



DIS Case Number: 15-1299-EL-CRS

Section A: Application Information

A-1. Provider type:

☐ Power Broker ☐ Aggregator ☒ Retail Generation Provider ☐ Power Marketer

A-2. Applicant's legal name and contact information.

Legal Name: MidAmerican Energy Services, LLC **Country:** United States
Phone: 800-432-8574 **Extension (if applicable):** **Street:** 4299 NW Urbandale Dr.
Website (if any): www.midamericanenergyservices.com **City:** Urbandale **Province/State:** IA
Postal Code: 50322

A-3. Names and contact information under which the applicant will do business in Ohio

Provide the names and contact information the business entity will use for business in Ohio. This does not have to be an Ohio address and may be the same contact information given in A-2.

Name	Type	Address	Active?	Proof
MidAmerican Energy Services, LLC	Official Name	4299 NW Urbandale Dr. Urbandale, IA 50322	Yes	File

A-4. Names under which the applicant does business in North America

Provide all business names the applicant uses in North America, including the names provided in A-2 and A-3.

Name	Type	Address	Active?	Proof
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A-5. Contact person for regulatory matters



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Johanna Altmayer
4299 NW Urbandale Dr.
Urbandale, IA 50322
US
johanna.altmayer@midamericanenergyservices.com
5158641494

A-6. Contact person for PUCO Staff use in investigating consumer complaints

Judy Tubbs
PO Box 4290
Davenport, IA 52808-8563
US
judith.tubbs@midamericanenergyservices.com
5633338581

A-7. Applicant's address and toll-free number for customer service and complaints

Phone: 800-432-8574	Extension (if applicable):	Country: United States
Fax:	Extension (if applicable):	Street: 106 E 2nd Street
Email: support@midamericanenergyservices.com		City: Davenport Province/State: IA
		Postal Code: 52801

A-8. Applicant's federal employer identification number

47-3311411

A-9. Applicant's form of ownership

Form of ownership: Limited Liability Company (LLC)

A-10. Identify current or proposed service areas

Identify each service area in which the applicant is currently providing service or intends to provide service and identify each customer class that the applicant is currently serving or intends to serve.

Service area selection

AEP Ohio

DP&L

Duke Energy Ohio

FirstEnergy - Cleveland Electric Illuminating

FirstEnergy - Ohio Edison

FirstEnergy - Toledo Edison

Class of customer selection

Commercial

Industrial

Mercantile

Residential

A-11. Start date

Indicate the approximate start date the applicant began/will begin offering services: 01-01-2016

A-12. Principal officers, directors, and partners

Please provide all contacts that should be listed as an officer, director or partner.

Name	Email	Title	Address
Calvin Haack		Vice President & Treasurer	666 Grand Ave. Ste 500 Des Moines, IA 50309-2580 US
Jonathan Hale		Vice President, Taxation	666 Grand Ave. Ste 500 Des Moines, IA 50309-2580 US
James Galt		Assistant Treasurer	666 Grand Ave. Ste 500 Des Moines, IA 50309-2580 US
Edward McGreen		President	4299 NW Urbandale Dr. Urbandale, IA 50322 US
Jeffrey Erb		Secretary	825 NE Multnomah, Ste 1050 Portland, OR 97232 US

A-13. Company history

MidAmerican Energy Company's unregulated retail services initially entered competitive retail energy markets in 1999 as a division within MidAmerican Energy Company, whose primary



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business is to provide regulated electric and gas utility service. Due to the evolution of the unregulated business plan and market expansion since that time, effective January 1, 2016 this division was transferred to a non-regulated affiliate within Berkshire Hathaway Energy Company. This new affiliate is MidAmerican Energy Services, LLC.

MidAmerican Energy Services, LLC ('MES') is a subsidiary of Berkshire Hathaway Energy Company ('BHE'). BHE is a holding company that owns a highly diversified portfolio of locally managed businesses principally engaged in the energy industry and is a consolidated subsidiary of Berkshire Hathaway. As of January 31, 2021, Berkshire Hathaway, Mr. Walter Scott, Jr., a member of BHE's Board of Directors (along with his family members and related or affiliated entities) and Mr. Gregory E. Abel, BHE's Chairman, beneficially owned 91.1%, 7.9% and 1.0%, respectively, of BHE's voting common stock.

MidAmerican Energy Services, LLC provides unregulated electric and gas service to approximately 90,000 customers in Illinois, Iowa, Maryland, Delaware, District of Columbia, Michigan, Nebraska, Ohio, South Dakota, Texas, New Jersey, New York, Massachusetts, Wisconsin and Pennsylvania. The company is headquartered in Des Moines, Iowa. MES supplies gas and electric retail services in the following states:

- Unregulated Electric Services:

- ☐ Illinois
- ☐ Maryland
- ☐ Delaware
- ☐ District of Columbia
- ☐ Ohio
- ☐ Texas
- ☐ Pennsylvania
- ☐ New Jersey
- ☐ New York
- ☐ Massachusetts

- Unregulated Gas Services:

- ☐ Illinois
- ☐ Iowa
- ☐ Michigan
- ☐ Nebraska
- ☐ South Dakota
- ☐ Wisconsin

Affiliates
PacifiCorp

MidAmerican Energy Company
NV Energy
Northern Powergrid
Northern Natural Gas
Kern River Gas Transmission Company
BHE Renewables
AltaLink
BHE U.S. Transmission
HomeServices of America

A-14. Secretary of State

Secretary of State Link:

Section B: Applicant Managerial Capability and Experience

B-1. Jurisdiction of operations

List all jurisdictions in which the applicant or any affiliated interest of the applicant is certified, licensed, registered or otherwise authorized to provide retail natural gas service or retail/wholesale electric service as of the date of filing the application..

File Attached

B-2. Experience and plans

Describe the applicant's experience in providing the service(s) for which it is applying (e.g., number and type of customers served, utility service areas, amount of load, etc.). Include the plan for contracting with customers, providing contracted services, providing billing statements and responding to customer inquiries and complaints in accordance with Commission rules adopted pursuant to Sections 4928.10 and/or 4929.22 of the Ohio Revised Code.

File(s) attached

B-3. Disclosure of liabilities and investigations

For the applicant, affiliate, predecessor of the applicant, or any principal officer of the applicant, describe all existing, pending or past rulings, judgments, findings, contingent liabilities, revocation of authority, regulatory investigations, judicial actions, or other formal or informal notices of violations, or any other matter related to competitive services in Ohio or equivalent services in another jurisdiction..



File Attached

B-4. Disclosure of consumer protection violations

Has the applicant, affiliate, predecessor of the applicant, or any principal officer of the applicant been convicted or held liable for fraud or for violation of any consumer protection or antitrust laws within the past five years?

No

B-5. Disclosure of certification, denial, curtailment, suspension or revocation

Has the applicant, affiliate, or a predecessor of the applicant had any certification, license, or application to provide retail natural gas or retail/wholesale electric service denied, curtailed, suspended, revoked, or cancelled or been terminated or suspended from any of Ohio's Natural Gas or Electric Utility's Choice programs within the past two years?

No

B-6. Environmental disclosures

Provide a detailed description of how the applicant intends to determine its generation resource mix and environmental characteristics, including air emissions and radioactive waste. Include the annual projection methodology and the proposed approach to compiling the quarterly actual environmental disclosure data. See 4901:1-21-09 of the Ohio Administrative Code for additional details of this requirement.

PJM disclosure option chosen

Section C: Applicant Financial Capability and Experience

C-1. Financial reporting

Provide a current link to the most recent Form 10-K filed with the Securities and Exchange Commission (SEC) or upload the form. If the applicant does not have a Form 10-K, submit the parent company's Form 10-K. If neither the applicant nor its parent is required to file Form 10-



K, state that the applicant is not required to make such filings with the SEC and provide an explanation as to why it is not required.

File(s) attached

C-2. Financial statements

Provide copies of the applicant's two most recent years of audited financial statements, including a balance sheet, income statement, and cash flow statement. If audited financial statements are not available, provide officer certified financial statements. If the applicant has not been in business long enough to satisfy this requirement, provide audited or officer certified financial statements covering the life of the business. If the applicant does not have a balance sheet, income statement, and cash flow statement, the applicant may provide a copy of its two most recent years of tax returns with **social security numbers and bank account numbers redacted**.

If the applicant is unable to meet the requirement for two years of financial statements, the Staff reviewer may request additional financial information.

Preferred to file this information confidentially

C-3. Forecasted financial statements

Provide two years of forecasted income statements **based solely on the applicant's anticipated business activities in the state of Ohio**.

Include the following information with the forecast: a list of assumptions used to generate the forecast; a statement indicating that the forecast is based solely on Ohio business activities only; and the name, address, email address, and telephone number of the preparer of the forecast.

The forecast may be in one of two acceptable formats: 1) an annual format that includes the current year and the two years succeeding the current year; or 2) a monthly format showing 24 consecutive months following the month of filing this application broken down into two 12-month periods with totals for revenues, expenses, and projected net incomes for both periods. Please show revenues, expenses, and net income (revenues minus total expenses) that is expected to be earned and incurred in **business activities only in the state of Ohio** for those periods.

If the applicant is filing for both an electric certificate and a natural gas certificate, please provide a separate and distinct forecast for revenues and expenses representing Ohio electric business activities in the application for the electric certificate and another forecast



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representing Ohio natural gas business activities in the application for the natural gas certificate.

Preferred to file confidentially

C-4. Credit rating

Provide a credit opinion disclosing the applicant's credit rating as reported by at least one of the following ratings agencies: Moody's Investors Service, Standard & Poor's Financial Services, Fitch Ratings or the National Association of Insurance Commissioners. If the applicant does not have its own credit ratings, substitute the credit ratings of a parent or an affiliate organization and submit a statement signed by a principal officer of the applicant's parent or affiliate organization that guarantees the obligations of the applicant. If an applicant or its parent does not have such a credit rating, enter 'Not Rated'.

This does not apply

C-5. Credit report

Provide a copy of the applicant's credit report from Experian, Equifax, TransUnion, Dun and Bradstreet or a similar credit reporting organization. If the applicant is a newly formed entity with no credit report, then provide a personal credit report for the principal owner of the entity seeking certification. At a minimum, the credit report must show summary information and an overall credit score. **Bank/credit account numbers and highly sensitive identification information must be redacted.** If the applicant provides an acceptable credit rating(s) in response to C-4, then the applicant may select 'This does not apply' and provide a response in the box below stating that a credit rating(s) was provided in response to C-4.

Preferred to file this information confidentially

C-6. Bankruptcy information

Within the previous 24 months, have any of the following filed for reorganization, protection from creditors or any other form of bankruptcy?

- Applicant
- Parent company of the applicant
- Affiliate company that guarantees the financial obligations of the applicant
- Any owner or officer of the applicant

No



C-7. Merger information

Is the applicant currently involved in any dissolution, merger or acquisition activity, or otherwise participated in such activities within the previous 24 months?

No

C-8. Corporate structure

Provide a graphical depiction of the applicant's corporate structure. Do not provide an internal organizational chart. The graphical depiction should include all parent holding companies, subsidiaries and affiliates as well as a list of all affiliate and subsidiary companies that supply retail or wholesale electricity or natural gas to customers in North America. If the applicant is a stand-alone entity, then no graphical depiction is required, and the applicant may respond by stating that it is a stand-alone entity with no affiliate or subsidiary companies.

File(s) attached

C-9. Financial arrangements

Provide copies of the applicant's financial arrangements to satisfy collateral requirements to conduct retail electric/natural gas business activities (e.g., parental guarantees, letters of credit, contractual arrangements, etc., as described below).

Renewal applicants may provide a current statement from an Ohio local distribution utility (LDU) that shows that the applicant meets the LDU's collateral requirements. The statement or letter must be on the utility's letterhead and dated within a 30-day period of the date the applicant files its renewal application.

First-time applicants or applicants whose certificate has expired must meet the requirements of C-9 in one of the following ways:

1. The applicant itself states that it is investment grade rated by Moody's Investors Service, Standard & Poor's Financial Services, or Fitch Ratings and provides evidence of rating from the rating agencies. If you provided a credit rating in C-4, reference the credit rating in the statement.
2. The applicant's parent company is investment grade rated (by Moody's, Standard & Poor's, or Fitch) and guarantees the financial obligations of the applicant to the LDU(s). Provide a copy of the most recent credit opinion from Moody's, Standard & Poor's or Fitch.
3. The applicant's parent company is not investment grade rated by Moody's, Standard & Poor's or Fitch but has substantial financial wherewithal **in the opinion of the Staff**



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reviewer to guarantee the financial obligations of the applicant to the LDU(s). The parent company's financials and a copy of the parental guarantee must be included in the application if the applicant is relying on this option.

4. The applicant can provide evidence of posting a letter of credit with the LDU(s) listed as the beneficiary, in an amount sufficient to satisfy the collateral requirements of the LDU(s).

Preferred to file confidentially

Section D: Applicant Technical Capacity

D-1. Operations

Power Marketers/Generators: Describe the operational nature of the applicant's business, specifying whether operations will include the generation of power for retail sales, the scheduling of retail power for transmission and delivery, the provision of retail ancillary services, as well as other services used to arrange for the purchase and delivery of electricity to retail customers.

File(s) attached

D-2. Operations Expertise & Key Technical Personnel

Given the operational nature of the applicant's business, provide evidence of the applicant's experience and technical expertise in performing such operations. Include the names, titles, e-mail addresses, and background of key personnel involved in the operations of the applicant's business.

File(s) attached

D-3. FERC Power Marketer and License Number

Provide a statement disclosing the applicants FERC Power Marketer License Number (Power Marketers Only).

MidAmerican Energy Services, LLC, was granted market-based rate authority with the Federal Energy Regulatory Commission on September 11, 2015, in docket number ER15-2211-000. The effective date of said authority is September 14, 2015.



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Application Attachments



DATE	DOCUMENT ID	DESCRIPTION	FILING	EXPED	PENALTY	CERT	COPY
03/18/2015	201507601320	REGISTRATION OF FOREIGN FOR PROFIT LLC (LFP)	125.00	0.00	0.00	0.00	0.00

Receipt

This is not a bill. Please do not remit payment.

MID AMERICAN ENERGY SERVICES, LLC
 ATTN C SULLIVAN
 4299 NW URBANDALE DR
 URBANDALE, IA 50322

STATE OF OHIO CERTIFICATE

Ohio Secretary of State, Jon Husted

2375877

It is hereby certified that the Secretary of State of Ohio has custody of the business records for

MIDAMERICAN ENERGY SERVICES, LLC

and, that said business records show the filing and recording of:

Document(s)

REGISTRATION OF FOREIGN FOR PROFIT LLC

Effective Date: 03/13/2015

Document No(s):

201507601320



United States of America
 State of Ohio
 Office of the Secretary of State

Witness my hand and the seal of the
 Secretary of State at Columbus, Ohio this
 18th day of March, A.D. 2015.

Jon Husted

Ohio Secretary of State

MidAmerican Energy Services, LLC

Exhibit B-1 Jurisdiction of Operations

List of all states in which the MES currently provides retail natural gas service, or retail/wholesale electric services:

MidAmerican Energy Services, LLC

Natural Gas

- Illinois: MidAmerican Energy Company, Nicor Gas, Peoples Gas Light and Coke, North Shore Gas, Ameren Illinois
- Iowa: Alliant Energy, MidAmerican Energy Company, Liberty Utilities
- Michigan: Consumers Energy, DTE Gas
- Nebraska: MidAmerican Energy Company
- South Dakota: MidAmerican Energy Company
- Wisconsin: Wisconsin Power & Light, Madison Gas & Electric, Wisconsin Electric Power Company, Wisconsin Gas LLC, Wisconsin Public Service Company

Electric

- Illinois: Ameren, Commonwealth Edison
- Maryland: Baltimore Gas & Electric, Delmarva, Potomac Edison, Potomac Electric Power Company
- Michigan: Detroit Edison
- Ohio: AEP Ohio Power, Dayton Power & Light, Duke Energy, The Illuminating Co., Ohio Edison, Toledo Edison
- Delaware: Delmarva Power
- District of Columbia: Potomac Electric Power Company
- Texas: AEP Texas Central Company, AEP Texas North Company, CenterPoint Energy, Oncor Electric Delivery, Texas-New Mexico Power
- Pennsylvania: Duquesne Light Company, Metropolitan Edison, Pennsylvania Electric, Pennsylvania Power, PECO, PP&L, Inc., West Penn Power
- New Jersey: Atlantic City Electric, Jersey Central P&L, Rockland Electric, PSE&G
- New York: Central Hudson, Consolidated Edison, National Grid, NYSEG, Orange and Rockland, Rochester Gas & Electric
- Massachusetts: National Grid, NSTAR Electric, WMECo, Unitil

MidAmerican Energy Services, LLC, (“MES”) provides competitive retail electric and gas services to approximately 90,000 customers. MES is or is in the process of applying to be registered to serve electric and gas customers in the following markets:

<u><i>Service Territory</i></u>	<u><i>State</i></u>
Ameren	Illinois
Commonwealth Edison	Illinois
MidAmerican Energy	Illinois
Nicor Gas	Illinois
Peoples Gas Light and Coke	Illinois
North Shore	Illinois
Alliant Energy	Iowa
MidAmerican Energy	Iowa
Liberty	Iowa
Baltimore Gas & Electric	Maryland
Delmarva Power	Maryland, Delaware
Potomac Edison	Maryland
Potomac Electric Power Co.	Maryland, District of Columbia
Detroit Edison	Michigan
MichCon	Michigan
National Grid	Massachusetts
NSTAR Electric	Massachusetts
WMECo	Massachusetts
Unitil	Massachusetts
MidAmerican Energy	Nebraska
Atlantic City Electric	New Jersey
Jersey Central Power & Light	New Jersey
Public Service Electric & Gas	New Jersey
Rockland Electric	New Jersey
Central Hudson	New York
Con Edison	New York
National Grid	New York
NYSEG	New York
Orange & Rockland	New York
Rochester Gas & Electric	New York
AEP Ohio Power	Ohio
Dayton Power & Light	Ohio
Duke Energy	Ohio
The Illuminating Co.	Ohio
Ohio Edison	Ohio
Toledo Edison	Ohio
Duquesne Light Company	Pennsylvania
Metropolitan Edison	Pennsylvania
Pennsylvania Electric	Pennsylvania
Pennsylvania Power	Pennsylvania

<u><i>Service Territory</i></u>	<u><i>State</i></u>
PECO	Pennsylvania
PP&L, Inc.	Pennsylvania
West Penn Power	Pennsylvania
MidAmerican Energy	South Dakota
AEP Texas Central Company	Texas
AEP Texas North Company	Texas
CenterPoint Energy	Texas
Oncor Electric Delivery	Texas
Texas-New Mexico Power	Texas
Wisconsin Power & Light	Wisconsin
Madison Gas & Electric	Wisconsin
Wisconsin Electric Power Company	Wisconsin
Wisconsin Gas LLC	Wisconsin
Wisconsin Public Service Company	Wisconsin

As part of providing competitive retail electric services in these markets, MES has developed extensive understanding and awareness of the specific requirements for each region. Specific scheduling, planning, registration, settlement, operation rules, and operating guidelines are uniquely defined by the incumbent utility, state, and/or reliability region. MES is able to comply with and address these differing requirements by:

1. Maintaining a staff of dedicated, experienced and capable individuals.
2. Writing and maintaining extensive operating and compliance procedures whereby expectations, process, and comprehension is documented. These procedures act as a solid foundation for performing tasks and help to train new staff.
3. Monitoring changes filed and approved at public utility commissions. MES monitors each incumbent tariff and has a process in place whereby changes are communicated throughout MES when they occur.
4. Participating in ongoing operational work groups within each state to address problems and concerns.

MES' staff performs the necessary tasks in order to provide electric supply to its competitive electric service customers. Some of the tasks MES performs for its competitive customers are

- Profiling and forecasting customer usage,
- Scheduling,
- Calculating and scheduling energy losses,
- Procuring energy supply, capacity and Renewable Energy Credits,
- Partnering with demand response providers,
- Procuring transmission service,
- Procuring ancillary services,
- Balancing and settling with the incumbent utilities,

- Billing Services, and
- Customer Service.

MES procures wholesale electric and gas supply through its internal trading team. The trading team procures energy at the best competitive market price.

MES currently has 24-hour on-call support staff to ensure coordination with control centers for scheduling changes, reserves implementation, curtailment orders and interruption plan implementation.

MES has completed external reviews finding no substantive violations regarding utility and regional transmission tariffs and rules.

Providing competitive electric provider services involves meeting requirements at three different levels: the incumbent utility, the state, and the reliability region. In each competitive market in which it has entered, MES has complied with these requirements.

As an experienced competitive retail electric provider, MES has experience in purchasing, maintaining, and reporting capacity requirements.

MES already tracks and reports the environmental characteristics of the electric energy provided to its competitive customers. Where MES is obligated to purchase renewable energy, the process for procuring and documenting renewable energy is very similar to procuring and documenting non-renewable energy and is well within MES' current capabilities.

MES' success in deregulated electric markets is driven by its commitment to customer service and its position as a long-term competitive retail electric provider.

Beginning in 2001 as part of MidAmerican Energy Company, the Unregulated Retail Services division made significant capital investments in automating business processes. Data transfers between internal departments and with local utilities are highly automated to ensure both quality and efficiency. These intense automation efforts give MES the ability to quickly respond to customer requests while maintaining all-time high customer satisfaction ratings in 2018.

MES currently acts as a point of contact for its competitive retail electric energy customers in all active states. MES' call center personnel are trained to respond to customer outage and emergency requests. Further, MES provides emergency and contact information to its competitive retail customers through bill messaging.

MES assigns an individual account manager to medium to large commercial customers to assist customers in managing their energy goals. For all customers, MES provides 24-hour telephone customer support services through its toll-free number (800-432-8574) and call center support staff. Additional customer service support is offered through email at "Support@midamericanenergyservices.com". In order to ensure a high degree of confidence in energy scheduling, MES provides its customers with a 24-hour contact for reporting significant unplanned load changes.

MidAmerican Energy Services, LLC, is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company. As such, there are no shareholder annual reports for this entity. Similar information and data is being provided in the Annual Report on Form 10-K for the two most recent fiscal years available on Berkshire Hathaway Energy Company's website:

<http://www.berkshirehathawayenergyco.com/investors/financial-filings>

MidAmerican Energy Services, LLC, has no existing, pending or past rulings, judgments, contingent liabilities, impending revocation of authority, regulatory investigations, or any other matter of a material nature that could adversely impact its financial or operational status or which would adversely impact its ability to serve as a Competitive Retail Electric Services Provider in the State of Ohio.

MidAmerican Energy Company's unregulated retail services initially entered competitive retail energy markets in 1999 as a division within MidAmerican Energy Company. Effective January 1, 2016, this division was transferred to a non-regulated affiliate within Berkshire Hathaway Energy, MidAmerican Energy Services, LLC.

MidAmerican Energy Services, LLC, (MidAmerican) has extensive operational experience serving retail energy customers.

Procurement Process

Upon the execution of an agreement with MidAmerican, the operations team will acquire firm supply through the internal trading desk. MidAmerican partners with a variety of wholesale supply sources to serve retail load in Ohio. Through its internal trading desk, MidAmerican will purchase wholesale supply from the supplier(s) that can provide the optimal solution of price and service for its customers.

Risk Management

The Risk Management department of affiliate MidAmerican Energy Company (MEC), has established and oversees a set of policies and procedures to govern MidAmerican's transaction activities. The intent of the policy is to define and specify the controls and management responsibility associated with such activities; and to provide a framework in which business unit management can maintain a portfolio of products, services and other transactions within pre-defined risk parameters. The policy and associated procedures are designed to protect both MidAmerican and the customers MidAmerican serves.

Operational practices specifically designed to reduce risk exposure for customers include

- Electronic interfaces with the utility for usage and invoicing data to ensure accuracy and timeliness contributing to MidAmerican's bill accuracy rate of over 99%.
- Mark to market and VAR positions are reviewed daily, validating all operations are within defined risk management procedures, thereby minimizing exposure to wholesale market risk.
- Monthly evaluation of scheduling and balancing procedures to validate and refine the prediction of future forecasts. MidAmerican will identify key swings in usage patterns and work with individual customers as appropriate to meet new load requirements.

Customer Service

Customer Satisfaction:	96.97% of its current customers would recommend MidAmerican.
Billing Services:	MidAmerican maintains a 99.65% bill accuracy rating and 99.97% of its invoices are produced within three days of receiving usage data.
Leadership and Experience:	MidAmerican Energy Company has been serving customers as a regulated utility for over 140 years and retail customers since 1999. Backed by Berkshire Hathaway Energy, MidAmerican focuses and invests in long-term opportunities that contribute to its future strength.

Based on MidAmerican Energy Company's cumulative 2018 customer survey results and service level performance.

MidAmerican Energy Services, LLC (formerly MidAmerican Energy Company's Unregulated Retail Service division) has been an active supplier in deregulated markets since 1999.

MidAmerican has a significant number of experienced employees within each area of operation and has included a brief biography for those individuals in key leadership positions.

<p>Edward J. McGreen, President</p> <p><u>Education:</u> George Washington University, 1997 Masters of Science in Finance (MSF)</p> <p>The Ohio State University, 1992 Bachelor of Science in Business Administration (BSBA), concentration in Finance</p> <p><u>Employment:</u> President MidAmerican Energy Services, LLC, 2018-Present</p> <p>Vice President – Strategic Planning MidAmerican Energy Company, 2015-2018</p> <p>President & CEO – Mortgage HomeServices of America, 2013-2015</p> <p>Executive Vice President – Chief Capital Markets Officer Interim Chief Financial Officer (2006) Federal Home Loan Bank of Des Moines, 2004-2013</p> <p>Director – Finance Fannie Mae, 2002-2004</p> <p>Sr. Interest Rate Risk Manager – Insurance GE Capital, 2001-2002</p> <p>Sr. Portfolio Financial Analyst Fannie Mae, 1996-2001</p>	<p>Wendi Brown, Lead, Senior Energy Trader</p> <p><u>Education:</u> University of Nebraska, Omaha BS-Banking and Finance 1991</p> <p><u>Employment:</u> Lead, Senior Energy Trader MidAmerican Energy Services, LLC, – 2019-Present</p> <p>Senior Supply Representative Black Hills Energy, 2015-2019</p> <p>Manager of Supply Constellation Energy, 2007-2015</p> <p>Director of Supply Cornerstone Energy, 2002-2007</p> <p>Buyer/Scheduler UtiliCorp/Aquila Energy, 1992-2002</p>
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Judy Tubbs, Manager, Customer Service, Unregulated Retail Services <u>Employment:</u> Manager, Customer Service MidAmerican Energy Services, LLC, 2016-Present Manager, Customer Service MidAmerican Energy Company, 2014 – 2015 Manager Financial Services & Optional Retail Services MidAmerican Energy Company, 2010-2014 Supervisor Financial Services MidAmerican Energy Company, 2003-2010 Senior Credit Specialist MidAmerican Energy Company, 1995-2003 Customer Service Representative MidAmerican Energy Company, 1991-1995	Mark Yocum, Director, Supply & Marketing Finance <u>Education:</u> University of South Dakota , M.B.A., 1992 Iowa State University, B.B.A. Finance, 1985 <u>Employment:</u> Director, Supply & Marketing Finance MidAmerican Energy Company, 2003-present Manager, Retail Financial Business Analysis MidAmerican Energy Company, 1999-2003 ABM Project Manager MidAmerican Energy Company, 1998-1999 Manager, General Accounting MidAmerican Energy Company, 1997-1998 Manager, MIS Support Group MidAmerican Energy Company, 1990-1997 Senior Accountant MidAmerican Energy Company, 1987-1990 Accountant MidAmerican Energy Company, 1986-1987 Financial Analyst MidAmerican Energy Company, 1986-1986
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<p>Arick R. Sears, Senior Regulatory Attorney MidAmerican Energy Company</p> <p><u>Education</u> Juris Doctor, Washington & Lee University School of Law, 2008</p> <p>Bachelor of Science, Georgia State University, 2004</p> <p><u>License</u> Admitted in Iowa and the District of Columbia</p> <p><u>Employment</u> Senior Regulatory Attorney, MidAmerican Energy Company, 2018 – Present</p> <p>Assistant People’s Counsel. Office of the People’s Counsel for the District of Columbia, 2012-2018</p>	<p>Jay Dillavou, Manager, Regulatory Affairs</p> <p><u>Education:</u> Drake University, M.B.A., 1993 Iowa State University, B.A. Accounting, 1985 Iowa State University, B.S. Construction Engineering, 1983</p> <p><u>Employment:</u> Manager, Regulatory Affairs MidAmerican Energy Services, LLC, 2016-present</p> <p>Manager, Regulatory Affairs MidAmerican Energy Company, 2011-2015</p> <p>Regulatory Analyst MidAmerican Energy Company, 2006-2010</p> <p>Senior Balancing and Settlement Analyst MidAmerican Energy Company, 2000-2005</p> <p>Environmental Services Coordinator MidAmerican Energy Company, 1992-1999</p> <p>Power Production Analyst MidAmerican Energy Company, 1989-1991</p>
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<p>Martin Longenecker, Director, Retail Business Systems</p> <p><u>Education:</u> University of Iowa, M.B.A. 1999 St. Ambrose College, B.A. Accounting and Business, 1985</p> <p><u>Employment:</u> Director, Retail Business Systems MidAmerican Energy Services, LLC, 2016-present</p> <p>Director, Retail Business Systems MidAmerican Energy Company, 2011-2015</p> <p>Manager, Product Business Systems MidAmerican Energy Company, 2008-2011</p> <p>Senior Product Manager MidAmerican Energy Company, 2000-2008</p> <p>Business / Market Analyst MidAmerican Energy Company, 1995-2000</p> <p>Treasury Analyst MidAmerican Energy Company 1992-1995</p> <p>Shareholder Analyst MidAmerican Energy Company 1986-1992</p> <p>Accountant – SouthRidge Mall General Growth Company, Des Moines, Iowa 1985-1986</p>	<p>Brent Kuehl, Senior Electric Trader</p> <p><u>Education:</u> Northwest Missouri State University B.S. Accounting, 1992</p> <p><u>Employment:</u> Senior Electric Trader MidAmerican Energy Services, LLC, 2016-Present</p> <p>Senior Electric Trader MidAmerican Energy Company, 2014-2016</p> <p>Senior Electric Trader Cargill, 2002-2014</p> <p>Electric Trader Aquila Energy 1998-2002</p> <p>Floor Broker Kansas City Board of Trade, 1995-1998</p> <p>Audits and Investigations Department Kansas City Board of Trade, 1992-1995</p>
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Other key personnel include:

General Questions, Certification, Registration Issues

Lisa Lann
Senior Regulatory Analyst
(515) 281-2536

Jo Altmayer
Regulatory Analyst
(515) 242-4291

Electric Operational Issues

Wendi Brown
Lead, Senior Energy Trader
(515) 281-2615

Gas Operational Issues

Wendi Brown
Lead, Senior Energy Trader
(515) 281-2615

Customer Contracting Issues

Judy Tubbs
Director, Customer Service
(563) 333-8581

EDI and Enrollment Issues

Amy Simon
Supervisor, Customer Accounting
(563) 333-8598

Retail Transactions Systems

Katie Trulson
Senior Product Planning Advisor
(563) 333-8744

MidAmerican Energy Company's unregulated retail services initially entered competitive retail energy markets in 1999 as a division within MidAmerican Energy Company, whose primary business is to provide regulated electric and gas utility service. Due to the evolution of the unregulated business plan and market expansion since that time, corporate leadership transferred this division to a non-regulated affiliate within Berkshire Hathaway Energy Company. This new affiliate is MidAmerican Energy Services, LLC.

MidAmerican Energy Services, LLC, is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company. Berkshire Hathaway Energy Company is a majority owned subsidiary of Berkshire Hathaway Inc., Omaha, Nebraska. The balance of Berkshire Hathaway Energy Company is owned by a private investor group comprised of businessman Walter Scott, Jr., Mr. Scott's family interests, and Berkshire Hathaway Energy Company's President and Chief Executive Officer William J. Fehrman.

MidAmerican Energy Services, LLC, provides unregulated electric and gas service to approximately 90,000 customers in Iowa, Illinois, Nebraska, Michigan, Maryland, Delaware, District of Columbia, Ohio, Nebraska, South Dakota, Texas, New Jersey and Pennsylvania. The company is headquartered in Des Moines, Iowa. MidAmerican Energy Services, LLC, supplies gas and electric retail services in the following states:

- Unregulated Electric Services:

- Illinois
- Maryland
- Delaware
- District of Columbia
- Ohio
- Texas
- Pennsylvania
- New Jersey
- New York
- Massachusetts

- Unregulated Gas Services:

- Illinois
- Iowa
- Michigan
- Nebraska
- South Dakota
- Wisconsin

MidAmerican Energy Company is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. MidAmerican Energy Company is a regulated public utility company serving approximately 0.7 million electric retail residential, commercial and industrial customers in its service territory covering approximately 11,000 square miles in Iowa, Illinois, and South Dakota. It supplies regulated gas retail and transportation services to approximately 0.7 million customers in Iowa, Illinois, South Dakota and Nebraska. The company is headquartered in Des Moines, Iowa.

MidAmerican Energy Company sells electricity principally to markets operated by regional transmission organizations and natural gas to other utilities and market participants on a wholesale basis. MidAmerican Energy Company is a transmission-owning member of the Midcontinent Independent System Operator, Inc. and participates in its energy and ancillary services markets.

BHE Renewables, LLC, is a direct wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. BHE Renewables, LLC, invests in and develops, owns and operates renewable energy resources through its subsidiaries listed below:

BHE Geothermal, LLC, is a direct wholly owned subsidiary of BHE Renewables, LLC and as such is an affiliate of MidAmerican Energy Services, LLC. BHE Geothermal, LLC, provides electrical energy to the wholesale energy market through its subsidiaries listed below:

- Cordova Energy Company, LLC – Gas fired electric generating facility.

CE Generation, LLC, is one hundred percent (100%) owned by BHE Geothermal, LLC and as such is an affiliate of MidAmerican Energy Services, LLC. CE Generation LLC provides electrical energy to the wholesale energy market through its subsidiaries listed below:

- CalEnergy, LLC – power marketer
- California Energy Development Corp.
 - Yuma Cogeneration Associates – Gas fired electric generating facility.
- Magma Power Co.
 - Vulcan BN/Geo. Power Company – Geothermal electric generating facility.
 - Del Ranch Company - Geothermal electric generating facility.
 - Elmore Company - Geothermal electric generating facility.
 - CE Leathers Company - Geothermal electric generating facility.
 - Salton Sea Power Generation Company - Geothermal electric generating facility.

BHE Wind, LLC is a direct wholly owned subsidiary of BHE Renewables, LLC and as such is an affiliate of MidAmerican Energy Services, LLC. BHE Wind, LLC provides electrical energy to the wholesale energy market through its subsidiaries listed below:

- Bishop Hill II Holdings LLC
 - Bishop Hill Energy II LLC – Wind-powered electric generation facility.
- Pinyon Pines I Holding Company, LLC
 - Pinyon Pines Wind I, LLC – Wind-powered electric generation facility.
- Pinyon Pines II Holding Company, LLC
 - Pinyon Pines Wind II, LLC – Wind-powered electric generation facility.
- Jumbo Road Holdings LLC
 - TX Jumbo Road Wind, LLC – Wind-powered electric generation facility.
- Marshall Wind Energy Holdings, LLC
 - Marshall Wind Energy, LLC – Wind-powered electric generation facility
- GPWH Holdings LLC
 - Grand Prairie Wind, LLC – Wind-powered electric generation facility

- Walnut Ridge Wind, LLC – Wind-powered electric generation facility

BHE Solar, LLC is a direct wholly owned subsidiary of BHE Renewables, LLC and as such is an affiliate of MidAmerican Energy Services, LLC. BHE Solar, LLC provides electrical energy to the wholesale energy market through its subsidiaries listed below:

- BHE AC Holding, LLC
 - Agua Caliente Solar, LLC (49% owned) – Solar-powered electric generation facility.
- Solar Star Projects Holding, LLC
 - Solar Star California XIX, LLC – Solar-powered electric generation facility.
 - Solar Star California XX, LLC – Solar-powered electric generation facility.
- TPZ Holding, LLC
 - Topaz Solar Farms LLC – Solar-powered electric generation facility.
- Alamo 6 Solar Holdings, LLC
 - Alamo 6, LLC – Solar-powered electric generation facility.
- BHES Pearl Solar Holdings, LLC
 - Pearl Solar, LLC – Solar-powered electric generation facility.

MEC Construction Services Co. is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. MEC Construction Services Co. provides electric transmission and distribution construction services to third parties.

PacifiCorp is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. PacifiCorp is a regulated electric utility company serving 1.9 million retail residential, commercial, industrial, irrigation and other customers in service territories aggregating approximately 143,000 square miles in portions of the states of Utah, Oregon, Wyoming, Washington, Idaho and California. The company is headquartered in Portland, Oregon. PacifiCorp delivers electricity to customers in Utah, Wyoming and Idaho under the trade name Rocky Mountain Power and to customers in Oregon, Washington and California under the trade name Pacific Power. PacifiCorp's electric generation, commercial and trading, and coal mining functions are operated under the trade name PacifiCorp Energy. PacifiCorp also sells electricity on the wholesale market to public and private utilities, energy marketing companies and to incorporated municipalities.

Nevada Power Company is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. Nevada Power Company is a regulated electric utility company serving approximately 0.9 million retail residential, commercial and industrial customers in its service territory covering approximately 4,500 square miles in southern Nevada. The company is headquartered in Las Vegas, Nevada. Nevada Power Company also sells electricity on the wholesale market to public and private utilities, energy marketing companies and to incorporated municipalities.

Sierra Pacific Power Company is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. Sierra Pacific Power Company is a regulated public utility company serving approximately 0.3 million electric retail residential, commercial and industrial customers in its service territory covering approximately 41,200 square miles in western, central and northeastern Nevada and approximately 0.2 million retail and transportation natural gas customers in its service territory covering approximately 900 square miles in and around Reno and Sparks, Nevada. The company is headquartered in Reno, Nevada. Sierra Pacific Power Company also sells electricity on the wholesale market to public and private utilities, energy marketing companies and to incorporated municipalities.

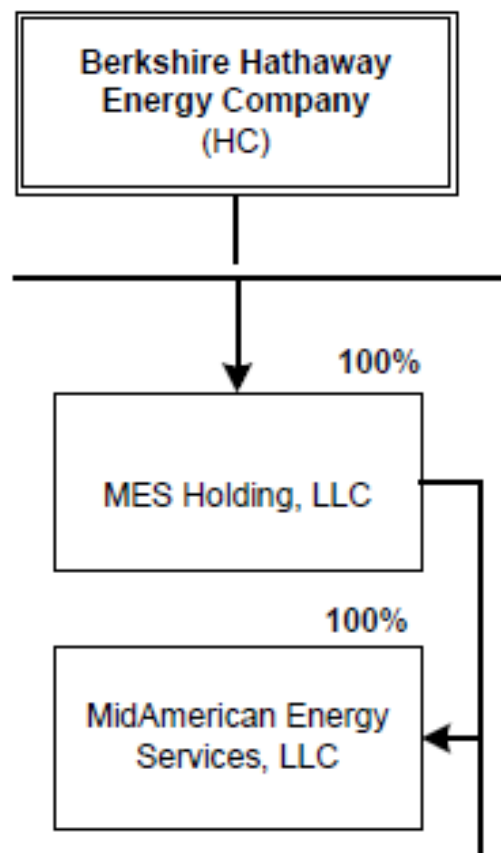
BHE U.S. Transmission, LLC is a direct wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. BHE U.S. Transmission, LLC invests in and develops, owns and operates electric transmission facilities through its subsidiaries listed below:

- BHE America Transco, LLC
 - Electric Transmission America, LLC (50% owned)
 - Prairie Wind Transmission, LLC (25% owned) – Owns and operates a 108-mile 345 kilovolt electric transmission facility in south central Kansas.
- BHE Texas Transco, LLC
 - Electric Transmission Texas, LLC (50% owned) – Develops, owns and operates approximately 1,000 miles of electric transmission lines in the Electric Reliability Council of Texas region.

AltaLink, L.P. is an indirect wholly owned subsidiary of Berkshire Hathaway Energy Company and as such is an affiliate of MidAmerican Energy Services, LLC. AltaLink, L.P. owns and operates approximately 7,800 miles of electric transmission lines in Alberta, Canada.

EXHIBIT C-8
Corporate Structure

BHE Organization Chart – Other Corporate Entities



Competitive Retail Electric Service Affidavit

County of POLK :


State of IOWA :

Edward J. McGreen, Affiant, being duly sworn/affirmed, hereby states that:

1. The information provided within the certification or certification renewal application and supporting information is complete, true, and accurate to the best knowledge of affiant, and that it will amend its application while it is pending if any substantial changes occur regarding the information provided.
2. The applicant will timely file an annual report of its intrastate gross receipts, gross earnings, and sales of kilowatt-hours of electricity pursuant to Sections 4905.10(A), 4911.18(A), and 4928.06(F), Ohio Revised Code.
3. The applicant will timely pay any assessment made pursuant to Sections 4905.10, 4911.18, and 4928.06(F), Ohio Revised Code.
4. The applicant will comply with all applicable rules and orders adopted by the Public Utilities Commission of Ohio pursuant to Title 49, Ohio Revised Code.
5. The applicant will cooperate fully with the Public Utilities Commission of Ohio, and its Staff on any utility matter including the investigation of any consumer complaint regarding any service offered or provided by the applicant.
6. The applicant will fully comply with Section 4928.09, Ohio Revised Code regarding consent to the jurisdiction of Ohio Courts and the service of process.
7. The applicant will comply with all state and/or federal rules and regulations concerning consumer protection, the environment, and advertising/promotions.
8. The applicant will use its best efforts to verify that any entity with whom it has a contractual relationship to purchase power is in compliance with all applicable licensing requirements of the Federal Energy Regulatory Commission and the Public Utilities Commission of Ohio.
9. The applicant will cooperate fully with the Public Utilities Commission of Ohio, the electric distribution companies, the regional transmission entities, and other electric suppliers in the event of an emergency condition that may jeopardize the safety and reliability of the electric service in accordance with the emergency plans and other procedures as may be determined appropriate by the Commission.
10. If applicable to the service(s) the applicant will provide, it will adhere to the reliability standards of (1) the North American Electric Reliability Council (NERC), (2) the appropriate regional reliability council(s), and (3) the Public Utilities Commission of Ohio.
11. The Applicant will inform the Public Utilities Commission of Ohio of any material change to the information supplied in the application within 30 days of such material change, including any change in contact person for regulatory purposes or contact person for Staff use in investigating consumer complaints.

12. The facts set forth above are true and accurate to the best of his/her knowledge, information, and belief and that he/she expects said applicant to be able to prove the same at any hearing hereof.

13. Affiant further sayeth naught.


_____, President
Signature of Affiant & Title

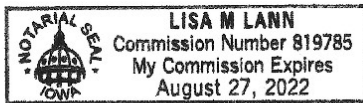
Sworn and subscribed before me this 9th day of July, 2021
Month Year



Signature of official administering oath

Lisa M. Lann

Print Name and Title



My commission expires on 8/27/22

This foregoing document was electronically filed with the Public Utilities

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in

Case No(s). 15-1299-EL-CRS

Summary: In the Matter of the Application of MidAmerican Energy Services LLC