ORAL ARGUMENT NOT YET SCHEDULED

IN THE UNITED STATES COURT OF APPEALS FOR THE DISTRICT OF COLUMBIA CIRCUIT

Utility Air Regulatory Group and American Public Power Association,)))
Petitioners,)
v.) No. 15-1370
U.S. Environmental Protection Agency,)
Respondent.))
Alabama Power Company, Georgia Power Company, Gulf Power Company, Mississippi Power Company,)))
Petitioners,)
v.) No. 15-1371
U.S. Environmental Protection Agency, et al.,)
Respondents.)))

CO ₂ Task Force of the Florida Electric Power Coordinating Group, Inc.,)))
Petitioner,	<i>)</i>)
v.) No. 15-1372
U.S. Environmental Protection Agency,	<i>)</i>)
Respondent.)))
International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers, and Helpers,)))
Petitioner,))
v.	No. 15-1365
U.S. Environmental Protection Agency,))
Respondent.)))
Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc.,)))
Petitioner,))
V.) No. 15-1373
U.S. Environmental Protection Agency,	,)
Respondent.)))

National Rural Electric Cooperative Association; Arizona Electric Power Cooperative, Inc.; Associated Electric Cooperative, Inc.; Big Rivers Electric Corporation; Brazos Electric Power Cooperative, Inc.; Buckeye Power, Inc.; Central Montana Electric Power Cooperative; Central Power Electric Cooperative, Inc.; No. 15-1376 Corn Belt Power Cooperative; Dairyland Power Cooperative; Deseret Generation & Transmission Cooperative; East Kentucky Power Cooperative, Inc.; East River Electric Power Cooperative, Inc.; East Texas Electric Cooperative, Inc.; Georgia Transmission Corporation; Golden Spread Electrical Cooperative, Inc.; Hoosier Energy Rural Electric Cooperative, Inc.; Kansas Electric Power Cooperative, Inc.; Minnkota Power Cooperative, Inc.; North Carolina Electric Membership Corporation; Northeast Texas Electric Cooperative, Inc.; Northwest Iowa Power Cooperative; Oglethorpe Power Corporation; PowerSouth Energy Cooperative; Prairie Power, Inc.; Rushmore Electric Power Cooperative, Inc.; Sam Rayburn G&T Electric Cooperative, Inc.; San Miguel Electric Cooperative, Inc.; Seminole Electric Cooperative, Inc.; South Mississippi Electric Power Association; South Texas Electric Cooperative, Inc.; Southern Illinois Power Cooperative; Sunflower Electric Power Corporation; Tex-La Electric Cooperative of Texas, Inc.; Upper Missouri G. & T. Electric Cooperative, Inc.; Wabash Valley Power Association, Inc.; Western Farmers Electric Cooperative; and Wolverine Power Supply Cooperative, Inc., Petitioners, v. U.S. Environmental Protection Agency, Respondent.

NorthWestern Corporation d/b/a NorthWestern Energy,))
Petitioner,))
v.) No. 15-1378
U.S. Environmental Protection Agency, et al.,))
Respondents.))
	,
Tri-State Generation and Transmission Association, Inc.,)))
Petitioner,))
v.) No. 15-1374
U.S. Environmental Protection Agency,))
Respondent.)))
	`
United Mine Workers of America,	<i>)</i>
Petitioner,))
v.) No. 15-1375
U.S. Environmental Protection Agency,))
Respondent.))

Westar Energy, Inc.,)
Petitioner,))
v.)) No. 15-1377
U.S. Environmental Protection Agency, et al.,)
Respondents.))
	,

On Petition for Review of an Action of the United States Environmental Protection Agency

MOTION OF UTILITY AND ALLIED PETITIONERS FOR STAY OF RULE

F. William Brownell
Allison D. Wood
Tauna M. Szymanski
HUNTON & WILLIAMS LLP
2200 Pennsylvania Avenue, N.W.
Washington, D.C. 20037
Tel: (202) 955-1500
bbrownell@hunton.com
awood@hunton.com
tszymanski@hunton.com

Counsel for Utility Air Regulatory Group and American Public Power Association Karl R. Moor SOUTHERN COMPANY SERVICES, INC. 42 Inverness Center Parkway BIN B231 Birmingham, AL 35242 Tel: (205) 992-6371 krmoor@southernco.com

Counsel for Alabama Power Company, Georgia Power Company, Gulf Power Company, and Mississippi Power Company

Margaret Claiborne Campbell
TROUTMAN SANDERS LLP
600 Peachtree Street, NE, Suite 5200
Atlanta, GA 30308-2216
Tel: (404) 885-3000
margaret.campbell@troutmansanders.com

Counsel for Georgia Power Company

Jeffrey A. Stone BEGGS & LANE, RLLP 501 Commendencia Street Pensacola, FL 32502 Tel: (850) 432-2451 JAS@beggslane.com

Robert A. Manning Gary V. Perko HOPPING GREEN & SAMS, P.A. 119 S. Monroe Street, Suite 300 Tallahassee, FL 32301 Tel: (850) 222-7500 robertm@hgslaw.com garyp@hgslaw.com

Counsel for Gulf Power Company

C. Grady Moore, III
Steven G. McKinney
BALCH & BINGHAM LLP
1901 Sixth Avenue North, Suite 1500
Birmingham, AL 35303-4642
Tel: (205) 251-8100
Fax: (205) 488-5704
gmoore@balch.com
smckinney@balch.com

Filed: 10/23/2015

Counsel for Alabama Power Company

Terese T. Wyly
Ben H. Stone
BALCH & BINGHAM LLP
1310 Twenty Fifth Avenue
Gulfport, MS 39501-1931
Tel: (228) 214-0413
twyly@balch.com
bstone@balch.com

Counsel for Mississippi Power Company

Robert A. Manning Fla. Bar No. 35173 Joseph A. Brown Fla. Bar No. 76157 HOPPING GREEN & SAMS, P.A. 119 S. Monroe Street, Suite 300 Tallahassee, FL 32301 Tel: (850) 222-7500 robertm@hgslaw.com josephb@hgslaw.com

Counsel for the CO₂ Task Force of the Florida Electric Power Coordinating Group, Inc.

Allison D. Wood Tauna M. Szymanski Andrew D. Knudsen **HUNTON & WILLIAMS LLP** 2200 Pennsylvania Avenue, N.W. Washington, D.C. 20037 Tel: (202) 955-1500 awood@hunton.com tszymanski@hunton.com aknudsen@hunton.com

Counsel for Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc.

Eugene M. Trisko LAW OFFICES OF EUGENE M. TRISKO P.O. Box 596 Berkeley Springs, WV 25411 Tel: (304) 258-1977 Tel: (301) 639-5238 (cell) emtrisko7@gmail.com

Counsel for International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers & Helpers

Of Counsel

Rae Cronmiller
Environmental Counsel
NATIONAL ASSOCIATION OF RURAL
ELECTRIC COOPERATIVES
4301 Wilson Blvd.
Arlington, VA 22203
Tel: (703) 907-5500
rae.cronmiller@nreca.coop

Thomas A. Lorenzen D.C. Cir. Bar No. 394369 Daniel W. Wolff Sherrie A. Armstrong CROWELL & MORING LLP 1001 Pennsylvania Ave., N.W. Washington, D.C. 20004 Tel: (202) 624-2500 tlorenzen@crowell.com dwolff@crowell.com sarmstrong@crowell.com

Filed: 10/23/2015

Counsel for National Rural Electric Cooperative Association; Big Rivers Electric Corporation; Buckeye Power, Inc.; Central Montana Electric Power Cooperative; Central Power Electric Cooperative, Inc., Corn Belt Power Cooperative; Dairyland Power Cooperative; East River Electric Power Cooperative, Inc.; Georgia Transmission Corporation; Kansas Electric Power Cooperative, Inc.; North Carolina Electric Membership Corporation; Northwest Iowa Power Cooperative; Oglethorpe Power Corporation; PowerSouth Energy Cooperative; Prairie Power, Inc.; Seminole Electric Cooperative, Inc.; Southern Illinois Power Cooperative; Sunflower Electric Power Corporation; and Upper Missouri G. & T. Electric Cooperative, Inc.

Eric L. Hiser JORDEN BISCHOFF & HISER, PLC 7272 E. Indian School Road, Suite 360 Scottsdale, AZ 85251 Tel: (480) 505-3927 ehiser@jordenbischoff.com

Counsel for Arizona Electric Power Cooperative, Inc.

Bill Spears SEGREST & SEGREST, P.C. 28015 West Highway 84 McGregor, TX 76657 Tel: (254) 848-2600 bill.spears@segrestfirm.com

Counsel for Brazos Electric Power Cooperative, Inc.

John M. Holloway III, DC Bar # 494459 SUTHERLAND ASBILL & BRENNAN LLP 700 Sixth Street, N.W., Suite 700 Washington, D.C. 20001 Tel: (202) 383-0100 Fax: (202) 383-3593 jay.holloway@sutherland.com

Counsel for East Kentucky Power Cooperative, Inc.; Hoosier Energy Rural Electric Cooperative, Inc.; Minnkota Power Cooperative, Inc.; and South Mississippi Electric Power Association

Brian A. Prestwood Senior Corporate and Compliance Counsel ASSOCIATED ELECTRIC COOPERATIVE, INC. 2814 S. Golden, P.O. Box 754 Springfield, MO 65801 Tel: (417) 885-9273 bprestwood@aeci.org

Filed: 10/23/2015

Counsel for Associated Electric Cooperative, Inc.

David Crabtree Vice President, General Counsel DESERET GENERATION & TRANSMISSION CO-OPERATIVE 10714 South Jordan Gateway South Jordan, UT 84095 Tel: (801) 619-9500 Crabtree@deseretpower.com

Counsel for Deseret Generation & Transmission Co-operative

Patrick Burchette HOLLAND & KNIGHT LLP 800 17th Street, N.W., Suite 1100 Washington, D.C. 20006 Tel: (202) 469-5102 Patrick.Burchette@hklaw.com

Counsel for East Texas Electric Cooperative, Inc.; Northeast Texas Electric Cooperative, Inc.; Sam Rayburn G&T Electric Cooperative, Inc.; and Tex-La Electric Cooperative of Texas, Inc.

Christopher L. Bell GREENBERG TRAURIG LLP 1000 Louisiana Street, Suite 1700 Houston, TX 77002 Tel: (713) 374-3556

bellc@gtlaw.com

Counsel for Golden Spread Electrical Cooperative, Inc.

Mark Walters
D.C. Cir. Bar No. 54161
Michael J. Nasi
D.C. Cir. Bar No. 53850
JACKSON WALKER L.L.P.
100 Congress Avenue, Suite 1100
Austin, TX 78701
Tel: (512) 236-2000
mwalters@jw.com
mnasi@jw.com

Counsel for San Miguel Electric Cooperative, Inc. & South Texas Electric Cooperative, Inc.

Megan H. Berge BAKER BOTTS L.L.P. 1299 Pennsylvania Ave., N.W. Washington, D.C. 20004 Tel: (202) 639-7700 megan.berge@bakerbotts.com

Counsel for Western Farmers Electric Cooperative Steven J. Oberg LYNN, JACKSON, SHULTZ & LEBRUN, P.C. PO Box 8250 Rapid City, SD 57709 Tel: (605) 342-2592 soberg@lynnjackson.com

Counsel for Rushmore Electric Power Cooperative, Inc.

Filed: 10/23/2015

Randolph G. Holt
Jeremy L. Fetty
PARR RICHEY OBREMSKEY FRANDSEN &
PATTERSON LLP
Wabash Valley Power Association, Inc.
722 N. High School Road
P.O. Box 24700
Indianapolis, IN 46224
Tel: (317) 481-2815
R_holt@wvpa.com
jfetty@parrlaw.com

Counsel for Wabash Valley Power Association, Inc.

Steven C. Kohl Gaetan Gerville-Reache WARNER NORCROSS & JUDD LLP 2000 Town Center, Suite 2700 Southfield, MI 48075-1318 Tel: (248) 784-5000 skohl@wnj.com

Counsel for Wolverine Power Supply Cooperative, Inc.

William M. Bumpers
Megan H. Berge
BAKER BOTTS LLP
1299 Pennsylvania Avenue, N.W.
The Warner
Washington, D.C. 20004-2400
Tel: (202) 639-7700
william.bumpers@bakerbotts.com

Counsel for NorthWestern Corporation d/b/a NorthWestern Energy

Grant F. Crandall
General Counsel
UNITED MINE WORKERS OF AMERICA
18354 Quantico Gateway Drive
Triangle, VA 22172
Tel: (703) 291-2429
gcrandall@umwa.org

Arthur Traynor, III Staff Counsel UNITED MINE WORKERS OF AMERICA 18354 Quantico Gateway Drive Triangle, VA 22172 Tel: (703) 291-2457 atraynor@umwa.org

Eugene M. Trisko LAW OFFICES OF EUGENE M. TRISKO P.O. Box 596 Berkeley Springs, WV 25411 Tel: (304) 258-1977 emtrisko7@gmail.com

Counsel for United Mine Workers of America

Allison D. Wood
Tauna M. Szymanski
Andrew D. Knudsen
HUNTON & WILLIAMS LLP
2200 Pennsylvania Avenue, N.W.
Washington, D.C. 20037
Tel: (202) 955-1500
awood@hunton.com
tszymanski@hunton.com
aknudsen@hunton.com

Filed: 10/23/2015

Counsel for Tri-State Generation and Transmission Association, Inc.

William M. Bumpers
Megan H. Berge
BAKER BOTTS LLP
1299 Pennsylvania Avenue, N.W.
The Warner
Washington, D.C. 20004-2400
Tel: (202) 639-7700
william.bumpers@bakerbotts.com

Counsel for Westar Energy, Inc.

Dated: October 23, 2015

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GLOSSARY

CAA Clean Air Act

CO₂ carbon dioxide

EGU electric generating unit

EPA U.S. Environmental Protection Agency

FERC Federal Energy Regulatory Commission

GW gigawatts

MATS Mercury and Air Toxics Standards

RIA Regulatory Impact Analysis

Rule Carbon Pollution Emission Guidelines for Existing Stationary Sources:

Electric Utility Generating Units; Final Rule, 80 Fed. Reg. 64,662 (Oct.

23, 2015)

INTRODUCTION

Filed: 10/23/2015

Utility and Allied Petitioners request that this Court stay the U.S.

Environmental Protection Agency's ("EPA") final Rule setting limits for carbon dioxide ("CO₂") emissions from existing fossil fuel-fired power plants.¹ In the Rule, EPA asserts that a mere five words in a rarely used provision of the Clean Air Act ("CAA")—"best system of emission reduction"—give it unprecedented authority to require States to restructure the nation's energy industry by reducing the electricity generated by certain types of facilities (primarily coal-fired power plants) and by shifting that generation to EPA-favored facilities (e.g., wind and solar facilities) that emit less CO₂. This shift will substantially increase costs to the public and jeopardize the reliability of the nation's electricity system.

EPA claims to find authority for this extraordinary Rule in Section 111(d) of the CAA, which authorizes the *States* to establish "performance" standards for existing sources in a category (such as fossil fuel-fired electric generating units ("EGUs")), and requires those standards to be "achievable" through "adequately demonstrated" emission-reducing technological upgrades (e.g., scrubbers) or operational processes (e.g., switching from high-sulfur coal to low-sulfur coal) at each such source. *See* 42 U.S.C. § 7411(a)(1), (d). That is what the statute says and that is

¹ Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units; Final Rule ("Rule"), 80 Fed. Reg. 64,662 (Oct. 23, 2015), Att. A. In August 2015, several petitioners requested that EPA stay the Rule. *See, e.g.*, Administrative Stay Petition of the Utility Air Regulatory Group (Aug. 24, 2015), Docket ID No. EPA-HQ-OAR-2013-0602-35728. EPA has not granted a stay.

how EPA has consistently interpreted it for decades. Now EPA purports to find in Section 111(d) new authority to force CO₂-emitting EGUs to curtail their "performance" or to shutter entirely in order to accomplish EPA's mandated emission reductions of up to 48 percent, depending on the State.² This is because no single unit in the source category can achieve EPA's standards while continuing to perform, even through the use of technological controls or operational processes. To avoid electricity shortages, that lost capacity must be made up by lower- or zeroemission facilities that EPA prefers. EPA conservatively forecasts the Rule will force nearly 11 gigawatts ("GW") of coal-fired EGUs to shutter in 2016 alone, the amount needed to keep the lights on in more than two-and-a-half million homes. See, e.g., Pemberton Decl. ¶ 13, Att. B. EPA, however, cannot show that Congress intended to allow any federal agency—much less one not even tasked with setting energy policy to so radically restructure the nation's electricity system, bypassing all federal and state energy laws and the regulators that have overseen the industry for over seventy years.

EPA concedes that the Rule was born out of frustration with congressional

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² Heidell & Repsher Decl. (Exhibit, PA Consulting Group, Inc., "A Survey of Near-Term Damages Associated with the EPA's Clean Power Plan," at 3 (Oct. 16, 2015)), Att. C.

³ See Energy Ventures Analysis, Inc., "Evaluation of the Immediate Impact of the Clean Power Plan Rule on the Coal Industry," at 15 (Oct. 2015), available at http://www.nma.org/pdf/EVA-Report-Final.pdf ("EVA Report").

inaction.⁴ Our constitutional structure, however, as well as settled principles of administrative law, requires an agency to have clear statutory authority from Congress before it adopts a sweeping regulation imposing billions in costs. As the Supreme Court has explained, "no matter how 'important, conspicuous, and controversial' the issue, … an administrative agency's power to regulate … must always be grounded in a valid grant of authority from Congress." *FDA v. Brown & Williamson Tobacco Corp.*, 529 U.S. 120, 161 (2000) (internal citation omitted). No such authority exists here. Petitioners are likely to succeed on the merits for these and other compelling reasons.⁵

The Supreme Court's recent decision in *Michigan v. EPA*, 135 S. Ct. 2699 (2015), overturning EPA's Mercury and Air Toxics Standards ("MATS"), 77 Fed. Reg. 9304 (Feb. 16, 2012), shows why a stay is needed here. Just days before *Michigan* was decided, EPA Administrator Gina McCarthy boasted that, as a simple result of the time required to litigate the MATS rule, "[m]ost of [the regulated EGUs] are already in compliance, [and] investments have been made." Thus, she said, "we're still going to get at the toxic pollution from these facilities" no matter how the Supreme Court

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⁴ Valerie Richardson, *On climate change, Obama, EPA plan action without Congress*, WASHINGTON TIMES, Aug. 14, 2013, http://www.washingtontimes.com/news/2013/aug/14/climate-change-obama-epa-plan-action-sans-congress/.

⁵ For example, because EGUs are already regulated under Section 112 of the CAA, 42 U.S.C. § 7412, they are not subject to regulation under Section 111(d).

⁶ Timothy Cama & Lydia Wheeler, *Supreme Court overturns landmark EPA air pollution rule*, THE HILL, June 29, 2015, *available at* http://thehill.com/policy/energy-environment/246423-supreme-court-overturns-epa-air-pollution-rule. *See also* Patton Decl. ¶ 15, Att. D.

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ruled. By setting this Rule's first binding deadline for September 6, 2016 (when the Rule will still be under judicial review), and openly pressing that 2016 be "a year of implementation," EPA again attempts to lock in regulatory outcomes before a court can determine the regulation's validity, and to thwart this Court's ability to grant meaningful relief.

Utility and Allied Petitioners will suffer immediate and irreparable harm absent a stay because planning, permitting, and constructing new generation takes years, and thus must begin now to meet the Rule's compliance obligations in 2022. The public interest also decisively favors a stay, as the Rule will cause substantial electricity rate increases and jeopardize reliability, while doing little to reduce global greenhouse gas emissions. This Court should stay the Rule while it considers the petitions for review.

BACKGROUND

I. Statutory and Regulatory Background

Section 111 governs performance standards for "stationary sources" of air pollution. 42 U.S.C. § 7411. Under Section 111(b), EPA establishes nationally applicable "standards of performance" to control emissions from "new sources." Id. § 7411(b) (emphasis added). Under Section 111(d), the *States* develop source-specific "standards of performance for ... existing source[s]." Id. § 7411(d)(1) (emphasis

⁷ *Id*.

⁸ William Mauldin & Colleen McCain Nelson, U.S., China Build on Plan to Cut Emissions, WALL ST. J., Sept. 15, 2015, available at http://www.wsj.com/articles/u-schina-build-on-climate-accord-1442342194 (subscription required).

added). In both cases, the standards must be "achievable through application of the best system of emission reduction ... [that] the Administrator determines has been adequately demonstrated." Id. § 7411(a)(1) (emphases added). EPA purports to find its vast authority to restructure the nation's electric industry in the five-word phrase, "best system of emission reduction."

Unlike new sources, which can incorporate state-of-the-art control systems and operational processes into their design and construction, *existing* sources must be retrofitted to achieve emissions reductions. For some sources, retrofitting might be either physically impossible or economically prohibitive. Congress thus limited the circumstances in which performance standards could be established for existing sources. For example, existing sources that are regulated under Section 112 of the CAA are not subject to performance standards under Section 111(d). *Id.* § 7411(d)(1). Moreover, in establishing and determining the applicability of standards and compliance schedules, EPA and the States must "take into consideration, among other factors, the remaining useful life of the existing source to which such standard applies." *Id.* In other words, existing source standards may be less stringent than new source standards, and they may be excused altogether for a specific source based on factors such as the source's remaining useful life.

II. EPA's 111(d) Rule for Existing EGUs

EPA concedes that no pollution control measure or process can be installed at any existing EGU to achieve the Rule's emission rates. 80 Fed. Reg. at 64,728

("[M]ost of the CO₂ controls need to come in the form of those other measures ... that involve, in one form or another, replacement of higher emitting generation with lower- or zero-emitting generation."). Rather, the Rule establishes CO₂ performance rates that can be achieved, if at all, only by measures applied across the electric grid, including shifting generation from fossil fuel-fired EGUs to those with low or no CO₂ emissions. The Rule thus establishes a "system of emission reduction" for the "grid," not for individual EGUs as required by the statute.

The Rule essentially dictates the market share of each generation fuel-type, shifting generation from EPA-disfavored sources (such as coal-fired EGUs) to those it prefers (such as wind and solar). EPA accomplishes this through what it calls "Building Blocks." The first Building Block assumes increased efficiency targets for coal-fired EGUs, because using less coal to generate the same amount of electricity will result in fewer CO₂ emissions. The second Building Block assumes increased utilization of natural gas combined cycle units—forcing CO₂ emission reductions by shifting generation from coal-fired EGUs to lower-emitting natural gas-fired EGUs. The third Building Block forces CO₂ emission reductions by displacing higher-emitting generation with zero-emission generation from renewable energy sources.

EPA uses these shifts in generation to set CO₂ performance standards for individual existing fossil-fuel fired power plants—standards that not only are unachievable by any existing EGU with emission control processes but that are significantly more stringent than EPA's simultaneously announced standards for *new*

power plants under Section 111(b). See 80 Fed Reg. 64,510 (Oct. 23, 2015) (new source rule). From this, EPA also establishes state-by-state CO₂ emissions targets. EPA claims that the Rule and its standards are "flexible" because States are "not required" to use the Building Blocks—but no State can meet its CO₂ target except by reducing generation from CO₂-emitting units and, if it wants to make up for the lost capacity, by shifting generation to other types of resources. 80 Fed. Reg. at 64,663, 64,728, 64,734.

State plans implementing the Rule, or requests for extension, must be submitted to EPA by September 6, 2016, almost certainly while the Rule is still under review by this Court. 40 C.F.R. § 60.5760(a). Final plans must demonstrate that the State will meet interim emission targets beginning in 2022, and final targets by 2031. Id. \S 60.5745(a)(2)(i), (a)(5)(ii), (a)(6)(iii). Extension requests are not mere formalities; they must show not only substantial "progress" toward a final plan but also "meaningful" public participation, requiring that state plan development begin now (and that plans be established or well underway by September 2016), regardless of whether the State submits a final plan or an extension request. *Id.* \S 60.5765(a)(1), (3). If a State does not submit an approvable plan or extension request by September 2016 (or if EPA determines the State's plan or extension request is not "justified," 80 Fed. Reg. at 64,675), EPA will impose a federal plan. 40 C.F.R. § 60.5840(b).

Preparing final plans or extension requests will require many States to immediately start the legislative and regulatory process to rewrite utility laws and regulations, and to abandon their historical practice of protecting consumers by requiring the lowest cost generators to be utilized first. The Rule drives a shift away from this traditional "least-cost dispatch" electricity planning to a centrally planned model that prioritizes electricity generation based on CO₂ emissions rather than on cost and reliability. The legislative and regulatory changes that States must undertake to implement this shift require Utility Petitioners immediately to both plan for and undertake costly measures to comply with the Rule. Indeed, this shift will require an historic transformation in the way Utility Petitioners operate their businesses. *See, e.g.*, Greene Decl. ¶¶ 10, 13-14, Att. E; Voyles Decl. ¶ 5, Att. F.

ARGUMENT

This Court considers four factors in issuing a stay: (1) the likelihood movants will prevail on the merits; (2) the likelihood of irreparable harm to movants in the absence of a stay; (3) the possibility of substantial harm to others if a stay is granted; and (4) the public interest. *Wash. Metro. Area Transit Comm'n v. Holiday Tours, Inc.*, 559 F.2d 841, 842-43 (D.C. Cir. 1977); D.C. Cir. R. 18(a). All four factors favor a stay.

- I. Utility and Allied Petitioners Are Likely To Prevail on the Merits.
 - A. EPA Exceeded Its Authority Under Section 111(d).
- 1. Petitioners will prevail on the merits because EPA exceeded its authority under Section 111(d). Section 111 authorizes performance standards for new and existing sources that are "achievable through the application of the best system of emission reduction" that is "adequately demonstrated" for that source. 42 U.S.C. §

7411(a)(1). In other words, Section 111 requires sources of air pollution to install new technology, like scrubbers, or to employ operational processes, like burning cleaner coal, to reduce air pollution. In every performance standard adopted over the past forty-five years, EPA has applied a "best system of emission reduction" that achieves a lower emission rate through technologies or operational processes applied at the individual source. See, e.g., 40 Fed. Reg. 53,340, 53,342 (Nov. 17, 1975) ("the technologybased approach of ... section [111] ... extend[s] ... to action under section 111(d)."). That is how every technology-based environmental program works. But that is not how this Rule works.

Ignoring the Supreme Court's instruction that statutory terms "must be read in their context and with a view to their place in the overall statutory scheme," EPA in the Rule has abandoned the well-established and contextually compelled meaning of "best system of emission reduction." Util. Air Regulatory Grp. v. EPA, 134 S. Ct. 2427, 2441 (2014) (internal quotation marks and citation omitted) ("UARG"). Instead, EPA focuses on the word "system" in isolation, finds a dictionary that defines it as any "set of things," and then re-defines "system of emission reduction" as any "set of

⁹ Federal environmental law includes two types of programs: (i) those requiring facilities to install pollution controls or to adopt operating processes that reduce the rate at which pollutants are released during production, see, e.g., 33 U.S.C. §§ 1311(b) (effluent limitations), 1314(b) (same); 42 U.S.C. §§ 7411 (source performance standards), 7475(a)(4) (best available control technology), and (ii) those authorizing limits on levels of pollution, see, e.g., 33 U.S.C. § 1312 (water quality standards); 42 U.S.C. §§ 7651, et seq. (acid rain program), 7409 (national ambient air quality standards). Section 111 is a classic example of an emission rate program.

measures [undertaken anywhere] that work together to reduce emissions." 80 Fed. Reg. at 64,720. According to EPA, these "measures" allow EPA to fundamentally restructure the way the nation's electricity is generated, by requiring reduced generation (rather than improved emission performance) from existing EGUs that emit CO₂. What EPA has promulgated, then, is not a standard of performance, but a standard of nonperformance under which there is no limit on EPA's authority to govern and transform the country's electric sector, and to do so at a cost—by EPA's own admission—of billions of dollars per year. 10

But Congress has never given EPA the authority—under Section 111(d)¹¹ or otherwise—to mandate that coal-fired power plants be closed or curtailed and replaced with other forms of generation or to otherwise impose generic constraints on their generation. See, e.g., S. Con. Res. 8, S. Amdt. 646, 113th Cong. (2013) (rejecting carbon tax); Climate Prot. Act of 2013, S. 332, 113th Cong. (2013) (rejecting fees on greenhouse gas emissions); Clean Energy Jobs & Am. Power Act, S. 1733, 111th Cong. (2009) (rejecting greenhouse gas cap-and-trade program); compare The Powerplant and Industrial Fuel Use Act of 1978, 42 U.S.C. §§ 8301 et seq. (prohibiting new oil- and gas-fired generation in favor of coal-fired generation). "When an agency

¹⁰ EPA, Regulatory Impact Analysis for the Clean Power Plan Final Rule at 3-22 to 3-23, 3-25 to 3-27, 3-30 (Aug. 2015) ("RIA"), available at http://www2.epa.gov/ cleanpowerplan/clean-power-plan-final-rule-regulatory-impact-analysis.

¹¹ The author of Section 111(d) recently described that provision as a "tiny little gap." Elizabeth Harball, 111(d) author says Clean Air Act 'not the best way' to curb emissions, CLIMATEWIRE, Oct. 16, 2015, available at http://www.eenews.net/ climatewire/2015/10/16/stories/1060026413 (subscription required).

claims to discover in a long-extant statute an unheralded power to regulate a significant portion of the American economy," courts "typically greet its announcement with a measure of skepticism." *UARG*, 134 S. Ct. at 2444 (internal quotation marks and citation omitted). Here, the text, context, and historical understanding of Section 111 defeat this "enormous and transformative expansion in EPA's regulatory authority." *Id*.

2. Petitioners will also prevail because the Rule establishes performance standards that are not "achievable" through application of any control technology or operating process that is "adequately demonstrated" for use at any individual EGU. 42 U.S.C. § 7411(a)(1). Section 111 applies to "stationary sources" of air pollution, which Congress has defined as "any building, structure, facility, or installation which emits or may emit any air pollutant." *Id.* § 7411(a)(3). Rather than basing the Rule on "pollution control systems that will limit emissions to the level 'achievable through ... adequately demonstrated" techniques at individual facilities, as the statute requires, see ASARCO, Inc. v. EPA, 578 F.2d 319, 327 (D.C. Cir. 1978) (internal citation omitted), EPA redefines "source" to "include[] the 'owner or operator' of any building ... for which a standard of performance is applicable" and to exclude only those "actions beyond the ability of the [source's] owners/operators to control." 80 Fed. Reg. at 64,762 & n.472. On this basis, EPA concludes, Section 111(d) performance standards may reflect "overall emission reductions" from combinations of sources (including sources, such as renewables, that are outside the source category). *Id.* at 64,762,

64,779, 64,911. This reading of "source" eviscerates the limits Congress placed on what is regulated under Section 111(d). As in ASARCO, other facilities at a plant site—or spread over the electric grid—cannot be used to define another facility's on-

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requiring a plant owner/operator to shift generation to other types of plants.

site performance standard obligation. Yet, that is precisely what the Rule does,

Section 111(d) also requires that the performance standard be based on a system that is "adequately demonstrated." 42 U.S.C. § 7411(a)(1). An "adequately demonstrated" system is one that applies to the "source," considering the "cost" of that system, its "health and environmental impact," and "energy requirements" that result from using the "system" of "reduction" at the source. *Id.* § 7411(a)(1), (d)(1); 40 C.F.R. § 60.22(b)(5). There is no demonstrated pollution control equipment or process that can be installed at any existing EGU (or even a new one) that could achieve the Rule's performance rates. *See, e.g.*, Brummett Decl. ¶ 16, Att. G; Ledger Decl. ¶ 10, Att. H; McLennan Decl. ¶ 11, Att. I; Rasmussen Decl. ¶ 3, Att. J; K. Johnson Decl. ¶ 27, Att. K.

3. Petitioners are also likely to prevail because the Rule imposes standards on existing EGUs that are more stringent than any of EPA's new source standards.¹²

¹² The standard for new coal-fired EGUs, for instance, is 1,400 lbs. CO₂/MWh, 95 lbs. *higher* than the 1,305 lb. standard EPA has set for existing coal-fired EGUs. 40 C.F.R. pt. 60, sbpt. TTTT, Tbl. 1; *Id.* sbpt. UUUU, Tbl. 1. The standard for a large reconstructed coal-fired EGU (an EGU that undergoes such significant work that it is then considered to be "new" for purposes of Section 111) is 495 lbs. higher than the

Even the newest EGUs utilizing the technologies specified in the new source performance standards cannot achieve the Rule's emission rates; hence the reallocation of market share based on fuel type embedded in the Rule. This is not a Section 111 performance standard, and it stands the statute (and Congress's intent in crafting a separate and more lenient subsection for existing sources) on its head.

Where an agency claims for itself the authority to resolve "question[s] of deep economic and political significance," courts carefully examine whether Congress has "expressly" "assign[ed]" the agency the power to resolve those issues. King v. Burwell, 135 S. Ct. 2480, 2489 (2015) (internal quotation marks omitted). The Rule's restructuring of the electric sector is not only wholly untethered from the CAA, but is an assertion of authority over energy policy that is greater than what Congress has given to any federal agency, including the Federal Energy Regulatory Commission ("FERC"). By dictating market share for different types of electric generators, the nation's historic energy regulators—FERC and the States—are relegated to the sidelines while EPA becomes the nation's new energy czar.

В. EPA's Rule Is Unlawful for Other Reasons.

The Rule is also unlawful in other ways. As a threshold matter, Section 111(d) prohibits EPA from regulating EGUs because those sources are already regulated under Section 112. 42 U.S.C. § 7411(d)(1). The Rule also addresses matters that

standard for existing coal-fired EGUs and 400 lbs. higher than the standard for new sources. Id. sbpt. TTTT, Tbl. 1.

Congress has preserved as the exclusive province of state public utility commissions, see Pac. Gas & Elec. Co. v. State Energy Res. Conservation & Dev. Comm'n, 461 U.S. 190, 205-06 (1983), and is per se coercive, unconstitutional, and a direct violation of the Tenth Amendment. See New York v. United States, 505 U.S. 144, 188 (1992). These and other reasons for the Rule's invalidity will be developed during merits briefing.

II. Petitioners Will Suffer Imminent and Irreparable Injury Absent a Stay.

The Supreme Court's recent decision holding that EPA acted "unreasonably" when it promulgated MATS came too late for the utility industry. *Michigan*, 135 S. Ct. at 2712. There were no stay proceedings in that case, and thus utilities spent billions of dollars, permanently retired power plants, and committed to irreversible action before the Supreme Court invalidated the rule. *See, e.g.*, McInnes Decl. ¶ 22, Att. L; Patton Decl. ¶ 16. Absent a stay of this Rule, the same will happen here.

A. The Rule Requires Immediate Action by Petitioners.

While the Rule provides that the deadline for final state plans can nominally be extended to 2018, in reality, EPA requires States and Utility Petitioners to undertake significant action in *less than one year*. Indeed, Petitioners must begin taking steps *now* if they are to have resources online in 2022 to replace curtailed or retired generation. *See, e.g.*, Greene Decl. ¶¶ 30, 32-33; Patton Decl. ¶ 24.

To submit a plan or to secure an extension of the plan due date, each State must—before September 6, 2016—begin to identify the coal-fired EGUs it intends to curtail or close, show how it will increase natural gas plant utilization, assess where

and how renewable generation will be constructed, and evaluate how and where the necessary massive infrastructure will be built. The States cannot do this alone. Much of the burden will fall on Utility Petitioners to identify the least costly candidates for closure, plan for load-shifting from coal to natural gas units while maintaining reliability, and undertake infrastructure planning, siting, and permitting for new generation and transmission facilities. See Patton Decl. ¶¶ 20, 22.

Moreover, the electric sector is a long lead-time industry. The 2022 compliance date requires that Utility Petitioners begin now to identify and prepare EGUs for retirement, see, e.g., Heidell & Repsher Decl., PA Consulting Report at 8-9, 10-11; McInnes Decl. ¶ 14; and to prepare for corresponding increases in natural gas and renewable generation, see, e.g., Greene Decl. ¶ 6; Heilbron Decl. ¶ 3, Att. M; L. Johnson Decl. ¶ 26, Att. N. Planning, permitting, and constructing new generation to replace those units will take between three and seventeen years. See, e.g., Pemberton Decl. ¶ 7; Burroughs Decl. ¶ 7, Att. O; McLennan Decl. ¶ 20; Campbell Dec. ¶ 22, Att. P; Voyles Decl. ¶ 5. Similarly, transmission projects can take up to ten years, and gas pipeline infrastructure can take up to seven years. See, e.g., McInnes Decl. ¶¶ 13-15; Heidell & Repsher Decl., PA Consulting Report at 10. EPA expressly "recognizes that successfully achieving reductions by 2022 will be facilitated by actions and investments ... prior to 2022" and "encourage[s] early actions." 80 Fed. Reg. at 64,670. EPA actually estimates that about 70 percent of the final emission reduction target must be achieved before the mandatory compliance period begins in 2022. RIA at 3-20,

Tbl. 3-6 (estimating that 68.9 percent and 70.2 percent of the 2030 reductions are achieved in the rate-based and mass-based cases, respectively, in 2020). Utility Petitioners have no choice but to begin the energy planning mandated by the Rule

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Petitioners have no choice but to begin the energy planning mandated by the Rule now, to fulfill their obligation to provide reliable electricity to customers at just and reasonable rates. See, e.g., McLennan Decl. ¶¶ 21-22, 24; Heilbron Decl. ¶¶ 22-23; cf. 16 U.S.C. § 8240; Jersey Cent. Power & Light Co. v. FERC, 810 F.2d 1168, 1169 (D.C. Cir. 1987).

B. Utility and Allied Petitioners Face Irreparable Harm Now.

For all its complexity, the central feature of the Rule is straightforward: It requires utilities to significantly reduce the use of fossil fuel-fired (and, in particular, coal-fired) EGUs even where such generation is the least-cost, most reliable option. As EPA itself concedes, the Rule will force the retirement of power plants that otherwise have many years of remaining useful life. See, e.g., EVA Report at 15; Brummett Decl. ¶¶ 16-18; Frenzel Decl. ¶ 24, Att. Q; L. Johnson Decl. ¶¶ 10, 24-25.

For each EGU that must be retired or curtailed, Utility Petitioners must carefully plan and implement changes to the system to replace that lost generation.

See, e.g., Voyles Decl. ¶ 5; Burroughs Decl. ¶ 22; Reaves Decl. ¶ 22, Att. R; L. Johnson

¹³ EPA's modeling projects the Rule will cause a net retirement of around 11 GW of capacity at 53 EGUs in 2016 alone. *See* EVA Report at 15, 63 & Ex. 29. EPA further estimates 15 GW will retire by 2020, and 33 GW will retire by 2030. RIA at 3-31, Tbl. 3-12. EPA says its projections are the "best assessment of likely impacts of the [Clean Power Plan] under a range of approaches that states may adopt," *id.* at 3-11, but EPA's projected impacts are almost certainly unrealistically low. *See* Heidell & Repsher Decl., PA Consulting Report at 11-14; EVA Report at 19-25.

Decl. ¶¶ 25-27, 30; Jura Decl. ¶¶ 25-26, 28, Att. S. Coal-fired EGUs located next to mines will experience uniquely severe impacts due to the mutual dependence of the mine and EGU. Brummett Decl. ¶¶ 30-41. Once the decision to retire an EGU and associated infrastructure has been made, it will be difficult or impossible to undo: as resources are diverted from that unit, extraordinary, irreparable harms to both the utilities and the communities they serve will immediately follow. *See, e.g.*, Pemberton Decl. ¶¶ 15, 23; Greene Decl. ¶ 32; Burroughs Decl. ¶ 22; Reaves Decl. ¶ 22; Jura Decl. ¶ 33. These include:

- Loss of jobs and harm to communities: Plant retirements will cause significant job losses, in turn hurting local communities (e.g., falling home prices). See, e.g., Jura Decl. ¶ 32; Reaves Decl. ¶ 2; Heilbron Decl. ¶ 2; Frenzel Decl. ¶ 34; Ledger Decl. ¶ 30.
- Unrecoverable costs of shutting down a plant: Decommissioning, dismantling, and otherwise preparing to retire a power plant involves substantial costs that will either be irreparably borne by utilities or passed on to ratepayers. *See, e.g.*, Heidell & Repsher Decl., PA Consulting Report at 10-11; McInnes Decl. ¶¶ 12, 17; Ledger Decl. ¶ 29.

Utility Petitioners' supporting declarations identify numerous additional harms, including contract cancellation costs for units retiring early, *see*, *e.g.*, Greene Decl. ¶ 34; Burroughs Decl. ¶ 23; Heilbron Decl. ¶ 24; stranded costs from prematurely retired or artificially curtailed units, *see*, *e.g.*, Pemberton Decl. ¶ 28; Patton Decl. ¶ 28; Frenzel Decl. ¶ 8(d); Rasmussen Decl. ¶¶ 9-11; Campbell Dec. ¶ 21; downgraded credit ratings and resulting higher costs of capital, *see*, *e.g.*, McLennan Decl. ¶ 23; Jura Decl. ¶¶ 27, 29, 32; operational disruptions, including lost or displaced investments, *see*, *e.g.*,

Rasmussen Decl. ¶¶ 9-10; Voyles Decl. ¶ 5; costs to maintain resource and transmission adequacy, see, e.g., Heidell & Repsher Decl., PA Consulting Report at 22-24; increases in electricity prices, see, e.g., Brummett Decl. ¶ 28; Campbell Decl. ¶ 24; Ledger Decl. ¶¶ 9, 29; McLennan Decl. ¶¶ 8, 23; Rasmussen Decl. ¶ 9; see also Monongahela Power Co. v. Schriber, 322 F. Supp. 2d 902, 922 (S.D. Ohio 2004) (citing Mich. Bell Tel. Co. v. Engler, 257 F.3d 587, 599 (6th Cir. 2001)) (explaining that increased rates establish irreparable harm), and impacts to local communities as jobs and tax revenues disappear, see, e.g., Burroughs Decl. ¶¶ 24-25; Reaves Decl. ¶¶ 25-26; L. Johnson Decl. ¶¶ 8-14, 32; Brummett Decl. ¶¶ 43-44. 14

Further, as many Declarants and others explain, the construction, planning, development, coordination, siting, and permitting of energy resources to meet future demand is complex and involves tremendous costs and long lead times, see, e.g., K. Johnson Decl. ¶¶ 13 & n.9, 28; Voyles Decl. ¶ 6; Campbell Decl. ¶ 22; Pemberton Decl. ¶ 7; Reaves Decl. ¶ 7; Heilbron Decl. ¶ 7; Frenzel Decl. ¶¶ 26-27; Rasmussen Decl. ¶ 12; EVA Report at 35-43, and will result in unrecoverable compliance costs including:

• Decisions regarding whether to invest in existing fossil fuel-fired EGUs (including emission-reduction measures) or to retire them. See, e.g., L. Johnson Decl. ¶ 29; Jura Decl. ¶ 30; Ledger Decl. ¶ 34. Capital upgrades generally occur

¹⁴ The unique structure of electric cooperatives will force rural and often economically disadvantaged customers to bear the *entire cost* of stranded investments, new infrastructure, downgraded credit ratings, and other costs of complying with the Rule. See, e.g., K. Johnson Decl. ¶¶ 11, 20, 31 & n.8.

during planned outages every 18-36 months and must be coordinated with other utilities' outages. *See* McInnes Decl. ¶ 19; EVA Report at 43.

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• Capital expenditures associated with planning, coordinating, siting, permitting, and constructing new transmission lines, natural gas pipelines and storage, and other infrastructure needed to replace retiring generation and maintain reliability. *See, e.g.*, Frenzel Decl. ¶ 27; Campbell Decl. ¶¶ 2, 3. Such expenditures cannot be recovered absent the approval of the state public utility commission—and even then, would result in rate hikes for customers who cannot themselves recover costs. *See* K. Johnson Decl. ¶ 21.

These impacts constitute irreparable harm because they will have a serious effect on Utility Petitioners' business. *See Thunder Basin Coal Co. v. Reich*, 510 U.S. 200, 220-21 (1994) (Scalia, J., concurring in part and concurring in the judgment) ("[C]omplying with a regulation later held invalid almost *always* produces the irreparable harm of nonrecoverable compliance costs." (emphasis in original)).

III. The Balance of Harms and the Public Interest Favor a Stay.

The final two factors also favor a stay. There is no possibility of substantial and imminent harm to others if a stay is granted. Utility Petitioners have already significantly reduced CO₂ emissions from 2005 levels and are continuing to reduce such emissions even absent the Rule. EVA Report at 4, Ex. 2. A stay would not impact Utility Petitioners' ongoing voluntary emission reduction activities or those undertaken pursuant to state requirements.

The public interest also favors a stay. The public has a strong interest in reliable, affordable electricity. Granting a stay would ensure the Rule will not affect the cost or reliability of the nation's electricity supply unless the Rule is upheld.

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Preserving the status quo would not endanger the public interest in environmental quality. The Rule addresses less than one percent of global human-made greenhouse emissions. EPA does not even claim that the Rule will do anything to halt or mitigate climate change. Thus, the balance of harms and public interest strongly favor a stay. *Cf. In re EPA*, Nos. 15-3799/3822/3853/3887, 2015 WL 5893814, at *3 (6th Cir. Oct. 9, 2015) (staying landmark EPA water rule to "temporarily silence]] the whirlwind of confusion that springs from uncertainty about the requirements of the new Rule and whether they will survive legal testing").

CONCLUSION

For the foregoing reasons, Utility and Allied Petitioners respectfully request the Court stay the Rule and preserve the status quo pending judicial review.

¹⁵ EPA estimates the Rule will reduce U.S. anthropogenic CO₂ emissions by 413-415 million tons in 2030. RIA at 3-19, Tbl. 3-5. The United Nations Intergovernmental Panel on Climate Change ("IPCC") calculated that 2010 global anthropogenic greenhouse gas emissions were 49 billion tons. IPCC, Climate Change 2014, Mitigation of Climate Change, at 6 (2014), *available at* http://report.mitigation 2014.org/spm/ipcc_wg3_ar5_summary-for-policymakers_approved.pdf. Assuming similar global emissions in 2030, EPA's estimated emission reductions due to the Rule would equal just 0.85 percent of global anthropogenic emissions.

Dated: October 23, 2015 Respectfully submitted,

F. William Brownell

Allison D. Wood

Tauna M. Szymanski

HUNTON & WILLIAMS LLP

2200 Pennsylvania Avenue, N.W.

Filed: 10/23/2015

Washington, D.C. 20037

Tel: (202) 955-1500

bbrownell@hunton.com

awood@hunton.com

tszymanski@hunton.com

Counsel for Utility Air Regulatory Group and American Public Power Association

Karl R. Moor SOUTHERN COMPANY SERVICES, INC. 42 Inverness Center Parkway BIN B231 Birmingham, AL 35242 Tel: (205) 992-6371

Counsel for Alabama Power Company, Georgia Power Company, Gulf Power Company, and Mississippi Power Company

krmoor@southernco.com

Margaret Clarborne Compbell/Tong

Margaret Claiborne Campbell
TROUTMAN SANDERS LLP
600 Peachtree Street, NE, Suite 5200
Atlanta, GA 30308-2216
Tel: (404) 885-3000
margaret.campbell@troutmansanders.com

Counsel for Georgia Power Company

C. Grady Moore, 111 Mms

Filed: 10/23/2015

C. Grady Moore, III Steven G. McKinney BALCH & BINGHAM LLP 1901 Sixth Avenue North, Suite 1500 Birmingham, AL 35303-4642

Tel: (205) 251-8100 Fax: (205) 488-5704 gmoore@balch.com smckinney@balch.com

Counsel for Alabama Power Company

Terese T. Wyly TMS

Ben H. Stone

BALCH & BINGHAM LLP 1310 Twenty Fifth Avenue Gulfport, MS 39501-1931

Tel: (228) 214-0413 twyly@balch.com bstone@balch.com

Counsel for Mississippi Power Company

Jeffrey A. Stone BEGGS & LANE, RLLP 501 Commendencia Street Pensacola, FL 32502 Tel: (850) 432-2451 JAS@beggslane.com

Robert A. Manning Gary V. Perko HOPPING GREEN & SAMS, P.A. 119 S. Monroe Street, Suite 300 Tallahassee, FL 32301 Tel: (850) 222-7500 robertm@hgslaw.com garyp@hgslaw.com

Counsel for Gulf Power Company

bent A. Waminatins Robert A. Manning

Fla. Bar No. 35173 Joseph A. Brown Fla. Bar No. 76157

HOPPING GREEN & SAMS, P.A.

Filed: 10/23/2015

119 S. Monroe Street, Suite 300

Tallahassee, FL 32301 Tel: (850) 222-7500 robertm@hgslaw.com josephb@hgslaw.com

Counsel for the CO₂ Task Force of the Florida Electric Power Coordinating Group, Inc.

Eugene M. Trisko

LAW OFFICES OF EUGENE M. TRISKO

P.O. Box 596

Berkeley Springs, WV 25411

Tel: (304) 258-1977

Tel: (301) 639-5238 (cell)

emtrisko7@gmail.com

Counsel for International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers & Helpers

Allison D. Wood

Tauna M. Szymanski

Andrew D. Knudsen

HUNTON & WILLIAMS LLP

2200 Pennsylvania Avenue, N.W.

Washington, D.C. 20037

Tel: (202) 955-1500

awood@hunton.com

tszymanski@hunton.com

aknudsen@hunton.com

Counsel for Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc.

Of Counsel

Rae Cronmiller
Environmental Counsel
NATIONAL ASSOCIATION OF RURAL
ELECTRIC COOPERATIVES
4301 Wilson Blvd.
Arlington, VA 22203
Tel: (703) 907-5500
rae.cronmiller@nreca.coop

Thomas A. branzu TMS

Filed: 10/23/2015

Thomas A. Lorenzen
D.C. Cir. Bar No. 394369
Daniel W. Wolff
Sherrie A. Armstrong
CROWELL & MORING LLP
1001 Pennsylvania Ave., N.W.
Washington, D.C. 20004
Tel: (202) 624-2500
tlorenzen@crowell.com
dwolff@crowell.com
sarmstrong@crowell.com

Counsel for National Rural Electric Cooperative Association; Big Rivers Electric Corporation; Buckeye Power, Inc.; Central Montana Electric Power Cooperative; Central Power Electric Cooperative, Inc., Corn Belt Power Cooperative; Dairyland Power Cooperative; East River Electric Power Cooperative, Inc.; Georgia Transmission Corporation; Kansas Electric Power Cooperative, Inc.; North Carolina Electric Membership Corporation; Northwest Iowa Power Cooperative; Oglethorpe Power Corporation; PowerSouth Energy Cooperative; Prairie Power, Inc.; Seminole Electric Cooperative, Inc.; Southern Illinois Power Cooperative; Sunflower Electric Power Corporation; and Upper Missouri G. & T. Electric Cooperative, Inc.

Euich Hiser Tims

Eric L. Hiser

JORDEN BISCHOFF & HISER, PLC

7272 E. Indian School Road, Suite 360

Scottsdale, AZ 85251

Tel: (480) 505-3927

ehiser@jordenbischoff.com

Counsel for Arizona Electric Power Cooperative, Inc.

Bill Spears

SEGREST & SEGREST, P.C.

28015 West Highway 84

McGregor, TX 76657 Tel: (254) 848-2600

hill spears@secrestfirm

bill.spears@segrestfirm.com

Counsel for Brazos Electric Power Cooperative, Inc.

Brian A. Prestwood Times

Filed: 10/23/2015

Brian A. Prestwood

Senior Corporate and Compliance

Counsel

ASSOCIATED ELECTRIC COOPERATIVE,

INC.

2814 S. Golden, P.O. Box 754

Springfield, MO 65801

Tel: (417) 885-9273

bprestwood@aeci.org

Counsel for Associated Electric Cooperative, Inc.

David Crabtree

Vice President, General Counsel

DESERET GENERATION & TRANSMISSION

CO-OPERATIVE

10714 South Jordan Gateway

South Jordan, UT 84095

Tel: (801) 619-9500

Crabtree@deseretpower.com

Counsel for Deseret Generation & Transmission Co-operative John M. Holloway, III tras

John M. Holloway III, DC Bar # 494459 SUTHERLAND ASBILL & BRENNAN LLP 700 Sixth Street, N.W., Suite 700 Washington, D.C. 20001

Tel: (202) 383-0100 Fax: (202) 383-3593

jay.holloway@sutherland.com

Counsel for East Kentucky Power Cooperative, Inc.; Hoosier Energy Rural Electric Cooperative, Inc.; Minnkota Power Cooperative, Inc.; and South Mississippi Electric Power Association Patrick Burchette

HOLLAND & KNIGHT LLP 800 17th Street N.W., Suite 1100

Filed: 10/23/2015

Washington, D.C. 20006

Tel: (202) 469-5102

Patrick.Burchette@hklaw.com

Counsel for East Texas Electric Cooperative, Inc.; Northeast Texas Electric Cooperative, Inc.; Sam Rayburn G&T Electric Cooperative, Inc.; and Tex-La Electric Cooperative of Texas, Inc.

Christopher L. Bell

Greenberg Traurig LLP 1000 Louisiana Street, Suite 1700

Houston, TX 77002 Tel: (713) 374-3556 bellc@gtlaw.com

Counsel for Golden Spread Electrical Cooperative, Inc.

Steven J. Oberg

LYNN, JACKSON, SHULTZ & LEBRUN, P.C.

PO Box 8250

Rapid City, SD 57709

Tel: (605) 342-2592

soberg@lynnjackson.com

Counsel for Rushmore Electric Power Cooperative, Inc.

Wark Waltag Tims

Mark Walters

D.C. Cir. Bar No. 54161

Michael J. Nasi

D.C. Cir. Bar No. 53850

JACKSON WALKER L.L.P.

100 Congress Avenue, Suite 1100

Austin, TX 78701

Tel: (512) 236-2000

mwalters@jw.com

mnasi@jw.com

Counsel for San Miguel Electric Cooperative, Inc. and South Texas Electric Cooperative, Inc.

Megan H. Berge

BAKER BOTTS L.L.P.

1299 Pennsylvania Ave., N.W.

Washington, D.C. 20004

Tel: (202) 639-7700

megan.berge@bakerbotts.com

Counsel for Western Farmers Electric Cooperative Randolph G. Holt

Jeremy L. Fetty

PARR RICHEY OBREMSKEY FRANDSEN &

PATTERSON LLP

Wabash Valley Power Association, Inc.

722 N. High School Road

Filed: 10/23/2015

P.O. Box 24700

Indianapolis, IN 46224

Tel: (317) 481-2815

R_holt@wvpa.com

jfetty@parrlaw.com

Counsel for Wabash Valley Power Association, Inc.

Steven C. Kohl

Gaetan Gerville-Reache

WARNER NORCROSS & JUDD LLP

2000 Town Center, Suite 2700

Southfield, MI 48075-1318

Tel: (248) 784-5000

skohl@wnj.com

Counsel for Wolverine Power Supply Cooperative, Inc.

MILIZANIM BUMBAS ITM

William M. Bumpers

Megan H. Berge BAKER BOTTS LLP

1299 Pennsylvania Avenue, N.W.

The Warner

Washington, D.C. 20004-2400

Tel: (202) 639-7700

william.bumpers@bakerbotts.com

Counsel for NorthWestern Corporation d/b/a NorthWestern Energy

Allison D. Wood

Tauna M. Szymanski

Andrew D. Knudsen

HUNTON & WILLIAMS LLP

2200 Pennsylvania Avenue, N.W.

Filed: 10/23/2015

Washington, D.C. 20037

Tel: (202) 955-1500

awood@hunton.com

tszymanski@hunton.com

aknudsen@hunton.com

Counsel for Tri-State Generation and Transmission Association, Inc.

Grant F. Crandall
General Counsel
UNITED MINE WORKERS OF AMERICA
18354 Quantico Gateway Drive
Triangle, VA 22172
Tel: (703) 291-2429
gcrandall@umwa.org

Arthur Traynor, III
Staff Counsel
UNITED MINE WORKERS OF AMERICA
18354 Quantico Gateway Drive
Triangle, VA 22172
Tel: (703) 291-2457
atraynor@umwa.org

Eugene M. Trisko LAW OFFICES OF EUGENE M. TRISKO P.O. Box 596 Berkeley Springs, WV 25411 Tel: (304) 258-1977 emtrisko7@gmail.com

Counsel for United Mine Workers of America

Dated: October 23, 2015

William M. Bumpers TMS
William M. Bumpers

Filed: 10/23/2015

William M. Bumpers
Megan H. Berge
BAKER BOTTS LLP
1299 Pennsylvania Avenue, N.W.
The Warner
Washington, D.C. 20004-2400
Tel: (202) 639-7700
william.bumpers@bakerbotts.com

Counsel for Westar Energy, Inc.

CERTIFICATE OF COMPLIANCE WITH CIRCUIT RULE 18(a)(2)

I certify that on October 23, 2015, Eric Hostetler, counsel for the Respondents U.S. Environmental Protection Agency, et al., was informed by telephone of the filing of the Motion of Utility and Allied Petitioners for Stay of Rule.

Tauna M. Szymanski

Filed: 10/23/2015

CERTIFICATE OF SERVICE

I hereby certify that on this 23rd day of October 2015, one copy of the foregoing Motion of Utility and Allied Petitioners for Stay of Rule was e-mailed to each of the following pursuant to Respondents' agreement to accept service by e-mail upon the named individuals in lieu of hand delivery:

Scott Jordan
U.S. Environmental Protection Agency
jordan.scott@epa.gov

Howard Hoffman U.S. Environmental Protection Agency hoffman.howard@epa.gov

Eric Hostetler U.S. Department of Justice eric.hostetler@usdoj.gov

Norman Rave U.S. Department of Justice norman.rave@usdoj.gov

Tauna M. Szymanski

ADDENDUM PURSUANT TO CIRCUIT RULE 18(a)(4)

Filed: 10/23/2015

UTILITY AND ALLIED PETITIONERS' CERTIFICATE AS TO PARTIES AND AMICI

Pursuant to Circuit Rules 18(a)(4), 27(a)(4), and 28(a)(1)(A), Utility and Allied Petitioners state as follows:

A. Parties, Intervenors, and Amici Curiae

These cases involve the following parties:

Petitioners:

No. 15-1370: Utility Air Regulatory Group and American Public Power Association.

No. 15-1371: Alabama Power Company, Georgia Power Company, Gulf Power Company, Mississippi Power Company.

No. 15-1372: CO₂ Task Force of the Florida Electric Power Coordinating Group, Inc.

No. 15-1365: International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers, and Helpers.

No. 15-1373: Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc.

No. 15-1376: National Rural Electric Cooperative Association; Arizona Electric Power Cooperative, Inc.; Associated Electric Cooperative, Inc.; Big Rivers Electric Corporation; Brazos Electric Power Cooperative, Inc.; Buckeye Power, Inc.; Central Montana Electric Power Cooperative; Central Power Electric Cooperative,

Filed: 10/23/2015

Inc.; Corn Belt Power Cooperative; Dairyland Power Cooperative; Deseret Generation & Transmission Co-operative; East Kentucky Power Cooperative, Inc.; East River Electric Power Cooperative, Inc.; East Texas Electric Cooperative, Inc.; Georgia Transmission Corporation; Golden Spread Electrical Cooperative, Inc.; Hoosier Energy Rural Electric Cooperative, Inc.; Kansas Electric Power Cooperative, Inc.; Minnkota Power Cooperative, Inc.; North Carolina Electric Membership Corporation; Northeast Texas Electric Cooperative, Inc.; Northwest Iowa Power Cooperative; Oglethorpe Power Corporation; PowerSouth Energy Cooperative; Prairie Power, Inc.; Rushmore Electric Power Cooperative, Inc.; Sam Rayburn G&T Electric Cooperative, Inc.; San Miguel Electric Cooperative, Inc.; Seminole Electric Cooperative, Inc.; South Mississippi Electric Power Association; South Texas Electric Cooperative, Inc.; Southern Illinois Power Cooperative; Sunflower Electric Power Corporation; Tex-La Electric Cooperative of Texas, Inc.; Upper Missouri G. & T. Electric Cooperative, Inc.; Wabash Valley Power Association, Inc.; Western Farmers Electric Cooperative; and Wolverine Power Supply Cooperative, Inc.

No. 15-1378: NorthWestern Corporation d/b/a NorthWesternEnergy.

No. 15-1374: Tri-State Generation and Transmission Association, Inc.

No. 15-1375: United Mine Workers of America.

No. 15-1377: Westar Energy, Inc.

Respondents:

Respondents are the United States Environmental Protection Agency (in Nos. 15-1365, 15-1370, 15-1372, 15-1373, 15-1374, 15-1375, 15-1376), and the United States Environmental Protection Agency and Gina McCarthy, Administrator (in Nos. 15-1371, 15-1377, 15-1378).

Intervenors and Amici Curiae:

There are no intervenors or amici curiae in these cases.