

Supporting Statement

**FERC-725V, Mandatory Reliability Standards: COM<sup>1</sup> Reliability Standards**  
(Three-year approval for extension requested)

The Federal Energy Regulatory Commission (FERC or Commission) requests the Office of Management and Budget (OMB) extend its approval of the FERC-725V, Mandatory Reliability Standards: COM Reliability Standards, under OMB Control Number (1902-0277), for an additional three years.

**1. CIRCUMSTANCES THAT MAKE THE COLLECTION OF INFORMATION NECESSARY**

On August 8, 2005, The Electricity Modernization Act of 2005, which is Title XII of the Energy Policy Act of 2005 (EPAAct 2005), was enacted into law.<sup>2</sup> EPAAct 2005 added section 215 to the Federal Power Act (FPA), which requires a Commission-certified Electric Reliability Organization (ERO) to develop mandatory and enforceable Reliability Standards, subject to Commission review and approval. Once approved, the Reliability Standards may be enforced by the ERO, subject to Commission oversight. In 2006, the Commission certified the North American Electric Reliability Corporation (NERC) as the ERO pursuant to FPA section 215.<sup>3</sup>

Section 215(d)(2) of the FPA and the Commission's regulations provide that the Commission may approve a Reliability Standard if it determines that the standard is just, reasonable, not unduly discriminatory or preferential, and in the public interest. The Commission specified in Order No. 672 factors it would consider when assessing whether a particular Reliability Standard is just and reasonable. According to this guidance, a Reliability Standard must provide for the reliable operation of Bulk-Power System facilities and may impose a requirement on any user, owner or operator of such facilities. It must be designed to achieve a specified reliability goal and must contain a technically sound means to achieve this goal. The Reliability Standard should be clear and unambiguous regarding what is required and who is required to comply.

On April 16, 2015, pursuant to section 215 of the FPA, the Commission issued a Final Rule approving Reliability Standards COM-001-3 and COM-002-4, as well as NERC's retirement of Reliability Standards COM-001-1.1 and COM-002-2.

<sup>1</sup> "COM" stands for Communication

<sup>2</sup> The Energy Policy Act of 2005, Pub. L. No 109-58, Title XII, Subtitle A, 119 Stat. 594, 941 (2005), codified at 16 U.S.C. 824o (2006).

<sup>3</sup> *North American Electric Reliability Corp.*, 116 FERC ¶ 61,062, *order on reh'g & compliance*, 117 FERC ¶ 61,126 (2006), *aff'd sub nom. Alcoa, Inc. v. FERC*, 564 F.3d 1342 (D.C. Cir. 2009).

In approving the revised standards, the Commission noted that Reliability Standard COM-001-3 establishes Interpersonal Communication capability necessary to maintain reliability, while Reliability Standard COM-002-4 improves communications related to Operating Instructions, requiring issuers of Operating Instructions to adopt predefined communications protocols and requiring both issuers and recipients of Operating Instructions to use three-part communications. The Commission found that the revised standards would enhance reliability over the currently effective version of the standards by expanding their applicability, eliminating certain ambiguities in the currently-effective standards, and clarifying that the use of three-part communication is required for issuance and receipt of all Operating instructions.

On August 15, 2016, the North American Electric Reliability Corporation (NERC) filed a petition for Commission approval, pursuant to section 215(d)(1) of the Federal Power Act (“FPA”)<sup>4</sup> and Section 39.5<sup>5</sup> of the Federal Energy Regulatory Commission’s regulations, for Reliability Standard COM-001-3 (Communications), the associated Implementation Plan, retirement of currently-effective Reliability Standard COM-001-2.1, and Violation Risk Factors (“VRFs”) and Violation Severity Levels (“VSLs”) associated with new Requirements R12 and R13 in Reliability Standard COM-001-3. Reliability Standard COM-001-3 reflects revisions developed under Project 2015-07 Internal Communications Capabilities, in compliance with the Commission’s directive in Order No. 888 that NERC “develop modifications to COM-001-2, or develop a new standard, to address the Commission’s concerns regarding ensuring the adequacy of internal communications capability whenever internal communications could directly affect the reliability opera.

Reliability Standards COM-001-2 and COM-002-4 do not require responsible entities to file information with the Commission. COM-001-3 requires that transmission operators, balancing authorities, reliability coordinators, distribution providers, and generator operators must maintain documentation of Interpersonal Communication capability and designation of Alternate Interpersonal Communication, as well as evidence of testing of the Alternate Interpersonal Communication facilities. COM-002-4 requires balancing authorities, distribution providers, reliability coordinators, transmission operators, and generator operators to develop and maintain documented communication protocols, and to be able to provide evidence of training on the protocols and of their annual assessment of the protocols. Additionally, all applicable entities (balancing authorities, reliability coordinators, transmission operators, generator operators, and distribution providers) must be able to provide evidence of three-part communication when issuing or receiving an Operating Instruction during an Emergency.

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<sup>4</sup> 16 U.S.C. § 824o (2012).

<sup>5</sup> 18 C.F.R. § 39.5 (2015).

## **2. HOW, BY WHOM, AND FOR WHAT PURPOSE THE INFORMATION IS TO BE USED AND THE CONSEQUENCES OF NOT COLLECTING THE INFORMATION**

The information in the FERC-725V, Mandatory Reliability Standards: COM Reliability Standards improves communications and require entities to maintain certain additional records subject to review by the NERC and NERC's Regional Entities.

Reliability Standard COM-001-3 applies to reliability coordinators, balancing authorities, transmission operators, generator operators, and distribution providers. The Reliability Standard includes eleven requirements and two defined terms, "Interpersonal Communication" and "Alternative Interpersonal Communication". The definitions provide clarity that an entity's communication capability must be redundant and that each of the capabilities must not utilize the same medium.

The requirements of COM-001-3 address the Interpersonal Communication capability and Alternative Interpersonal Communication capability of the reliability coordinator, transmission operator, and balancing authority functions.

- o Requirement R1 requires each reliability coordinator to have Interpersonal Communication capability with all transmission operators and balancing authorities within its reliability coordinator area, and with each adjacent reliability coordinator within the same interconnection.
- o Requirement R2 requires each reliability coordinator to designate Alternative Interpersonal Communication capability with those same identified entities.
- o Requirements R3 and R4 set out the communications capability requirements for a transmission operator. Under Requirement R3, Interpersonal Communication capability is required between the transmission operator's reliability coordinator, each balancing authority within its transmission operator area, each distribution provider and generator operator within its transmission operator area, and each adjacent transmission operator whether synchronously or asynchronously connected. Under Requirement R4, Alternative Interpersonal Communication capability must be designated between the transmission operator's reliability coordinator, each balancing authority within its transmission operator area, and each adjacent transmission operator.
- o Requirements R5 and R6 set out similar requirements for each balancing authority, again identifying the specific functional entities for which the balancing authority must maintain Interpersonal Communication capability and for which it must designate Alternative Interpersonal Communication capability.

- o Requirements R7 and R8 address the communications capability that distribution providers and generator operators must maintain, with each required to have Interpersonal Communications capability with its balancing authority and its transmission operator.
- o Requirement R9 requires each reliability coordinator, transmission operator, and balancing authority to test its Alternative Interpersonal Communication capability at least once each calendar month, and to initiate action to repair or designate a replacement if the test is unsuccessful.
- o Requirement R10 requires the same entities to notify applicable entities (as identified in R1, R3 and R5) of the detection of an Interpersonal Communication capability failure that lasts 30 minutes or longer.
- o Requirement R11 requires distribution providers and generator operators to consult with affected balancing authorities and transmission operators when a failure is detected in their Interpersonal Communication capability, and to determine a mutually agreeable action for the restoration of that capability.

Reliability Standard COM-002-4 improves communications surrounding the issuance of Operating Instructions by requiring the use of predefined communications protocols to reduce the possibility of miscommunication that could lead to action or inaction harmful to reliability.

The consequences of not collecting this information means the Commission would not be able to meet its statutory obligation under the Federal Power Act to ensure a Reliability Standard is just, reasonable, not unduly discriminatory or preferential, and in the public interest.

**3. DESCRIBE ANY CONSIDERATION OF THE USE OF IMPROVED INFORMATION TECHNOLOGY TO REDUCE THE BURDEN AND TECHNICAL OR LEGAL OBSTACLES TO REDUCING BURDEN**

The use of current or improved technology is not covered in Reliability Standards, and is therefore left to the discretion of each reporting entity.

The submittals are not made to FERC.

**4. DESCRIBE EFFORTS TO IDENTIFY DUPLICATION AND SHOW SPECIFICALLY WHY ANY SIMILAR INFORMATION ALREADY AVAILABLE CANNOT BE USED OR MODIFIED FOR USE FOR THE PURPOSE(S) DESCRIBED IN INSTRUCTION NO. 2**

The Commission periodically reviews filing requirements concurrent with OMB review or as the Commission deems necessary to eliminate duplicative filing and to minimize the filing burden. The Commission is unaware of any duplication of information.

## **5. METHODS USED TO MINIMIZE THE BURDEN IN COLLECTION OF INFORMATION INVOLVING SMALL ENTITIES**

Small entities generally can reduce their burden by taking part in a joint registration organization or a coordinated function registration. These options allow an entity the ability to share its compliance burden with other similar entities.

Detailed information regarding these options are available in NERC's Rules of Procedure at sections 507 and 508.<sup>6</sup>

## **6. CONSEQUENCE TO FEDERAL PROGRAM IF COLLECTION WERE CONDUCTED LESS FREQUENTLY**

The Reliability Standard provides consistent documentation and information sharing practices for demand and energy data while promoting efficient planning practices across industry and supporting identification of necessary system reinforcements. One of key finding from the final report on the 2003 Blackout Report was to tighten communication protocols, the COM standards identify what enetities need to do for establishing communication within their organizations, to other entities and issuance of operating instructions. Failure to have effective communication capability and protocols, from these Reliability Standards, could impact the entities effectively coordinating during Bulk Electric System events as well as routine operations. If the Commission collected this information less frequently , it would not be able to carry out its responsibilities as specified by Section 215 to the Federal Power Act (FPA).

## **7. EXPLAIN ANY SPECIAL CIRCUMSTANCES RELATING TO THE INFORMATION COLLECTION**

There are no special circumstances related to FERC-725V information collection.

## **8. DESCRIBE EFFORTS TO CONSULT OUTSIDE THE AGENCY: SUMMARIZE PUBLIC COMMENTS AND THE AGENCY'S RESPONSE**

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<sup>6</sup> Available at

[http://www.nerc.com/FilingsOrders/us/RuleOfProcedureDL/NERC\\_ROP\\_Effective\\_20140701\\_updated\\_20140602.pdf](http://www.nerc.com/FilingsOrders/us/RuleOfProcedureDL/NERC_ROP_Effective_20140701_updated_20140602.pdf).

The ERO process to establish Reliability Standards is a collaborative process, with the ERO, Regional Entities and other stakeholders developing and reviewing drafts and providing comments, vetting and voting on FERC-725V.

In accordance with OMB requirements, the Commission published a 60-day notice<sup>7</sup> and a 30-day notice<sup>8</sup> to the public regarding this information collection August 20 and October 30, 2024, respectively. Within the public notices, the Commission noted that it would be requesting a three-year extension of the public reporting burden.

The Commission received no comments in response to the 60-day notice.

## **9. EXPLAIN ANY PAYMENT OR GIFTS TO RESPONDENTS**

There are no payments or gifts to respondents associated with this collection.

## **10. DESCRIBE ANY ASSURANCE OF CONFIDENTIALITY PROVIDED TO RESPONDENTS**

According to the NERC Rule of Procedure 1502,<sup>9</sup> “a Receiving Entity shall keep in confidence and not copy, disclose, or distribute any Confidential Information or any part thereof without the permission of the Submitting Entity, except as otherwise legally required.” This serves to protect confidential information submitted to NERC or Regional Entities.

Responding entities do not submit the information collected under this Reliability Standards to FERC. Rather, they maintain it internally. Since there are no submissions made to FERC, FERC provides no specific provisions in order to protect confidentiality unless and until any such information is submitted to FERC as part of an enforcement action or other compliance review.

## **11. PROVIDE ADDITIONAL JUSTIFICATION FOR ANY QUESTIONS OF A SENSITIVE NATURE, SUCH AS SEXUAL BEHAVIOR AND ATTITUDES, RELIGIOUS BELIEFS, AND OTHER MATTERS THAT ARE COMMONLY CONSIDERED PRIVATE.**

There are no questions of a sensitive nature associated with the reporting requirements.

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<sup>7</sup> 89 FR 67430

<sup>8</sup> 89 FR 86334

<sup>9</sup>.

**12. ESTIMATED BURDEN OF COLLECTION OF INFORMATION**

The Commission estimates the annual reporting burden<sup>10</sup> and associated cost as follows:

| <b>FERC-725V, Mandatory Reliability Standards: COM Reliability Standards</b>      |   |  |   |  |  |   |
|---|---|--|---|--|--|---|
|   | <b>Number of Respondents<sup>11</sup></b><br><b>(1)</b> | <b>Annual Number of Responses per Respondent</b><br><b>(2)</b> | <b>Total Number of Responses</b><br><b>(1)*(2)=</b><br><b>(3)</b> | <b>Average Burden &amp; Cost Per Response<sup>12</sup></b><br><b>(4)</b> | <b>Total Annual Burden Hours &amp; Total Annual Cost</b><br><b>(3)*(4)=(5)</b> | <b>Cost per Respondent (\$)</b><br><b>(5)÷(1)</b> |
| Maintain evidence of Interpersonal Communication capability [COM-001-3 R7 and R8] | (DP)<br>300   | 1  | 300   | 4 hrs.<br>\$282.68   | 1,200 hrs.<br>\$84,804   | \$282.68  |
|   | (GOP)<br>1,028  | 1  | 1,028   | 4 hrs.<br>\$282.68   | 4,112 hrs.<br>\$290,595.04   | \$282.68  |
| Maintain evidence of training and assessments [COM-002-4]                         | (BA)<br>98  | 1  | 98  | 8 hrs.<br>\$565.36   | 784 hrs.<br>\$55,405.28  | \$565.36  |
|   | (RC)<br>12  | 1  | 12  | 8 hrs.<br>\$565.36   | 96 hrs.<br>\$6,784.32  | \$565.36  |

<sup>10</sup> Burden is defined as the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. Refer to 5 CFR 1320.3 for additional information.

<sup>11</sup> BA= balancing authority, RC = Reliability Coordinator, DP = distribution provider, TOP = transmission operator; GOP = generator operators. These values were derived from the NERC Compliance data of April 16, 2024, using only unique United States registered entities.

<sup>12</sup> The estimated hourly cost (salary plus benefits) is a combination based on the Bureau of Labor Statistics (BLS), as of 2024, for 75% of the average of an Electrical Engineer (17-2071) \$79.31/hr.,  $79.31 \times .75 = 59.4825$  (\$59.48-rounded) (\$59.48/hour) and 25% of an Information and Record Clerk (43-4199) \$44.74/hr.,  $44.74 \times .25 = 11.185$  (\$11.19 rounded) (\$11.19/hour), for a total ( $59.48 + 11.19 = 70.67$ /hour).

|   |                |   |              |                    |                                       |          |
|---|----------------|---|--------------|--------------------|---------------------------------------|----------|
| R2, R4, R5 and R6]                                  | (TOP)<br>165   | 1 | 165          | 8 hrs.<br>\$565.36 | 1,320 hrs.<br>\$93,284.40             | \$565.36 |
| Maintain evidence of training [COM-002-4 R3 and R6] | (DP)<br>300    | 1 | 300          | 8 hrs.<br>\$565.36 | 2,400 hrs.<br>\$169,608               | \$565.36 |
|   | (GOP)<br>1,028 | 1 | 1,028        | 8 hrs.<br>\$565.36 | 8,224 hrs.<br>\$581,190.08            | \$565.36 |
| <b>TOTAL</b>  |                |   | <b>2,931</b> |                    | <b>18,136 hrs.<br/>\$1,281,671.12</b> |          |

This information collection captures the burden contained in the requirements and measures of COM Reliability Standards.

**13. ESTIMATE OF THE TOTAL ANNUAL COST BURDEN TO RESPONDENTS**

There are no non-labor costs currently associated with the FERC-725V information collection.

All of the costs in this collection are associated with burden hours (labor) and described in Questions #12 and #15.

**14. ESTIMATED ANNUALIZED COST TO FEDERAL GOVERNMENT**

The Regional Entities and NERC do most of the data processing, monitoring and compliance work for this Reliability Standards; the burden and cost are included under the FERC-725 collection (OMB Control No. 1902-0225) and are not part of this request or package. Any involvement by the Commission is covered under the FERC-725 collection and is not part of this request or package.

The estimated annualized cost to the Federal Government for FERC-725V follows:

| <b>FERC-725V</b>                                 | <b>Number of Employees (FTEs)</b> | <b>Estimated Annual Federal Cost</b> |
|--|-----------------------------------|--------------------------------------|
| Analysis and Processing of filings <sup>13</sup> | 0                                 | \$0                                  |

<sup>13</sup> Based upon FERC’s 2020 FTE average salary plus benefits (\$287,786).



|   |  |                |
|---|--|----------------|
| Paperwork Reduction Act Administrative Cost <sup>14</sup> |  | \$8,396        |
| <b>FERC Total</b>   |  | <b>\$8,396</b> |

The Commission bases its estimate of the ‘Analysis and Processing of filings’ cost to the Federal Government on salaries and benefits for professional and clerical support. This estimated cost represents staff analysis, decision making, and review of any actual filings made in response to the information collection.

The PRA Administrative Cost is a Federal Cost associated with preparing, issuing, and submitting materials necessary to comply with the Paperwork Reduction Act (PRA) for rulemakings, orders, or any other vehicle used to create, modify, extend, or discontinue an information collection. This average annual cost includes requests for extensions, all associated rulemakings, and other changes to the collection.

**15. REASONS FOR CHANGES IN BURDEN INCLUDING THE NEED FOR ANY INCREASE**

**Adjustments in Estimates.**

- FERC-725V information collection experienced burden reduction due to normal industry fluctuations. This caused a increase (adjustment) of +147 respondents from Reliability Standard COM-002-4.
- FERC-725V is also experienced a burden increase due to a normal fluctuation (increase) in respondents in Reliability Standard COM-001-3. The number of respondents and responses increased from 1,313to 1,328 respondents (+15).

The Commission estimates the annual reporting burden and associated cost as follows:

|                            | <b>Total Request</b> | <b>Previously Approved</b> | <b>Change due to Adjustment in Estimate</b> | <b>Change Due to Agency Discretion</b> |
|----------------------------|----------------------|----------------------------|---|--|
| <b>FERC-725V</b>           |                      |                            |   |  |
| Annual Number of Responses | 2,931                | 2,769                      | 162   | 0                                      |
| Annual Time Burden (Hr.)   | 18,136               | 16,900                     | 1,236                                       | 0                                      |

<sup>14</sup> The PRA Administrative Cost is a Federal Cost associated with preparing, issuing, and submitting materials necessary to comply with the Paperwork Reduction Act (PRA) for rulemakings, orders, or any other vehicle used to create, modify, extend, or discontinue an information collection. This average annual cost includes requests for extensions, all associated rulemakings, and other changes to the collection.

|                            |     |     |     |     |
|----------------------------|-----|-----|-----|-----|
| Annual Cost Burden<br>(\$) | \$0 | \$0 | \$0 | \$0 |
|----------------------------|-----|-----|-----|-----|

**16. TIME SCHEDULE FOR PUBLICATION OF DATA**

There is no publication of data associated with FERC-725V collection of information.

**17. DISPLAY OF EXPIRATION DATE**

The expiration date is displayed in a table posted on ferc.gov at .  
<https://www.ferc.gov/information-collections>.

**18. EXCEPTIONS TO THE CERTIFICATION STATEMENT**

There are no exceptions for FERC-725V.