

DEPARTMENT OF ENERGY**Federal Energy Regulatory Commission****[Project No. 2392–041]****Ampersand Gilman Hydro, LP; Notice of Reasonable Period of Time for Water Quality Certification Application**

On January 24, 2025, the Vermont Department of Environmental Conservation (Vermont DEC) submitted to the Federal Energy Regulatory Commission (Commission) notice that it received a request for a Clean Water Act section 401(a)(1) water quality certification as defined in 40 CFR 121.5, from Ampersand Gilman Hydro, LP, in conjunction with the above captioned project on January 24, 2025. Pursuant to section 4.34(b)(5) of the Commission's regulations,¹ we hereby notify Vermont DEC of the following:

Date of Receipt of the Certification Request: January 24, 2025.

Reasonable Period of Time to Act on the Certification Request: One year, January 24, 2026.

If Vermont DEC fails or refuses to act on the water quality certification request on or before the above date, then the certifying authority is deemed waived pursuant to section 401(a)(1) of the Clean Water Act, 33 U.S.C. 1341(a)(1).

Dated: January 29, 2025.

Debbie-Anne A. Reese,
Secretary.

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DEPARTMENT OF ENERGY**Federal Energy Regulatory Commission****[Docket No. AD10–12–016]****Increasing Market and Planning Efficiency Through Improved Software; Notice of Technical Conference: Increasing Real-Time and Day-Ahead Market and Planning Efficiency Through Improved Software**

Take notice that Commission staff will convene a technical conference on July 8, 9, and 10, 2025 to discuss opportunities for increasing real-time and day-ahead market and planning efficiency through improved software. A detailed agenda with the list of presentation dates and times for the selected speakers will be published on

the Commission's website¹ and in eLibrary after April 16, 2025.

This conference will bring together experts from diverse backgrounds including electric power system operators, software developers, government, research centers, and academia. The conference will bring these experts together for the purposes of stimulating discussion, sharing information, and identifying fruitful avenues for research on improving software for increased efficiency and reliability of the bulk power system.

This conference will build on discussions at prior conferences in this proceeding by focusing on topics identified as important to market efficiency in those conferences. Broadly, such topics fall into the following categories:

(1) Software for improving the resource adequacy process, including: software for improving computational tractability of resource adequacy and ease of use of resource adequacy tools, software for improving the fidelity of representing generators and loads in resource adequacy modeling, software for evaluating trade-offs between generation and transmission, software for implementing and evaluating new reliability metrics like expected unserved energy (EUE), software for implementing novel resource adequacy accreditation methods, and software for including climate change and extreme weather impacts on resource adequacy.

(2) Software for improving the efficiency of the interconnection process, including improved interconnection studies, software for automating parts of the interconnection process, software for expediting power flow analyses related to interconnection, etc.

(3) Software for implementing advanced computing methods such as artificial intelligence (AI) or machine learning into existing or novel applications for improving real-time and day-ahead market and planning efficiency.

(4) Software related to grid-enhancing technologies, such as those described in Docket Nos. AD19–19² and AD19–15,³ including optimal transmission switching, power flow controls, any software related to implementing the Commission's rulemaking regarding line

¹ <https://www.ferc.gov/industries-data/electric/power-sales-and-markets/increasing-efficiency-through-improved-software>.

² *Grid-Enhancing Technologies*, Docket No. AD19–19–000.

³ *Managing Transmission Line Ratings*, Docket No. AD19–15–000.

ratings in Order No. 881,⁴ and any software related to dynamic line ratings as described in the Commission's Advance Notice of Proposed Rulemaking on dynamic line ratings in Docket No. RM24–6–000.⁵

(5) Software for improving the performance of generating resources' ability and incentives to follow dispatch instructions and for eliminating unnecessary make-whole payments, including software for ensuring that product awards reflect prevailing transmission constraints and capabilities of resources to deliver awarded products.

(6) Software for better modeling and computation of resources with distinct operating characteristics such as storage resources, multi-stage/multi-configuration resources, hybrid resources, aggregations of Distributed Energy Resources (DERs) (including DER Management Systems, or DERMS), and others. Presentations on this topic should focus on alternative formulations and solution methods for market models.

(7) Approaches to addressing challenges, such as delays, associated with deploying software to implement market reforms or operational improvements to wholesale electricity markets.

(8) Other improvements in algorithms, model formulations, hardware advancements, or other related approaches that may allow for improvements to the bulk power system in market efficiency and enhanced reliability.

The conference will take place in a hybrid format, with presenters and attendees allowed to participate either in person or virtually. Further details on both in-person and virtual participation will be released prior to the conference.

Attendees must register through the Commission's website on or before June 10, 2025. Access to the conference (virtual or in-person) may not be available to those who do not register.

Speaker nominations must be submitted on or before March 21, 2025 through the Commission's website by providing the proposed speaker's contact information along with a title, abstract, and list of contributing authors for the proposed presentation. Proposed presentations should be related to the topics discussed above. Speakers and presentations will be selected to ensure relevance to those topics and to accommodate time constraints.

⁴ *Managing Transmission Line Ratings*, Order No. 881, 177 FERC ¶ 61,179 (2021).

⁵ *Implementation of Dynamic Line Ratings*, 187 FERC ¶ 61,201 (2024).

¹ 18 CFR 4.34(b)(5).