



Edison Electric
INSTITUTE

Western LAMPAC

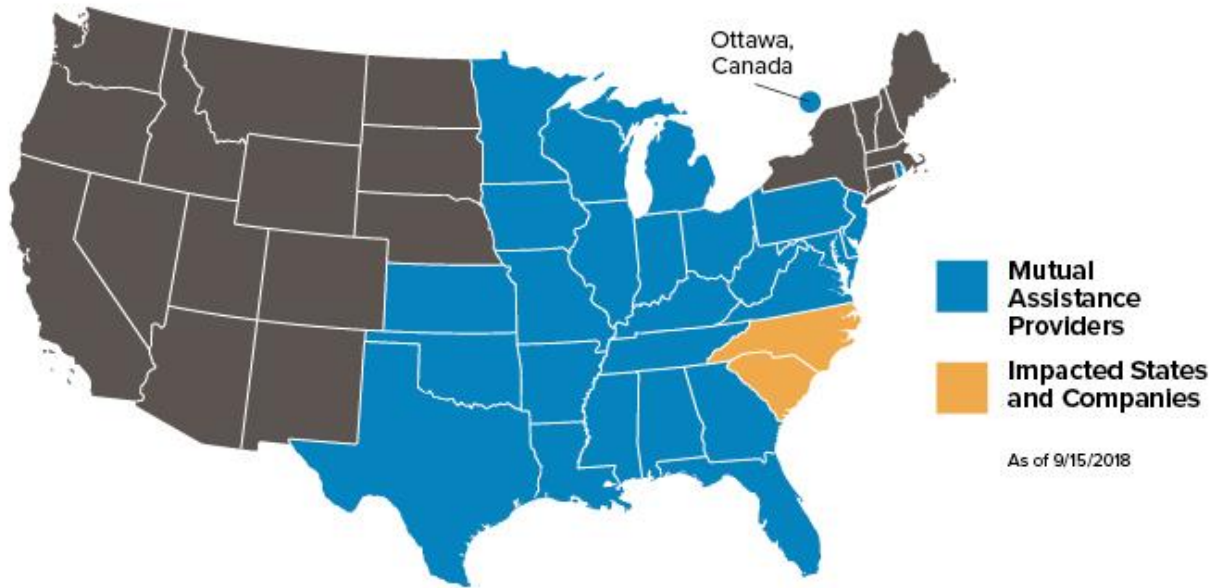
Tuesday, October 9, 2018

Taylor A. Beis

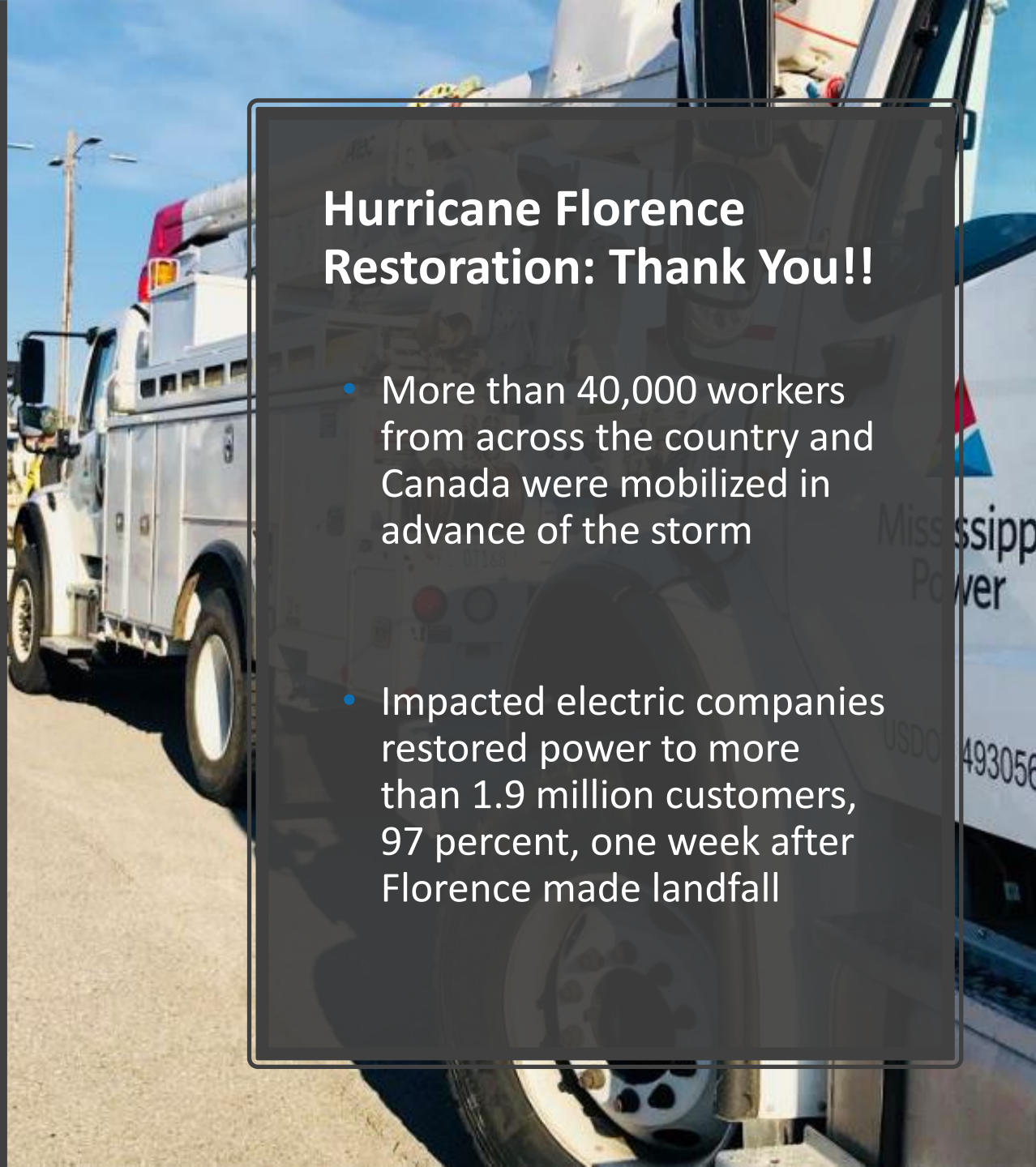
Director of External Affairs

Hurricane Florence

Mutual Assistance Is A Hallmark Of The Electric Power Industry



**More Than
40,000 Workers
Mobilized to
Restore Power**



Hurricane Florence Restoration: Thank You!!

- More than 40,000 workers from across the country and Canada were mobilized in advance of the storm
- Impacted electric companies restored power to more than 1.9 million customers, 97 percent, one week after Florence made landfall

EPA Mercury and Air Toxics Standards

Mercury and Air Toxics Standards for Power Plants Residual Risk and Technology Review and Cost Review



July 10, 2018

The Honorable William L. Wehrum
Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW
Washington, DC 20460

Dear Assistant Administrator Wehrum:

The Environmental Protection Agency (EPA or Agency) has indicated to the U.S. Court of Appeals for the District of Columbia Circuit its intent to address the Agency's Final Supplemental Finding for the Mercury and Air Toxics Standards (MATS) in which EPA

Federal Industry Priorities

- Federal Infrastructure Priorities
- Key Legislation
- Collaboration on Year-End Priorities
- Regulatory Action



Federal Infrastructure Priorities

- **Siting and Permitting**
- **Vegetation Management**
- **Hydro Power**
- **Clean Water Act.**
- **Water Development Resources Act**
- **Endangered Species Act**

Federal Infrastructure Priorities: Legislative

- Vegetation Management
- Hydro Power Policy Modernization Act



October 31, 2017

Dear Senator:

The undersigned groups are writing in support of advancing legislation in Congress to enhance energy grid reliability and worker safety, improve system resiliency, and reduce wildfire risks by providing an improved framework for vegetation management and other maintenance of electricity infrastructure that crosses federal lands.

Managing vegetation on electric transmission and distribution rights-of-way is a key part of electric company efforts to protect the security and reliability of the energy grid. Vegetation management helps to enhance the physical integrity of transmission and distribution infrastructure, as well as the safety of workers who build and maintain such facilities.

Challenges arise when rights-of-way cross federal lands. It can be especially difficult to obtain timely approvals from federal land management agencies to implement integrated vegetation management programs and conduct the operation and maintenance work that electric companies must perform to meet mandatory reliability standards, ensure a proper functioning of the energy grid, and reduce the potential risk of fire.

In June, the House of Representatives passed H.R. 1873, the "Electricity Reliability and Forest Protection Act" by an impressive vote of 300-118. We applaud this bipartisan effort in the House to improve coordination between federal land management agencies and electric companies to assure timely and safe completion of such work. We believe H.R. 1873 can work to the benefit of the federal land management agencies, electric companies, workers, first responders, and communities to assure the timely and safe completion of work critical to maintaining a safe, reliable energy grid and improving federal land management in a manner that is efficient for all parties.



November 6, 2017

The undersigned groups are writing to express strong support for H.R. 3043, the Hydropower Policy Modernization Act of 2017, and to request your vote as it is considered on the floor of the U.S. House of Representatives this week.

Hydropower is America's single largest provider of renewable electricity, making up almost one-

Key Legislation: Collaboration on Year-End Priorities

- House and Senate Coordination on Water Resources and Development Act (WRDA)



July 16, 2018

The Honorable John Barrasso
 Chairman
 Committee on Environment and
 Public Works
 410 Dirksen Building
 United States Senate
 Washington, DC 20510

The Honorable Thomas R. Carper
 Ranking Member
 Committee on Environment and
 Public Works
 456 Dirksen Building
 United States Senate
 Washington, DC 20510

Support for Permanent Extension of U.S. Army Corps of Engineers Cost-Recovery Authority for Expedited Permit Processing in the America's Water Infrastructure Act of 2018

June 1, 2018

The Honorable Bill Shuster
 Chairman
 Committee on Transportation and
 Infrastructure
 2251 Rayburn House Office Building
 U.S. House of Representatives
 Washington, DC 20515

The Honorable Peter DeFazio
 Ranking Member
 Committee on Transportation and
 Infrastructure
 2164 Rayburn House Office Building
 U.S. House of Representatives
 Washington, DC 20515

Dear Chairman Shuster and Ranking Member DeFazio:

Regulatory and Administrative: Year-End Action

- FCC Wireline Broadband Deployment
- The FERC



**INTERNATIONAL
BROTHERHOOD
OF ELECTRICAL
WORKERS.**

900 Seventh Street, NW
Washington, DC 20001
202.833.7000
www.ibew.org

LONNIE R. STEPHENSON
International President

KENNETH W. COOPER
International
Secretary-Treasurer

January 30, 2018

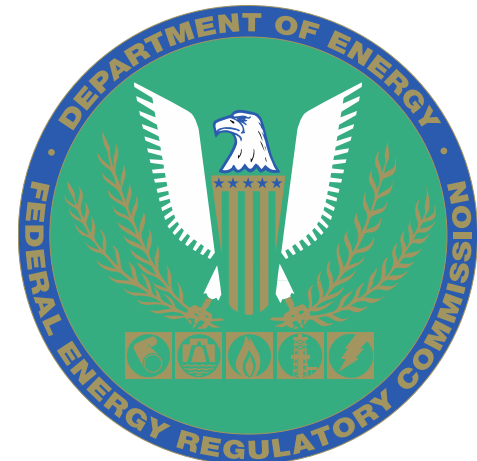
Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 Twelfth Street SW
Washington, D.C. 20554

Dear Ms. Dortch:

Thank you for the opportunity to comment on the FCC's Notice of Proposed Rulemaking, WC Docket No. 17-108, "Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment."

Many of our approximately 775,000 members are highly skilled utility and telecommunications professionals working throughout the infrastructure networks that are vital to the flow of modern life. IBEW members log years of on-the-job and classroom training in apprenticeship programs and as line workers across the United States.

IBEW members are employed in every aspect of the utility and telecommunications industries, including the physical infrastructure working as linemen and groundmen, technicians, equipment operators, mechanics as well as substation electricians and communications technicians. Delivering electric power and

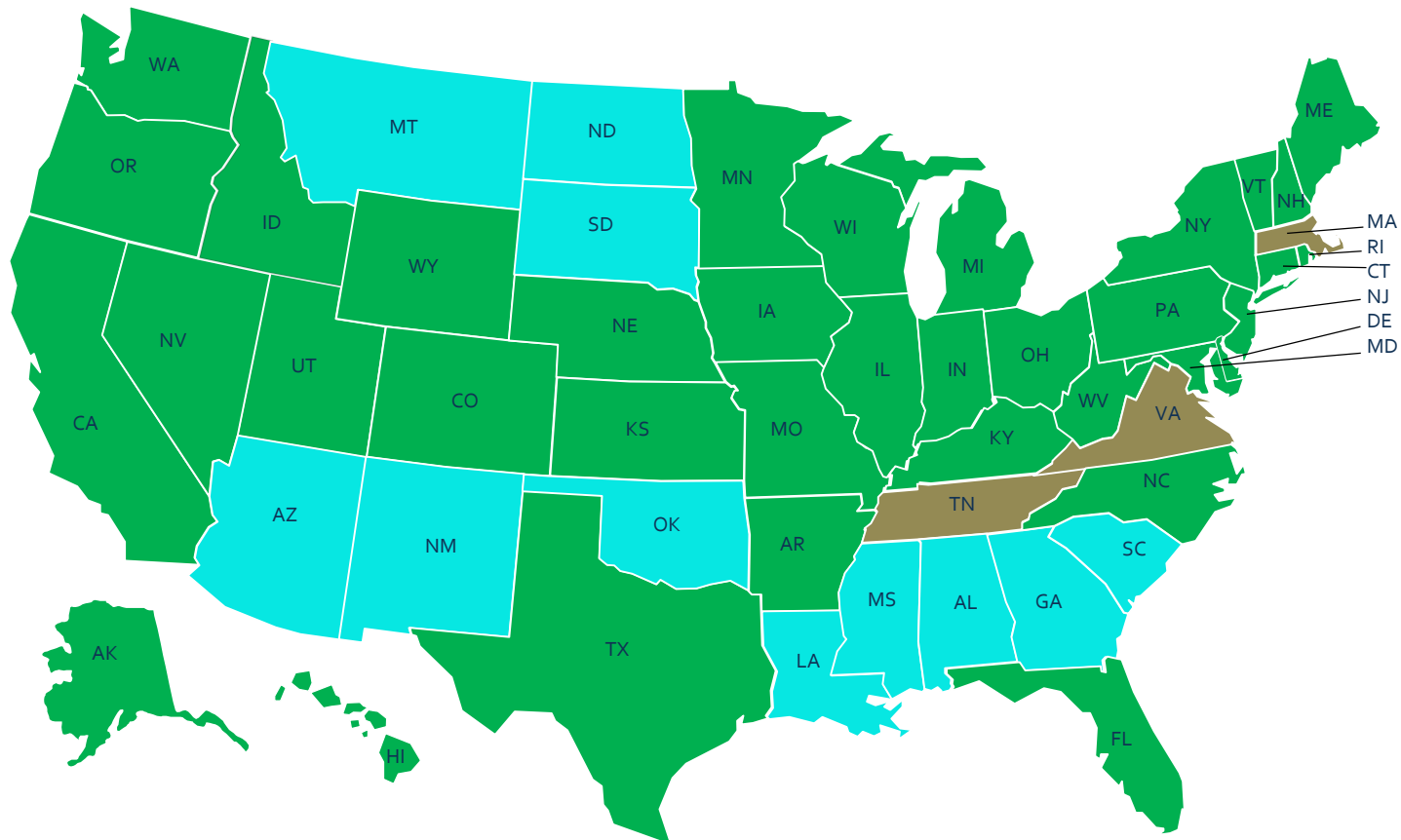


State Activity & Collaboration

- Political Landscape:
State Commissions
- Smarter Energy
Infrastructure
- Electric
Transportation

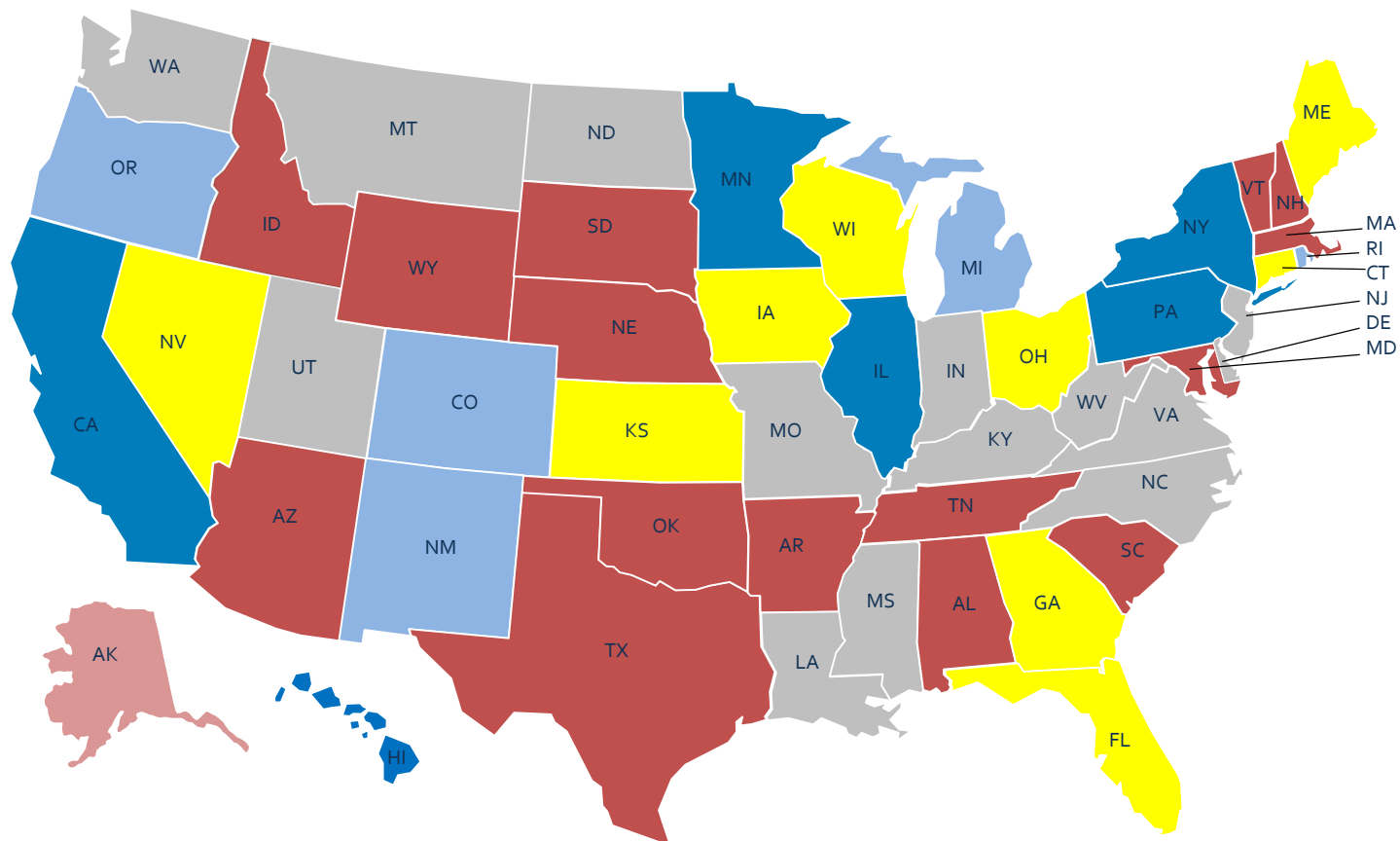


Political Landscape: State Utility Commissions



- Appointed By Governor
- Elected (statewide or by districts)
- Elected or Appointed (not by Governor or direct Public)

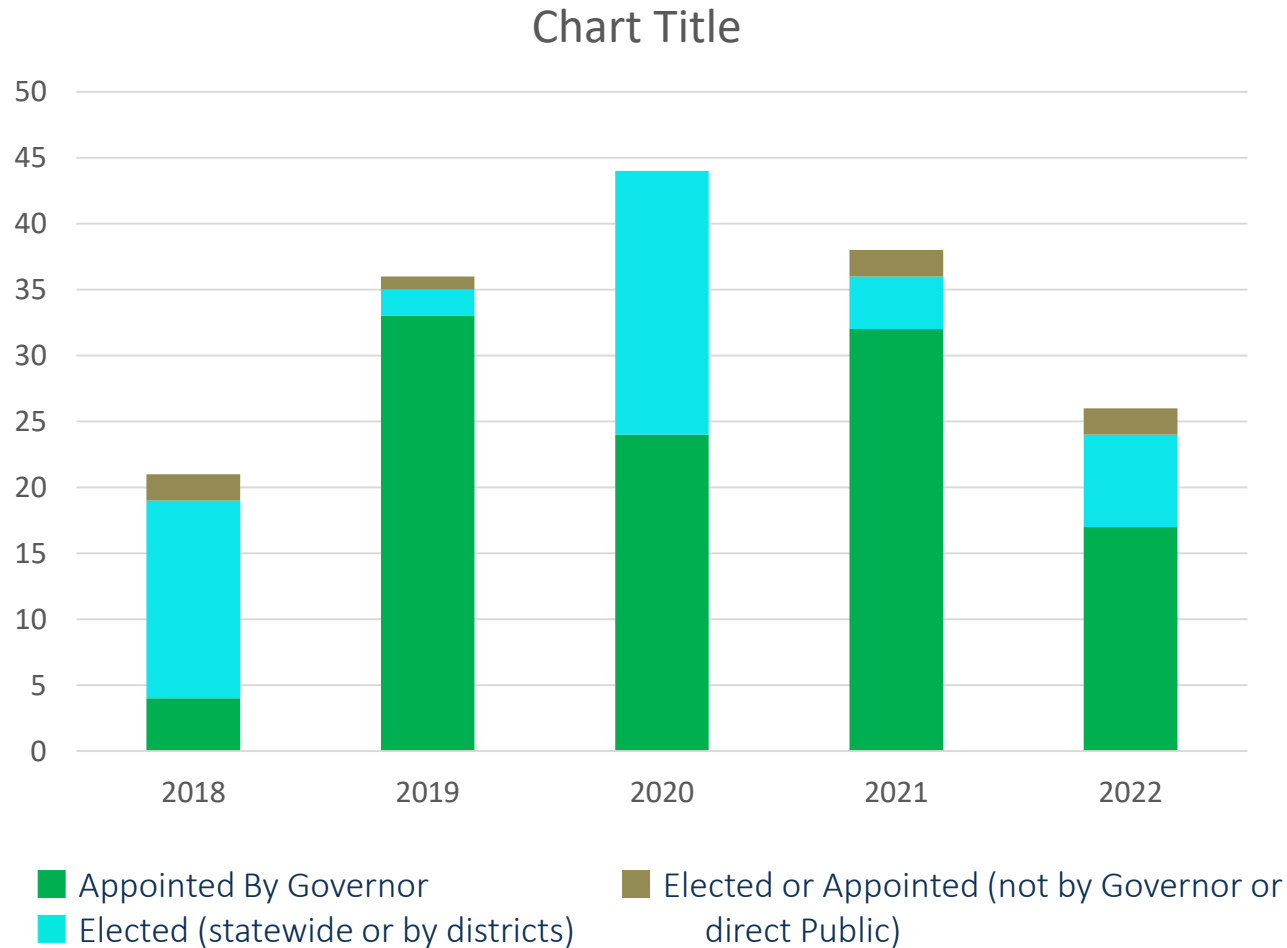
Political Outlook: 2018 Gubernatorial Elections



■ Solid Likely R ■ Solid / Likely R ■ Toss-up
■ Lean D ■ Lean R

**As of Date*

Political Outlook: Elected vs. Appointed



Smarter Energy Infrastructure: Grid Modernization



May 3, 2018

Dear Missouri Legislator,

As a Union leader representing Ameren Missouri line workers, I want to personally thank you for your attention this legislative session to our state's energy infrastructure. Grid modernization bills SB 564 and HB 2265 have both overwhelmingly passed the House and Senate in bipartisan fashion. On behalf of my fellow line workers and our families, I ask that you ensure one of these bills becomes law in 2018.

Take it from someone that sees the problems associated with an aging electric grid every day; now is the time to act. Modernizing our grid will not only be good for customers, it will be a huge shot in the arm to the Missouri economy. The incremental \$1 billion investment that this legislation would unleash will support thousands of good-paying, highly-skilled jobs.

Grid modernization would also provide a tremendous value toward improving our state's workforce development. Right now, our skilled workforce is aging and many of our IBEW members are reaching retirement age. The move to modernize our grid will provide excellent training opportunities for our newer, apprentice line workers and allow them to learn from our veteran journey line workers. This investment in human capital will pay dividends for generations to come.

Lastly, we are excited to see that both SB 564 and HB 2265 would mandate that all utility savings from the federal tax cut be returned to customers within 90 days of becoming law. The provision would result in an almost immediate 4-5% rate cut for customers like me, and then moving forward rate increases would be capped for the first time in Missouri history.

Again, thank you for truly focusing this year on energy infrastructure. We appreciate your hard work to modernize Missouri's aging grid and bring price stability to electric customers. The legislation is a win-win for Missourians and we can't wait for you and your colleagues to get this critical legislation across the finish line in 2018.

Sincerely,

David Heidbreider
IBEW Local No. 2
Business Manager

Doug Mueller
IBEW Local 1439
Business Manager

Keith Linderer
IUOE Local 148
Business Manager

POWER forward
Powered by Ameren Missouri

BUSINESSES, ORGANIZATIONS AND ASSOCIATIONS,
REPRESENTING THOUSANDS OF MISSOURIANS, SUPPORT GROWING MISSOURI'S ENERGY FUTURE

**A Smarter, More Secure and Stable Energy Grid
Benefits Consumers and Creates Jobs**

ABB, Inc.
Accenture
ALLSTATE Consultants
Alzheimer's Association
Greater Missouri Chapter
American Council of Engineering
Companies of Missouri
Ameren Missouri

Arcadia Valley Chamber of Commerce

City of Normandy
City of Olivette
City of Osage Beach
City of Pagedale
City of Pine Lawn
City of Velda Village Hills
City of Versailles
City of Vinita Park

**Hispanic Chamber of Commerce of
Metropolitan St. Louis**

Horne & Shifrin, Inc.
Hubbell Power Systems
IBEW Local 2
IBEW Local 702
IBEW Local 1439
IBEW Local 1455
Jefferson Bank



MISSOURI STATE UTILITY WORKERS CONFERENCE

209 Flora Drive • Jefferson City, Missouri 65101

Facebook page: *Missouri State Utility Workers Conference*

April 22nd, 2018

Dear Legislator:

On behalf of over fourteen thousand (14,000) Utility Workers living and working in the State of Missouri, I'd like to thank you for your attention to Senate Bill 564 commonly referred to as the Grid Modernization legislation. It is our belief, Modernizing our grid will be good for customers and good for Missouri's economy.

On a daily and nightly basis, we have members who are on the frontline addressing the problems associated with an aging grid and feel now is the time to act by ensuring Senate Bill 564 becomes law. The incremental \$1 billion investment that this legislation would create will support highly skilled, good paying jobs.

Furthermore, Grid Modernization would provide value toward improving our State's workforce development. For some time, our specifically trained workforce has been aging as many are reaching or are at retirement age. We feel passage of this Grid

Smarter Energy Infrastructure: Grid Modernization

MISSOURI POLL FINDS WIDESPREAD SUPPORT FOR LEGISLATION THAT ADVANCES SMARTER, MORE SECURE, MORE STABLE ENERGY FUTURE

70%

Of Missourians favor legislation that would make Missouri's energy grid smarter, more secure and more stable, while creating rate caps and maintaining strict regulatory oversight and consumer protections.

71%

Of Missourians favor legislation that accelerates energy companies' improvements in smart grid technology, which introduces more clean and renewable power to save customers money in the long term, gives consumers real tools to lower their energy bills, provides real-time information on consumers' smart phones, prevents power outages and restores power more quickly when outages do occur.

79%

Of Missourians favor legislation that accelerates energy companies' improvements in cyber and physical security that protects the electric grid and customer data from cyberattacks and hackers.

Survey conducted January 6 through January 7, 2016. 1,017 likely voters participated in the survey. Survey weighted to match expected turnout demographics for the 2016 General Election. Margin of Error is +/- 3%. Totals do not always equal 100% due to rounding. Survey conducted by Remington Research Group as published in MissouriSOS.com January 9, 2016.

Coal Combustion Residuals

- Authorizes MO DNR to oversee and regulate CCR ash ponds vs. EPA regulation



Nuclear Security Guard Act

- Brings MO law in line with federal law for protecting our Callaway Energy Center, our security officers and the health and safety of the public



Safer Affordable Fuel-Efficient Vehicles Rule

- Organizations react; hundreds file for comment period extension

September 13, 2018

Acting Administrator Andrew Wheeler
U.S. Environmental Protection Agency
1200 Pennsylvania Ave. NW
Washington, D.C. 20460
Via regulations.gov: Docket ID No. EPA-HQ-OAR-2018-0355

Re: Request for 120-day Comment Period on Proposed Rule "Emission Guidelines for Greenhouse Gas Emissions From Existing Electric Utility Generating Units; Revisions to Emission Guideline Implementing Regulations; Revisions to New Source Review Program", or ACE Rule

CC: Bill Wehrum, Assistant Administrator, Office of Air and Radiation

Dear Acting Administrator Wheeler:


On behalf of the undersigned associations, representing state and local decisionmakers, we respectfully request that EPA extend to 120 days the public comment period for the proposed rule, "Emission Guidelines for Greenhouse Gas Emissions From Existing Electric Utility Generating Units; Revisions to Emission Guideline Implementing Regulations; Revisions to New Source Review Program," (docket EPA-HQ-OAR-2018-0355; 83 FR 44,746, August 31, 2018).

If promulgated, this proposal, also known as the Affordable Clean Energy (ACE) rule, would profoundly impact the state and local agencies charged with implementing the Clean Air Act. Section 111 of the Clean Air Act and the ACE rule both envision a primary role for states to set standards of performance for affected units, and this requires a more robust understanding by states of their roles in the proposed rule to provide effective comment. It also suggests broad changes in the way that core Clean Air Act programs like New Source Review will be implemented and has important implications for energy and utility regulatory policy that need to be considered by decisionmakers.

States of California, Connecticut, Delaware, Iowa, Illinois, Maine, Maryland, Massachusetts, Minnesota, New Jersey, New York, North Carolina, Oregon, Pennsylvania, Rhode Island, Vermont, Washington, and the District of Columbia

August 27, 2018

Andrew K. Wheeler
Acting Administrator, United States
Environmental Protection Agency
Office of the Administrator Code 1101A
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460



September 18, 2018

The Honorable Elaine L. Chao
Secretary
U.S. Department of Transportation
1200 New Jersey Avenue, SE
Washington, DC 20590

The Honorable Andrew Wheeler
Acting Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Dear Secretary Chao and Acting Administrator Wheeler:

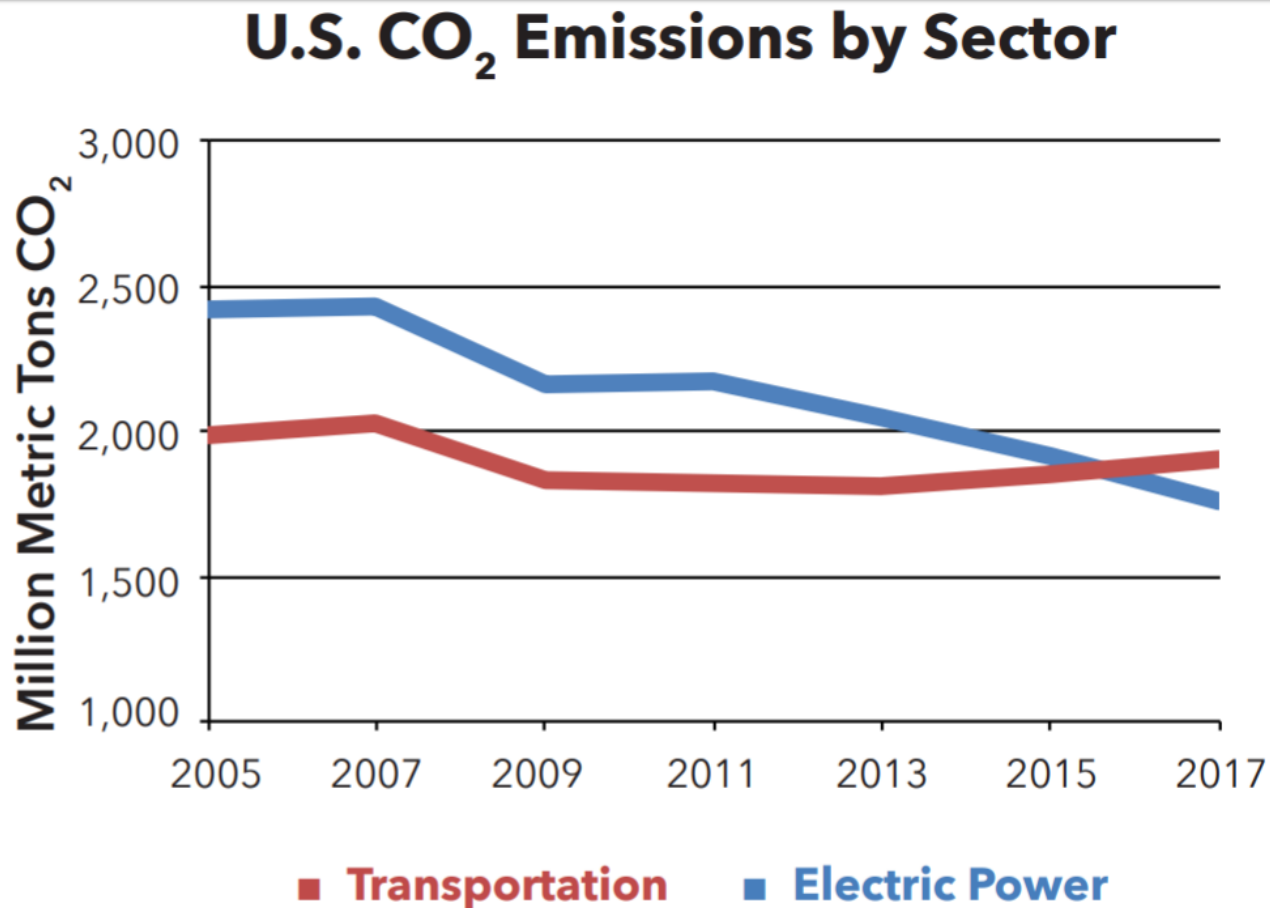
The Environmental Protection Agency and National Highway Traffic Safety Administration (the Agencies) have proposed the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021-2026 Passenger Cars and Light Trucks, requesting comment on or before September 23, 2018 regarding a range of proposed Corporate Average Fuel Economy (CAFE) and Greenhouse Gas (GHG) standards for light-duty vehicles. 83 Fed. Reg. 42,986 (September 13, 2018).

On behalf of the undersigned associations, we respectfully request that the Agencies extend the public comment period on the SAFE Rule by 60 additional days to allow the Associations and organizations in which they are represented to further evaluate the Agencies' proposal and provide comments. The proposed

Safer Affordable Fuel-Efficient Vehicles Rule: Future of CAFE and CA Waiver

- September 21, 2018 EPA and NHTSA extend comment period by 3 days
 - Rationale is that a longer process will reduce the time automakers have to comply
 - One national standard
 - Year over year increases
 - Electric vehicles are important component for compliance
- Next Steps:
 - Comments Due by October 26
 - California CARB Suit
 - Litigation, Litigation, Litigation

Electric Transportation: CO₂ Emissions by Sector



Electric Transportation: Policy Approaches

Market acceleration to meet state-level goals (e.g., ZEV)	<ul style="list-style-type: none">▪ California (SDG&E, PG&E, SCE)▪ Massachusetts (Eversource, National Grid)▪ Maryland stakeholder process▪ Rhode Island stakeholder process
Legislative enabling policy	<ul style="list-style-type: none">▪ Utah (SB 115 → Rocky Mountain Power)▪ Oregon (SB 1547 → Portland General Electric, Pacific Power)▪ Washington (HB 1853 → Avista)▪ California (SB 350 → SDG&E, PG&E, SCE)▪ Nevada (SB 145)
Customer need / market growth	<ul style="list-style-type: none">▪ Indiana (Indianapolis Power & Light)▪ Missouri (KCP&L, Ameren)▪ Kansas (KCP&L)▪ Georgia (Georgia Power)▪ Michigan (Consumers Energy → technical conference)▪ Hawaii (Hawaiian Electric)▪ Kentucky (LG&E and KU)▪ Florida (Gulf Power, Duke Energy)▪ Ohio (AEP Ohio)▪ DC (Pepco)

Electric Transportation: State Activity and Collaboration

CHARGEVC
BETTER TRAVEL, STRONGER GRID.



Electric Transportation: Collaboration

Transportation Electrification Accord

The following sets forth principles of the Transportation Electrification Accord (the "Accord"). We invite a diverse set of organizations representing NGOs and businesses to sign onto the Accord and to use it for policy design, education, and outreach. The Accord outlines how transportation electrification can be advanced in a manner that benefits all utility customers and users of all forms of transportation, while supporting the evolution of a cleaner grid and stimulating innovation and competition for U.S. companies.

MEMORANDUM OF UNDERSTANDING FOR SIGNATORIES TO THE ACCORD

Signatories to the Transportation Electrification Accord are invited to use the principles in their efforts to advance transportation electrification. Nothing in the Accord binds any signatory to any specific position. Nothing in the Accord authorizes any signatory to speak on behalf of other signatories, though signatories are welcome to use the existence of cosignatories as evidence of the appropriateness of these principles.

TRANSPORTATION ELECTRIFICATION ACCORD SIGNATORIES



SIGNATORIES UPDATED - 6/19/18



Electric Transportation: Collaboration In Action



[CLICK TO PLAY](#)

2018 Western LAMPAC

Taylor Beis

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tbeis@eei.org



The Edison Electric Institute (EEI) is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for 220 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.

Safe, reliable, affordable, and clean energy powers the economy and enhances the lives of all Americans.

EEI has more than 60 international electric companies 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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