

2022 YEAR AHEAD

Message from the Executive Director

This year, the Institute for Electric Innovation (IEI) will continue to focus on innovative customer solutions through its key initiatives:

- **Powering the People 2022**
- **Thought Leaders Speak Out Dialogues: Engaging Customers with Technologies**
- **IEI Executive Dialogue at EEI 2022 Annual Convention**
- **New Issue Brief: Examples of 100% Carbon-Free Energy Solutions for Corporate Customers**
- **New Issue Brief: Services and Solutions Tailored to Meet the Needs of Low- to Moderate-Income Customers**
- **Issue Briefs and Reports**



Lisa Wood
Executive Director

This year ahead report highlights our plans for 2022.

-Lisa Wood, Executive Director, Institute for Electric Innovation

Thought Leadership in 2022

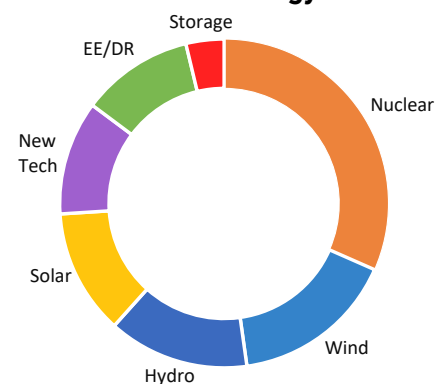
New Initiative: IEI/WRI 100% Carbon-Free Energy Solutions for Corporate Customers

The Institute for Electric Innovation (IEI) and the World Resources Institute (WRI) carbon-free energy initiative is a series of workshops with corporate customers and EEI member companies focused on developing 100% Carbon-Free Energy (CFE) Solutions for corporate customers. Launched in 2022, the workshops explore barriers, challenges, and pathways to success for electric company provided 100% CFE solutions for large energy buyers. The workshop series will conclude with examples of potential electric company provided carbon-free energy solutions for different corporate customer profiles in vertically integrated and RTO markets.

New Initiative: Design Thinking Approaches to Services/Solutions for Low- to Moderate-Income Customers

In collaboration with EEI, IEI is working with member companies and E Source to better understand and serve low- to moderate-income (LMI) customers through a combination of data science and ethnographic market research. The objective of the Design Thinking workshop is to develop services/solutions tailored to meet the needs of different cohorts of LMI customers.

100% Carbon-free Energy Resources



Powering the People 2022

Fall 2022, Washington, DC

Next Steps in Achieving a Carbon-Free Energy Future

This by-invitation event brings together a select group of electric companies, technology companies, environmental organizations, policymakers, regulators, and other thought leaders for an afternoon of dialogue and discussion on key issues facing the industry. The specific dialogues for this fall event will be determined later this year.

IEI Executive Dialogue

June 2022, EEI Annual Convention

IEI Management Committee and Technology Partner Executive Dialogue

The EEI 2022 Annual Convention is the electric power industry's premier gathering of senior electric company executives and key stakeholders. During the convention, IEI will convene a private, by-invitation meeting between IEI's Management Committee members and IEI's Technology Partner Roundtable executives. This is an opportunity to move the ball forward on critical customer issues of interest to both electric companies and technology companies.

IEI Thought Leaders Speak Out Dialogues: Engaging Residential Customers with Technology

Throughout 2022

IEI Member Company and Technology Partner Executive Dialogues

Throughout 2022, IEI will continue to hold a series of executive dialogues between technology and electric company executives and share approaches, lessons learned, and the key roles that technology and data science play in effectively engaging residential customers in energy management and carbon emissions reductions. This is an opportunity to learn what your electric company colleagues are doing to enhance customer engagement and get up to speed on new approaches and technologies that they are employing. All electric company members are invited to attend each dialogue.

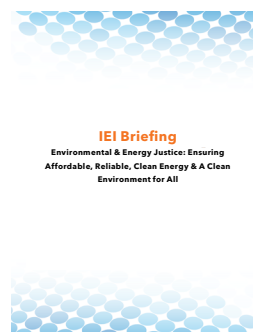


IEI Briefing at NARUC

February 2022

Topic: Environmental & Energy Justice: Ensuring Affordable, Reliable, Clean Energy & A Clean Environment for All

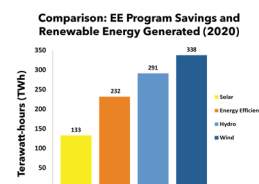
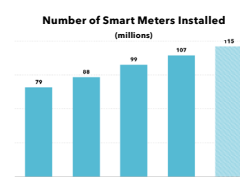
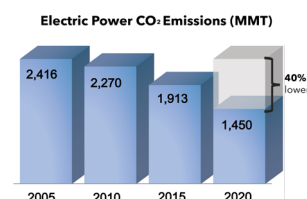
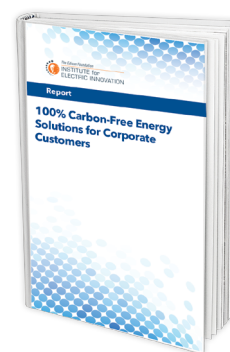
At the NARUC Winter Meeting, IEI will host and moderate a briefing focused on how electric companies are streamlining access to energy assistance for customers in need, providing energy management programs and access to clean energy to low- to moderate-income customers, ensuring that electric transportation charging infrastructure is available in underserved communities, and engaging stakeholders, including historically burdened communities, in decisions about siting new clean energy sources and electric transportation infrastructure.



IEI Issue Briefs & Reports

- **NEW. IEI/WRI: Potential Electric Company Provided 100% Carbon-Free Energy Solutions for Corporate Customers.** To meet growing corporate customer demand for 100 percent carbon-free energy on an hourly basis, IEI (in collaboration with WRI) initiated a series of dialogues with corporate customers and EEI members. As a result of this new initiative (see page 1), IEI and WRI will publish examples of potential electric company provided carbon-free energy solutions for different corporate customer profiles in vertically integrated and RTO markets.
- **NEW. Services and Solutions that Meet the Needs of Low- to Moderate-Income Customers.** Through a combination of data science and ethnographic research, IEI, EEI, and member companies are working with E Source to identify unique cohorts of low- to moderate-income customers and develop targeted services to meet the needs of these customers. At the conclusion of this work, IEI will develop an issue brief summarizing the services and solutions tailored to meet the needs of different cohorts of low- to moderate-income customers that were developed during the Design Thinking Workshop (see page 1).
- **IEI Fact Sheets**

 - Electric Companies are Committed to a Clean Energy Future: 10 Things You Should Know (Spring)
 - Energy Efficiency Trends in the Electric Power Industry: Top 10 Things You Should Know (Spring)
 - Smart Meters – At a Glance. Key Facts about Smart Meter Deployments (Spring)
- **ONGOING REPORT. Smart Meter Report.** Summarizes smart meter deployments to-date by state and by electric company and describes how electric companies are using smart meters to benefit customers and enhance grid reliability, operations, and resilience.
- **ONGOING REPORT. Energy Efficiency Report.** Summarizes energy efficiency program savings and carbon emissions avoided and compares energy savings to other zero carbon energy generation resources. Details energy efficiency regulatory frameworks state-by-state that are critical for continued electric company investments in demand-side resources: direct cost recovery, fixed-cost recovery, and performance incentives.



Issue briefs and reports are available at <http://www.edisonfoundation.net>.

IEI Management Committee

Executive Director – Lisa Wood

Co-Chair – Mary Kipp, President and CEO, Puget Sound Energy

Co-Chair – Robert Rowe, CEO, NorthWestern Energy

Nicholas Akins

Chairman, President, and CEO
American Electric Power

Warner Baxter

Executive Chairman
Ameren Corporation

Robert Blue

Chairman, President and CEO
Dominion Energy

Kelcey Brown

President and CEO
MidAmerican Energy

Calvin Butler

Senior Executive Vice President
and Chief Operating Officer
Exelon Corporation

Doug Cannon

President and CEO
NV Energy

Brett Carter

Executive Vice President and Chief
Customer and Innovation Officer
Xcel Energy

Tim Cawley

President and CEO
Consolidated Edison

Christopher Crane

President and CEO
Exelon Corporation

Chris Cummiskey

Executive Vice President,
Chief Commercial and
Customer Solutions Officer
Southern Company

Ron Darnell

Senior Vice President, Public Policy
PNM Resources

Thomas Fanning

Chairman, President, and CEO
Southern Company

Bob Frenzel

Chairman, President, and CEO
Xcel Energy

Andrés Gluski

President and CEO
AES Corporation

Lynn Good

Chairman, President, and CEO
Duke Energy Corporation

Lisa Grow

President and CEO
Idaho Power Co.

Jeff Guldner

Chairman, President, and CEO
Pinnacle West Capital Corporation

David Hutchens

President and CEO
Fortis, Inc.

Kenny Mercado

Executive Vice President,
Electric Utility
CenterPoint Energy

Jerry Norcia

President and CEO
DTE Energy Company

Steve Powell

President and CEO
Southern California Edison

Scott Seu

President and CEO
Hawaiian Electric Industries

Eric Silagy

President and CEO
Florida Power & Light Company

Sean Trauschke

Chairman, President, and CEO
OGE Energy Corporation

David Velazquez

Executive Vice President,
Utility Operations
Exelon Corporation

Dennis Vermillion

President and CEO
Avista Corporation

2022 IEI Technology Partner Roundtable

Anterix

 **bidgely**

 **Source**

Google

IBM

ORACLE
UTILITIES

 **powerley**

RECURVE

 **sensus**
a xylem brand

uplight

Members of the Institute for Electric Innovation and the Edison Foundation

IEI's members are the investor-owned electric companies that represent about 70 percent of the U.S. electric power industry. Membership is open to all electric utilities, including investor-owned electric companies, public power utilities, electric cooperatives, federal utilities, and international utilities. The Institute for Electric Innovation is a program of the Edison Foundation. Contributions to The Edison Foundation and its programs are tax deductible in the same manner as contributions to any 501(c)(3) organization.

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- Alliant Energy
- Ameren Corporation
- American Electric Power
- AVANGRID
- Avista Corporation
- Berkshire Hathaway Energy
- Black Hills Corporation
- CenterPoint Energy
- Central Hudson Gas & Electric Corp.
- Cleco Corporate Holdings
- CMS Energy Corporation
- Consolidated Edison
- Dominion Energy
- DTE Energy Company
- Duke Energy
- Duquesne Light Company
- Edison International
- El Paso Electric
- Entergy Corporation
- Evergy
- Exelon Corporation
- Florida Public Utilities
- Green Mountain Power Corporation
- Hawaiian Electric Industries
- IDACORP
- Liberty Utilities
- MDU Resources Group
- National Grid
- NextEra Energy
- NiSource
- NorthWestern Energy
- OGE Energy Corporation
- Ohio Valley Electric Corporation
- Oncor
- Otter Tail Corporation
- PG&E Corporation
- Pinnacle West Capital Corporation
- PNM Resources
- Puget Sound Energy
- San Diego Gas & Electric Company
- Sharyland Utilities
- Southern Company
- Tampa Electric an Emera Company
- UGI Corporation
- Unitil Corporation
- UNS Energy Corporation
- Upper Peninsula Power Company
- Versant Power
- WEC Energy Group
- Xcel Energy

About the Institute for Electric Innovation

The Institute for Electric Innovation focuses on advancing the adoption and application of new technologies that will strengthen and transform the energy grid. IEI's members are the investor-owned electric companies that represent about 70 percent of the U.S. electric power industry. The membership is committed to an affordable, reliable, secure, and clean energy future.

IEI promotes the sharing of information, ideas, and experiences among regulators, policymakers, technology companies, thought leaders, and the electric power industry. IEI also identifies policies that support the business case for the adoption of cost-effective technologies.

IEI is governed by a Management Committee of electric industry Chief Executive Officers. In addition, IEI has a select group of technology companies on its Technology Partner Roundtable.

About the Edison Foundation

The Edison Foundation is a 501(c)(3) charitable organization dedicated to bringing the benefits of electricity to families, businesses, and industries worldwide. Furthering Thomas Alva Edison's spirit of invention, the Foundation works to encourage a greater understanding of the production, delivery, and use of electric power to foster economic progress; to ensure a safe and clean environment; and to improve the quality of life for all people. The Edison Foundation provides knowledge, insight, and leadership to achieve its goals through research, conferences, grants, and other outreach activities.



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