

February 1, 2023

Honorable Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E., Room 1A  
Washington, D.C. 20426

*Re: PJM Interconnection, L.L.C., Docket No. ER22-1165-00\_  
Order No. 676-J Compliance Revisions to Tariff, Section 4.2, and Request for  
Shortened Comment Period*

Dear Secretary Bose:

PJM Interconnection, L.L.C. (“PJM”), in compliance with the Commission’s May 21, 2021 Final Rule, Order No. 676-J<sup>1</sup> hereby amends its compliance filing submitted in this proceeding on October 27, 2022 (“October 27 Filing”),<sup>2</sup> which concerns modifications to the PJM Open Access Transmission Tariff (“Tariff”)<sup>3</sup> to incorporate by reference the North American Energy Standards Board (“NAESB”) Wholesale Electric Quadrant (“WEQ”) Business Practice Standards revisions that were adopted in Order No. 676-J. By this filing, PJM:

- Corrects an error in the previously submitted version of Tariff, section 4.2 needed to comply with the Cybersecurity Standards and Parallel Flow Visualization (“PFV”) enhanced congestion management process standards (“PFV Standards”) of NAESB WEQ Version 3.3;
- Changes the effective date for the Tariff changes to comply with the Cybersecurity Standards and PFV Standards to an indeterminate effective date, but asks the Commission, in its acceptance order, to assign those

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<sup>1</sup> *Standards for Business Practices and Communication Protocols for Public Utilities*, Order No. 676-J, 175 FERC ¶ 61,139 (2021).

<sup>2</sup> *PJM Interconnection, L.L.C.*, Order No. 676-J Compliance Revisions to Tariff, Section 4.2 of PJM Interconnection, L.L.C., Docket No. ER22-1165-001 (Oct. 27, 2022) (“October 27 Filing”).

<sup>3</sup> For the purpose of this filing, capitalized terms not defined herein shall have the meaning as contained in the Tariff.

changes (other than the Cryptographic Security Modules (“CSM”) of the Cybersecurity Standards) an effective date of June 2, 2022;

- Asks that the Commission, in its acceptance order, maintain an indeterminate effective date for PJM’s compliance with the Cryptographic Security Modules (“CSM”) of the Cybersecurity Standards because federal agency validation of the specific module PJM will employ remains pending;<sup>4</sup> and
- Omits the Tariff changes needed to comply with the remaining NAESB WEQ version 3.3 standards, as PJM will address those in a separate filing to be submitted on or before May 1, 2023.

For clarity, PJM confirms its intent that the single version of Tariff, section 4.2 submitted with this amendment filing will replace in their entirety the three versions of Tariff, section 4.2 that were submitted in the October 27 Filing. PJM also confirms that this filing does not change any waivers PJM requested in the October 27 Filing, or the basis for those requested waivers as fully set forth in the October 27 Filing already submitted in this docket, and that PJM asks the Commission to grant such waivers.

PJM also asks, pursuant to 18 C.F.R. § 385.206(h), that the Commission adopt a shortened, i.e., 14-day, period for comments on this filing. In support of that request, PJM notes that this filing proposes only one minor correction and certain non-substantive timing changes. Moreover, no party has filed comments on either of PJM’s prior two compliance filings in this proceeding. Accordingly, no party will be adversely affected by the shortened notice period.

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<sup>4</sup> As discussed below, the delay appears to be a generic issue of agency backlog, and not a concern specific to PJM or its cryptographic module service provider. PJM will provide to the Commission the actual effective date promptly upon PJM’s confirmation that the service provider’s module has received the required validation.

## **I. BACKGROUND**

In Order No. 676-J, the Commission amended its regulations to incorporate by reference, as mandatory enforceable requirements, Version 3.3 of the NAESB WEQ Business Practice Standards (“WEQ Version 3.3 Standards”), which were filed with the Commission on March 30, 2020.<sup>5</sup> Order No. 676-J set a deadline of March 2, 2022, for each public utility to submit a compliance filing to incorporate the Cybersecurity Standards and PFV Standards into their respective open access transmission tariffs by reference.<sup>6</sup>

On March 2, 2022, PJM submitted its compliance filing<sup>7</sup> to revise Tariff, section 4.2 to incorporate by reference the Cybersecurity Standards and PFV Standards of the WEQ Version 3.3 Standards, effective June 2, 2022, except for the CSM of the Cybersecurity Standards, for which PJM requested an indeterminate effective date, given the uncertain timing of a standards-setting body’s validation of the specific module that will be used in PJM’s implementation of the CSM.

In the October 27 Filing, PJM submitted further revisions to Tariff, section 4.2, to incorporate by reference the remaining WEQ Version 3.3 Standards, i.e., those standards that were not already addressed by the March 2 Filing, based on PJM’s understanding that Order No. 676-J directed such filings to be submitted as early as October 27, 2022.

No party protested either the March 2 Filing or the October 27 Filing. In January 2023, Commission staff informally contacted PJM to alert PJM to an apparent error in the

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<sup>5</sup> Order No. 676-J at P 1.

<sup>6</sup> *Id.* at PP 49, 50.

<sup>7</sup> *PJM Interconnection L.L.C.*, Order No. 676-J Compliance Revisions to Tariff, Section 4.2 of PJM Interconnection, L.L.C., Docket No. ER22-1165-000 (March 2, 2022) (“March 2 Filing”).

Tariff revision needed to incorporate the Cybersecurity standards and the PFV Standards, and to ask that PJM consider assigning an indeterminate effective date to those Tariff revisions, and withdrawing from this docket the further Tariff revisions needed to comply with the remaining WEQ Version 3.3 Standards.

By this amendment filing, PJM implements Commission staff's suggested changes.

## **II. AMENDED ORDER NO. 676-J COMPLIANCE TARIFF REVISIONS**

### ***A. Correction of Error in Tariff, Section 4.2 Revisions Needed to Comply with the Cybersecurity Standards and PFV Standards.***

One of the revised versions of Tariff, section 4.2 submitted in the October 27 Filing (version 7.1.0)<sup>8</sup> included an error which PJM is correcting with this filing. Specifically, in numbered paragraph (2) of section 4.2, PJM proposed to adopt WEQ Version 3.3 of the WEQ-000 standards on Abbreviations, Acronyms, and Definition of Terms, but only as to the PFV Standards. However, the Cybersecurity Standards of WEQ Version 3.3 also impacted the WEQ-000 standards. Accordingly, in the revised version of Tariff, section 4.2 submitted with this amendment filing, PJM is revising paragraph (2) to state that PJM is adopting WEQ Version 003.3 of the WEQ-000 standards but only as to the PFV Standards *and* the Cybersecurity Standards.

### ***B. Adoption of Indeterminate Effective Date for the Tariff, Section 4.2 Revisions Needed to Comply with the Cybersecurity Standards and PFV Standards.***

In Order No. 676-J, the Commission established that the earliest date to implement the Cybersecurity Standards and PFV Standards was June 2, 2022, which is twelve months

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<sup>8</sup> The October 27 Filing contained three revised versions of Tariff, section 4.2, with varying effective dates (version 7.1.0 effective June 2, 2022; version 7.1.1 effective January 27, 2023; and version 8.1.0 with an indeterminate effective date). PJM intends, by this filing, to replace as moot (overtake by events—OBE) these three versions as further explained *infra* Part II.

after publication of Order No. 676-J in the Federal Register.<sup>9</sup> In the October 27 Filing, PJM assigned an effective date of June 2, 2022, to the PFV Standards and Cybersecurity Standards (excluding the CSM Standards) revisions to Tariff, section 4.2, corresponding to the June 2, 2022 effective date the Commission had already accepted for the revisions to the Joint Operating Agreement (“JOA”) between PJM and the Midcontinent Independent System Operator, Inc. (“MISO”) needed to implement the PFV Standards.<sup>10</sup>

However, Order No. 676-J separately directed that complying entities must “us[e] an indeterminant effective date (12/31/9998) for the tariff records.”<sup>11</sup> Accordingly, by this amendment filing, PJM is submitting the revisions to Tariff, section 4.2 needed to implement the Cybersecurity Standards and PFV Standards with an indeterminate effective date. As discussed below, however, PJM is requesting that the Commission, when it acts on this filing, set the effective date, *as to PJM*, on June 2, 2022, which is the earliest implementation date permitted by Order No. 676-J.

***C. Request that the Commission, in Its Acceptance Order, Assign a June 2, 2022 Effective Date to PJM’s Compliance with the Cybersecurity Standards and PFV Standards, Except for the CSM Standards, for which PJM Continues to Request an Indeterminate Effective Date.***

Although PJM is filing the revisions with an indeterminate effective date, as explained above, PJM requests the Commission assign an effective date of June 2, 2022, in its acceptance order for the revisions to Tariff, section 4.2 needed to implement the Cybersecurity Standards and PFV Standards (excluding the CSM component of the

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<sup>9</sup> Order No. 676-J at P 50.

<sup>10</sup> See *PJM Interconnection, L.L.C.*, Letter Order, Docket No. ER22-1163-000 (May 31, 2022).

<sup>11</sup> See Order No. 676-J at P 51.

Cybersecurity Standards). As noted above, June 2, 2022, is the earliest implementation date permitted by Order No. 676-J for the Cybersecurity Standards and PFV Standards, and the Commission already established June 2, 2022 as the effective date for the revisions to the PJM-MISO JOA needed for compatibility and compliance with the PFV Standards. PJM therefore has been following the PFV Standards to determine congestion on its system when using the NERC TLR procedure since June 2, 2022. PJM also implemented the Cybersecurity Standards (excluding the Federal Information Processing Standard (“FIPS”) 140.3 standard associated with the CSM portion of the Cybersecurity Standards) by June 2, 2022. PJM accordingly requests that the Commission establish June 2, 2022, as the effective date for PJM’s incorporation by reference of the PFV Standards and the Cybersecurity Standards (excluding the CSM portion of the Cybersecurity Standards).

PJM continues to request an indeterminate effective date for PJM’s revision to Tariff, section 4.2, needed to implement the CSM portion of the Cybersecurity Standards. PJM is not in a position to implement the CSM portion of the Cybersecurity Standards as of June 2, 2022, or at any time since, because PJM’s implementation is subject to validation by the National Institute of Standards and Technology’s (“NIST”) Cryptographic Module Validation Program (“CMVP”) of the particular cryptographic module that will be provided by F5, the specialized technology company PJM has contracted to provide this service. So far as PJM is aware, there is no issue specific to PJM, F5, or F5’s cryptographic module. Rather, the issue appears to be a “significant backlog” noted by NIST CMVP<sup>12</sup> in

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<sup>12</sup> See *Cryptographic Module Validation Program*, National Institute of Standards and Technology, <https://csrc.nist.gov/projects/cryptographic-module-validation-program> (last visited Jan. 31, 2023) (“CMVP is experiencing a significant backlog in the validation process.”).

accomplishing validations of cryptographic modules under the recently updated FIPS 140-3 standard for such validation.<sup>13</sup>

Thus, in the event the Commission grants PJM's requested June 2, 2022 effective date for PJM's compliance with the Cybersecurity Standards and PFV Standards (excluding the CSM portion of the Cybersecurity Standards), PJM will file a revised version of Tariff, section 4.2 that implements the Cybersecurity Standards and PFV Standards (excluding the CSM portion of the Cybersecurity Standards) with an effective date of June 2, 2022, and will provide to the Commission the effective date of the CSM portion of the Cybersecurity Standards implementation promptly upon PJM's confirmation that the service provider, F5, has received the required validation from NIST.

***D. Removal of Tariff, Section 4.2 Revisions Needed to Comply with the Remaining WEQ Version 3.3 Standards.***

Order No. 676-J directed that compliance filings for the remaining WEQ Version 3.3 Standards i.e., all affected standards other than the Cybersecurity Standards and PFV Standards, "will be due 12 months after implementation of the WEQ Version 003.2 Standards, or no earlier than October 27, 2022."<sup>14</sup> PJM accordingly submitted the October 27 Filing to incorporate by reference the remaining WEQ Versions 3.3 Standards. The Commission's order on PJM's filing on the WEQ Version 3.2 standards set the implementation date for those standards as May 1, 2022, and thus set the final deadline for

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<sup>13</sup> A recent search using the search tool on the NIST CMVP website indicates that there currently are only six cryptographic modules that have obtained an "active" (i.e., approved) validation status under the FIPS 140-3 standard. See *Cryptographic Module Validation Program*, National Institute of Standards and Technology, <https://csrc.nist.gov/projects/cryptographic-module-validation-program/validated-modules/search?SearchMode=Advanced&Standard=140-3&CertificateStatus=Active&ValidationYear=0> (last visited Jan. 31, 2023).

<sup>14</sup> Order No. 676-J at P 48.

incorporating the remaining Version 3.3 Standards as May 1, 2023. While the October 27 Filing was timely as to both an October 27, 2022 deadline and a May 1, 2023 deadline, PJM is choosing to remove its compliance with the remaining WEQ Version 3.3 standards from this docket. PJM trusts that this accommodation will facilitate the Commission's early action on the numerous pending compliance filings to implement the Cybersecurity Standards and PFV Standards. PJM will submit a separate compliance filing containing revisions to Tariff, section 4.2 to incorporate by reference the remaining WEQ Version 3.3 Standards in a new docket no later May 1, 2023.

### **III. EFFECTIVE DATE**

As explained above, PJM proposes an indeterminate effective date for the revisions to Tariff, section 4.2 needed to implement the PFV Standards and the Cybersecurity Standards. However, as also explained above, PJM asks that the Commission, in its order accepting this filing, assign an effective date of June 2, 2022, to PJM's incorporation by reference of the PFV Standards and the Cybersecurity Standards (excluding the CSM component of the Cybersecurity Standards, for which PJM continues to request an indeterminate effective date for the reasons explained above).



#### **IV. CORRESPONDENCE AND COMMUNICATIONS**

Correspondence and communications with respect to this filing should be sent to, and PJM requests the secretary include on the official service list, the following persons:

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#### **V. DOCUMENTS ENCLOSED**

PJM encloses the following:

1. This transmittal letter;
2. Attachment A – Revised Tariff (indeterminate effective date), section 4.2 (redlined version);
3. Attachment B – Revised Tariff (indeterminate effective date), section 4.2 (clean version);

#### **VI. SERVICE**

PJM has served a copy of this filing on all PJM Members and on the affected state utility regulatory commissions in the PJM Region by posting this filing electronically. In

accordance with the Commission's regulations,<sup>15</sup> PJM will post a copy of this filing to the FERC filings section of its internet site, located at the following link: <https://www.pjm.com/library/filing-order.aspx> with a specific link to the newly filed document, and will send an email on the same date as this filing to all PJM Members and all state utility regulatory commissions in the PJM Region<sup>16</sup> alerting them that this filing has been made by PJM and is available by following such link. If the document is not immediately available by using the referenced link, the document will be available through the referenced link within 24 hours of the filing.

Also, a copy of this filing will be available on the Commission's eLibrary website located at the following link: <http://www.ferc.gov/docs-filing/elibrary.aspx> in accordance with the Commission's regulations and Order No. 714.<sup>17</sup>

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<sup>15</sup> See 18 C.F.R. §§ 35.2(e) & 385.2010(f)(3).

<sup>16</sup> PJM already maintains, updates, and regularly uses email lists for all PJM Members and affected state commissions.

<sup>17</sup> *Electronic Tariff Filings*, Order No. 714, 124 FERC ¶ 61,270 (2008), *final rule*, Order No. 714-A, 147 FERC ¶ 61,115 (2014).

## **VII. CONCLUSION**

For all of the foregoing reasons, PJM respectfully requests that the Commission accept the proposed revisions to Tariff, section 4.2 submitted herein, effective as proposed.

Respectfully submitted,

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***Attorneys for  
PJM Interconnection, L.L.C.***

February 1, 2023

### **CERTIFICATE OF SERVICE**

I hereby certify that I have this day served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding.

Dated at Washington, D.C., this 1st day of February 2023.

/s/ Krystal Tapper  
Krystal Tapper

*Attorney for*  
*PJM Interconnection, L.L.C.*

# Attachment A

## Revisions to the PJM Open Access Transmission Tariff

(Marked/Redline Format)

## 4.2

Pursuant to the Commission's ~~February 24, 2020~~May 21, 2021 Final Rule, Order No. 676-~~I-J~~I (17~~50~~59 FERC ¶ 61,139-~~062~~062) amending its regulations under the Federal Power Act, and the grant of waivers from specified provisions of WEQ-001, WEQ-002 and WEQ-003 approved by the Commission in *PJM Interconnection, L.L.C.*, 151 FERC ¶ 61,141 (May 18, 2015), in *PJM Interconnection, L.L.C.*, 178 FERC ¶ 61,163 (March 7, 2022), and in response to PJM's compliance filing for Order No. 676-~~J~~I, the Transmission Provider hereby incorporates by reference the following standards promulgated by the WEQ of the NAESB:

- (1) WEQ-000, Abbreviations, Acronyms, and Definition of Terms, standard WEQ-000-2 ([WEQ] Version 003.1, September 30, 2015), including only the definitions of Interconnection Time Monitor, Time Error, and Time Error Correction;
- (2) WEQ-000, Abbreviations, Acronyms, and Definition of Terms ([WEQ] Version 003.2, Dec. 8, 2017) (with minor correction applied July 23, 2019), and [WEQ] Version 003.3, March 30, 2020, but only as to the cybersecurity standards and the parallel flow visualization standards;
- (3) To the extent not inconsistent with Transmission Provider's current NITS practices and procedures, WEQ-001, Open Access Same-Time Information System (OASIS), [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017), excluding standards WEQ-001-9 preamble text, WEQ-001-10 preamble text, WEQ-001-9.5, WEQ-001-10.5, WEQ-001-14.1.3, WEQ-001-15.1.2, WEQ-001-106.2.5, WEQ-001-25 in its entirety, as well as the timing requirements established in 001-23, to the extent not inconsistent with Transmission Provider's current practice, and including incorporation by reference of [WEQ] Version 003.3, March 30, 2020 but only as to the cybersecurity standards;
- (4) To the extent not inconsistent with Transmission Provider's current NITS practices and procedures, WEQ-002, Open Access Same-Time Information System (OASIS) Business Practice Standards and Communication Protocols (S&CP), [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017), excluding Business Practice Standards WEQ-002-4.3.6.6.1 and WEQ-002-4.3.6.6.2, and including incorporation by reference of [WEQ] Version 003.3, March 30, 2020, but only as to the cybersecurity standards;
- (5) To the extent not inconsistent with Transmission Provider's current NITS practices and procedures, WEQ-003, Open Access Same-Time Information System (OASIS) Data Dictionary Business Practice Standards, [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017) (with minor corrections applied Jul. 23, 2019);
- (6) WEQ-004, Coordinate Interchange ([WEQ] Version 003.2, Dec. 8, 2017);

- (7) WEQ-005, Area Control Error (ACE) Equation Special Cases ([WEQ] Version 003.2, Dec. 8, 2017);
- (8) WEQ-006, Manual Time Error Correction ([WEQ] Version 003.2~~1~~, ~~Dec. 8, 2017~~Sept. 30, 2015);
- (9) WEQ-007, Inadvertent Interchange Payback ([WEQ] Version 003.2, Dec. 8, 2017);
- (10) WEQ-008, Transmission Loading Relief (TLR) – Eastern Interconnection ([WEQ] Version 003.2, Dec. 8, 2017), and [WEQ] Version 003.3, March 30, 2020, but only as to the parallel flow visualization standards;
- (11) WEQ-011, Gas/Electric Coordination, ([WEQ] Version 003.2, Dec. 8, 2017);
- (12) WEQ-012, Public Key Infrastructure (PKI) ([WEQ] Version 003.2, Dec. 8, 2017);
- (13) WEQ-013, Open Access Same-Time Information System (OASIS) Implementation Guide, [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017);
- (14) WEQ-015, Measurement and Verification of Wholesale Electricity Demand Response ([WEQ] Version 003.2, Dec. 8, 2017);
- (15) WEQ-021, Measurement and Verification of Energy Efficiency Products ([WEQ] Version 003.2, Dec. 8, 2017);
- (16) WEQ-022, Electric Industry Registry ([WEQ] Version 003.2, Dec. 8, 2017); and
- (17) WEQ-023, Modeling. ([WEQ] Version 003.2, Dec. 8, 2017), including only: standards WEQ-023-5; WEQ-023-5.1; WEQ-023-5.1.1; WEQ-023-5.1.2; WEQ-023-5.1.2.1; WEQ-023-5.1.2.2; WEQ-023-5.1.2.3; WEQ-023-5.1.3; WEQ-023-5.2; WEQ-023-6; WEQ-023-6.1; WEQ-023-6.1.1; WEQ-023-6.1.2; and WEQ-023-A Appendix A.

The Commission has granted Transmission Provider with waivers of specified provisions of WEQ-001, WEQ-002 and WEQ-003 as those Business Practice Standards relate to Service Across Multiple Transmission Systems (SAMTS) and Network Integration Transmission Service (NITS), *Order on Compliance and Request for Waivers*, 178 FERC ¶ 61,163 (March 7, 2022).

With respect to SAMTS, the Transmission Provider has adopted Tariff, Part II, section 17.9 and Tariff, Part II, section 18.4, specifying processing timelines for all short-term transmission service requests. The Transmission Provider will process and set the status of a SAMTS request or reservation consistent with a non-SAMTS transaction and the customer may withdraw, annul or reduce their request or reservation without financial penalty in accordance with the

Transmission Provider's Regional Transmission and Energy Scheduling Practices document which can be found on the Transmission Provider's website.

With respect to NITS requests, the Transmission Provider has adopted rules in Tariff, Part III relating to the study and commitment of internal and external network resources and load designations, including Tariff, Part III, section 30 (relating to designation and termination of Network Resources), Tariff, Part III, section 31 (relating to the designation of Network Load), and Tariff, Part III, section 32 (relating to Initial Study procedures for NITS), all of which are subject, however, to the applicable requirements of PJM's Reliability Pricing Model (RPM) rules as set forth in Tariff, Attachment DD and associated requirements as set forth in Transmission Provider's FERC-filed Reliability Assurance Agreement Among Load Serving Entities (RAA) and associated Manuals. Moreover, consistent with the Transmission Provider's planning processes, Network Resources proposing to interconnect to the Transmission System in the PJM Region must comply with the terms, conditions, rules and procedures for interconnection as specified in Tariff, Part IV.



# Attachment B

## Revisions to the PJM Open Access Transmission Tariff

(Clean Format)

## 4.2

Pursuant to the Commission's May 21, 2021 Final Rule, Order No. 676-J (175 FERC ¶ 61,139) amending its regulations under the Federal Power Act, and the grant of waivers from specified provisions of WEQ-001, WEQ-002 and WEQ-003 approved by the Commission in *PJM Interconnection, L.L.C.*, 151 FERC ¶ 61,141 (May 18, 2015), in *PJM Interconnection, L.L.C.*, 178 FERC ¶ 61,163 (March 7, 2022), and in response to PJM's compliance filing for Order No. 676-J, the Transmission Provider hereby incorporates by reference the following standards promulgated by the WEQ of the NAESB:

- (1) WEQ-000, Abbreviations, Acronyms, and Definition of Terms, standard WEQ-000-2 ([WEQ] Version 003.1, September 30, 2015), including only the definitions of Interconnection Time Monitor, Time Error, and Time Error Correction;
- (2) WEQ-000, Abbreviations, Acronyms, and Definition of Terms ([WEQ] Version 003.2, Dec. 8, 2017) (with minor correction applied July 23, 2019), and [WEQ] Version 003.3, March 30, 2020, but only as to the cybersecurity standards and the parallel flow visualization standards;
- (3) To the extent not inconsistent with Transmission Provider's current NITS practices and procedures, WEQ-001, Open Access Same-Time Information System (OASIS), [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017), excluding standards WEQ-001-9 preamble text, WEQ-001-10 preamble text, WEQ-001-9.5, WEQ-001-10.5, WEQ-001-14.1.3, WEQ-001-15.1.2, WEQ-001-106.2.5, WEQ-001-25 in its entirety, as well as the timing requirements established in 001-23, to the extent not inconsistent with Transmission Provider's current practice, and including incorporation by reference of [WEQ] Version 003.3, March 30, 2020 but only as to the cybersecurity standards;
- (4) To the extent not inconsistent with Transmission Provider's current NITS practices and procedures, WEQ-002, Open Access Same-Time Information System (OASIS) Business Practice Standards and Communication Protocols (S&CP), [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017), excluding Business Practice Standards WEQ-002-4.3.6.6.1 and WEQ-002-4.3.6.6.2, and including incorporation by reference of [WEQ] Version 003.3, March 30, 2020, but only as to the cybersecurity standards;
- (5) To the extent not inconsistent with Transmission Provider's current NITS practices and procedures, WEQ-003, Open Access Same-Time Information System (OASIS) Data Dictionary Business Practice Standards, [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017) (with minor corrections applied Jul. 23, 2019);
- (6) WEQ-004, Coordinate Interchange ([WEQ] Version 003.2, Dec. 8, 2017);

- (7) WEQ-005, Area Control Error (ACE) Equation Special Cases ([WEQ] Version 003.2, Dec. 8, 2017);
- (8) WEQ-006, Manual Time Error Correction ([WEQ] Version 003.1, Sept. 30, 2015);
- (9) WEQ-007, Inadvertent Interchange Payback ([WEQ] Version 003.2, Dec. 8, 2017);
- (10) WEQ-008, Transmission Loading Relief (TLR) – Eastern Interconnection ([WEQ] Version 003.2, Dec. 8, 2017), and [WEQ] Version 003.3, March 30, 2020, but only as to the parallel flow visualization standards;
- (11) WEQ-011, Gas/Electric Coordination, ([WEQ] Version 003.2, Dec. 8, 2017);
- (12) WEQ-012, Public Key Infrastructure (PKI) ([WEQ] Version 003.2, Dec. 8, 2017);
- (13) WEQ-013, Open Access Same-Time Information System (OASIS) Implementation Guide, [OASIS] Version 2.2 ([WEQ] Version 003.2, Dec. 8, 2017);
- (14) WEQ-015, Measurement and Verification of Wholesale Electricity Demand Response ([WEQ] Version 003.2, Dec. 8, 2017);
- (15) WEQ-021, Measurement and Verification of Energy Efficiency Products ([WEQ] Version 003.2, Dec. 8, 2017);
- (16) WEQ-022, Electric Industry Registry ([WEQ] Version 003.2, Dec. 8, 2017); and
- (17) WEQ-023, Modeling. ([WEQ] Version 003.2, Dec. 8, 2017), including only: standards WEQ-023-5; WEQ-023-5.1; WEQ-023-5.1.1; WEQ-023-5.1.2; WEQ-023-5.1.2.1; WEQ-023-5.1.2.2; WEQ-023-5.1.2.3; WEQ-023-5.1.3; WEQ-023-5.2; WEQ-023-6; WEQ-023-6.1; WEQ-023-6.1.1; WEQ-023-6.1.2; and WEQ-023-A Appendix A.

The Commission has granted Transmission Provider with waivers of specified provisions of WEQ-001, WEQ-002 and WEQ-003 as those Business Practice Standards relate to Service Across Multiple Transmission Systems (SAMTS) and Network Integration Transmission Service (NITS), *Order on Compliance and Request for Waivers*, 178 FERC ¶ 61,163 (March 7, 2022).

With respect to SAMTS, the Transmission Provider has adopted Tariff, Part II, section 17.9 and Tariff, Part II, section 18.4, specifying processing timelines for all short-term transmission service requests. The Transmission Provider will process and set the status of a SAMTS request or reservation consistent with a non-SAMTS transaction and the customer may withdraw, annul or reduce their request or reservation without financial penalty in accordance with the

Transmission Provider's Regional Transmission and Energy Scheduling Practices document which can be found on the Transmission Provider's website.

With respect to NITS requests, the Transmission Provider has adopted rules in Tariff, Part III relating to the study and commitment of internal and external network resources and load designations, including Tariff, Part III, section 30 (relating to designation and termination of Network Resources), Tariff, Part III, section 31 (relating to the designation of Network Load), and Tariff, Part III, section 32 (relating to Initial Study procedures for NITS), all of which are subject, however, to the applicable requirements of PJM's Reliability Pricing Model (RPM) rules as set forth in Tariff, Attachment DD and associated requirements as set forth in Transmission Provider's FERC-filed Reliability Assurance Agreement Among Load Serving Entities (RAA) and associated Manuals. Moreover, consistent with the Transmission Provider's planning processes, Network Resources proposing to interconnect to the Transmission System in the PJM Region must comply with the terms, conditions, rules and procedures for interconnection as specified in Tariff, Part IV.