

FOR IMMEDIATE RELEASE

### **PJM Statement on the Newly Issued EPA Greenhouse Gas and Related Regulations**

(Valley Forge, PA – May 8, 2024) – PJM provides this statement concerning the EPA rule on New Source Performance Standards for Greenhouse Gas Emissions and the other EPA regulations promulgated on April 25, 2024.

PJM has the responsibility to ensure both short- and longer-term reliability for the 65 million people we serve in a region spanning 13 states plus the District of Columbia. “Reliability” in this context refers both to the day-to-day work of managing the grid to keep the system in balance as well as ensuring that, looking forward, there are adequate resources available and committed to serve the expected demand for electricity in future years.

Because of these unique responsibilities, PJM and other affected RTOs have been extensively involved in EPA rulemakings dating back to the Mercury and Air Toxics Standards rule promulgated on Dec. 16, 2011. Our role in these rulemakings has been to ensure that, in developing proposed environmental rules, EPA has appropriately taken into account the reliability needs of our respective grids.

Consistent with this past level of involvement, PJM worked cooperatively with MISO, SPP and ERCOT (the RTOs most affected by the EPA rule) to craft a set of detailed comments to EPA raising our collective reliability concerns with EPA’s initial proposed greenhouse gas (GHG) rule. Our comments and subsequent meetings with EPA were focused on:

- Educating EPA as to the reliability needs of our respective systems and the potential impact that the then-proposed GHG Rule could have on both day-to-day reliability and resource adequacy; and
- Providing to EPA constructive proposals to help mitigate, from a reliability perspective, potential adverse impacts of the then-proposed Rule with a particular focus on ensuring adequate flexibility within the Rule for grid operators to be able to address both short-term reliability issues and resource adequacy within their regions.

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Noting the RTO Comments, in its Final Rule issued on April 24, 2024, EPA made certain adjustments to its initial proposal. Those adjustments altered the resources impacted by the rule and provided additional tools that can help provide flexibility to address reliability issues. PJM is appreciative of EPA's acknowledgment of the importance of the existing resources to reliability, of the need for more flexibility, and its consideration of the Joint RTO Comments. The specific adjustments that were grounded in the Joint RTO Comments and adopted in the Final Rule included:

- **Treatment of Existing Gas Resources** – Removing existing gas from this rulemaking to be addressed holistically in a separate rulemaking
- **State-Specific Compliance Flexibility** – Availability of flexibility for the states to address reliability issues, taking into account the remaining useful life and other factors that affect needed units
- **Averaging** – Allowing unit owners to average their compliance obligations over multiple units to ensure least-cost compliance
- **Emissions Trading** – Authorizing states to utilize allowance trading to minimize compliance costs and burdens
- **Mass-Based Programs** – Authorizing states to potentially utilize an emissions cap rather than controlling the rate of emissions from each affected unit
- **Short-Term Reliability Mechanisms** – Allowing needed units to operate for emergencies without jeopardizing compliance with the rule
- **Timeline Extensions** – Providing extensions for retiring units needed for reliability and units needing more time to install controls, with state discretion for longer periods

### ***PJM's Continuing Reliability Concerns***

Although we appreciate EPA's adoption of certain flexibility measures in response to our proposals, areas of concern remain related to ensuring reliability given the impact of the Final EPA Rule:

- The new rules governing both existing coal and new natural gas are premised on EPA's finding that carbon capture and sequestration (CCS) technology represents the "best" system of emissions reduction, which will be commercially available at a reasonable cost. However, the availability of CCS is highly dependent on local topology, such as salt caverns available to sequester carbon and the availability of a pipeline infrastructure to transport carbon emissions from individual generating plants to CCS sites potentially hundreds of miles away. There is very little evidence, other than some limited CSS projects, that this technology and associated transportation infrastructure would be widely available throughout the country in time to meet the compliance deadlines under the Rule.

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- The Final Rule imposes the most stringent requirements on new gas and existing coal units that operate as baseload units. Although EPA has focused on these units given that they have greater emissions, these baseload units provide a critical reliability role. We are seeing vastly increased demand as a result of new data center load, electrification of vehicles and increased electric heating load. The future demand for electricity cannot be met simply through renewables given their intermittent nature. Yet in the very years when we are projecting significant increases in the demand for electricity, the Final Rule may work to drive premature retirement of coal units that provide essential reliability services and dissuade new gas resources from coming online. The EPA has not sufficiently reconciled its compliance dates with the need for generation to meet dramatically increasing load demands on the system.
- The Final Rule is premised on the availability of increased access to natural gas infrastructure to support the Rule's "co-firing with gas" compliance option for existing coal units. The present gas pipeline system is largely fully subscribed. Moreover, given local opposition, it has proven extremely difficult to site new pipelines just to meet today's needs, let alone a significantly increased need for natural gas in the future. The Final Rule, which is premised, in part, on the availability of natural gas for co-firing or full conversion, does not sufficiently take into account these limitations on the development of new pipeline infrastructure.
- EPA has left many issues for development in individual state implementation plans. Although this is appropriate and in keeping with the structure of the Clean Air Act, each of the multi-state RTOs like PJM operate a single dispatch. As a result, states will need to coordinate and work closely together to ensure that the individual state plans work well on a regional basis. As a result, the need for regional coordination of individual State Implementation Plans is more important than ever. PJM values its continued collaboration with the other affected RTOs (MISO, SPP and ERCOT) and looks forward to working with the U.S. EPA, individual states and affected stakeholders as this process continues.

*[PJM Interconnection](#), founded in 1927, ensures the reliability of the high-voltage electric power system serving 65 million people in all or parts of Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia and the District of Columbia. PJM coordinates and directs the operation of the region's transmission grid, which includes 88,115 miles of transmission lines; administers a competitive wholesale electricity market; and plans regional transmission expansion improvements to maintain grid reliability and relieve congestion. PJM's regional grid and market operations produce annual savings of \$3.2 billion to \$4 billion. For the latest news about PJM, visit PJM Inside Lines at [insidelines.pjm.com](http://insidelines.pjm.com).*

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