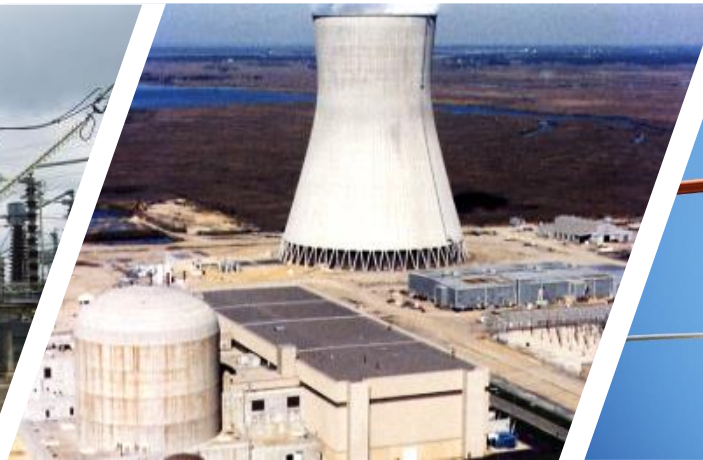


WESTERN LAMPAC ZOOM CONFERENCE OCTOBER 27, 2020

DONNIE COLSTON
DIRECTOR, UTILITY DEPARTMENT





IBEW *Message*

“As Congress considers a variety of potential actions to address climate change, it is critical that the voices of American workers be included in the discussion, especially those who are most at risk of job disruptions and economic dislocation as a result of those action.”

“We will not accept proposals that could cause immediate harm to millions of our members and their families. We will not stand by and allow threats to our members’ jobs and their families’ standard of living go unanswered.”

IBEW International President Lonnie Stephenson

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS



Industry Transforming

- Coal fired converted to gas
- Coal dropped 30% in one year (2019-2020)
- Gas increased 9%
- Nuclear decreased 4%
- Renewables raised 5%
- 11 large IO Utilities have committed to reduce CO2 emissions
- Accomplished by 2035
- Utilities say it is doubtful without advancement in technologies
- Needed – batteries to store, carbon capture to trap, advanced nuclear are all critical

Utilities' Emissions-Cutting Plans

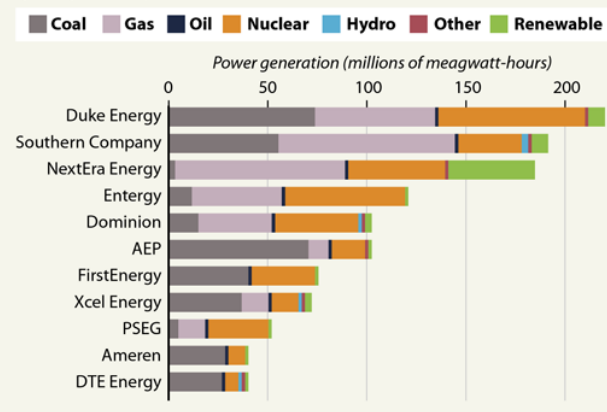
Most of the United States' largest utility holding companies have announced plans for deep cuts in their carbon emissions. Their electricity generation mix shows how far they have to go.

COMPANY	PLAN	PLAN RELEASE
Duke Energy	Net zero by 2050	Sept. 2019
Southern Company	"Low to no carbon" by 2050	April 2019
NextEra Energy	40 percent (from 2005 levels) by 2025	June 2019
Entergy	50 percent (from 2000 levels) by 2030	April 2019
Dominion	80 percent (from 2005 levels) by 2050	Dec. 2018
AEP	80 percent (from 2000 levels) by 2050	Feb. 2018
FirstEnergy	90 percent (from 2005 levels) by 2045	Dec. 2015
Xcel Energy	Net zero by 2050	Dec. 2018
PSEG	80 percent (from 2005 levels) by 2046 with "a vision" of net zero by 2050	July 2019
Ameren	80 percent (from 2005 levels) by 2050	Sept. 2017
DTE Energy	Net zero by 2050	Sept. 2019

Note: Two of the largest — Exelon and Berkshire Hathaway Energy — have not issued plans.

THE UTILITIES' 2017 ELECTRICITY GENERATION

By fuel type, in megawatt-hours



SOURCES: M.J. Bradley & Associates; ICN Research

PAUL HORN / InsideClimate News

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS



Labor Energy Partnership

AFL-CIO / IBEW

- **Solid scientific review**
 - **Climate change is real**
 - **Represents an existential threat to society**
- **Solutions based on “all of the above”**
 - **Regionally focused, flexible, preserves optionality**
 - **Addresses crisis of stranded workers**
 - **Preservation of existing jobs**
- **Creation of new jobs**
 - **Equal to or better than those displaced**
 - **Climate policy represents economic opportunity**
- **Benefits of new technology**
 - **Quality jobs**
 - **Creation of competitive domestic supply chains**



Commitment: The Labor Energy Partnership (LEP) is based on a shared commitment of the AFL-CIO and the energy Futures Initiative to federal, regional and state energy policies that promote economic equity based on quality jobs and the preservation of workers' rights while also addressing the growing climate crisis.

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS



CORONAVIRUS (COVID 19)

- **Electricity Subsector Coordinating Council**
 - Who make up these Council?
 - CEO, Utilities, FERC, NERC, RTO's, ISO
 - Guidelines to address essential workers
- **Homeland Security CISA**
- **Essential Critical Infrastructure workers**
- **EEI/IBEW Electricity Subsector Coordinating Council (ESCC)**

Essential Critical Infrastructure Workforce

Energy

Electricity industry:

Workers who maintain, ensure, or restore the generation, transmission, and distribution of electric power, including call centers, utility workers, reliability engineers and fleet maintenance technicians



Assessing and Mitigating the Novel Coronavirus (COVID-19)

A RESOURCE GUIDE

Version 9: Updated June 26, 2020

Planning for a health emergency, such as the novel coronavirus (or COVID-19), is unique from other business continuity planning because it requires businesses to prepare to operate with a significantly smaller workforce, a threatened supply chain, and limited support services for an extended period of time at an unknown date in the future.

The business continuity and pandemic plans developed by investor-owned electric and/or natural gas companies, public power utilities, and electric cooperatives are designed to protect the people working for them and to ensure energy operations and infrastructure are supported properly throughout an emergency.

This document is a resource for electric power industry leaders to guide informed localized decisions in response to the COVID-19 global health emergency. It highlights data points, stakeholders, and options to consider in making decisions about operational status, while protecting the health and safety of employees, customers, and communities.

Sharing practices and expertise will allow participants to make better-informed independent, localized decisions that will help reduce the negative impacts to the country's electric power supply during the COVID-19 global pandemic. The Electricity Subsector Coordinating Council (ESCC) and its members are committed to complying fully with all applicable federal and state antitrust laws. The activities of the ESCC are not intended, and do not constitute an agreement, to influence markets or prices for goods or services. This document will evolve as public health officials and other government sources provide additional data and more is known about COVID-19.

DISCLAIMER
This document does not constitute legal advice. All examples and scenarios are offered for illustrative purposes only. Recognizing circumstances differ across the industry, the intent of this document is to serve as a general resource of information and not as industry guidance or establishing liability under third parties. ESCC members are independent entities and are not affiliated with each other. This document is not intended, and does not constitute an agreement, to influence markets or prices for goods or services. This document will evolve as public health officials and other government sources provide additional data and more is known about COVID-19.



Guidance on the Essential Critical Infrastructure Workforce: Ensuring Community and National Resilience in COVID-19 Response

Version 1.0 (March 19, 2020)

THE IMPORTANCE OF ESSENTIAL CRITICAL INFRASTRUCTURE WORKERS

Functioning critical infrastructure is imperative during the response to the COVID-19 emergency for both public health and safety as well as community well-being. Certain critical infrastructure industries have a special responsibility in these times to continue operations.

This guidance and accompanying list are intended to support State, Local, and industry partners in identifying the critical infrastructure sectors and the essential workers needed to maintain the services and functions Americans depend on daily and that need to be able to operate resiliently during the COVID-19 pandemic response.

This document gives guidance to State, local, tribal, and territorial jurisdictions and the private sector on defining essential critical infrastructure workers. Promoting the ability of such workers to continue to work during periods of community restriction, access management, social distancing, or closure orders/directives is crucial to community resilience and continuity of essential functions.

CONSIDERATIONS FOR GOVERNMENT AND BUSINESS

This list was developed in consultation with federal agency partners, industry experts, and State and local officials, and is based on several key principles:

1. Response efforts to the COVID-19 pandemic are locally executed. State managed, and federally supported.
2. Everyone should follow guidance from the CDC, as well as State and local government officials, regarding strategies to limit disease spread.
3. Workers should be encouraged to work remotely when possible and focus on core business activities. In-person, non-mandatory activities should be delayed until the resumption of normal operations.
4. When continuous remote work is not possible, businesses should enlist strategies to reduce the likelihood of spreading the disease. This includes, but is not necessarily limited to, separating staff by shifting shift hours or days and/or social distancing. These steps can preserve the workforce and allow operations to continue.

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INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS



CORONAVIRUS (COVID 19)

- **IP Stephenson met with IO Directors**
 - March 5, 2020
- **IBEW Districts response**
- **Weekly conference calls**
 - PPE availability, crew staffing, staggered shifts, remote reporting, social distancing, sequestration of power plant operators, essential work, work from home, anti-body testing, and contract tracing
- **Mutual assistance safe practices**
 - Crew make up, crew continuity
 - Lodging, meals
- **COVID 19 testing issues**
 - Anti Body / Vaccines
 - Legal issues
- **Memorandum of Understanding**



INTERNATIONAL
BROTHERHOOD
OF ELECTRICAL
WORKERS®

*From the Office of the
International President and the
International Secretary-Treasurer*

Memo

To: All Staff and Employees

From: Lonnie R. Stephenson *L.S.*
Kenneth W. Cooper *K.W.C.*

Date: March 13, 2020

Re: Temporary Closing of IBEW Operations at the International Office

As a precaution to help stop the spread of COVID-19, beginning Monday, March 16, 2020, except as set forth below, the IBEW is temporarily closing IBEW operations at the International Office in Washington, DC, through March 27, 2020.

Before reporting back to work on March 30, 2020, International Office staff and employees are instructed to call the main telephone number (202) 833-7000, beginning on March 27, 2020, for an announcement on the status of the IBEW office.

Essential personnel have been identified by department directors and approved by their respective executive assistants. Those essential personnel will be supplied with a laptop computer, if they do not already have an IBEW issued laptop. All directors, international representatives and essential personnel are to report to work at 8:30 a.m. on March 16, 2020, for a meeting and further instructions.

In addition, all air travel for staff and employees assigned to the international office and district offices is suspended through April 30, 2020.

During this period employees will continue to be paid, and are not required to use leave.

Staff and employees are strongly encouraged to follow the guidelines determined by the Centers for Disease Control and Prevention (CDC) to prevent illness and protect yourself and others. Please visit the CDC website for best practices to prevent exposure to the virus.

LRS/KWC:jls



INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS

IBEW Political Actions

- IBEW Officers vote to endorse VP Biden
- IP Stephenson Co-Chairs climate initiative with Tom Steyer
- Several IBEW Directors co-chair climate discussions with Biden supporters
- IBEW IP Stephenson is first National Union President to be appointed to a transition team
- IBEW does nationwide phonebanks with members in battleground states
- IBEW members have made over 70,000 calls to members
- IBEW does nationwide phonebanks for Biden campaign into battleground states



IBEW
MEDIA CENTER

For Immediate Release: February 5, 2020
Contact: Mark Brueggjenjohann 202-728-6014

IBEW Endorses Joe Biden for President

The leadership of the International Brotherhood of Electrical Workers, while attending its annual officers meeting, has unanimously endorsed Vice President Joe Biden to be the next President of the United States. The IBEW represents 775,000 active and retired electrical workers across North America.

"Vice President Biden has been a longtime friend of working families and the IBEW," said IBEW International President Lonnie R. Stephenson. "Joe has a long record of standing up for union members, and we believe it's in the best interest of IBEW members to elect him our next president."

"Each of the Democratic frontrunners stands solidly with the IBEW on issues of workers' rights, including the Protecting the Right to Organize (PRO) Act, which would provide millions of workers across the country with additional protections to organize and collectively bargain, and we thank each of them for their commitment to working families."

"But what makes Joe Biden different isn't just his support for our rights on the job, but his support for good energy jobs. Eighty-five percent of IBEW members work in the energy industry, and our country needs a realistic plan to combat the ongoing threat of climate change without putting energy security or working families at risk."

"Joe Biden has listened to IBEW members, and his energy policy has been shaped by deep, meaningful conversations with the professionals who will build and maintain the energy grid of the future. He backs an all-of-the-above approach to slashing carbon emissions. He also has proposed the largest-ever investment in clean-energy technology, as well as an aggressive clean-power infrastructure plan that will make the United States a global leader in fighting climate change, while putting tens of thousands of Americans to work building the energy economy of the future."

"It's not typical for the IBEW to endorse this early in the primary process, but this year there's an urgency we haven't seen in a very long time. Energy policies made today will reverberate for decades, and it's paramount that we have a candidate for president who supports IBEW jobs and IBEW values."

"As the largest union of energy professionals in the nation, we have been a leader in promoting clean, renewable power, from installing solar panels and building wind turbines to fighting for pro-environment, pro-jobs legislation on the local, state and federal level. No organization in the world has trained more workers for the green economy than the IBEW."

"Joe Biden's support of a robust 21st century infrastructure plan will create significant growth not only for the IBEW's Construction and Utility branches, but also Telecommunications, Broadcasting, Manufacturing and Railroad. In addition, we can count on him to roll back this administration's attack on thousands of IBEW members who work in government jobs."

"Vice President Biden has listened to what we have to say about one of our nation's most pressing challenges, and I know IBEW members will have a seat at the table in a Biden White House."

###


The International Brotherhood of Electrical Workers (IBEW) represents approximately 775,000 members and retirees who work in a wide variety of fields, including construction, utilities, manufacturing, telecommunications, broadcasting, railroads and government.



IBEW Political Action

Biden Energy Plan

- Carbon capture sequestration
- Existing nuclear, and advanced nuclear technologies
- Build out transmission infrastructure
- Accelerating deployment of electric vehicles
- Ensuring that clean economy jobs are good blue-collar jobs
- Biden understands key role of fossil fuels play in reduction of CO2 emissions



Joe Biden appointed IBEW President Lonnie Stephenson to his Climate Engagement Advisory Council, **demonstrating his commitment to ensuring the IBEW has a seat at this table.**

JOE BIDEN'S ENERGY PLAN
Biden will invest in \$400 billion over 10 years, including:¹

- Accelerating the development of **carbon capture sequestration** technology
- Identifying the **future of nuclear energy and investing in advanced nuclear technologies**
- Aggressive federal action to **build out transmission infrastructure**
- **Accelerating the deployment of electric vehicles** by funding more than 500,000 new public charging outlets in 10 years
- **Ensuring that clean economy jobs are good jobs** offering good wages, benefits and worker protections

*"The difference between me and the New Green Deal is they say automatically by 2030 we're going to be carbon free. **Not possible.**"*
—Joe Biden, ABC town hall, October 15, 2020

OIL AND GAS EXTRACTION INDUSTRY FLOURISHED UNDER OBAMA-BIDEN

- Fracking went into widespread use under Obama-Biden²
- Domestic production of oil and gas skyrocketed between 2009 and 2017³
- Growth rate is the highest in U.S. history for a president⁴

BIDEN UNDERSTANDS THE KEY ROLE OF FOSSIL FUELS

- Has no intention of shutting down hydraulic fracturing⁵
- Understands that natural gas is baseload generation that complements intermittently available renewable energy sources⁶
- Supports the Shell petrochemical cracker plant outside Pittsburgh⁷

INVESTING IN A GREEN FUTURE

*"My energy plan fulfills our obligation to the communities and workers that have risked their lives to produce fossil fuels that made it possible for America to win world wars and become an industrial power. **We're not going to leave any workers or communities behind.**"*
—Joe Biden

IBEWVOTES2020.ORG

¹ <https://joe Biden.com/climate-plan/>
² <https://www.dailymail.com/news/uk-politics/article-8511111/Trump-record-oil-production-a-deep-dive-into-obama-and-trump-records-lindsey-proposed-plan/>
³ <https://www.dailymail.com/news/uk-politics/article-8511111/Trump-record-oil-production-a-deep-dive-into-obama-and-trump-records-lindsey-proposed-plan/>
⁴ <https://www.dailymail.com/news/uk-politics/article-8511111/Trump-record-oil-production-a-deep-dive-into-obama-and-trump-records-lindsey-proposed-plan/>
⁵ <https://www.dailymail.com/news/uk-politics/article-8511111/Trump-record-oil-production-a-deep-dive-into-obama-and-trump-records-lindsey-proposed-plan/>
⁶ <https://www.dailymail.com/news/uk-politics/article-8511111/Trump-record-oil-production-a-deep-dive-into-obama-and-trump-records-lindsey-proposed-plan/>
⁷ <https://www.dailymail.com/news/uk-politics/article-8511111/Trump-record-oil-production-a-deep-dive-into-obama-and-trump-records-lindsey-proposed-plan/>

"We feel that Joe Biden is the best choice for the IBEW because he has taken the time to listen to what our members have to say about the biggest challenges facing our country. And that makes me confident that IBEW members will always have a seat at the table in a Biden administration."
Lonnie R. Stephenson, IBEW President



Climate Action; U.S. Congress

- American Energy Innovation Act (Senators Manchin & Murkowski)
- Nuclear Energy Leadership Act
- McKinley & Schrader proposed
- Clean Energy for America Act
- Durbin Carbon Tax Bill
- Clean Energy Innovation Deployment Act of 2020
- Moving Forward Act
- Clean Energy Jobs Innovation Act
- Carbon Capture 45Q



INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS



LAMPAC Collaboration

- Nation Wide Permitting 12
- Mercury Air Toxic Standards (MATS)
- PURPA
- Clean Power Plan
- American Clean Energy rule
- PURPA
- Clean Water Act – County of Maui vs Hawaii Wildlife Fund

PRIVILEGED & CONFIDENTIAL
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Nos. 20-35412, 20-35414, 20-35415

IN THE UNITED STATES COURT OF APPEALS FOR
THE NINTH CIRCUIT

NORTHERN PLAINS RESOURCE COUNCIL, *et al.*,

Plaintiffs-Appellees,

v.

U.S. ARMY CORPS OF ENGINEERS, *et al.*,

Defendants-Appellants,

and

TC ENERGY CORPORATION, *et al.*,

Intervenor-Defendants/Appellants.

On Appeal from the U.S. District Court for the District of Montana
No. 4:19-cv-00044 (Hon. Brian Morris)

BRIEF OF *AMICI CURIAE* EDISON ELECTRIC INSTITUTE,
INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS,
THE CHAMBER OF COMMERCE OF THE UNITED STATES OF
AMERICA, AND UNITED STATES TELECOM ASSOCIATION IN
SUPPORT OF DEFENDANTS-APPELLANTS

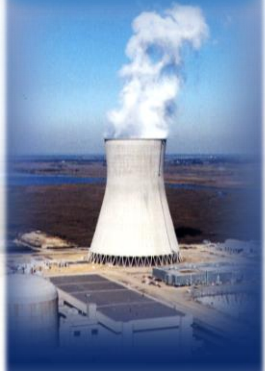
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1

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS





*Thank you, happy to
answer any questions.*

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS

