episodes are available on all podcast streaming platforms.



EP. 1

The Power of Adaptability and Ireland's Bright Future with Pat O'Doherty, then CEO of ESB



EP. 2

Thriving Under Crisis with Regenerative Leadership with Giles Hutchins and Laura Storm, Authors of Regenerative Leadership



EP. 3

Attracting a Skilled Workforce to Achieve Net Zero with Basil Scarsella, CEO of UK Power Networks





EP. 4

Designing the Right Solutions Using Local Context

with Siegfried Kiefer, then President and CEO of Canadian Utilities



EP. 5

Accelerating Innovation for the Clean Energy Transition

with Andrés Gluski, President and CEO of AES Corporation



EP. 6

Developing the Energy Workforce for an Equitable Transition

with John Pettigrew, CEO of National Grid plc



EP. 7

Setting the Stage for a Net Zero Economy

with Pedro Pizarro, President and CEO of Edison International



EP. 8

Strengthening Communications Using Biomimicry

with Michaela Emch, Communication specialist and biomimicry practitioner





EP. 9

Sustaining Collaboration Towards a Clean Energy Future

with Nick Akins, Executive Chair, American Electric Power



EP. 10

Understanding Complexity for More Effective Climate Policy

with Dr. Roland Kupers, author of A Climate Policy Revolution



EP. 11

Keeping Customers and Employees at the Heart of the Transition

with Ben Fowke, then Executive Chairman of Xcel Energy



EP. 12

Harnessing Today's Technology to Reach Tomorrow's Energy Future

with Toshifumi Watanabe, Chairman of J-POWER



EP. 13

Utilizing Social Networks to Create Lasting Change

with Damon Centola, Author of Change: How to Make Big Things Happen





EP. 14

Planning for Resilience Amid Changing Expectations

with Bob Rowe, then CEO of NorthWestern Energy



EP. 15

Achieving a Sustainable Energy Future

with Warner Baxter, Executive Chairman of Ameren Corporation



EP. 16

Adopting A Customer-Centric Strategy for the Energy Transition

with Greg Jackson, Founder and CEO of Octopus Energy Group



EP. 17

Co-creating Energy Solutions with Local Communities

with Jay Grewal, President and CEO of Manitoba Hydro



■ RECOGNIZING INDUSTRY EXCELLENCE

The Edison Award is presented to one U.S. investor-owned electric company and one international member each year for “distinguished leadership, innovation, and contribution to the advancement of the electric industry for the benefit of all.” The award is presented annually and selected by a panel of former electric company chief executives. The winners of previous International Edison Awards are as follows:

■ 2020 Winners



ATCO for its Alberta Powerline project

- ATCO is leading the way in developing state-of-the-art energy infrastructure in North America, and pioneering models for consultation and engagement, long-term relationships, and reconciliation with Indigenous peoples. Alberta PowerLine (APL), a partnership between Canadian Utilities, an ATCO company, and Quanta Services, built the Fort McMurray 500-kilovolt (kV) West Transmission Project in northern Alberta, Canada. Spanning 508 kilometers (316 miles), the project is the longest 500-kV AC transmission line in the country. [Learn more here.](#)



Compagnie Ivoirienne d'Electricité for its Electricity for All initiative

- Compagnie Ivoirienne d'Electricité (CIE), the electric power company in Cote d'Ivoire, conducted an analysis of the country's low rate of access to electricity, which in 2013 was 26 percent. As a result, CIE proposed to the government the “Electricity For All” Program (locally known as the “Le Programme Electricité Pour Tous” [PEPT]), an innovative solution to address the principal barriers on the customer side and to accelerate access to electricity for the most vulnerable population. After the program was adopted by the government and launched in 2014, access to reliable electricity increased to 50 percent by the end of 2019. [Learn more here.](#)

2021 Winner



J-POWER for its Osaki CoolGen project

- The Osaki CoolGen project is a three-step demonstration pilot designed to establish integrated coal gasification fuel cell combined-cycle with carbon dioxide (CO₂) capture. Osaki CoolGen Corporation, founded by J-POWER, has conducted the demonstration of oxygen-blown integrated coal gasification combined cycle with CO₂ capture during the project's second step. [Learn more here.](#)

2022 Winner



National Grid for its North Sea Link project

- The United Kingdom (UK) and Norway are now able to share renewable energy across the longest subsea electricity interconnector in the world. National Grid's and Statnett's 1.6 billion Euro (approximately \$1.7 billion USD) North Sea Link (NSL) started commercial operations on October 1, 2021, marking a major milestone in the UK's and Norway's journeys to net zero. By enabling the trade of renewable energy between the two countries for the first time, it is estimated that the NSL will help the UK to avoid 23 million tons of carbon emissions by 2030, and it will provide enough clean electricity to power 1.4 million homes. [Learn more here.](#)

EMERGENCY RESPONSE AWARDS

EEl's Emergency Response Awards recognize recovery and assistance efforts of electric companies following service disruptions caused by extreme weather or other natural events.

The awards are announced in two categories—the Emergency Recovery Award (for companies directly impacted) and the Emergency Assistance Award (for companies that come to the aid of another company)—and are given out twice per year in January and June.



January 2020 - EEI President and CEO Tom Kuhn (center) with representatives from Maritime Electric, which received EEI's Emergency Recovery Award for its work after Hurricane Dorian.



EEI President and CEO Tom Kuhn (R) with Fortis President and CEO Dave Hutchens (L) accepting the award on behalf of Maritime Electric, a Fortis subsidiary.

International Member Company Winners of the EEI Emergency Recovery Award:

2020 January

- ATCO (Canada) for wildfires in summer 2019
- Manitoba Hydro (Canada) for storm response in October 2019
- Maritime Electric (Canada) for Hurricane Dorian in September 2019
- Jemena and Zinfra (Australia) for microburst response

2021 January

- Endeavour Energy (Australia) for bushfire recovery in summer 2019-2020

2021 June

- Hydro One Networks (Canada) for storm recovery in November 2020

2022 June

- Hydro One (Canada) for a severe snow and windstorm in April 2022

2023 January

- Bermuda Electric Light Company Limited (Bermuda) for Hurricane Fiona in September 2022
- Hydro One (Canada) for a derecho in June 2022
- Maritime Electric (Canada) for Hurricane Fiona in September 2022

International Member Company Winners of the EEI Emergency Assistance Award:

2020 January

- SaskPower (Canada) for mutual assistance given to Manitoba Hydro during the snowstorm in October 2019
- Hydro One Networks for mutual assistance given to Manitoba Hydro during the snowstorm in October 2019

MEMBER ENGAGEMENT

2020-2022

EEl International Programs has continued to engage members around the world through strategic meetings and sessions, held both virtually and in-person. Our international member companies engaged with domestic EEl member companies and EEl leadership, including EEl President and CEO Tom Kuhn and EEl Senior Vice President of International Programs Dr. Lawrence Jones.

2020

FEBRUARY

SEPTEMBER



The EEl Oceania Regional Advisory Committee meeting hosted by Frank Tudor, managing director of Jemena, held in Melbourne, Australia.

(L to R): Ian Mcleod, Enzen, EEl Global Ambassador; Paul Jordan, Energy Queensland; Nigel Barbour, Orion New Zealand; Dr. Lawrence Jones, EEl; Frank Tudor, Jemena; Rob Jamieson, then Orion New Zealand; Leanne Pickering, Endeavour Energy; Ken Sutherland, Unison Networks; Stephen Jay, Transpower.

EEI-GCCIA Strategic Partnership Agreement



EEl and the Gulf Cooperation Council Interconnection Authority (GCCIA) signed a strategic partnership agreement for knowledge sharing to advance the electric power sector. The agreement was announced during a webinar on September 30, where GCCIA shared lessons from its experience in building regional markets. [Watch the webinar here.](#)



Terna S.p.A. leadership met with EEI President and CEO Tom Kuhn and EEI Senior Vice President of International Programs Dr. Lawrence Jones.



EEI Senior Vice President of International Programs Dr. Lawrence Jones met with Fortis TCI President and CEO Ruth Forbes in Turks and Caicos.

2022

MAY

MARCH



Leadership from National Grid Saudi Arabia met with EEI Senior Vice President of International Programs Dr. Lawrence Jones.



EEI Senior Vice President of International Programs Dr. Lawrence Jones visited Barbados Light and Power Company and toured their solar facility with Managing Director Roger Blackman.



EEI Senior Vice President of International Programs Dr. Lawrence Jones met with Ahmadou Bakayoko, CEO of Compagnie Ivoirienne d'Électricité, to discuss the company's innovation projects. [Watch the discussion.](#)



Enrico Viale, head of North America for Enel Group, met with EEI Senior Vice President of International Programs Dr. Lawrence Jones at EEI.

SEPTEMBER

JULY

NOVEMBER



Representatives from Tokyo Electric Power Company Holdings (TEPCO) and Chubu Electric Power visited the EEI headquarters in Washington, D.C.

From left to right: Yasunori Imaoka (TEPCO), Yukiko Morishita (Chubu Electric), EEI President and CEO Tom Kuhn, Tatsuro Kobayashi (TEPCO), EEI Senior Vice President of International Programs Dr. Lawrence Jones, Tomoki Yamashita (Chubu Electric).



During his trip to Saudi Arabia, EEI Senior Vice President of International Programs Dr. Lawrence Jones gave a presentation to Saudi Electricity Company on transitioning energy systems and how EEI's global platforms enable greater electrification worldwide.

EEI Senior Vice President of International Programs Dr. Lawrence Jones with Saudi Electricity Company leadership.



EEI Senior Vice President of International Programs Dr. Lawrence Jones received a tour of GCC Interconnection Authority's (GCCIA's) grid control center, asset management center, and headquarters in Dammam, Saudi Arabia, where he and other guests learned the latest on GCCIA's electric interconnection network.

Pictured left: Dr. Lawrence Jones with Gulf Cooperation Council (GCC) leaders after his presentation on transitioning energy systems.

Pictured right: Dr. Lawrence Jones participating in a seminar and working sessions at GCCIA with other GCC leaders.

DECEMBER



EEI Senior Vice President of International Programs Dr. Lawrence Jones with Terna S.p.A leadership in Rome, Italy.

Pictured left: EEI Senior Vice President of International Programs Dr. Lawrence Jones with Terna S.p.A CEO and General Manager Stefano Donnarumma; Giacomo Donnini, Director of Major Projects and International Development, Terna S.p.A., and CEO, Terna Plus; Guido Guida, Head of International Institutional Affairs, Terna S.p.A.

Pictured right: EEI Senior Vice President of International Programs Dr. Lawrence Jones with Terna S.p.A. control center representatives.



EEI Senior Vice President of International Programs Dr. Lawrence Jones with Octopus Energy leaders in the United Kingdom.

Pictured from left to right: Octopus Energy Group Founder and CEO Greg Jackson, EEI Senior Vice President of International Programs Dr. Lawrence Jones, Octopus Energy Group Global Vice President of Business Development Lara Beers.

GLOBAL AMBASSADORS AND PARTNERSHIPS, FELLOWSHIP

Industry Perspectives: A Conversation With EEI Global Ambassadors

EEI Global Ambassadors play an important role in supporting EEI International Programs by identifying regional priorities and opportunities for industry-wide engagement. In May 2020, in recognition of the fifth anniversary of the EEI Global Ambassador Program, we invited our Global Ambassadors for a discussion exploring the challenges faced by the industry in 2020 and beyond.



EEI's Global Ambassadors (L to R): Pierre Bernard, CEO and Chairman of the Board, Friends of Sustainable Grids (Europe and Middle East Regions); Lamine Savadogo, President, Marison Energy Systems (Africa Region); and Ian McLeod, Director, Smart Energy Centre of Excellence, Enzen (Asia-Pacific Region).

Thomas Edison International Utility Executive Fellowship Program Graduates

To ensure that Power by AssociationSM continues for future generations, EEI established the Thomas Edison International Utility Executive Fellowship Program. Launched in 2017, this initiative provides research, training, and mentorship opportunities for mid-career professionals at EEI member companies.



In March 2020, Shinichiro Minotsu, from Electric Power Development Co. Ltd. (J-POWER) graduated as the third fellow from EEI's Thomas Edison International Utility Executive Fellowship Program. At the end of March, Minotsu returned to Tokyo after 12 months in Washington, D.C., where his research focused on DER integration and technologies such as grid-forming inverters.

Fellows join EEI at its headquarters in Washington, D.C., for a period of six months to one year for an intensive education and collaboration program focused on a specific topic of interest and research outcome. Upon returning to their home countries, fellows become the natural conduit for future collaboration around the clean energy transition.



In November 2021, EEI Senior Vice President of International Programs Dr. Lawrence Jones reconnected with 2019 Thomas Edison International Fellowship graduate Ji-Eun Hur from KEPCO in South Korea and presented her a plaque for the completion of her fellowship.

Strategic Partnerships



In March 2022, EEI renewed its strategic partnership with the Association of Power Utilities of Africa (APUA) in a formal signing ceremony between Abel Tella, director general of APUA, and EEI Senior Vice President of International Programs Dr. Lawrence Jones.



At the CARILEC CEO and Leadership Conference in May 2022, Dr. Lawrence Jones, Senior Vice President of International Programs at EEI, and Cletus Bertin, Executive Director of CARILEC, renewed the strategic partnership between EEI and CARILEC.

EEI Wins CHARGE ENERGY BRANDING 'Energy Advocates of the Year'

In October 2022, Edison Electric Institute (EEI) was named the 2022 Energy Advocates of the Year by CHARGE Energy Branding. The award recognizes EEI for its International Programs and global electrification advocacy efforts.

"EEI is thrilled and honored to be selected as the 2022 Charge Awards Energy Advocates of the Year," said EEI President and CEO, Tom Kuhn. "Our work in International Programs is vital to creating a dialogue around electrification, innovation, and emerging issues shaping the industry all over the world. We are proud to be recognized globally for our efforts and advocacy as we assist in the transition to a clean energy future."

The purpose of the CHARGE awards is to increase awareness and highlight the importance of excellent branding in the rapidly changing energy sector. Behind the awards is an international panel of experts within energy, marketing, and communications that nominates the best

brands each year. The panel further reviews case studies that nominees submit and announces winners at the annual CHARGE Conference in Reykjavik, Iceland. In 2022, more than 130 brands were nominated, with 12 finalists in five categories.



The Energy Advocates of the Year category in particular aims to honor organizations that have "leveraged their influence and reputations to effect invaluable positive change, policy direction, or with their members and industries over the past year" towards the progression of the global clean energy transition.

"While originated and managed from the United States, EEI truly has an international scope," said the CHARGE awards panel of EEI. "It's clear that they have the will and power to support the electricity industry, beyond the western world. A wide palette of knowledge, channels, and partnerships can only improve energy organizations from around the world. Truly impressive."

During the 2022 CHARGE Energy Branding Awards in Iceland, EEI Senior Vice President of International Programs, Dr. Lawrence Jones joined The Brand Project to talk about branding and communication in the energy industry and strategic branding for various parts of the value chain. [Watch the interview.](#)



OUR MEMBERS

2020-2022

NEW MEMBERS

Between 2020-2022, EEI International Programs welcomed 10 new members: British Virgin Islands Electricity Corporation (British Virgin Islands), Enel (Italy), EPCOR Utilities (Canada), Eskom Holdings SOC (South Africa), Liberia Electricity Corporation (Liberia), National Grid S.A. (Saudi Arabia), Octopus Energy Group (Australia), Saudi Electricity Company (Saudi Arabia), SSE plc (United Kingdom), and Terna S.p.A. (Italy).

NORTH AMERICA

- AES Corporation
- Alectra
- AltaLink, L.P.
- ATCO Electric
- Atura Power
- Capital Power Corp.
- Emera, Inc.
- ENMAX
- Entegrus Powerlines
- EPCOR Utilities*
- Fortis, Inc.
- FortisAlberta
- FortisBC
- Hydro One
- Hydro Ottawa
- Manitoba Hydro
- Maritime Electric
- Newfoundland Power
- Nova Scotia Power Inc.
- Ontario Power Generation (OPG)
- SaskPower
- Toronto Hydro

CENTRAL AMERICA, SOUTH AMERICA AND THE CARRIBEAN

- AES Chile
- AES Colombia
- Barbados Light & Power Company Limited
- Bermuda Electric Light Company (BELCO)
- British Virgin Islands Electricity Corporation (BVI Electricity)*
- Caribbean Utilities Company, Ltd. (CUC)
- Companhia Energética de Minas Gerais (CEMIG)
- FortisTCI Limited
- Jamaica Public Service Company Limited (JPS)**
- St. Lucia Electricity Services Limited (LUCELEC)
- St. Vincent Electricity Services Limited (VINLEC)

AFRICA & THE MIDDLE EAST

- AES Jordan
- Compagnie Ivoirienne d'Electricité (CIE)
- Eskom Holdings SOC Limited*
- Gulf Cooperation Council Interconnection Authority (GCCIA)
- Liberia Electricity Corporation*
- National Grid S.A.*
- Saudi Electricity Company*

ASIA

- AES Vietnam
- Chubu Electric Power Company
- J-POWER
- Power Assets Holdings Limited
- State Grid Corporation of China (SGCC)
- Tokyo Electric Power Company Holdings (TEPCO)

EUROPE

- AES Netherlands
- DTEK Group**
- EDF - Électricité de France S.A.
- EDP - Energias de Portugal
- Electricity Supply Board
- Enel*
- Iberdrola
- National Grid Group
- National Power Company Ukrenergó**
- Octopus Energy Group*
- SSE plc*
- Terna SpA*
- UK Power Networks

AUSTRALIA & NEW ZEALAND

- CitiPower**
- Endeavour Energy
- Essential Energy**
- Jemena
- Orion New Zealand Ltd.
- Powerco Ltd.
- Powercor**
- Tasmanian Networks Pty Limited (TasNetworks)
- Top Energy Ltd.**
- Transpower New Zealand Ltd.
- Unison Networks Ltd.
- United Energy**
- Vector Ltd.
- Wellington Electricity

* 2020-2022 New Member

** 2023 New Member

■ ENGAGING WITH GLOBAL STAKEHOLDERS

After the 2020 Wall Street Briefing, EEI International Programs held a networking reception for international member companies and members of the investment community.

To celebrate Black History Month, EEI held an event on February 14, 2020, honoring the contributions of African Americans in science, engineering, and technology.

- After the event, EEI International Programs recorded a podcast with the panelists: Dr. Johari Rashad (National Museum of African American History and Culture), Dr. Kimberly Jones (Howard University), and Abai Schulze (ZAAF Collection). In this podcast, they discuss the importance of reinvention, development, and community in a technology-enabled future. [Click here to listen to the recording.](#)



In late 2020, EEI International Programs released a four-part podcast series on the clean energy transition featuring conversations between EEI Senior Vice President of International Programs Dr. Lawrence Jones and Oliver Wyman Energy Practice Principal Andrew Perry. The series explored infrastructure, access to capital, the role of technology, market implications, and how these factors impact the energy transition.

- [Episode 1](#) | [Episode 2](#)
[Episode 3](#) | [Episode 4](#)





(L-R): Lamine Savadogo, EEI Global Ambassador for Africa; H.E. Michael Raynor, U.S. Ambassador to Senegal; Dr. Lawrence Jones, EEI Senior Vice President of International Programs; Abel Didier Tella, Director General, APUA; Papa Mademba Bitèye, CEO of Senelec, and President and Chairman of the Board of the Antigua Public Utilities Authority, at the Antigua Public Utilities Authority 20th Congress in Dakar, Senegal.



(L-R) EEI Global Ambassador for Africa Lamine Savadogo; Minister, Republic of Senegal Ministry of Petroleum and Energy Aissatou Sophie Gladima; EEI Senior Vice President of International Programs Dr. Lawrence Jones; Project Coordinator, Economic Community of West African States Centre for Renewable Energy and Energy Efficiency Siré A. Diallo.

EEI International Programs launched the **Electricity Diplomacy Initiative** in early 2021.

- The Electricity Diplomacy Initiative (EDI) facilitates engagement with international governments through dialogues with ambassadors on current energy issues (e.g., participation in the United Nations Climate Change Conference) with the support of EEI’s appointed Global Ambassadors in key regions. This initiative aims to inform policymakers on global best practices about the transition to a clean energy future.
 - In March 2022, we hosted a briefing with the German Ambassador to the United States Emily Haber.
 - EEI Senior Vice President of International Programs Dr. Lawrence Jones also participated in principal-to-principal dinners with diplomats from around the world.



Dr. Lawrence Jones with Prime Minister of the Bahamas Philip Davis at the 2022 CARILEC CEO and Leadership Conference in the Bahamas.

At EEI 2022, International Programs hosted a panel on “The New Geopolitics and Geo-economics of Energy and Climate.” EEI Senior Vice President of International Programs Dr. Lawrence Jones moderated this discussion, which also included Terna Plus (Italy) CEO and Director of Major Projects and International Affairs Giacomo Donnini; Fortis TCI (Turks & Caicos) President and CEO Ruth Forbes; energy futurist and former Ergon Energy CEO Ian McLeod; and Black & Veatch President of Operations and Incoming President of Energy and Process Industries Laszlo von Lazar.



(L-R) Ian McLeod, Dr. Lawrence Jones, Ruth Forbes, Giacomo Donnini, and Laszlo von Lazar.



EEI Senior Vice President of International Programs, Dr. Lawrence Jones, attended the EEI Business Diversity Conference in mid-May where he presented on global supply chain challenges and managing uncertainty.



Lamine Savadogo was recognized for his outstanding service and contributions to EEI International Programs as the Global Ambassador for Africa. Pictured with EEI President and CEO Tom Kuhn.

EEl joined the Association of Power Utilities of Africa (APUA) for its 20th Congress, July 14-21, 2022. During the Congress, EEl signed a Memorandum of Understanding (MOU) with APUA in Senegal as part of EEl's launch of the Africa Utility Power Sector Exchange (AUPSE) 2.0. AUPSE is a strategic initiative to advance operational performance across the African electric power sector. AUPSE was launched in 2017 with support from the U. S. Department of State, EEl, and the Edison Foundation.

At the signing ceremony of the EEl-APUA MOU and as part of the relaunch of AUPSE 2.0, special remarks were given by U.S. Ambassador to Senegal The Honorable Michael Raynor; CEO of Senelec and President and Chairman of the Board of APUA Papa Mademba Bitèye; and Director General of APUA Abel Didier Tella.

Remarks also were given by EEl President and CEO Tom Kuhn, which can be viewed [here](#), and by Bob Rowe, former CEO of NorthWestern Energy, and Thornley Myers, former CEO of St. Vincent Electricity Services Limited (VINLEC), viewable [here](#).



(L-R): Lamine Savadogo, President, Marison Energy (USA); Director, Stratec-ARC (France) Alexa Rechain; Deputy CEO for Information Systems, CIE (Ivory Coast) Harouna Bagayoko; EEl Senior Vice President of International Programs Dr. Lawrence Jones; CEO of Senelec and President and Chairman of the Board of APUA (Senegal) Papa Mademba Bitèye; Director for Power System Transformation, African Development Bank (Ivory Coast) Henry Paul Batchi Baldeh; Managing Director, THINKSMARTGRID (France) Regis Le Drezen; and representative from CONLOG (South Africa) Desigan Govender.



In August 2022, a delegation of regulators from the Caribbean visited EEI for a meeting on industry trends with EEI Senior Vice President of International Programs Dr. Lawrence Jones.



In September 2022, an EEI delegation, led by Executive Chairman of Ameren Corporation and former EEI Chair Warner Baxter, attended the 2022 International Electricity Summit in Oslo, Norway.



In October 2022, representatives from Japan visited EEI to share updates on Japan's energy and electricity industry.

Above, left: Representatives from the Japan Electric Power Information Center (JEPIC) included Shigeo Naruse Senior Managing Director, JEPIC; Dr. Lawrence Jones, Senior Vice President of International Programs, EEI; Michiaki Matsumura, General Manager, JEPIC-USA.

Right: Special Advisor to the Ministry of Economy, Trade, and Industry of Japan Jin Yamaguchi.



In October, EEI Senior Vice President of International Programs Dr. Lawrence Jones met with Bjarni Bjarnason, CEO of Orkuveita Reykjavíkur (Iceland), during a tour of Orka náttúrunnar’s geothermal plant. Reykjavík Energy is the parent company of Carbfix, Orka náttúrunnar, Veitur, and Ljósleiðarinn.



In November 2022, Lori Garver, former Deputy Administrator of the National Aeronautics and Space Administration joined EEI for an in-person *Influential Minds* session.

In December 2022, representatives from the Electricity Company of Ghana visited EEI for a meeting with EEI Executive Vice President, Business Operations Group and Regulatory Affairs, Philip Moeller and EEI Senior Vice President of International Programs Dr. Lawrence Jones.



EEI Senior Vice President of International Programs Dr. Lawrence Jones co-moderated a keynote panel session titled “Challenges in the GCC Power Systems Under Energy Transition” at the Gulf Coordination Council (GCC) Power 2022 conference in Riyadh, Saudi Arabia, on November 14, 2022.

Pictured: Dr. Lawrence Jones, Eng. Ahmed Ali Al-Ebrahim, Eng. Wilfried Breuer, Eng. Ibrahim Al-Jarbou, and Dr. Salem Al-Huthaili.



The 2022 International Team. (L-R): Alekhya Mallavarapu, Kimberly Mitchell, Erin Brogan, Dr. Lawrence Jones, Sophie Weinberg, and Rai Rocca.

THANK YOU!

to our Members and Industry Partners

The Edison Electric Institute (EEI) is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for nearly 250 million Americans, and operate in all 50 states and the District of Columbia. As a whole, the electric power industry supports more than 7 million jobs in communities across the United States. In addition to our U.S. members, EEI has more than 70 international electric companies with operations in more than 90 countries, as International Members, and hundreds of industry suppliers and related organizations as Associate Members.

Organized in 1933, EEI provides public policy leadership, strategic business intelligence, and essential conferences and forums.

For more information, visit our Web site at www.eei.org.

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