

UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT TRIAL AND APPEAL BOARD

Union Electric Company

Petitioner,

v.

Birchtech Corporation,

Patent Owner

IPR2025-01117
Patent 10,596,517

**BIRCHTECH CORP.'S MANDATORY NOTICES PURSUANT TO
37 C.F.R. § 42.8(a)(2)**

Mail Stop PATENT BOARD
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. § 42.8(a)(2), the undersigned, on behalf of the Patent Owner Birchtech Corp. (d/b/a Midwest Energy Emissions Corp.), hereby submits the following Mandatory Notices in connection with the above-captioned Petition for *Inter Partes* Review of U.S. Patent 10,596,517 (“the ’517 patent”).

I. REAL PARTY-IN-INTEREST

Patent Owner identifies MES, Inc. as a real party in interest with respect to this proceeding.

II. RELATED MATTERS

In accordance with 37 C.F.R. § 42.8(b)(2), Patent Owner identifies the following related judicial proceedings involving the ’517 patent:

Midwest Energy Emissions Corp. et al v. Arthur J. Gallagher & Co. et al., Civil Action No. 1:19-cv-01334 pending in the United States District Court for the District of Delaware.

Midwest Energy Emissions Corp. v. Ameren Corporation et al., Case No. 4-24-cv-00980 pending in the United States District Court for the Eastern District of Missouri.

Midwest Energy Emissions Corp. v. MidAmerican Energy Company et al., Case No. 4-24-cv-00243 pending in the United States District Court for the Southern District of Iowa.

In Re: Midwest Energy Emissions Corp. Patent Litigation, MDL Case No. 4-24-md-03132 pending in the United States District Court for the Southern District of Iowa.

Midwest Energy Emissions Corp. v. Berkshire Hathaway Energy Company et al., Case No. 2-25-cv-00015 pending in the United States District Court for the District of Wyoming.

Midwest Energy Emissions Corp. v. Wisconsin Power and Light Company, Case No. 3-25-cv-00026 pending in the United States District Court for the Western District of Wisconsin.

Birchtech Corp. f/k/a Midwest Energy Emissions Corp. v. Evergy, Inc. et al., Case No. Case No. 5-25-cv-04033 pending in the United States District Court for the District of Kansas.

III. LEAD AND BACKUP COUNSEL

Patent Owner Birchtech Corp. hereby designates lead and back-up counsel. Power of Attorney documents are concurrently filed herewith. The lead counsel for Birchtech Corp. is:

Hamad M. Hamad, Reg. No. 64,641
hhamad@caldwellcc.com
Caldwell, Cassady & Curry P.C.
2121 N. Pearl St., Ste 1200
Dallas, TX 75201
Tel.: 214-888-4848
Fax: 214-888-4849

The back-up counsel for Birchtech Corp. is:

Justin T. Nemunaitis (*Pro Hac Vice* forthcoming)
jnemunaitis@caldwellcc.com
Caldwell, Cassady & Curry P.C.
2121 N. Pearl St., Ste. 1200
Dallas, TX 75201
Tel.: 214-888-4848
Fax: 214-888-4849

Richard Cochrane (*Pro Hac Vice* forthcoming)
rcochrane@caldwellcc.com
Caldwell, Cassady & Curry P.C.
2121 N. Pearl St., Ste. 1200
Dallas, TX 75201
Tel.: 214-888-4848
Fax: 214-888-4849

IV. SERVICE INFORMATION

Birchtech Corp. hereby consents to electronic service at the below email addresses:

Email: hhamad@caldwellcc.com
jnemunaitis@caldwellcc.com
rcochrane@caldwellcc.com
midwest@caldwellcc.com

Postal Mail, Courier, or Hand Delivery:

CALDWELL CASSADY CURRY, P.C.
2121 N. Pearl St., Ste. 1200
Dallas, Texas 75201

Telephone number: (214) 888-4848

V. POWER OF ATTORNEY

A power of attorney from Patent Owner, Birchtech Corp., is being filed concurrently with these Mandatory Notices.

Dated: June 27, 2025

Respectfully submitted,

Birchtech Corp.

/Hamad M. Hamad/

Hamad M. Hamad, Reg. No. 64,641
Justin T. Nemunaitis (*pro hac* forthcoming)
Richard Cochrane (*pro hac* forthcoming)
CALDWELL CASSADY CURRY, P.C.
2121 N. Pearl St., Ste. 1200
Dallas, Texas 75201
Telephone: 214.888.4848
Facsimile: 214.888.4849
hhamad@caldwellcc.com
jnemunaitis@caldwellcc.com
rcochrane@caldwellcc.com
midwest@caldwellcc.com

CERTIFICATE OF SERVICE UNDER 37 C.F.R. § 42.6 (e)(4)

It is hereby certified that on this 27th day of June, 2025, a copy of the foregoing document was served via electronic mail, as consented to by Petitioners upon the following counsel of record:

Robert M. Evans, Jr.
LEWIS RICE LLC
600 Washington Avenue, Suite 2500
St. Louis, Missouri 63101
T: 314-420-2748
E: revans@lewisrice.com

Michael J. Hartley
LEWIS RICE LLC
600 Washington Avenue, Suite 2500
St. Louis, Missouri 63101
T: 314-444-7869
E: mhartley@lewisrice.com

Kathleen M. Petrillo
LEWIS RICE LLC
600 Washington Avenue, Suite 2500
St. Louis, Missouri 63101
T: 314-374-6623
E: kpetrillo@lewisrice.com

Date: June 27, 2025

/Hamad M. Hamad/
Hamad M. Hamad, Reg. No. 64,641