

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Complaint of Michael Mabee)	
Related to Critical Infrastructure)	Docket No. EL20-46-000
Protection Reliability Standards)	

**MOTION TO EXCLUDE EDISON ELECTRIC INSTITUTE FROM INTERVENING IN THIS DOCKET
AND MOTION TO REQUIRE CERTIFICATION FOR ELECTRIC INDUSTRY AND TRADE
ASSOCIATION INTERVENTION**

Submitted to FERC on May 13, 2020

I am the Complainant in this docket. I file these two motions pursuant to 18 CFR § 385.212 (Rule 212).

Background

On May 4, 2020, the President of the United States declared a national emergency and issued Executive Order 13920: "Securing the United States Bulk-Power System."¹ The order defines:

The term "foreign adversary" means any foreign government or foreign non-government person engaged in a long-term pattern or serious instances of conduct significantly adverse to the national security of the United States or its allies or the security and safety of United States persons.

The Government of the People's Republic of China has long been viewed as a foreign adversary of the United States. Specifically, in 2019 the Director of National Intelligence stated:²

Our adversaries and strategic competitors will increasingly use cyber capabilities—including cyber espionage, attack, and influence—to seek political, economic, and military advantage over the United States and its allies and partners. China, Russia, Iran, and North Korea increasingly use cyber operations to threaten both minds and machines in an expanding number of ways—to steal information, to influence our citizens, or to disrupt critical infrastructure.

The director of National Intelligence also stated:

¹ Available at: <https://www.govinfo.gov/content/pkg/FR-2020-05-04/pdf/2020-09695.pdf> (Accessed May 10, 2020).

² Coats, Daniel R. Director of National Intelligence (DNI) "Worldwide Threat Assessment of the U.S. Intelligence Community" Senate Select Committee on Intelligence. January 29, 2019. Available at: <https://www.dni.gov/files/ODNI/documents/2019-ATA-SFR---SSCI.pdf> (Accessed May 10, 2020).

China presents a persistent cyber espionage threat and a growing attack threat to our core military and critical infrastructure systems. China remains the most active strategic competitor responsible for cyber espionage against the US Government, corporations, and allies. It is improving its cyber attack capabilities and altering information online, shaping Chinese views and potentially the views of US citizens—an issue we discuss in greater detail in the Online Influence Operations and Election Interference section of this report.

- *Beijing will authorize cyber espionage against key US technology sectors when doing so addresses a significant national security or economic goal not achievable through other means. We are also concerned about the potential for Chinese intelligence and security services to use Chinese information technology firms as routine and systemic espionage platforms against the United States and allies.*
- *China has the ability to launch cyber attacks that cause localized, temporary disruptive effects on critical infrastructure—such as disruption of a natural gas pipeline for days to weeks—in the United States.*

Edison Electric Institute's Ties to a Foreign Adversary as Defined in Executive Order 13920.

Edison Electric Institute (EEI) is the trade organization that purports to represent “all U.S. investor-owned electric companies.”³ EEI is a frequent intervenor and commenter in FERC dockets related to Critical Infrastructure Protection (CIP) standards and issues.⁴ EEI spends millions of dollars annually lobbying the U.S. Congress on matters pertaining to the U.S. Critical infrastructure.⁵ EEI also makes contributions to key members of Congress involved in critical infrastructure security legislation.⁶

Attached as Exhibit A is EEI's member list, dated February 2020 which I downloaded from EEI's website on May 10, 2020.⁷ EEI counts among its members State Grid Corporation of China, which is a state-owned corporation, owned by the government of the People's Republic of China. EEI also counts as a member Power Assets Holdings, a company based in Hong Kong (which China calls “Hong Kong Special Administrative Region of the People's Republic of China”).

Attached as Exhibit B is EEI's member list dated February 2020 which I downloaded from EEI's website on April 10, 2020. In this version, EEI counted among its members State Grid Corporation of China as well as China Southern Power Grid Co. Both of these are state-owned entities, owned by the government of the People's Republic of China. EEI also counts as a member Power Assets Holdings, a company based in Hong Kong (which China calls “Hong Kong Special Administrative Region of the People's Republic of China”).

³ See: <https://www.eei.org/about/Pages/default.aspx> (accessed May 10, 2020).

⁴ See, for example, FERC Dockets EL20-21-000, AD19-18-000, RM15-14-000 and NP19-4-000.

⁵ See: <https://www.opensecrets.org/federal-lobbying/clients/summary?cycle=2018&id=D000000297> (accessed May 10, 2020).

⁶ See: <https://www.opensecrets.org/pacs/pacgot.php?cycle=2018&cmte=C00095869> (accessed May 10, 2020).

⁷ Downloaded on May 10, 2020 from

https://www.eei.org/about/members/uselectriccompanies/Documents/memberlist_print.pdf

Attached as Exhibit C is EEI's member list dated May 2019 which I downloaded from EEI's website on May 29, 2019. In this version, EEI counted among its members State Grid Corporation of China as well as China Southern Power Grid Co. Both of these are state-owned entities, owned by the government of the People's Republic of China. EEI also counts as a member Power Assets Holdings, a company based in Hong Kong (which China calls "Hong Kong Special Administrative Region of the People's Republic of China").

These three Chinese companies have an obligation under the 2017 Chinese National Intelligence Law to "support, assist and cooperate with the state intelligence work." Moreover, under China's 2014 Counter-Espionage Law⁸ a company may not refuse the Chinese government when asked for information. In fact, according Dr. Murray Scot Tanner's Lawfare Institute analysis:⁹

"The Intelligence Law, by contrast, repeatedly obliges individuals, organizations, and institutions to assist Public Security and State Security officials in carrying out a wide array of 'intelligence' work. Article Seven stipulates that 'any organization or citizen shall support, assist, and cooperate with state intelligence work according to law.' Article 14, in turn, grants intelligence agencies authority to insist on this support: 'state intelligence work organs, when legally carrying forth intelligence work, may demand that concerned organs, organizations, or citizens provide needed support, assistance, and cooperation.' Organizations and citizens must also protect the secrecy of 'any state intelligence work secrets of which they are aware'."

So, at least three members or former members of the Edison Electric Institute have an obligation to provide information and assistance to the government of the People's Republic of China.

In other words, the government of the People's Republic China—the very government that has been hacking the North American electric grid for years—is, a for all intents and purposes, a member of Edison Electric Institute through its state owned corporations and other entities that owe their allegiance and obligations to the PRC.

Moreover, Chinese companies have been "affiliates" of EEI since at least 2014,¹⁰ and State Grid Corporation of China has been a member of EEI since at least 2016.¹¹ Exhibit D is EEI's February 2016 Member List.

The relationship seems far from casual: Exhibit E is the EEI's press release on June 6, 2018 when EEI awarded State Grid Corporation of China "Edison Electric Institute's (EEI's) 2018 International Edison Award."¹²

⁸ <https://www.reuters.com/article/us-china-lawmaking-spy-idUSKBN0IL2N520141101> (accessed May 10, 2020).

⁹ <https://www.lawfareblog.com/beijings-new-national-intelligence-law-defense-offense> (accessed May 10, 2020).

¹⁰ See EEI's website on February 14, 2014 archived at:

<https://web.archive.org/web/20140214141920/http://www.eei.org/about/members/internationalaffiliates/Pages/interaffiliatelist.aspx> (accessed May 10, 2020).

¹¹ See EEI's website on October 11, 2016 archived at:

<https://web.archive.org/web/20161011162447/http://www.eei.org/about/members/internationalaffiliates/Pages/interaffiliatelist.aspx> (accessed May 10, 2020).

¹² Also available at: [http://www.eei.org/resourcesandmedia/newsroom/Pages/Press Releases/State Grid Corporation of China Wins EEI's 2018 International Edison Award0606-2042.aspx](http://www.eei.org/resourcesandmedia/newsroom/Pages/Press%20Releases/State%20Grid%20Corporation%20Wins%20EEI's%202018%20International%20Edison%20Award0606-2042.aspx) (accessed May 10, 2020).

Exhibit F is a press release from the State-owned Assets Supervision and Administration Commission of the State Council (SASAC) announcing State Grid Corporation of China's receipt of the EEI "Edison Award."¹³ Note that the SASAC "is an ad-hoc ministerial-level organization directly subordinated to the State Council. The Party Committee of SASAC performs the responsibilities mandated by the Central Committee of the Chinese Communist Party."¹⁴

Exhibit G is a press release from the China Electricity Council (CEC)¹⁵ announcing that EEI and the China Electricity Council (whose "President Member" is the State Grid Corporation of China¹⁶) entered into a formal "memorandum of understanding" (MOU).

Exhibit H is EEI's press release on this MOU between EEI and the China Electricity Council.¹⁷ This picture is included in EEI's press release:



Photo Source: Edison Electric Institute

¹³ Also available at: http://en.sasac.gov.cn/2018/06/07/c_98.htm (accessed May 11, 2020).

¹⁴ See: <http://en.sasac.gov.cn/aboutus.html> (accessed May 11, 2020).

¹⁵ Also available at: <http://english.cec.org.cn/No.105.1619.htm> (accessed May 10, 2020).

¹⁶ See: <http://english.cec.org.cn/No.86.index.htm> (accessed May 11, 2020).

¹⁷ Also available at:

<https://www.eei.org/resourcesandmedia/energynews/Pages/EEI%20and%20China%20Electricity%20Council%20Sign%20MOU.aspx> (accessed May 10, 2020).

While Edison Electric Institute may be free to have whomever it wishes as members, associates and awardees, it is not in the public interest for an organization with such ties to a foreign adversary, as defined in Executive Order 13920, to intervene in a docket involving issues of U.S. national security.

Motion to Exclude Edison Electric Institute from Intervening in this Docket

For the reasons above, FERC should EXCLUDE Edison Electric Institute from Intervention in this docket due to their membership including a foreign adversary as defined in Executive Order 13920 and their affiliations with entities controlled by a foreign adversary as defined in Executive Order 13920.

Motion to Require Certification for Electric Industry and Trade Association Intervention

For the reasons above, FERC should require that any trade organization or investor owned utility wishing to intervene in this docket certify that it has no affiliation, members, interests or shareholders who are entities or governments that are a foreign adversary as defined in Executive Order 13920.

Respectfully submitted,



Michael Mabee

Attachments: Exhibits A through H

Certification:

I certify that a copy of this document was served on the Electric Reliability Organization (ERO) and Edison Electric Institute (EEI) simultaneously with my filing with the Commission.



Michael Mabee

Exhibit A
To May 13, 2020 Motion
In Docket No. EL20-46-000
Submitted by Michael Mabee



Edison Electric
INSTITUTE

Power by AssociationSM

Members List

U.S. Investor-Owned Electric Companies
International Members
Associate Members

EEl The Edison Electric Institute, is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for about 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. In addition to our U.S. members, EEl has more than 65 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, EEl provides public policy leadership, strategic business intelligence, and essential conferences and forums.

U.S. Energy Companies

AES Corporation	Entergy Corporation	Ohio Valley Electric Corporation
Dayton Power & Light Company	Entergy Arkansas	Oncor
Indianapolis Power & Light Company	Entergy Louisiana	Otter Tail Corporation
Alaska Power & Telephone Company	Entergy Mississippi	Otter Tail Power Company
ALLETE	Entergy New Orleans	PG&E Corporation
Minnesota Power	Entergy Texas	Pacific Gas & Electric Company
Superior Water, Light and Power Company	Energy	Pinnacle West Capital Corporation
Alliant Energy	Eversource Energy	Arizona Public Service Company
Ameren Corporation	Exelon Corporation	PNM Resources
Ameren Illinois	Atlantic City Electric	PNM
Ameren Missouri	BGE	TNMP
American Electric Power	ComEd	Portland General Electric
AEP Ohio	Delmarva Power	PPL Corporation
AEP Texas	PECO	PPL Electric Utilities
Appalachian Power Company	Pepco	LG&E and KU Energy
Indiana Michigan Company	FirstEnergy Corp.	Public Service Enterprise Group
Kentucky Power Company	The Illuminating Company	Public Service Electric & Gas Company
Public Service Company of Oklahoma	Jersey Central Power & Light	PSEG Long Island
Southwestern Electric Power Company	Met-Ed	Puget Sound Energy
American Transmission Company	Mon Power	San Diego Gas & Electric Company
AVANGRID	Ohio Edison	Sharyland Utilities
Central Maine Power	Penelec	Southern Company
New York State Electric & Gas	Penn Power	Alabama Power Company
Rochester Gas & Electric	Potomac Edison	Georgia Power Company
The United Illuminating Company	Toledo Edison	Mississippi Power Company
Avista Corporation	West Penn Power	Tampa Electric an Emera Company
Avista Utilities	Florida Public Utilities	Tennessee Valley Authority – <i>EEl Strategic Partner</i>
Alaska Electric Light and Power Company	Green Mountain Power	UGI Corporation
Berkshire Hathaway Energy	Hawaiian Electric Industries	UGI Utilities
MidAmerican Energy Company	Hawaiian Electric Company	Unitil Corporation
NV Energy	Hawaii Electric Light Company	UNS Energy Corporation
PacificCorp	Maui Electric Company	Tucson Electric Power
Pacific Power	IDACORP	UniSource Energy Services
Rocky Mountain Power	Idaho Power	Upper Peninsula Power Company
Black Hills Corporation	ITC Holdings Corp.	Vermont Electric Power Company
Black Hills Energy	ITC Great Plains	WEC Energy Group
CenterPoint Energy	ITC Michigan	We Energies
Vectren	ITC Midwest	Wisconsin Public Service
Central Hudson Gas & Electric Corp.	Liberty Utilities	Upper Michigan Energy Resources
Cleco Corporate Holdings	Empire District	Xcel Energy
CMS Energy	MDU Resources Group	
Consumers Energy	Montana-Dakota Utilities Company	
Consolidated Edison	MGE Energy	
Consolidated Edison Company of New York	Madison Gas and Electric Company	
Orange and Rockland Utilities	Mt. Carmel Public Utility Company	
Cross Texas Transmission	National Grid	
Dominion Energy	NextEra Energy	
DTE Energy	Florida Power & Light Company	
Duke Energy	Gulf Power	
Duquesne Light Company	NISource	
Edison International	Northern Indiana Public Service Company	
Southern California Edison	NorthWestern Energy	
El Paso Electric	OGE Energy Corporation	
	Oklahoma Gas & Electric Company	

International Members

AES Corporation
Alectra - Canada
Altalink - Canada
APR Energy - United States
ATCO Electric - Canada
Bahamas Power and Light - Bahamas
Belize Electricity - Belize
Bermuda Electric Light (BELCO) - Bermuda
Brookfield Renewables - Canada
Capital Power Corp. - Canada
Chubu Electric Power - Japan
Compagnie Ivoirienne d'Electricité (CIE) - Ivory Coast
Companhia Energetica de Minas Gerais (CEMIG) - Brazil
EDF - France
EDP - Portugal
Electricity Supply Board - Ireland
Emera, Inc. - Canada
Barbados Light & Power - Barbados
Dominica Electricity Services Ltd. - Island of Dominica
Nova Scotia Power Inc. - Canada
St. Lucia Electricity Services (LUCELEC) - West Indies
Endeavour Energy - Australia
Enel - Italy
ENGIE - France
ENMAX - Canada
Entegrus Powerlines - Canada
Electricity Generation Company Malawi - Malawi
Fortis, Inc. - Canada
Caribbean Utilities - Cayman Islands
FortisAlberta - Canada
FortisBC Electric - Canada
Maritime Electric - Canada
Gulf Cooperation Council Interconnection Authority (GCCIA) - Saudi Arabia
Guyana Power and Light – Guyana
Hydro One - Canada
Hydro Ottawa - Canada
Hydro-Québec - Canada
Iberdrola - Spain
Jemena - Australia
J-Power - Japan
Kansai Electric Power - Japan
Korea Electric Power (KEPCO) - Korea
Manitoba Hydro - Canada
National Grid - United Kingdom
Ontario Power Generation (OPG) - Canada
Orion New Zealand Ltd. - New Zealand
PGE Polska Grupa Energetyczna S.A. - Poland
Power Assets Holdings - Hong Kong
Powerco Ltd. - New Zealand
SaskPower - Canada
St. Vincent Electricity Services (VINLEC) - West Indies
State Grid Corporation of China (SGCC) - China
TasNetworks - Australia
Tohoku Electric Power - Japan
Tokyo Electric Power (TEPCO) - Japan
Toronto Hydro - Canada
Transpower New Zealand Ltd. - New Zealand
UK Power Networks - United Kingdom
Unison Networks Ltd. - New Zealand
Vector Ltd. - New Zealand
Wellington Electricity - New Zealand

Associates

Power-Plus Members

Black & Veatch
General Electric
Guidehouse
Oracle
PowerPlan
Quanta Services

Power Members

Aclara
Deloitte
EY
Google
Pike Electric
Troutman Sanders
Uplight
Uptake
Urbint
Utilities International

Associate Members

ABB Inc.
Accenture
AccuWeather Enterprise Solutions
Aclara
Advanced Microgrid Solutions
Adventech, LLC
AECOM
AEGIS Insurance Services, Inc
Aggreko
Akin Gump Strauss Hauer & Feld, LLP
Allan Briteway Electrical Utility Contractors, Inc.
Alston & Bird LLP
Altec Inc.
American Water
American Wholesale Lighting
American Wind Energy Association
Amprical
Anixter Inc.
Anterix
Aon Global Power
APTIM
ARCOS LLC
Ardmore Roderick
Asplundh
Atlantica Yield
Atwell, LLC
AutoGrid Systems
Axio
Babcock & Wilcox Company, The
Bain & Company, Inc
Baker Botts L.L.P.
Balch & Bingham LLP
Bidgely
Black & Veatch
Bosch Security and Safety Systems
Boston Consulting Group, The
Bracewell LLP
Bright Investments, LLC
Bruce & Merrilees Electric Co
Burns & McDonnell Engineering Co. Inc.

Carmen L Gentile, PLLC
Caterpillar Inc.
CBRE Clarion Securities
Chapman and Cutler LLP
Charles River Associates
Choate, Hall & Stewart LLP
Citi
CohnReznick
Commonwealth Associates, Inc.
Concentric Energy Advisors, Inc.
Corfinance International Limited
Crowell & Moring LLP
CS Week
Cupertino Electric, Inc.
CyberCon Power & Utilities Cybersecurity Conference
D&D Power Inc
Danella Companies, Inc
Darcy Partners
David Evans and Associates
Davis H. Elliot Company, Inc.
Davis Wright Tremaine LLP
Day Pitney LLP
Deloitte
Disaster Resource Group
Distributed Energy Financial Group
DNV GL Energy Services USA
Dorsey & Whitney LLP
E Source
Eaton Corporation
e-Hazard.com
EHS Partners, LLC
Electric Conduit Construction
Electrical Consultants, Inc.
EN Engineering, LLC
Enchanted Rock LLC
Energy Management Collaborative (EMC)
EnergyHub Inc
Environmental Consultants, Inc.
Ephektiv
EQ by Equiniti
Essential Utilities
ESTA International, LLC
EVBox
Evercore
Eversheds Sutherland
EY
Faegre Baker Daniels, LLP
FDH Infrastructure Services, LLC
Ferreira Power West
First Solar, Inc.
Flagger Force Traffic Control Services
Fortress Information Security
Frost Brown Todd LLC
FTI Consulting, Inc.
Gap International
General Electric
Gibson Dunn & Crutcher
Google
Grid Capital Advisors
Guidehouse

Associate Members (cont'd)

HDR
Heidrick & Struggles
Hemma Lighting Solutions
Henkels & McCoy Group
Hogan Lovells US LLP
Holland & Knight LLP
Hunton Andrews Kurth LLP
Huron Consulting Group
IBM Corp
ICF
IHS Global Inc.
IMCORP
Infratech Corporation
Innogy Consulting Americas
International Technology and Trade Associates, Inc. (ITTA)
ISC2, Inc.
ITRON, Inc.
Japan Electric Power Information Center, USA
Jenner & Block LLP
Jones Day
K&L Gates LLP
Kiewit Corporation
Kinetics Consulting LLC
KORE Power
KPMG LLP
Landis+Gyr Inc.
Latham & Watkins
Leidos
Lignite Energy Council
Lindsey Manufacturing Co.
Loeb & Loeb LLP
Logisticus Group
Lucasys
Lytx
M&S Engineering, LLC
Magesco, Inc.
MaintenX International
Marison Energy Systems
maslansky + partners
MasTec Transmission - Substation Group
McCarter & English, LLP
McGuireWoods LLP
McKinsey & Co
Michael Best & Friedrich LLP
MICHELS Corporation
Microsoft Corporation
Midwest Energy Efficiency Alliance
Midwest Energy Emissions Corp
Milbank, Tweed, Hadley & McCloy LLP
Miller & Chevalier Chartered
Milwaukee Tool
Mitsubishi Electric Power Products, Inc.
Mitsubishi Hitachi Power Systems Americas, Inc.
Modus Strategic Solutions
Moelis & Company
Moran Environmental Recovery, LLC
Morgan, Lewis & Bockius LLP
Mortenson Construction
MOSAIC
Munger, Tolles & Olson LLP

MYR Group Inc
New Context Services
Novinium
Nuclear Electric Insurance Limited
Oliver Wyman
OMICRON electronics Corp. USA
Oracle Corporation
Orbital Engineering
Osborn Maledon P.A.
Osmose Utilities Services, Inc.
Pace Global
Parker Poe Adams & Bernstein, LLP
Peak Load Management Alliance
Pegasus Global Holdings, Inc.
Perkins Coie LLP
Pierce Atwood LLP
Pike Electric, LLC
Pillsbury Winthrop Shaw Pittman LLP
PLH Group, Inc.
POWER Engineers, Inc.
PowerAdvocate, Inc.
PowerGrid Services, Collective Storm Response
PowerPlan, Inc.
PwC
Quanta Services
Quarles & Brady LLP
Recurrent Energy
Reed Smith LLP
Regulated Capital Consultants
Rexel Energy Solutions
RHR International LLP
Roland Berger, LLC
S&C Electric Company
Sagewell, Inc.
Sargent & Lundy, LLC
Schiff Hardin LLP
Schneider Electric
Schweitzer Engineering Laboratories, Inc. (SEL)
ScottMadden, Inc.
Sensus
Sentient Energy
Sharper Shape Inc
Shelton Group
Sidley Austin LLP
Siemens Energy, Inc.
Sierra Nevada Corporation
Skadden, Arps, Slate, Meagher & Flom LLP
Smart Electric Power Alliance
Sparks Energy Inc.
SPE Utility Contractors
Spencer Stuart
SSP Innovations
Stanley Consultants, Inc.
Stantec Consulting Services, Inc.
Stem, Inc.
Steptoe & Johnson, LLP
Sterling Site Access Solutions, LLC
Stikeman Elliott LLP
Stinson LLP
Stoll Keenon Ogden PLLC
Storm Services, LLC
Strategic Cyber Holdings (CyberGym NYC)

Taft Stettinius & Hollister LLP
Technical Consumer Products
Tempest Energy, LLC
Tenaska Marketing Ventures
Terex Utilities
Terra Drone Corporation
Terracon
The Desoto Group
TPC Training
Transventure Energy
TRC Companies
Trilliant
Trinity Cyber, Inc.
Troutman Sanders LLP
Ulteig
United States Energy Association
Uplight
Uptake
Urbint
USIC
Utegration
UtiliCon Solutions, Ltd.
Utilities International, Inc.
Utilegent LLC
Van Ness Feldman, LLP
Vestas - American Wind Technology
Veteran Power, Inc.
Viking Mat Company
Vinson & Elkins LLP
Virtuoso Sourcing Group, LLC
Volkert, Inc.
Wartsila North America, Inc.
Waste Management, Inc.
West Monroe Partners
White & Case LLP
Wilson Construction Co.
Wood
Wright & Talisman, P.C.



**Edison Electric
INSTITUTE**

February 2020

Exhibit B
To May 13, 2020 Motion
In Docket No. EL20-46-000
Submitted by Michael Mabee



Edison Electric
INSTITUTE

Power by AssociationSM

Members List

U.S. Investor-Owned Electric Companies
International Members
Associate Members

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U.S. Energy Companies

AES Corporation
Dayton Power & Light Company
Indianapolis Power & Light Company
ALLETE
Minnesota Power
Superior Water, Light and Power Company
Alliant Energy
Ameren Corporation
Ameren Illinois
Ameren Missouri
American Electric Power
AEP Ohio
AEP Texas
Appalachian Power Company
Indiana Michigan Company
Kentucky Power Company
Public Service Company of Oklahoma
Southwestern Electric Power Company
American Transmission Company
AVANGRID
Central Maine Power
New York State Electric & Gas
Rochester Gas & Electric
The United Illuminating Company
Avista Corporation
Avista Utilities
Alaska Electric Light and Power Company
Berkshire Hathaway Energy
MidAmerican Energy Company
NV Energy
PacifiCorp
Pacific Power
Rocky Mountain Power
Black Hills Corporation
Black Hills Energy
CenterPoint Energy
Vectren
Central Hudson Gas & Electric Corp.
Cleco Corporate Holdings
CMS Energy
Consumers Energy
Consolidated Edison
Consolidated Edison Company of New York
Orange and Rockland Utilities
Cross Texas Transmission
Dominion Energy
DTE Energy
Duke Energy
Duquesne Light Company
Edison International
Southern California Edison
El Paso Electric
Entergy Corporation
Entergy Arkansas
Entergy Louisiana
Entergy Mississippi
Entergy New Orleans
Entergy Texas
Eversource Energy
Exelon Corporation
Atlantic City Electric
BGE
ComEd
Delmarva Power
PECO
Pepco
FirstEnergy Corp.
The Illuminating Company
Jersey Central Power & Light
Met-Ed
Mon Power
Ohio Edison
Penelec
Penn Power
Potomac Edison
Toledo Edison
West Penn Power
Florida Public Utilities
Green Mountain Power
Hawaiian Electric Industries
Hawaiian Electric Company
Hawaii Electric Light Company
Maui Electric Company
IDACORP
Idaho Power
ITC Holdings Corp.
ITC Great Plains
ITC Michigan
ITC Midwest
Liberty Utilities
Empire District
MDU Resources Group
Montana-Dakota Utilities Company
MGE Energy
Madison Gas and Electric Company
Mt. Carmel Public Utility Company
National Grid
NextEra Energy
Florida Power & Light Company
Gulf Power
NISource
Northern Indiana Public Service Company
NorthWestern Energy
OGE Energy Corporation
Oklahoma Gas & Electric Company
Ohio Valley Electric Corporation
Oncor
Otter Tail Corporation
Otter Tail Power Company
PG&E Corporation
Pacific Gas & Electric Company
Pinnacle West Capital Corporation
Arizona Public Service Company
PNM Resources
PNM
TNMP
Portland General Electric
PPL Corporation
PPL Electric Utilities
LG&E and KU Energy
Public Service Enterprise Group
Public Service Electric & Gas Company
PSEG Long Island
Puget Sound Energy
San Diego Gas & Electric Company
Sharyland Utilities
Southern Company
Alabama Power Company
Georgia Power Company
Mississippi Power Company
Tampa Electric an Emera Company
Tennessee Valley Authority – *EEl Strategic Partner*
UGI Corporation
UGI Utilities
Unitil Corporation
UNS Energy Corporation
Tucson Electric Power
UniSource Energy Services
Upper Peninsula Power Company
Vermont Electric Power Company
WEC Energy Group
We Energies
Wisconsin Public Service
Upper Michigan Energy Resources
Xcel Energy

International Members

AES Corporation
Alectra - Canada
Altalink - Canada
APR Energy - United States
ATCO Electric - Canada
Bahamas Power and Light - Bahamas
Belize Electricity - Belize
Bermuda Electric Light (BELCO) - Bermuda
Brookfield Renewables - Canada
Capital Power Corp. - Canada
China Southern Power Grid Co. - China
Chubu Electric Power - Japan
Compagnie Ivoirienne d'Electricité (CIE) - Ivory Coast
Companhia Energetica de Minas Gerais (CEMIG) - Brazil
EDF - France
EDP - Portugal
Electricity Supply Board - Ireland
Emera, Inc. - Canada
 Barbados Light & Power - Barbados
 Dominica Electricity Services Ltd. - Island of Dominica
 Nova Scotia Power Inc. - Canada
 St. Lucia Electricity Services (LUCELEC) - West Indies
Endeavour Energy - Australia
ENMAX - Canada
Entegrus Powerlines - Canada
Fortis, Inc. - Canada
 Caribbean Utilities - Cayman Islands
 FortisAlberta - Canada
 FortisBC Electric - Canada
 Maritime Electric - Canada
Gulf Cooperation Council Interconnection Authority (GCCIA) - Saudi Arabia
Guyana Power and Light – Guyana
Hydro One - Canada
Hydro Ottawa - Canada
Hydro-Québec - Canada
Iberdrola - Spain
Jemena - Australia
J-Power - Japan
Kansai Electric Power - Japan
Korea Electric Power (KEPCO) - Korea
Manitoba Hydro - Canada
National Grid - United Kingdom
Ontario Power Generation (OPG) - Canada
Orion New Zealand Ltd. - New Zealand
PGE Polska Grupa Energetyczna S.A. - Poland
Power Assets Holdings - Hong Kong
Powerco Ltd. - New Zealand
SaskPower - Canada
St. Vincent Electricity Services (VINLEC) - West Indies
State Grid Corporation of China (SGCC) - China
TasNetworks - Australia
Tohoku Electric Power - Japan
Tokyo Electric Power (TEPCO) - Japan
Toronto Hydro - Canada
Transpower New Zealand Ltd. - New Zealand
UK Power Networks - United Kingdom
Unison Networks Ltd. - New Zealand
Vector Ltd. - New Zealand
Wellington Electricity - New Zealand

Associates

Power-Plus Members

Black & Veatch
General Electric
Guidehouse
Oracle
PowerPlan
Quanta Services

Power Members

Aclara
Deloitte
EY
Google
Pike Electric
Troutman Sanders
Uplight
Uptake
Urbint
Utilities International

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AccuWeather Enterprise Solutions
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Advanced Microgrid Solutions
Adventech, LLC
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AEGIS Insurance Services, Inc
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Akin Gump Strauss Hauer & Feld, LLP
Allan Briteway Electrical Utility Contractors, Inc.
Alston & Bird LLP
Altec Inc.
American Water
American Wholesale Lighting
American Wind Energy Association
Amprical
Anixter Inc.
Anterix
Aon Global Power
APTIM
ARCOS LLC
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Asplundh
Atlantica Yield
Atwell, LLC
AutoGrid Systems
Axio
Babcock & Wilcox Company, The
Bain & Company, Inc
Baker Botts L.L.P.
Balch & Bingham LLP
Bidgely
Black & Veatch
Bosch Security and Safety Systems
Boston Consulting Group, The
Bracewell LLP
Bright Investments, LLC
Bruce & Merrilees Electric Co
Burns & McDonnell Engineering Co. Inc.

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Caterpillar Inc.
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Chapman and Cutler LLP
Charles River Associates
Choate, Hall & Stewart LLP
Citi
CohnReznick
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Concentric Energy Advisors, Inc.
Corfinance International Limited
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CS Week
Cupertino Electric, Inc.
CyberCon Power & Utilities Cybersecurity Conference
D&D Power Inc
Danella Companies, Inc
Darcy Partners
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Disaster Resource Group
Distributed Energy Financial Group
DNV GL Energy Services USA
Dorsey & Whitney LLP
E Source
Eaton Corporation
e-Hazard.com
EHS Partners, LLC
Electric Conduit Construction
Electrical Consultants, Inc.
EN Engineering, LLC
Enchanted Rock LLC
Energy Management Collaborative (EMC)
EnergyHub Inc
Environmental Consultants, Inc.
Ephektiv
EQ by Equiniti
Essential Utilities
ESTA International, LLC
EVBox
Evercore
Eversheds Sutherland
EY
Faegre Baker Daniels, LLP
FDH Infrastructure Services, LLC
Ferreira Power West
First Solar, Inc.
Flagger Force Traffic Control Services
Fortress Information Security
Frost Brown Todd LLC
FTI Consulting, Inc.
Gap International
General Electric
Gibson Dunn & Crutcher
Google
Grid Capital Advisors
Guidehouse

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Heidrick & Struggles
Hemma Lighting Solutions
Henkels & McCoy Group
Hogan Lovells US LLP
Holland & Knight LLP
Hunton Andrews Kurth LLP
Huron Consulting Group
IBM Corp
ICF
IHS Global Inc.
IMCORP
Infratech Corporation
Innogy Consulting Americas
International Technology and Trade Associates, Inc. (ITTA)
ISC2, Inc.
ITRON, Inc.
Japan Electric Power Information Center, USA
Jenner & Block LLP
Jones Day
K&L Gates LLP
Kiewit Corporation
Kinetics Consulting LLC
KORE Power
KPMG LLP
Landis+Gyr Inc.
Latham & Watkins
Leidos
Lignite Energy Council
Lindsey Manufacturing Co.
Loeb & Loeb LLP
Logisticus Group
Lucasys
Lytx
M&S Engineering, LLC
Magesco, Inc.
MaintenX International
Marison Energy Systems
maslansky + partners
MasTec Transmission - Substation Group
McCarter & English, LLP
McGuireWoods LLP
McKinsey & Co
Michael Best & Friedrich LLP
MICHELS Corporation
Microsoft Corporation
Midwest Energy Efficiency Alliance
Midwest Energy Emissions Corp
Milbank, Tweed, Hadley & McCloy LLP
Miller & Chevalier Chartered
Milwaukee Tool
Mitsubishi Electric Power Products, Inc.
Mitsubishi Hitachi Power Systems Americas, Inc.
Modus Strategic Solutions
Moelis & Company
Moran Environmental Recovery, LLC
Morgan, Lewis & Bockius LLP
Mortenson Construction
MOSAIC
Munger, Tolles & Olson LLP

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Novinium
Nuclear Electric Insurance Limited
Oliver Wyman
OMICRON electronics Corp. USA
Oracle Corporation
Orbital Engineering
Osborn Maledon P.A.
Osmose Utilities Services, Inc.
Pace Global
Parker Poe Adams & Bernstein, LLP
Peak Load Management Alliance
Pegasus Global Holdings, Inc.
Perkins Coie LLP
Pierce Atwood LLP
Pike Electric, LLC
Pillsbury Winthrop Shaw Pittman LLP
PLH Group, Inc.
POWER Engineers, Inc.
PowerAdvocate, Inc.
PowerGrid Services, Collective Storm Response
PowerPlan, Inc.
PwC
Quanta Services
Quarles & Brady LLP
Recurrent Energy
Reed Smith LLP
Regulated Capital Consultants
Rexel Energy Solutions
RHR International LLP
Roland Berger, LLC
S&C Electric Company
Sagewell, Inc.
Sargent & Lundy, LLC
Schiff Hardin LLP
Schneider Electric
Schweitzer Engineering Laboratories, Inc. (SEL)
ScottMadden, Inc.
Sensus
Sentient Energy
Sharper Shape Inc
Shelton Group
Sidley Austin LLP
Siemens Energy, Inc.
Sierra Nevada Corporation
Skadden, Arps, Slate, Meagher & Flom LLP
Smart Electric Power Alliance
Sparks Energy Inc.
SPE Utility Contractors
Spencer Stuart
SSP Innovations
Stanley Consultants, Inc.
Stantec Consulting Services, Inc.
Stem, Inc.
Steptoe & Johnson, LLP
Sterling Site Access Solutions, LLC
Stikeman Elliott LLP
Stinson LLP
Stoll Keenon Ogden PLLC
Storm Services, LLC
Strategic Cyber Holdings (CyberGym NYC)

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Tempest Energy, LLC
Tenaska Marketing Ventures
Terex Utilities
Terra Drone Corporation
Terracon
The Desoto Group
TPC Training
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Trilliant
Trinity Cyber, Inc.
Troutman Sanders LLP
Ulteig
United States Energy Association
Uplight
Uptake
Urbint
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Utegration
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Utilegent LLC
Van Ness Feldman, LLP
Vestas - American Wind Technology
Veteran Power, Inc.
Viking Mat Company
Vinson & Elkins LLP
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Volkert, Inc.
Wartsila North America, Inc.
Waste Management, Inc.
West Monroe Partners
White & Case LLP
Wilson Construction Co.
Wood
Wright & Talisman, P.C.



**Edison Electric
INSTITUTE**

February 2020

Exhibit C
To May 13, 2020 Motion
In Docket No. EL20-46-000
Submitted by Michael Mabee



Edison Electric
INSTITUTE

Power by AssociationSM

Members List

U.S. Investor-Owned Electric Companies
International Members
Associate Members

EEl The Edison Electric Institute, is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for about 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. In addition to our U.S. members, EEl has more than 65 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, EEl provides public policy leadership, strategic business intelligence, and essential conferences and forums.

U.S. Energy Companies

AES Corporation	Edison International	NiSource
Dayton Power & Light Company	Southern California Edison	Northern Indiana Public Service Company
Indianapolis Power & Light Company	EI Paso Electric	NorthWestern Energy
ALLETE	Entergy Corporation	OGE Energy Corporation
Minnesota Power	Entergy Arkansas	Oklahoma Gas & Electric Company
Superior Water, Light and Power Company	Entergy Louisiana	Ohio Valley Electric Corporation
Alliant Energy	Entergy Mississippi	Oncor
Ameren Corporation	Entergy New Orleans	Otter Tail Corporation
Ameren Illinois	Entergy Texas	Otter Tail Power Company
Ameren Missouri	Eversource Energy	PG&E Corporation
American Electric Power	Exelon Corporation	Pacific Gas & Electric Company
AEP Ohio	Atlantic City Electric	Pinnacle West Capital Corporation
AEP Texas	Baltimore Gas and Electric Company	Arizona Public Service Company
Appalachian Power Company	ComEd	PNM Resources
Indiana Michigan Company	Delmarva Power	PNM
Kentucky Power Company	PECO	TNMP
Public Service Company of Oklahoma	Pepco	Portland General Electric
Southwestern Electric Power Company	FirstEnergy Corp.	PPL Corporation
American Transmission Company	The Illuminating Company	PPL Electric Utilities
AVANGRID	Jersey Central Power & Light	LG&E and KU Energy
Central Maine Power	Met-Ed	Public Service Enterprise Group
New York State Electric & Gas	Mon Power	Public Service Electric & Gas Company
Rochester Gas & Electric	Ohio Edison	PSEG Long Island
The United Illuminating Company	Penelec	Puget Sound Energy
Avista Corporation	Penn Power	San Diego Gas & Electric Company
Avista Utilities	Potomac Edison	Sharyland Utilities
Alaska Electric Light and Power Company	Toledo Edison	Southern Company
Berkshire Hathaway Energy	West Penn Power	Alabama Power Company
MidAmerican Energy Company	Florida Public Utilities	Georgia Power Company
NV Energy	Green Mountain Power	Mississippi Power Company
PacifiCorp	Hawaiian Electric Industries	Tampa Electric an Emera Company
Pacific Power	Hawaiian Electric Company	Tennessee Valley Authority – <i>EEl Strategic Partner</i>
Rocky Mountain Power	Hawaii Electric Light Company	UGI Corporation
Black Hills Corporation	Maui Electric Company	UGI Utilities
Black Hills Energy	IDACORP	Unitil Corporation
CenterPoint Energy	Idaho Power	UNS Energy Corporation
Central Hudson Gas & Electric Corp.	ITC Holdings Corp.	Tucson Electric Power
Cleco Corporate Holdings	ITC Great Plains	UniSource Energy Services
Cleco Power	ITC Michigan	Upper Peninsula Power Company
CMS Energy	ITC Midwest	Vermont Electric Power Company
Consumers Energy	Liberty Utilities	WEC Energy Group
Consolidated Edison	Empire District	We Energies
Consolidated Edison Company of New York	MDU Resources Group	Wisconsin Public Service
Orange and Rockland Utilities	Montana-Dakota Utilities Company	Upper Michigan Energy Resources
Rockland Electric Company	MGE Energy	Xcel Energy
Cross Texas Transmission	Madison Gas and Electric Company	
Dominion Energy	Mt. Carmel Public Utility Company	
Dominion Energy Virginia	National Grid	
Dominion Energy North Carolina	NextEra Energy	
South Carolina Electric & Gas	Florida Power & Light Company	
DTE Energy	Gulf Power	
Duke Energy		
Duquesne Light Company		

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Altalink - Canada
APR Energy - United States
ATCO Electric - Canada
Barbados Light & Power - Barbados
Belize Electricity - Belize
Bermuda Electric Light (BELCO) - Bermuda
Brookfield Renewables - Canada
Capital Power Corp. - Canada
CEMIG - Brazil
CESC Ltd. - India
China Southern Power Grid Co. - China
Chubu Electric Power - Japan
Comisión Federal de Electricidad (CFE) - Mexico
Compagnie Ivoirienne d'Electricité (CIE) - Ivory Coast
EDF - France
EDP - Portugal
EGE Haina - Dominican Republic
Emera, Inc. - Canada
 Barbados Light & Power - Barbados
 Nova Scotia Power Inc. - Canada
 Dominica Electricity Services Ltd. - Island of Dominica
 St. Lucia Electricity Services (LUCELEC) - West Indies
Energy Queensland - Australia
ENMAX - Canada
Entegrus Powerlines - Canada
ESB - Ireland
Fortis, Inc. - Canada
 Caribbean Utilities - Cayman Islands
 Eastern Canada - Canada
 FortisAlberta - Canada
 FortisBC Electric - Canada
 Maritime Electric - Canada
 Newfoundland Power - Canada
Gulf Cooperation Council Interconnection Authority (GCCIA) - Saudi Arabia
Hydro One - Canada
Hydro Ottawa - Canada
Hydro-Québec - Canada
Iberdrola - Spain
Irbid District Electricity (IDECO) - Jordan
J-Power - Japan
Jemena - Australia
Kansai Electric Power - Japan
Korea Electric Power (KEPCO) - Korea
National Grid - United Kingdom
Ontario Power Generation (OPG) - Canada
Orion New Zealand Ltd. - New Zealand
Power Assets Holdings - Hong Kong
Powerco Ltd. - New Zealand
SA Power Networks - Australia
SaskPower - Canada
St. Lucia Electricity Services (LUCELEC) - West Indies
St. Vincent Electricity Services (VINLEC) - West Indies
State Grid Corporation of China (SGCC) - China

TasNetworks - Australia
Tohoku Electric Power - Japan
Tokyo Electric Power (TEPCO) - Japan
Toronto Hydro - Canada
TransAlta - Canada
Transpower New Zealand Ltd. - New Zealand
UK Power Networks - United Kingdom
Unison Networks Ltd. - New Zealand
Vector Ltd. - New Zealand
Wellington Electricity - New Zealand

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Oracle Utilities
PowerPlan Inc.
Quanta Services

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Google
Mitsubishi Electric Power Products, Inc.
Pike Electric
Regulated Capital Consultants
Troutman Sanders LLP
Uptake
Utilities International

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Aclara
Advanced Microgrid Solutions
AECOM
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Akin Gump Strauss Hauer & Feld, LLP
Alston & Bird LLP
Altec Inc.
American Water
American Wholesale Lighting
American Wind Energy Association
Anixter Inc.
Aon Global Power
APTIM
ARCOS LLC
Asplundh Brush Control Co
Atwell, LLC
AutoGrid Systems
Babcock & Wilcox Company, The
Bain & Company, Inc
Baker Botts L.L.P.
BakerHostetler
Balch & Bingham LLP
Bidgely
Black & Veatch

Bosch Security and Safety Systems
Bracewell LLP
Bright Investments, LLC
Burns & McDonnell Engineering Co. Inc.
Caterpillar Inc.
CBRE Clarion Securities
Chapman and Cutler LLP
Charles River Associates
Choate, Hall & Stewart LLP
Citi
Commonwealth Associates, Inc.
Concentric Energy Advisors, Inc.
Contour Global Management INC.
Corfinance International Limited
Crowell & Moring LLP
Cupertino Electric, Inc.
Davis Wright Tremaine LLP
Deloitte Services LP
Disaster Resource Group
Distributed Energy Financial Group
DNV GL Energy Services USA
Dorsey & Whitney LLP
E Source
Eaton Corporation
e-Hazard.com
EHS Partners, LLC
Electrical Consultants, Inc.
EN Engineering, LLC
Enchanted Rock LLC
Energy Management Collaborative (EMC)
EnergyHub Inc
Enovation Partners, LLC
Environmental Consultants, Inc.
Ephektiv
ERM
ESTA International, LLC
Evercore
EY
Faegre Baker Daniels, LLP
FDH Infrastructure Services, LLC
Ferreira Power West
First Solar, Inc.
Flagger Force Traffic Control Services
FTI Consulting, Inc.
General Electric
Geometric Strategies
Gibson Dunn & Crutcher
HDR, Inc.
Heidrick & Struggles
Henkels & McCoy Group
Holland & Knight LLP
Hunton Andrews Kurth LLP
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IMCORP
Infratech Corporation
Innogy Consulting Americas
International Technology and Trade Associates, Inc. (ITTA)

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Jones Day
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Kinetics Consulting LLC
KPMG LLP
Landis+Gyr Inc.
Latham & Watkins
Leidos
Lignite Energy Council
Lindsey Manufacturing Co.
Loeb & Loeb LLP
Logisticus Group
Lucasys
M&S Engineering, LLC
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Michael Best & Friedrich LLP
MICHELS Corporation
Microsoft Corporation
Midwest Energy Efficiency Alliance
Midwest Energy Emissions Corp
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Milwaukee Tool
Mitsubishi Electric Power Products, Inc.
Mitsubishi Hitachi Power Systems Americas, Inc.
Moelis & Company
Moran Environmental Recovery, LLC
Morgan, Lewis & Bockius LLP
Mortenson Construction
MOSAIC
Motive Power Inc.
Munger, Tolles & Olson LLP
MYR Group Inc
Navigant Consulting, Inc.
Novar
Novinium
Nuclear Electric Insurance Limited
Oliver Wyman
OMICRON electronics Corp. USA
Oracle Corporation
Orbital Engineering
Osborn Maledon P.A.
Osmose Utilities Services, Inc.
Pace Global
Parker Poe Adams & Bernstein, LLP
Peak Load Management Alliance
Pegasus Global Holdings, Inc.
Perkins Coie LLP
Pike Electric, LLC
Pike Engineering, LLC
Pillsbury Winthrop Shaw Pittman LLP
PLH Group, Inc.
POWER Engineers, Inc.

PowerAdvocate, Inc.
PowerGrid Services, Collective Storm Response
PowerPlan, Inc.
Preng & Associates
PricewaterhouseCoopers LLP
Quanta Services
Quarles & Brady LLP
Recurrent Energy
Reed Smith LLP
Regulated Capital Consultants
RHR International LLP
Russell Reynolds Associates, Inc.
S&C Electric Company
Sagewell, Inc.
Sargent & Lundy, LLC
Saulsbury Industries
Schiff Hardin LLP
Schneider Electric
Schweitzer Engineering Laboratories, Inc. (SEL)
ScottMadden, Inc.
Sensus
Sharper Shape Inc
Shelton Group
Sidley Austin LLP
Siemens Energy, Inc.
Skadden, Arps, Slate, Meagher & Flom LLP
Smart Electric Power Alliance
SoftSmiths, Inc
SPE Utility Contractors
Spencer Stuart
Stanley Consultants, Inc.
Stantec Consulting Services, Inc.
Stem, Inc.
Steptoe & Johnson, LLP
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Stikeman Elliott LLP
Stinson Leonard Street LLP
Stoll Keenon Ogden PLLC
Storm Services, LLC
Taft Stettinius & Hollister LLP
Tenaska Marketing Ventures
Tendril
Terracon
The Desoto Group
The Faraday Grid
Transventure Energy
Trilliant Networks Inc.
Troutman Sanders LLP
Ulteig
United States Energy Association
Uptake
Utegration
UtiliCon Solutions, Ltd.
Utilities International, Inc.
Van Ness Feldman, LLP
Veteran Power, Inc.
Vinson & Elkins LLP
Virtuoso Sourcing Group, LLC
Wartsila North America, Inc.
Waste Management, Inc.
Water Integrated Treatment Systems, LLC

West Monroe Partners
White & Case LLP
Wilson Construction Co
Winston & Strawn LLP
Witt OBriens LLC
Wood
Wright & Talisman, P.C.



Exhibit D
To May 13, 2020 Motion
In Docket No. EL20-46-000
Submitted by Michael Mabee



Edison Electric
INSTITUTE

Power by AssociationSM

Members List

U.S. Investor-Owned Electric Companies
International Members
Associate Members

EEI is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for 220 million Americans, operate in all 50 states and the District of Columbia, and directly employ more than 500,000 workers. With more than \$90 billion in annual capital expenditures, the electric power industry is responsible for millions of additional jobs. Reliable, affordable, and sustainable electricity powers the economy and enhances the lives of all Americans. Organized in 1933, EEI provides public policy leadership, strategic business intelligence, and essential conferences and forums.

U.S. Investor-Owned Utilities

AES Corporation	Edison International	NorthWestern Energy
Dayton Power & Light Company	Southern California Edison	OGE Energy Corporation
Indianapolis Power & Light Company	El Paso Electric Company	Oklahoma Gas & Electric Company
ALLETE	Emera Maine	Ohio Valley Electric Corporation
Minnesota Power	Empire District Electric Company	Otter Tail Corporation
Superior Water, Light and Power Company	Energy Future Holdings Corporation	Otter Tail Power Company
Alliant Energy Corporation	Oncor	Pepco Holdings
Ameren Corporation	Entergy Corporation	Pepco
Ameren Illinois	Entergy Arkansas	Atlantic City Electric
Ameren Missouri	Entergy Louisiana	Delmarva Power
American Electric Power	Entergy Mississippi	PG&E Corporation
AEP Ohio	Entergy New Orleans	Pacific Gas & Electric Company
AEP Texas	Entergy Texas	Pinnacle West Capital Corporation
Appalachian Power	Eversource Energy	Arizona Public Service Company
Indiana Michigan Power	Exelon Corporation	PNM Resources
Kentucky Power	Baltimore Gas & Electric Company	PNM
Public Service Company of Oklahoma	Commonwealth Edison Company	TNMP
Southwestern Electric Power Company	PECO Energy Company	Portland General Electric
American Transmission Company	FirstEnergy Corporation	PPL Corporation
AVANGRID	The Illuminating Company	PPL Electric Utilities Corporation
Central Maine Power Company	Jersey Central Power & Light	LG&E and KU
New York State Electric & Gas Corporation	Met-Ed	Public Service Enterprise Group
Rochester Gas & Electric Corporation	Mon Power	Public Service Electric and Gas Company
The United Illuminating Company	Ohio Edison	PSEG Long Island
Avista Corporation	Penelec	Puget Sound Energy
Avista Utilities	Penn Power	SCANA Corporation
Alaska Electric Light and Power Company	Potomac Edison	South Carolina Electric & Gas
Berkshire Hathaway Energy	Toledo Edison	Sharyland Utilities
MidAmerican Energy Company	West Penn Power	Southern Company
NV Energy	Florida Public Utilities Company	Alabama Power Company
PacifiCorp	Great Plains Energy	Georgia Power Company
Pacific Power	Kansas City Power & Light Company	Gulf Power Company
Rocky Mountain Power	Green Mountain Power Corporation	Mississippi Power Company
Black Hills Corporation	Hawaiian Electric Industries	Talen Energy
Black Hills Energy	Hawaiian Electric Company	TECO Energy
CenterPoint Energy	Hawaii Electric Light Company	Tampa Electric
Central Hudson Gas & Electric Corporation	Maui Electric Company	Tennessee Valley Authority – EEI Strategic Partner
Cleco Corporation	IDACORP	UGI Corporation
Cleco Power	Idaho Power Company	UGI Utilities
CMS Energy Corporation	InfraREIT	Unitil Corporation
Consumers Energy	ITC Holdings Corporation	UNS Energy Corporation
Consolidated Edison	ITC Great Plains	Tucson Electric Power
Consolidated Edison Company of New York	ITC Michigan	UniSource Energy Services
Orange and Rockland Utilities	ITC Midwest	Upper Peninsula Power Company
Pike County Light & Power Company	Liberty Utilities	Vectren Corporation
Rockland Electric Company	MDU Resources Group	Vectren South
Cross Texas Transmission	Montana-Dakota Utilities Company	Vermont Electric Power Company
Dominion	MGE Energy	WEC Energy Group
Dominion Virginia Power	Madison Gas and Electric Company	We Energies
Dominion North Carolina Power	Mt. Carmel Public Utility Company	Wisconsin Public Service Corporation
DTE Energy Company	National Grid	Westar Energy
Duke Energy Corporation	NextEra Energy	Xcel Energy
Duquesne Light Holdings	Florida Power & Light Company	
Duquesne Light Company	NiSource	
	Northern Indiana Public Service Company	

International Members

AES Corporation
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ATCO Electric – Canada
ATCO Power – Canada
Bahamas Electricity Corporation – Bahamas
Belize Electricity Ltd – Belize
Bermuda Electric Light Co., Ltd. – Bermuda
Brookfield Renewable Power Inc. (*formerly Brascan Power*) – Canada
Calcutta Electric Supply Corporation - India
Capital Power Corporation – Canada
Caribbean Utilities Company, Ltd. – Cayman Islands, British West Indies
CEMIG - Brazil
Chubu Electric Power Co., Inc. – Japan
Comisión Federal de Electricidad (CFE) – Mexico
EDF, S.A.. – France
Electricity Generating Company Haina, SA – Dominican Republic
Emera Inc. - Canada
Energias de Portugal (EdP) – Portugal
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Entegrus Powerlines
Ergon Energy - Australia
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Fortis BC – Canada
Fortis Ontario - Canada
Fortis TCI – Turks & Caicos
Hydro One – Canada
Hydro Ottawa – Canada
Hydro-Quebec – Canada
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Jamaica Public Service Company – Jamaica
J-Power – Japan
Jemena – Australia
Kansai Electric Power Co., Inc. – Japan
Korea Electric Power Corporation – Korea
Korea Southern Power Co., Ltd. – Korea
Maritime Electric – Canada
National Grid plc – England
Newfoundland Power – Canada
Nova Scotia Power Inc. – Canada
Ontario Power Generation – Canada
Powerco Ltd. – New Zealand
Red Electrica – Spain
SaskPower – Canada
SA Power Networks – Australia
St. Lucia Electricity Services, Ltd. (LUCELEC) – St. Lucia, West Indies
St. Vincent Electricity Services, Ltd. (VINLEC) – St. Vincent & The Grenadines
State Grid Corporation of China – China
Tohoku Electric Power Co., Inc. – Japan
Tokyo Electric Power Co., Inc. – Japan
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TransCanada – Canada
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Wellington Electricity Lines – New Zealand

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Altran North America
Amec Foster Wheeler
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American Stock Transfer & Trust Company, LLC
American Water
American Wind Energy Association (AWEA)
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Autodesk, Inc.
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Bracewell & Giuliani LLP
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Burns & McDonnell Engineering Co. Inc.

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CBRE Clarion Securities

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Davies Consulting LLC
Davis Wright Tremaine LLP
Day & Zimmerman
Day Pitney LLP
DDC Advocacy
Deloitte LLP
Dentons US LLP
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Disaster Resource Group
DNV GL Energy Services
Doble Engineering Company
Dorsey & Whitney LLP
Duane Morris LLP
DuPont Sustainable Solutions

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Electrical Consultants, Inc.
Elster Solutions, LLC
EMC, LLC
EN Engineering, LLC
EnergySavvy
EnerNOC, Inc.
Enovation Partners, LLC
Enphase Energy, Inc.
Environmental Consultants, Inc.
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ERM
Esri, Inc.
Evercore

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HD Supply
HDR, Inc.
Heidrick & Struggles
Henkels & McCoy, Inc.
HiLine Nation LLC
Hogan Lovells US LLP
Holland & Knight LLP
Houlihan Lokey
HP Enterprise Services, Inc.
Hunton & Williams LLP
Husch Blackwell LLP

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ICF International
IHS Global Inc.
IMCORP
Information Services Group, Inc. (ISG)
Infosys Technologies Ltd.
Infratech Corporation
Innovari
International Technology and Trade Associates
Internet Security Alliance
InVizion LLC
ITRON, Inc.

Japan Electric Power Information Center, Inc.
(JEPIC)

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KBR Power & Industrial
Kiewit Corporation
Kleinfelder, Inc.
KPMG LLP

Landis+Gyr Inc.
Lignite Energy Council
Lindsey Manufacturing Co.
Lockheed Martin Corporation
Loeb & Loeb LLP

MacLean Power Systems
MADA Power, LLC
MasTec Transmission – Substation Group
Matrix NAC
McCarter & English, LLP
McGuireWoods LLP
McKinney Drilling Company
McKinsey & Company
Merjent Inc.
Michael Best & Friedrich LLP
Michels Corporation
Microsoft Corporation

Midwest Energy Efficiency Alliance
Milbank, Tweed, Hadley & McCloy LLP
Milwaukee Tool
Mitsubishi Electric Power Products, Inc.
Mitsubishi Heavy Industries America
Mitsubishi Hitachi Power Systems Americas, Inc.
Moelis & Company
Moran Environmental Recovery, LLC
Morgan, Lewis & Bockius LLP
Mosaic
Motive Power Inc.
Motorola Utility Solutions
MYR Group Inc.

Natural Resource Group, LLC
Nexans High Voltage USA Inc.
Normandeau Associates, Inc.
Novar
Nuclear Electric Insurance Limited

Odyne Systems, LLC
Oliver Wyman
OMICRON electronics Corp. USA
OPower, Inc.
Osmose Utilities Services, Inc.

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Pegasus Global Holdings, Inc.
Perkins Coie LLP
Philips Lighting Co.
Pike Corporation
Pillsbury Winthrop Shaw Pittman LLP
PLH Group, Inc.
Power Corporation of America
POWER Engineers, Inc.
PowerPlan, Inc.
PricewaterhouseCoopers LLP
Protiviti, Inc.
Prysmian Communications Cables and Systems
USA

Quanta Services

Radian Research, Inc.
Regional Economic Models Inc.
Regulated Capital Consultants
RES Americas Inc.
Resource Action Programs
RHR International LLP
Robin M. Nuschler, Esq. / Proprietor
Russell Reynolds Associates, Inc.

SafeTec Compliance Systems
Sargent & Lundy, LLC
Saulsbury Industries
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Schneider Electric
Schweitzer Engineering Labs (SEL)
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Sensus
SEPCon, Inc.

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Silver Spring Networks, Inc.
Skadden, Arps, Slate, Meagher & Flom LLP
SNC-Lavalin Inc.
Snell & Wilmer L.L.P.
Solar Electric Power Association (SEPA)
Spencer Stuart
SPIDA Software LLC
Stanley Consultants, Inc.
Stantec Consulting Services, Inc.
Stem, Inc.
Step toe & Johnson, LLP
Sterling Group
Stikeman Elliott LLP
Stinson Leonard Street LLP
Stoll Keenon Ogden PLLC
Strategy&
Structure
SWCA Environmental Consultants

Taft Stettinius & Hollister LLP
Tata Consultancy Services
Tecnicas Reunidas, S.A.
TEKsystems
Tenaska Marketing Ventures
Tenaska Power Services Co.
Terex Utilities
TerraForm Power
TestAmerica Laboratories, Inc.
Townsend Corporation, The
Trilliant, Inc.

UC Synergetic, Inc.
United States Energy Association (USEA)
Unmanned Experts Inc.
UtiliCon Solutions, Limited
Valmont Industries, Inc.
Van Ness Feldman, LLP
Varentec, Inc.
VIA Motors, Inc.
ViaSat, Inc.

Wartsila North America, Inc.
Waste Management, Inc.
Waterfall Security Solutions
WESCO Distribution Inc.
West Corporation
White & Case LLP
Wilson Construction Co.
Winston & Strawn LLP
Womble Carlyle Sandridge & Rice, LLP
Wright & Talisman, P.C.

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STATE GRID CORPORATION OF CHINA WINS EEI'S 2018 INTERNATIONAL EDISON AWARD

SAN DIEGO (June 6, 2018) – State Grid Corporation of China (SGCC) today received the Edison Electric Institute's (EEI's) 2018 International Edison Award, the U.S. electric power industry's most prestigious honor. A panel of former energy company chief executives selected SGCC for the annual award from a group of distinguished finalists.

A robust, integrated, and flexible charging network is essential for electric vehicle (EV) growth and deployment in China. SGCC developed the Smart Internet of Vehicles EV Charging Network, which allows the company to expand its EV capacity. In the process, SGCC overcame significant barriers to success, including a lack of standards for manufacturers, to build the largest EV charging network in the world.

"State Grid Corporation of China's exemplary effort to build smarter energy infrastructure that supports the expansion of electric vehicles demonstrates our industry's commitment to customers and to accelerating transportation electrification throughout the world," said EEI President Tom Kuhn. "The reduction of transportation pollution is a global challenge, and the electric power industry is taking significant steps to reduce greenhouse gas emissions throughout the world by building the charging infrastructure that is needed to advance electric vehicle adoption."

SGCC has established, maintained, and continuously expanded the world's largest EV charging network and EV service platform. It has constructed 6,286 stations (last updated April 2018) and 56,000 charging piles throughout China. The "9 East-West Highways, 9 North-South Highways, 2 Beltways" covers almost 20,000 miles (last updated April 2018) of distance in more than 150 cities. The EV charging platform also has enabled access of 183,000 charging pile (last updated April 2018) from other service operators, which effectively promotes the reliability of EV charging as well as the development of the EV industry in China.

"Congratulations to the SGCC team for winning the 2018 International Edison Award," said Kuhn.

Media Contact

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EEI is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for more than 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. In addition to our U.S. members, EEI has more than 65 international electric companies, with operations in more than 90 countries, as International Members, and hundreds of industry suppliers and related organizations as Associate Members.

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SGCC wins the 2018 International Edison Award

Updated: 2018-06-07

The Edison Electric Institute, an association representing all the investor-owned electric companies in the United States, recently announced that State Grid Corporation of China (SGCC) won the 2018 International Edison Award for its exemplary effort of building a smart energy infrastructure that supports the expansion of the electric vehicle industry.



State Grid Corporation of China (SGCC) wins the 2018 International Edison Award on June 6. [Photo/sasac.gov.cn]

State Grid is the first Chinese company in the sector to receive the most prestigious honor in the US electric power industry.

It has developed a Smart Internet of Electric Vehicles Charging Network, the largest EV charging network in the world, which reflects SGCC's development goal of becoming a top world energy internet company, and also showcases the company's growing international influence.

As of April, the company had established 6,286 charging stations and 56,000 charging piles throughout China. The plan of "9 East-West Highways, 9 North-South Highways, 2 Beltways" covers almost 31,000 kilometers of distance in more than 150 cities. The EV charging platform also has enabled access of 183,000 charging piles from other service operators, which effectively promotes the development of China's EV industry.



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CEC signed MOU with EEI

On June 3, 2016, Mr. Liu Zhenya, President of China Electricity Council(CEC), met Mr. Thomas R. Kuhn, President of Edison Electric Institute (EEI)in Beijing. CEC and EEI signed a memorandum of understanding (MOU) to deepen cooperative partnership and promote mutual development between the two organizations and their member companies.

President Liu Zhenya reviewed recent discussions between the two organizations and vowed to cooperate with EEI to serve as a bridge between power industries of both countries. President Kuhn further introduced recent activities and future plans of EEI, and agreed on the positive role of the two associations in the future Sino-US power industry cooperation. EEI Vice President of International Programs Lawrence Jones and CEC Executive Vice President Yang Kun signed the MOU.

EEI is an industry association for power sector of the US with domestic members of power utilities and international members across Europe and Asia.

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EEI AND CHINA ELECTRICITY COUNCIL SIGN MOU

In early June, EEI and the China Electricity Council (CEC) signed a memorandum of understanding (MOU) to deepen cooperative partnership and promote mutual development between the two organizations and their member companies. EEI President Tom Kuhn and CEC President Liu Zhenya, who is also the former Chairman of State Grid Corporation of China (SGCC), attended the signing ceremony held June 3 in Beijing. SGCC is an International Member of the Institute.

EEI Vice President of International Programs Lawrence Jones and CEC Executive Vice President Yang Kun signed the MOU, which will serve as a strong foundation for deeper cooperation in the areas of innovation, clean energy, and global energy interconnection.

Founded in 1988, CEC is a joint organization of China's power enterprises and institutions with 939 members engaged in all aspect of the power industry, including power generation, transmission, distribution, engineering, construction, and R&D.

