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November 17, 2020

The 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. ER21-428-000
Revisions to Confidentiality*

Dear Secretary Bose:

PJM Interconnection, L.L.C. (“PJM”), under section 205 of the Federal Power Act (“FPA”), 16 U.S.C. § 824d, and section 35.13 of Part 35 of the regulations¹ of the Federal Energy Regulatory Commission (“Commission”), submits for filing proposed revisions to the Amended and Restated Operating Agreement of PJM Interconnection, L.L.C. (“Operating Agreement”), sections 18.17.6 and 18.17.7. The revisions to section 18.17.6 will permit PJM to provide PJM’s Transmission Owners² access to real-time operational data, in graphical format through reliability or situational awareness software tools, that they already have access to in tabular format. This additional access will provide the Transmission Owners with geospatial situational awareness to better understand real-time issues, resulting in better decision-making in support of reliability operations. The revisions to section 18.17.7 will fix typographical errors only in order to avoid confusion and ambiguity that may result if the errors are not corrected. PJM requests that the Commission issue an order accepting the proposed revisions by no later

¹ 18 C.F.R. § 35.13.

² Capitalized terms not otherwise defined herein have the meaning specified in, as applicable, the Tariff, the Operating Agreement, and the Reliability Assurance Agreement among Load-Serving Entities in the PJM Region (“RAA”).

than February 1, 2021, which is seventy-six (76) days from the date of this filing, with an effective date of February 1, 2021.

I. BACKGROUND

Operating Agreement, section 18.17 defines PJM’s obligations with respect to its treatment of Members’ and potential Members’ confidential information. Operating Agreement, section 18.17.6 currently authorizes PJM to install a read-only terminal in the secure control room facility of any Transmission Owners that have access to PJM’s Energy Management System (“EMS”) and its associated transmission and generation data without obtaining written authorization from any Member. The provisions of section 18.17.6 provide for the facilitation of reliable operations between PJM and the Transmission Owners and assist Transmission Owners in performing certain reliability functions with respect to their individual Transmission Facilities and distribution systems. This results in, among other things, enhanced visibility and situational awareness for Transmission Owner dispatchers and facilitates information exchange between PJM and Transmission Owner dispatchers.

As explained in Operating Agreement, section 18.17.6(b), the data in PJM’s EMS is “confidential and/or commercially sensitive because it will display the real-time status of electric transmission lines and generation facilities, the disclosure of which could impact the market and the commercial interests of its participants.” Further, the “information will contain detailed information about real-time grid conditions, transmission lines, power flows, and outages, which may fall within the definition of Critical Energy Infrastructure Information...”³

Having access to real-time operational information for generators both within and outside

³ Operating Agreement, section 18.17.6(b).

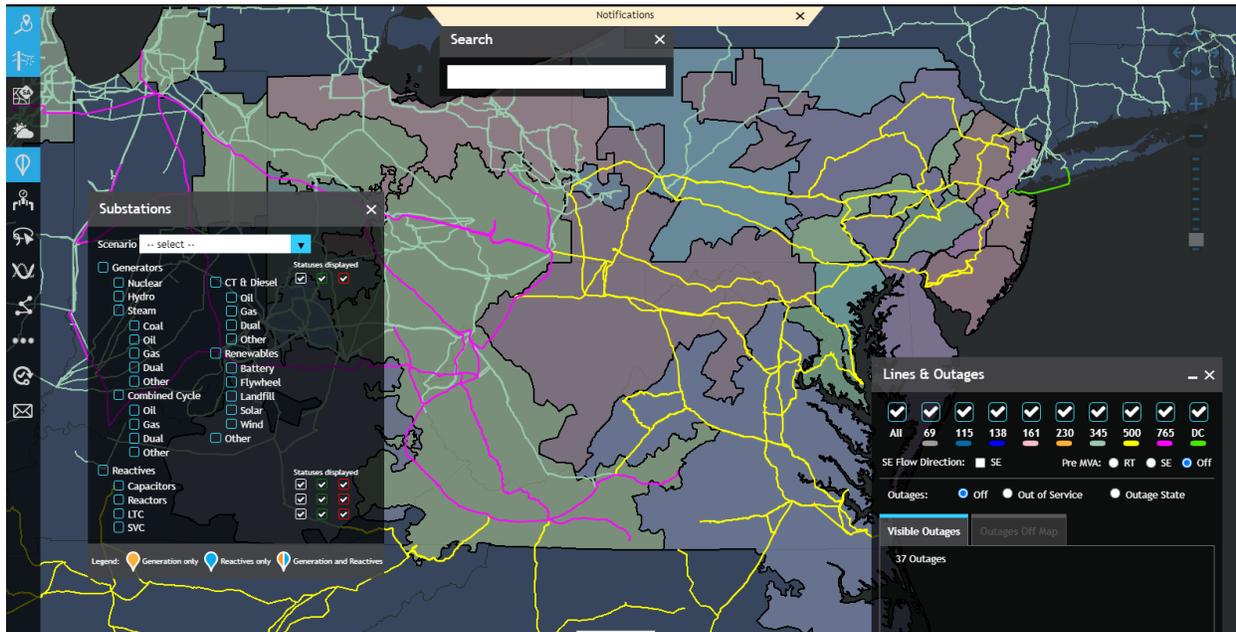
of a Transmission Owner's Zone assists Transmission Owners in the performance of their reliability functions by increasing the visibility of the generators impacting the system and related conditions.⁴ This increased situational awareness, in turn, improves a Transmission Owner's ability to respond to real-time events efficiently and effectively.

In order to better maintain situational awareness, an operator needs to understand the status of grid equipment. Currently, Transmission Operators gather such information, primarily in tabular format, from multiple various sources, including the EMS, the Dispatcher Application and Reporting Tool (eDart), and the Post Contingency Local Load Relief Warning (PCLLRW) tool.

PJM developed a situational awareness software tool that it calls the Dispatch Interactive Map Application ("DIMA") to assist its own dispatchers and control room operators in understanding real-time operational issues on the bulk power system in the PJM Region and surrounding Control Areas. DIMA provides users with real-time grid status at a glance, as demonstrated in the sample image below, with *read-only* geospatial graphical views of operational data, rather than in tabular form. DIMA combines data and information from multiple sources and displays in graphical format in one tool. This will lead to better decision-making by providing geospatial situational awareness that will enable Transmission Owners to better understand real-time issues. For example, in the event of low voltage in a particular area, an operator could quickly identify at a glance nearby capacitor banks that are available to alleviate or mitigate that low voltage, rather than having to refer to complex tabular lists in other tools. DIMA will also provide the operator the ability to understand other external influences on the grid such as real-time weather conditions. Rather than having to reference several sets of information in tabular format from

⁴ See *PJM Interconnection, L.L.C.*, Revisions to the Amended and Restated Operating Agreement of PJM Interconnection, L.L.C. to Revise Section 18.17.6, Docket No. ER15-591-000 (Dec. 5, 2014).

EMS and other sources as they do today, with DIMA they will be able to see, in graphic format, all of those data points in one visual representation at the same time, as reflected in the graphic below.



DIMA was originally implemented in 2014 for PJM’s own dispatchers, but it became increasingly apparent that Transmission Owners could benefit from (and thus began requesting access to) the tool.

Because DIMA contains information that is PJM confidential and/or commercially sensitive, in order to make DIMA available to Transmission Owners without prior written authorization from any member, PJM must revise Operating Agreement, section 18.17.6 to provide for access in a similar manner in which disclosure of EMS data is currently provided – on a read-only terminal in the Transmission Owners secure control room facility. Accordingly, DIMA data will be provided in a graphical format and access will be limited to a read-only terminal or via a secure communication channel. The access will be restricted for the same reason access to EMS

data is limited to a read-only terminal in the Transmission Owners secure control room facility – to prohibit a Transmission Operator’s employees other than its transmission function employees from accessing data regarding system control center or similar facilities used for transmission operations pursuant to the requirements of 18 CFR § 358 (regarding standards of conduct for Transmission Providers).

II. PROPOSED REVISIONS

PJM proposes to revise Operating Agreement, section 18.17.6 to authorize PJM to provide the visual access to the real-time data in DIMA and Operating Agreement, section 18.17.7 to address typographical errors as follows:

18.17.6 Disclosure of EMS and Transmission System Data to Transmission Owners on PJM EMS Terminal and Via Other Reliability or Situational Awareness Tools

(a) While the Office of the Interconnection has overall responsibility for power system reliability in the ~~Office of the Interconnection~~PJM Region, Transmission Owners within the ~~Office of the Interconnection~~PJM Region perform ~~certain~~specified reliability functions with respect to their individual Transmission Facilities and distribution systems. In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, install a read-only terminal, or allow the Transmission Owner through a secure communication channel, in any Transmission Owner’s secure control room facility, ~~with to~~ to access ~~to the~~ Office of the Interconnection’s Energy Management System (EMS), or its or one of its affiliated entities’ other reliability or situational awareness tools, and ~~its~~ the associated ~~data~~ transmission and generation data under the terms and conditions set forth in this section 18.17.6.

(b) The data and information produced by the ~~Office of the Interconnection’s~~ EMS or other situational awareness tool, are confidential and/or commercially sensitive because ~~it~~ they will display the real-time status of electric transmission lines and generation facilities, the disclosure of which could impact the market and the commercial interests of its participants. In addition, the responsive information will contain detailed information about real-time grid conditions, transmission lines, power

flows, and outages, which may fall within the definition of Critical Energy Infrastructure Information (CEII) as set forth in 18 CFR § 388.11~~23~~. The Office of the Interconnection shall not release any generator cost, price or other market information without written authorization pursuant to section 18.17.1 (c) above unless otherwise provided for under this Agreement. The only generator information that will be made available on the read-only PJM EMS terminal is real-time MW/MVAR output and Minimum/Maximum MW Range. The transmission system information that may be made available via a reliability or situational awareness tool is limited to geospatial locations and other real-time operational data.

(c) The confidential or CEII information provided to the Transmission Owner on a read-only PJM EMS terminal or via another reliability or situational awareness tool shall only be held in the secure control room facility of the Transmission Owner. Such data shall be used for informational and operational purposes within the control room by ~~t~~Transmission ~~f~~Function employees as defined in the FERC's rules and regulations, 18 C.F.R. § 358-~~3(j)~~. No "screen-scraping" or other data transfer of information from the read-only terminal or other situational awareness tool to other Transmission Owner systems or databases shall be permitted. No storage of information from the read-only terminal or other reliability or situational awareness tool shall be permitted. The data shall be held confidential within the transmission function environment and not be disclosed to other personnel within the Transmission Owners' company, subsidiaries, marketing organizations, energy affiliates or independent third parties. The Transmission Owner may use the confidential or CEII information only for the purpose of performing Transmission Owner's reliability function and shall not otherwise use the confidential information for its own benefit or for the benefit of any other person.

(d) In the event of any breach:

- (i) The Transmission Owner(s) that caused the breach, or whose confidential information or CEII was used or disseminated beyond the limitations specified herein shall promptly notify the Office of the Interconnection, which shall, in turn, promptly notify FERC and any ~~a~~Affected Member(s) of any inadvertent or intentional release, or possible release, of confidential or CEII information disclosed as provided above.
- (ii) The Office of the Interconnection shall terminate all rights of the Transmission Owner to receive confidential or CEII information as provided in this

section 18.17.6; provided, however, that the Office of the Interconnection may restore a Transmission Owners' status after consulting with the aAffected Member(s) whose confidential or CEII information was used or disseminated beyond the limitations specified herein and to the extent that: (a) the Office of the Interconnection determines that the disclosure was not due to the intentional, reckless or negligent action or omission of the Authorized Person authorized transmission function employee; (b) there were no harm or damages suffered by the aAffected Member(s); or (c) similar good cause shown. Any appeal of the Office of the Interconnection's actions under this section shall be to FERC.

- (iii) The Office of the Interconnection and/or the aAffected Member(s) shall have the right to seek and obtain at least the following types of relief: (a) an order from FERC requiring any breach to cease and preventing any future breaches; (b) temporary, preliminary, and/or permanent injunctive relief and/or damages with respect to any breach; and (c) the immediate return of all confidential or CEII information to the Office of the Interconnection.
- (iv) Any dispute or conflict requesting the relief in section (d)(ii) or (d)(iii)(a) above, shall be submitted to FERC for hearing and resolution. Any dispute or conflict requesting the relief in section (d)(iii)(b) and (c) above may be submitted to FERC or any court of competent jurisdiction for hearing and resolution.

18.17.7 Disclosure of Generator Data to Transmission Owners

- (a) In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, provide to each Transmission Owner upon the Transmission Owner's request the following confidential generator information for any generator that: (1) is or will be modeled within the Transmission Owner's energy management system; or (2) is or will be identified in a Transmission Owner's restoration plan:

- (i) real-time unit status;
- (ii) real-time megawatt output;
- (iii) real-time megavolt amperes reactive (“MVAR”);
- (iv) the start date, start time, stop date, and stop time for the unit’s scheduled outages;
- (v) the unit’s reactive capability curve; and
- (vi) data provided for Transmission Owner use for system restoration planning purposes only, including but not limited to the unit’s start-up times, ramp rate, start-up auxiliary load profile and emergency low-load operation capabilities.

(b) In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, provide to each Transmission Owner the following generator information:

- (i) forecasted unit status;
- (ii) forecasted megawatt output;
- (iii) the start date, start time, stop date, and stop time for the information in this section 18.17.7 (b)(i) and 18.17.7 (b)(ii);
- (iv) the Zone in which the generator resides; and
- (v) generator operating parameters including, but not limited, to each unit’s start-up times, ramp rate, Minimum Down Time, and Minimum Run Time.

(c) The Office of the Interconnection will provide the data in section 18.17.7(a) and (b) only where it possesses such data. The Office of the Interconnection shall provide this confidential information only to transmission function employees, as transmission function employee is defined in section 18 C.F.R. § 358 of the FERC rules and regulations.

(d) A Transmission Owner may only use the generator data provided under section 18.17.7(a) and (b) above for the purpose of executing the Transmission Owner's reliability function and transmission function, as transmission function is defined in section 18 C.F.R. § 358 of the FERC rules and regulations, and shall not otherwise use the confidential information for its own benefit or the benefit of any other person. A Transmission Owner may disclose the generator data obtained under section 18.17.7(a) and (b) above only to the Transmission Owner's transmission function employees whose access to such data is necessary to perform the Transmission Owner's transmission functions. Transmission Owners shall not disclose the generator data obtained under section 18.17.7(a) and (b) above to any person, including marketing function employees as defined in section 18 C.F.R. § 358 of the FERC rules and regulations, except as permitted under this section 18.17.7.

(e) Each Transmission Owner shall protect and keep confidential all the information it receives from the Office of the Interconnection pursuant to this section 18.17.7. It may, copy, post, distribute, disclose or disseminate the data obtained pursuant to section 18.17.7(a) and (b) above only in the following manner. Each Transmission Owner may make a limited number of copies of written or electronic materials to enable the Transmission Owner to adequately use the information obtained pursuant to section 18.17.7(a) and (b) above within the terms and conditions of this section of this Agreement. If the Transmission Owner prints or electronically conveys any information in obtained pursuant to section 18.17.7(a) and (b) above, it shall protect each copy in accordance with this section 18.17.7 and mark each copy as "Confidential Information."

(f) The Transmission Owner shall destroy all information obtained under section 18.17.7(a) and (b) above upon the completion of the use of such information for the purpose of performing Transmission Owner's transmission functions, as transmission functions is defined in section 18 C.F.R. § 358 of the FERC rules and regulations.

(g) A Transmission Owner shall be responsible for the breach of this section 18.17.7 by any of its employees or representatives. In the event of any breach by the Transmission Owner of this section 18.17.7 by any of its employees or representatives, section 18.17.6(d) shall apply to the release of the confidential information.

Making the revisions to Operating Agreement, section 18.17.6 will permit PJM to share available transmission system information, limited to geospatial and other transmission and generation real-time operational data, via DIMA or other similar situational awareness tools, including DIMA, used by PJM or one of PJM's subsidiaries without prior authorization from any Member. To be clear, these changes will not apply to tools or applications such as eDart, OASIS, Emergency Procedures or DataViewer, which currently do not require the same set of restrictions on access or use by Members. Similar to disclosure and treatment of EMS data, access to the DIMA data will be restricted to Transmission Function employees, will be held confidential within the transmission function environment and required not to be disclosed to other personnel within the Transmission Owners' company, subsidiaries, marketing organizations, energy affiliates or independent third parties.⁵

Making the revisions to Operating Agreement, section 18.17.7 will address typographical errors and avoid any resulting confusion or ambiguity regarding the incorrect references.

III. STAKEHOLDER PROCESS

The PJM Operating Committee ("OC") endorsed the PJM proposal to revise Operating Agreement, section 18.17.6 by acclamation with no objections and two abstentions at its July 9, 2020 meeting.⁶ The PJM Markets and Reliability Committee ("MRC") endorsed the Operating Agreement revisions by acclamation with no objections and no abstentions at its August 20, 2020

⁵ See 18 C.F.R. § 358; Operating Agreement, section 18.7.6.

⁶ See Minutes of the OC Meeting, at <https://pjm.com/-/media/committees-groups/committees/oc/2020/20200806/20200806-item-01b-draft-minutes-oc-20200709.ashx>.

meeting,⁷ and the PJM Members Committee approved the revisions⁸ by acclamation with no objections and no abstentions at its September 17, 2020 meeting.⁹

The revisions to Operating Agreement, section 18.17.7 to address the typographical errors were not brought through the stakeholder process as they were discovered during the preparation for this filing.

IV. PROPOSED EFFECTIVE DATE

PJM requests that the Commission issue an order accepting the proposed Tariff revisions by no later than February 1, 2021, with an effective date of February 1, 2021.

V. DOCUMENTS ENCLOSED

This filing consists of the following:

1. This transmittal letter:
2. Electronic versions of the revisions to the Tariff in marked (showing the changes) form (as Attachment A); and
3. Electronic versions of the revisions to the Tariff in clean form (as Attachment B).

VI. CORRESPONDENCE AND COMMUNICATIONS

Correspondence and communications regarding this filing should be sent to the following individuals:

⁷ See Minutes of the August 20, 2020 MRC Meeting, at <https://pjm.com/-/media/committees-groups/committees/mrc/2020/20200917/20200917-cao-draft-minutes-mrc-20200820.ashx>.

⁸ Stakeholders approved/endorsed revisions that originally included access for tools provided by PJM affiliated entities. After proposing deletion to this reference to PJM affiliated entities at the November 16, 2020 MC webinar with no objections, PJM has deleted the reference to its affiliated entities because it is unnecessary for purposes of giving access to the Transmission Owners. See <https://pjm.com/-/media/committees-groups/committees/mc/2020/20201116-webinar/20201116-item-01-dima-oa-revisions.ashx>.

⁹ See Minutes of the September 17, 2020 MC Meeting at <https://pjm.com/-/media/committees-groups/committees/mc/2020/20201029/20201029-cao-draft-minutes-mc-20200917.ashx>.

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VII. SERVICE

PJM has served a copy of this filing on all PJM Members and on all state utility regulatory commissions in the PJM Region by posting this filing electronically. In accordance with the Commission's regulations,¹⁰ PJM will post a copy of this filing to the FERC filings section of its internet site, at the following link: <http://www.pjm.com/documents/ferc-manuals/ferc-filings.aspx> with a specific link to the newly-filed document, and will send an e-mail on the same date as this filing to all PJM Members and all state utility regulatory commissions in the PJM Region¹¹ alerting them 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 twenty-four hours of the filing. A copy of this filing will be available on the Commission's eLibrary website at the following link: <http://www.ferc.gov/docs-filing/elibrary.asp> in accordance with the Commission's regulations and Order No. 714.

¹⁰ See 18C.F.R §§ 35.2(e) and 385.2010(f)(3).

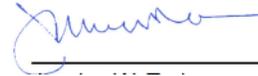
¹¹ PJM already maintains, updates, and regularly uses e-mail lists for all PJM Members and affected state commissions.

VIII. CONCLUSION

Accordingly, PJM requests that the Commission accept the revisions to the Tariff, as described herein.

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Respectfully submitted,



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Attachment A

Revisions to the PJM Operating Agreement
(Marked/Redline Format)

18.17 Confidentiality.

18.17.1 Party Access.

(a) No Member shall have a right hereunder to receive or review any documents, data or other information of another Member, including documents, data or other information provided to the Office of the Interconnection, to the extent such documents, data or information have been designated as confidential pursuant to the procedures adopted by the Office of the Interconnection and/or the Market Monitoring Unit or to the extent that they have been designated as confidential by such other Member; provided, however, a Member may receive and review any composite documents, data and other information that may be developed based on such confidential documents, data or information if the composite does not disclose any individual Member's confidential data or information.

(b) Except as may be provided in this Agreement or in the PJM Open Access Transmission Tariff, the Office of the Interconnection shall not disclose to its Members or to third parties, any documents, data, or other information of a Member or entity applying for Membership, to the extent such documents, data, or other information has been designated confidential pursuant to the procedures adopted by the Office of the Interconnection or by such Member or entity applying for membership; provided that nothing contained herein shall prohibit the Office of the Interconnection from providing any such confidential information to its agents, representatives, or contractors to the extent that such person or entity is bound by an obligation to maintain such confidentiality; provided further that nothing contained herein shall prohibit the Office of the Interconnection from providing Member confidential information to the NERC, EIDSN, Inc., any Applicable Regional Entity, any Reliability Coordinator, any Transmission Operator, and the agents, representatives, or contractors of such entity, to the extent that (i) the Office of the Interconnection determines in its reasonable discretion that the exchange of such information is required to enhance and/or maintain reliability within the Members' Applicable Regional Entities and their neighboring Regional Entities, or within the region of any Reliability Coordinator, (ii) such entity is bound by a written agreement to maintain such confidentiality, and (iii) the Office of the Interconnection has notified the affected party of its intention to release such information no less than five Business Days prior to the release. The Office of the Interconnection, its designated agents, representatives, and contractors shall maintain as confidential the electronic tag ("e-Tag") data of an e-Tag Author or Balancing Authority (defined as those terms are used in FERC Order No. 771) to the same extent as Member data under this section 18.17. Nothing contained herein shall prohibit the Office of the Interconnection or its designated agents, representatives, or contractors from providing to another Regional Transmission Organization ("RTO") or Independent System Operator ("ISO"), upon their request, the e-Tags of an e-Tag Author or Balancing Authority for intra-PJM Region transactions and interchange transactions scheduled to flow into, out of or through the PJM Region, to the extent such RTO or ISO has requested such information as part of its investigation of possible market violations or market design flaws, and to the extent that such RTO or ISO is bound by a tariff provision requiring that the e-Tag data be maintained as confidential or, in the absence of a tariff requirement governing confidentiality, a written agreement with the Office of the Interconnection consistent with FERC Order No. 771 and any clarifying orders and implementing regulations. The Office of the Interconnection shall collect and use confidential

information only in connection with its authority under this Agreement and the Open Access Transmission Tariff and the retention of such information shall be in accordance with the Office of the Interconnection's data retention policies.

(c) Nothing contained herein shall prevent the Office of the Interconnection from releasing a Member's confidential data or information to a third party provided that the Member has delivered to the Office of the Interconnection and/or the Market Monitoring Unit specific, written authorization for such release setting forth the data or information to be released, to whom such release is authorized, and the period of time for which such release shall be authorized. The Office of the Interconnection shall limit the release of a Member's confidential data or information to that specific authorization received from the Member. Nothing herein shall prohibit a Member from withdrawing such authorization upon written notice to the Office of the Interconnection, who shall cease such release as soon as practicable after receipt of such withdrawal notice.

(d) Reciprocal provisions to this section 18.17.1, Operating Agreement, section 18.17.2, Operating Agreement, section 18.17.3, Operating Agreement, section 18.17.4 and Operating Agreement, section 18.17.5, delineating the confidentiality requirements of PJM's Market Monitoring Unit, are set forth in Tariff, Attachment M – Appendix, section I.

(e) Notwithstanding anything to the contrary in this Agreement or in the PJM Tariff, the Office of the Interconnection shall post the following on its website:

(i) the non-aggregated bid data and Offer Data submitted by Market Participants (for participation on the PJM Interchange Energy Market) approximately four months after the bid or offer was submitted to the Office of the Interconnection to allow the tracking of Market Participants' non-aggregated bids and offers over time as required by FERC Order No. 719. However, to protect the confidential, market sensitive and/or proprietary bidding strategies of Market Participants as well as the identity of Market Participants from being discernible from the published data, the posted information will not reveal the (a) name of the resource, (b) characteristics of a specific resource, (c) identity of the load, (d) name of the individual or entity submitting the data, (e) identity of the resource owner, or (f) location of the resource at a level lower than its Zone. The Office of the Interconnection also reserves the right to take any other precautionary measures that it deems appropriate to preserve the confidential, market sensitive and/or proprietary bidding strategies of Market Participants to the extent not specifically set forth herein.

(ii) Within 20 calendar days after the end of each month, (a) the total daily uplift credits by Zone as set forth in Tariff, Attachment J, and RAA, Schedule 15, and applicable uplift charge codes (including lost opportunity cost contained within operating reserves) and (b) the total daily uplift charges by applicable PJM Region or Zone, as set forth in Tariff, Attachment J and RAA, Schedule 15, and applicable uplift charge codes along with relevant subcategories by which they are allocated. The Office of the Interconnection shall incorporate the best available information at the time the posting is created.

(iii) Within 90 calendar days after the end of each month, the name of each generation resource unit and amount of uplift credit payments by applicable uplift charge codes (including lost opportunity cost contained within operating reserves, but excluding Black Start Service) for each resource unit that received uplift credits in that month. For Demand Resources or Economic Load Response Participants, the Office of Interconnection shall post, within 90 calendar days after the end of each month, the individual resource identification number associated with the Demand Resource or Economic Load Response Participant's relevant dispatch group or registration, the name of the associated Curtailment Service Provider, the Zone and energy pricing point used to settle the Demand Resource or Economic Load Response Participant's dispatch group or registration, and the corresponding amount of uplift credits by applicable uplift charge codes for the dispatch group or registration that received uplift credits in that month. The Office of Interconnection shall incorporate the best available information at the time the posting is created.

(iv) Within 30 calendar days after the end of each month, each Operator-initiated Commitment listing the size of the commitment in megawatts (where megawatts are equal to the economic maximum), Zone (as set forth in Tariff, Attachment J and RAA, Schedule 15), commitment reason, and commitment start time. Commitment reasons shall include, but are not limited to, system wide capacity, constraint management, and voltage support.

(f) To the extent permitted pursuant to 18 C.F.R. §38.2 (or successor provisions), nothing contained herein shall prohibit the Office of the Interconnection from sharing non-public, operational information with an interstate natural gas pipeline operator for the purpose of promoting reliable service or operational planning. Further, the Office of the Interconnection shall be permitted to share non-public, operational information with natural gas local distribution companies and/or intrastate natural gas pipeline operators, as appropriate, for the purpose of promoting reliable service or operational planning, provided that such party has acknowledged, in writing, that it shall not disclose, or use anyone as a conduit for disclosure of, non-public, operational information received from the Office of Interconnection to a third party or in an unduly discriminatory or preferential manner or to the detriment of any natural gas and/or electric market. Such non-public, operational information received from natural gas local distribution companies and/or intrastate natural gas pipeline operators pursuant to this section will be subject to the confidentiality provisions set forth in this section 18.17.

18.17.2 Required Disclosure.

(a) Notwithstanding anything in the foregoing section to the contrary, and subject to the provisions of section 18.17.3 below, if the Office of the Interconnection is required by applicable law, order, or in the course of administrative or judicial proceedings, to disclose to third parties, information that is otherwise required to be maintained in confidence pursuant to this Agreement, the Office of the Interconnection or its designated agents, representatives, or contractors may make disclosure of such information; provided, however, that as soon as the Office of the Interconnection learns of the disclosure requirement and prior to it or its designated agents, representatives, or contractors making disclosure, the Office of the Interconnection shall notify the affected Member or Members of the requirement and the terms thereof and the affected Member or Members may direct, at their sole discretion and cost, any challenge to or

defense against the disclosure requirement. The Office of the Interconnection shall cooperate with such affected Members to the maximum extent practicable to minimize the disclosure of the information consistent with applicable law. The Office of the Interconnection shall cooperate with the affected Members to obtain proprietary or confidential treatment of such information by the person to whom such information is disclosed prior to any such disclosure.

(b) Nothing in this section 18.17 shall prohibit or otherwise limit the Office of the Interconnection's use of information covered herein if such information was: (i) previously known to the Office of the Interconnection without an obligation of confidentiality; (ii) independently developed by or for the Office of the Interconnection using non-confidential information; (iii) acquired by the Office of the Interconnection from a third party which is not, to the Office of the Interconnection's knowledge, under an obligation of confidence with respect to such information; (iv) which is or becomes publicly available other than through a manner inconsistent with this section 18.17.

(c) The Office of the Interconnection shall impose on any contractors retained to provide technical support or otherwise to assist with the implementation or administration of this Agreement or of the Open Access Transmission Tariff a contractual duty of confidentiality consistent with this Agreement. A Member shall not be obligated to provide confidential or proprietary information to any contractor that does not assume such a duty of confidentiality, and the Office of the Interconnection shall not provide any such information to any such contractor without the express written permission of the Member providing the information.

18.17.3 Disclosure to FERC and CFTC.

(a) Notwithstanding anything in this section to the contrary, if the FERC, the Commodity Futures Trading Commission ("CFTC"), or the staff of those commissions, during the course of an investigation or otherwise, requests information from the Office of the Interconnection that is otherwise required to be maintained in confidence pursuant to this Agreement, the Office of the Interconnection shall provide the requested information to the FERC, CFTC or their respective staff, within the time provided for in the request for information. In providing the information to the FERC or its staff, the Office of the Interconnection may request, consistent with 18 C.F.R. §§ 1b.20 and 388.112, or to the CFTC or its staff, the Office of the Interconnection may request, consistent with 17 C.F.R. §§ 11.3 and 145.9, that the information be treated as confidential and non-public by the respective commission and its staff and that the information be withheld from public disclosure. The Office of the Interconnection shall promptly notify any affected Member(s) if the Office of the Interconnection receives from the FERC, CFTC or their staff written notice that the commission has decided to release publicly, or has asked for comment on whether such commission should release publicly, confidential information previously provided to a commission by the Office of the Interconnection.

(b) Section 18.17.3(a) above shall not apply to requests for production of information under Subpart D of the FERC's Rules of Practice and Procedure (18 CFR Part 385) in proceedings before FERC and its administrative law judges. In all such proceedings, the Office of the Interconnection shall follow the procedures in section 18.17.2 above.

(c) Pursuant to the FERC Order No. 760, as codified under 18 C.F.R. § 35.28(g)(4), to the extent that the Office of the Interconnection already collects such data described in Order No. 760, the Office of the Interconnection shall electronically deliver to the FERC, on an ongoing basis and in a form and manner consistent with its own collection of data and in a form and manner acceptable to the FERC, data related to the markets that the Office of the Interconnection administers. Section 18.17.3(a) above shall not apply to data supplied to the FERC under this subsection (c) to satisfy the FERC Order No. 760 requirements.

(d) Pursuant to the FERC Order No. 771 and any clarifying orders, as codified under 18 C.F.R. § 366.2(d), the Office of the Interconnection shall ensure that FERC is included as an addressee on all e-Tags for transactions that sink within the PJM Region.

18.17.4 Disclosure to Authorized Commissions.

(a) Notwithstanding anything in this section to the contrary, the Office of the Interconnection shall disclose confidential information, otherwise required to be maintained in confidence pursuant to this Agreement, to an Authorized Commission under the following conditions:

- (i) The Authorized Commission has provided the FERC with a properly-executed Certification in the form attached hereto as Operating Agreement, Schedule 10A. Upon receipt of the Authorized Commission's Certification, the FERC shall provide public notice of the Authorized Commission's filing pursuant to 18 C.F.R. § 385.2009. If any interested party disputes the accuracy and adequacy of the representations contained in the Authorized Commission's Certification, that party may file a protest with the Commission within 14 days of the date of such notice, pursuant to 18 C.F.R. § 385.211. The Authorized Commission may file a response to any such protest within seven days. Each party shall bear its own costs in connection with such a FERC protest proceeding. If there are material changes in law that affect the accuracy and adequacy of the representations in the Certification filed with the Commission, the Authorized Commission shall, within thirty (30) days, submit an amended Certification identifying such changes. Any such amended Certification shall be subject to the same procedures for comment and review by the Commission as set forth above in this paragraph.

The Office of the Interconnection may not disclose data to an Authorized Commission during the Commission's consideration of the Certification and any filed protests. If the Commission does not act upon an Authorized Commission's Certification within 90 days of the date of filing, the Certification shall be deemed approved and the Authorized Commission shall be permitted to receive confidential information pursuant to this section. In the event that an interested party protests the Authorized Commission's Certification and the Commission approves the Certification, that party may not challenge any Information Request made by the Authorized Commission on the grounds that the Authorized

Commission is unable to protect the confidentiality of the information requested, in the absence of a showing of changed circumstances.

- (ii) Any confidential information provided to an Authorized Commission pursuant to this section shall not be further disclosed by the recipient Authorized Commission except by order of the Commission.
- (iii) The Office of the Interconnection shall be expressly entitled to rely upon such Authorized Commission Certifications in providing confidential information to the Authorized Commission, and shall in no event be liable, or subject to damages or claims of any kind or nature hereunder, due to the ineffectiveness or inaccuracy of such Authorized Commission Certifications.
- (iv) The Authorized Commission may provide confidential information obtained from the Office of the Interconnection to such of its employees, attorneys and contractors as needed to examine or handle that information in the course and scope of their work on behalf of the Authorized Commission, provided that (a) the Authorized Commission has internal procedures in place, pursuant to the Certification, to ensure that each person receiving such information agrees to protect the confidentiality of such information (such employees, attorneys or contractors to be defined hereinafter as “Authorized Persons”); (b) the Authorized Commission provides, pursuant to the Certification, a list of such Authorized Persons to the Office of the Interconnection and the Market Monitoring Unit and updates such list, as necessary, every ninety (90) days; and (c) any third-party contractors provided access to confidential information sign a non-disclosure agreement in the form attached hereto as Operating Agreement, Schedule 10 before being provided access to any such confidential information.
- (v) The Office of the Interconnection shall maintain a schedule of all Authorized Persons and the Authorized Commissions they represent, which shall be made publicly available on its website, or by written request. Such schedule shall be compiled by the Office of the Interconnection, based on information provided by any Authorized Commission. The Office of the Interconnection shall update the schedule promptly upon receipt of information from an Authorized Commission, but shall have no obligation to verify or corroborate any such information, and shall not be liable or otherwise responsible for any inaccuracies in the schedule due to incomplete or erroneous information conveyed to and relied upon by the Office of the Interconnection in the compilation and/or maintenance of the schedule.

(b) The Office of the Interconnection may, in the course of discussions with an Authorized Person, orally disclose information otherwise required to be maintained in confidence, without

the need for a prior Information Request. Such oral disclosures shall provide enough information to enable the Authorized Person or the Authorized Commission with which that Authorized Person is associated to determine whether additional Information Requests are appropriate. The Office of the Interconnection will not make any written or electronic disclosures of confidential information to the Authorized Person pursuant to this section 18.17.4(b). In any such discussions, the Office of the Interconnection shall ensure that the individual or individuals receiving such confidential information are Authorized Persons as defined herein, orally designate confidential information that is disclosed, and refrain from identifying any specific Affected Member whose information is disclosed. The Office of the Interconnection shall also be authorized to assist Authorized Persons in interpreting confidential information that is disclosed. The Office of the Interconnection shall provide any Affected Member with oral notice of any oral disclosure immediately, but not later than one (1) Business Day after the oral disclosure. Such oral notice to the Affected Member shall include the substance of the oral disclosure, but shall not reveal any confidential information of any other Member and must be received by the Affected Member before the name of the Affected Member is released to the Authorized Person; provided however, disclosure of the identity of the Affected Party must be made to the Authorized Commission with which the Authorized Person is associated within two (2) Business Days of the initial oral disclosure.

(c) As regards Information Requests:

- (i) Information Requests to the Office of the Interconnection and/or Market Monitoring Unit by an Authorized Commission shall be in writing, which shall include electronic communications, addressed to the Office of the Interconnection, and shall: (a) describe the information sought in sufficient detail to allow a response to the Information Request; (b) provide a general description of the purpose of the Information Request; (c) state the time period for which confidential information is requested; and (d) re-affirm that only Authorized Persons shall have access to the confidential information requested. The Office of the Interconnection shall provide an Affected Member with written notice, which shall include electronic communication, of an Information Request by an Authorized Commission as soon as possible, but not later than two (2) Business Days after the receipt of the Information Request.
- (ii) Subject to the provisions of section (c)(iii) below, the Office of the Interconnection shall supply confidential information to the Authorized Commission in response to any Information Request within five (5) Business Days of the receipt of the Information Request, to the extent that the requested confidential information can be made available within such period; provided however, that in no event shall confidential information be released prior to the end of the fourth (4th) Business Day without the express consent of the Affected Member. To the extent that the Office of the Interconnection cannot reasonably prepare and deliver the requested confidential information within such five (5) day period, it shall, within such period, provide the Authorized Commission with a written schedule

for the provision of such remaining confidential information. Upon providing confidential information to the Authorized Commission, the Office of the Interconnection shall either provide a copy of the confidential information to the Affected Member(s), or provide a listing of the confidential information disclosed; provided, however, that the Office of the Interconnection shall not reveal any Member's confidential information to any other Member.

- (iii) Notwithstanding section (c)(ii) above, should the Office of the Interconnection or an Affected Member object to an Information Request or any portion thereof, any of them may, within four (4) Business Days following the Office of the Interconnection's receipt of the Information Request, request, in writing, a conference with the Authorized Commission to resolve differences concerning the scope or timing of the Information Request; provided, however, nothing herein shall require the Authorized Commission to participate in any conference. Any party to the conference may seek assistance from FERC staff in resolution of the dispute or terminate the conference process at any time. Should such conference be refused or terminated by any participant or should such conference not resolve the dispute, then the Office of the Interconnection or the Affected Member may file a complaint with the Commission pursuant to Rule 206 objecting to the Information Request within ten (10) Business Days following receipt of written notice from any conference participant terminating such conference. Any complaints filed at FERC objecting to a particular Information Request shall be designated by the party as a "fast track" complaint and each party shall bear its own costs in connection with such FERC proceeding. The grounds for such a complaint shall be limited to the following: (a) the Authorized Commission is no longer able to preserve the confidentiality of the requested information due to changed circumstances relating to the Authorized Commission's ability to protect confidential information arising since the filing of or rejection of a protest directed to the Authorized Commission's Certification; (b) complying with the Information Request would be unduly burdensome to the complainant, and the complainant has made a good faith effort to negotiate limitations in the scope of the requested information; or (c) other exceptional circumstances exist such that complying with the Information Request would result in harm to the complainant. There shall be a presumption that "exceptional circumstances," as used in the prior sentence, does not include circumstances in which an Authorized Commission has requested wholesale market data (or Market Monitoring Unit workpapers that support or explain conclusions or analyses) generated in the ordinary course and scope of the operations of the Office of the Interconnection and/or the Market Monitoring Unit. There shall be a presumption that circumstances in which an Authorized Commission has requested personnel files, internal emails and internal company memos, analyses and related work product constitute "exceptional circumstances"

as used in the prior sentence. If no complaint challenging the Information Request is filed within the ten (10) day period defined above, the Office of the Interconnection shall utilize its best efforts to respond to the Information Request promptly. If a complaint is filed, and the Commission does not act on that complaint within ninety (90) days, the complaint shall be deemed denied and the Office of Interconnection shall use its best efforts to respond to the Information Request promptly.

- (iv) Any Authorized Commission may initiate appropriate legal action at FERC within ten (10) Business Days following receipt of information designated as “Confidential,” challenging such designation. Any complaints filed at FERC objecting to the designation of information as “Confidential” shall be designated by the party as a “fast track” complaint and each party shall bear its own costs in connection with such FERC proceeding. The party filing such a complaint shall be required to prove that the material disclosed does not merit “Confidential” status because it is publicly available from other sources or contains no trade secret or other sensitive commercial information (with “publicly available” not being deemed to include unauthorized disclosures of otherwise confidential data).

(d) In the event of any breach of confidentiality of information disclosed pursuant to an Information Request by an Authorized Commission or Authorized Person:

- (i) The Authorized Commission or Authorized Person shall promptly notify the Office of the Interconnection, who shall, in turn, promptly notify any Affected Member of any inadvertent or intentional release, or possible release, of confidential information provided pursuant to this section.
- (ii) The Office of the Interconnection shall terminate the right of such Authorized Commission to receive confidential information under this section upon written notice to such Authorized Commission unless: (i) there was no harm or damage suffered by the Affected Member; or (ii) similar good cause is shown. Any appeal of the Office of the Interconnection’s and/or the Market Monitoring Unit’s actions under this section shall be to FERC. An Authorized Commission shall be entitled to reestablish its certification as set forth in section 18.17.4(a) above by submitting a filing with the Commission showing that it has taken appropriate corrective action. If the Commission does not act upon an Authorized Commission’s re-certification filing with sixty (60) days of the date of the filing, the re-certification shall be deemed approved and the Authorized Commission shall be permitted to receive confidential information pursuant to this section.
- (iii) The Office of the Interconnection and/or the Affected Member shall have the right to seek and obtain at least the following types of relief: (a) an

order from FERC requiring any breach to cease and preventing any future breaches; (b) temporary, preliminary, and/or permanent injunctive relief with respect to any breach; and (c) the immediate return of all confidential information to the Office of the Interconnection.

- (iv) No Authorized Person or Authorized Commission shall have responsibility or liability whatsoever under this section for any and all liabilities, losses, damages, demands, fines, monetary judgments, penalties, costs and expenses caused by, resulting from, or arising out of or in connection with the release of confidential information to persons not authorized to receive it, provided that such Authorized Person is an agent, servant, employee or member of an Authorized Commission at the time of such unauthorized release. Nothing in this section (d)(iv) is intended to limit the liability of any person who is not an agent, servant, employee or member of an Authorized Commission at the time of such unauthorized release for any and all economic losses, damages, demands, fines, monetary judgments, penalties, costs and expenses caused by, resulting from, or arising out of or in connection with such unauthorized release.
- (v) Any dispute or conflict requesting the relief in section (d)(ii) or (d)(iii)(a) above, shall be submitted to FERC for hearing and resolution. Any dispute or conflict requesting the relief in section (d)(iii)(c) above may be submitted to FERC or any court of competent jurisdiction for hearing and resolution.

18.17.5 [Reserved]

18.17.6 Disclosure of EMS and Transmission System Data to Transmission Owners on PJM EMS Terminal and Via Other Reliability or Situational Awareness Tools

(a) While the Office of the Interconnection has overall responsibility for power system reliability in the ~~Office of the Interconnection region~~ PJM Region, Transmission Owners within the ~~Office of the Interconnection region~~ PJM Region perform ~~certain specified~~ reliability functions with respect to their individual Transmission Facilities and distribution systems. In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, install a read-only terminal, or allow the Transmission Owner through a secure communication channel, in any Transmission Owner's secure control room facility, ~~with to~~ access ~~to~~ the Office of the Interconnection's Energy Management System (EMS), or its other reliability or situational awareness tools, and ~~it~~ the associated ~~data~~ transmission and generation data under the terms and conditions set forth in this section 18.17.6.

(b) The data and information produced by the ~~Office of the Interconnection's~~ EMS or other situational awareness tool, are confidential and/or commercially sensitive because ~~it~~ they will display the real-time status of electric transmission lines and generation facilities, the disclosure of which could impact the market and the commercial interests of its participants. In addition,

the responsive information will contain detailed information about real-time grid conditions, transmission lines, power flows, and outages, which may fall within the definition of Critical Energy Infrastructure Information (CEII) as set forth in 18 CFR § 388.11~~32~~. The Office of the Interconnection shall not release any generator cost, price or other market information without written authorization pursuant to section 18.17.1 (c) above unless otherwise provided for under this Agreement. The only generator information that will be made available on the read-only PJM EMS terminal is real-time MW/MVAR output and Minimum/Maximum MW Range. The transmission system information that may be made available via a reliability or situational awareness tool is limited to geospatial locations and other real-time operational data.

(c) The confidential or CEII information provided to the Transmission Owner on a read-only PJM EMS terminal or via another reliability or situational awareness tool shall only be held in the secure control room facility of the Transmission Owner. Such data shall be used for informational and operational purposes within the control room by ~~t~~Transmission ~~f~~Function employees as defined in the FERC's rules and regulations, 18 C.F.R. § 358.3~~(j)~~. No "screen-scraping" or other data transfer of information from the read-only terminal or other situational awareness tool to other Transmission Owner systems or databases shall be permitted. No storage of information from the read-only terminal or other reliability or situational awareness tool shall be permitted. The data shall be held confidential within the transmission function environment and not be disclosed to other personnel within the Transmission Owners' company, subsidiaries, marketing organizations, energy affiliates or independent third parties. The Transmission Owner may use the confidential or CEII information only for the purpose of performing Transmission Owner's reliability function and shall not otherwise use the confidential information for its own benefit or for the benefit of any other person.

(d) In the event of any breach:

- (i) The Transmission Owner(s) that caused the breach, or whose confidential information or CEII was used or disseminated beyond the limitations specified herein shall promptly notify the Office of the Interconnection, which shall, in turn, promptly notify FERC and any ~~a~~Affected Member(s) of any inadvertent or intentional release, or possible release, of confidential or CEII information disclosed as provided above.
- (ii) The Office of the Interconnection shall terminate all rights of the Transmission Owner to receive confidential or CEII information as provided in this section 18.17.6; provided, however, that the Office of the Interconnection may restore a Transmission Owners' status after consulting with the ~~a~~Affected Member(s) whose confidential or CEII information was used or disseminated beyond the limitations specified herein and to the extent that: (a) the Office of the Interconnection determines that the disclosure was not due to the intentional, reckless or negligent action or omission of the ~~Authorized Person authorized transmission function employee~~; (b) there were no harm or damages suffered by the ~~a~~Affected Member(s); or (c) similar good cause shown.

Any appeal of the Office of the Interconnection's actions under this section shall be to FERC.

- (iii) The Office of the Interconnection and/or the ~~a~~Affected Member(s) shall have the right to seek and obtain at least the following types of relief: (a) an order from FERC requiring any breach to cease and preventing any future breaches; (b) temporary, preliminary, and/or permanent injunctive relief and/or damages with respect to any breach; and (c) the immediate return of all confidential or CEII information to the Office of the Interconnection.
- (iv) Any dispute or conflict requesting the relief in section (d)(ii) or (d)(iii)(a) above, shall be submitted to FERC for hearing and resolution. Any dispute or conflict requesting the relief in section (d)(iii)(b) and (c) above may be submitted to FERC or any court of competent jurisdiction for hearing and resolution.

18.17.7 Disclosure of Generator Data to Transmission Owners

(a) In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, provide to each Transmission Owner upon the Transmission Owner's request the following confidential generator information for any generator that: (1) is or will be modeled within the Transmission Owner's energy management system; or (2) is or will be identified in a Transmission Owner's restoration plan:

- (i) real-time unit status;
- (ii) real-time megawatt output;
- (iii) real-time megavolt amperes reactive ("MVAR");
- (iv) the start date, start time, stop date, and stop time for the unit's scheduled outages;
- (v) the unit's reactive capability curve; and
- (vi) data provided for Transmission Owner use for system restoration planning purposes only, including but not limited to the unit's start-up times, ramp rate, start-up auxiliary load profile and emergency low-load operation capabilities.

(b) In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, provide to each Transmission Owner the following generator information:

- (i) forecasted unit status;
- (ii) forecasted megawatt output;
- (iii) the start date, start time, stop date, and stop time for the information in this section 18.17.7 (b)(i) and 18.17.7 (b)(ii);
- (iv) the Zone in which the generator resides; and
- (v) generator operating parameters including, but not limited, to each unit's start-up times, ramp rate, Minimum Down Time, and Minimum Run Time.

(c) The Office of the Interconnection will provide the data in section 18.17.7(a) and (b) only where it possesses such data. The Office of the Interconnection shall provide this confidential information only to transmission function employees, as transmission function employee is defined in section 18 C.F.R. § 358 of the FERC rules and regulations.

(d) A Transmission Owner may only use the generator data provided under section 18.17.7(a) and (b) above for the purpose of executing the Transmission Owner's reliability function and transmission function, as transmission function is defined in section 18 C.F.R. § 358 of the FERC rules and regulations, and shall not otherwise use the confidential information for its own benefit or the benefit of any other person. A Transmission Owner may disclose the generator data obtained under section 18.17.7(a) and (b) above only to the Transmission Owner's transmission function employees whose access to such data is necessary to perform the Transmission Owner's transmission functions. Transmission Owners shall not disclose the generator data obtained under section 18.17.7(a) and (b) above to any person, including marketing function employees as defined in section 18 C.F.R. § 358 of the FERC rules and regulations, except as permitted under this section 18.17.7.

(e) Each Transmission Owner shall protect and keep confidential all the information it receives from the Office of the Interconnection pursuant to this section 18.17.7. It may, copy, post, distribute, disclose or disseminate the data obtained pursuant to section 18.17.7(a) and (b) above only in the following manner. Each Transmission Owner may make a limited number of copies of written or electronic materials to enable the Transmission Owner to adequately use the information obtained pursuant to section 18.17.7(a) and (b) above within the terms and conditions of this section of this Agreement. If the Transmission Owner prints or electronically conveys any information in obtained pursuant to section 18.17.7(a) and (b) above, it shall protect each copy in accordance with this section 18.17.7 and mark each copy as "Confidential Information."

(f) The Transmission Owner shall destroy all information obtained under section 18.17.7(a) and (b) above upon the completion of the use of such information for the purpose of performing Transmission Owner's transmission functions, as transmission functions is defined in section 18 C.F.R. § 358 of the FERC rules and regulations.

(g) A Transmission Owner shall be responsible for the breach of this section 18.17.7 by any of its employees or representatives. In the event of any breach by the Transmission Owner of this section 18.17.7 by any of its employees or representatives, section 18.17.6(d) shall apply to the release of the confidential information.

Attachment B

Revisions to the PJM Operating Agreement
(Clean Format)

18.17 Confidentiality.

18.17.1 Party Access.

(a) No Member shall have a right hereunder to receive or review any documents, data or other information of another Member, including documents, data or other information provided to the Office of the Interconnection, to the extent such documents, data or information have been designated as confidential pursuant to the procedures adopted by the Office of the Interconnection and/or the Market Monitoring Unit or to the extent that they have been designated as confidential by such other Member; provided, however, a Member may receive and review any composite documents, data and other information that may be developed based on such confidential documents, data or information if the composite does not disclose any individual Member's confidential data or information.

(b) Except as may be provided in this Agreement or in the PJM Open Access Transmission Tariff, the Office of the Interconnection shall not disclose to its Members or to third parties, any documents, data, or other information of a Member or entity applying for Membership, to the extent such documents, data, or other information has been designated confidential pursuant to the procedures adopted by the Office of the Interconnection or by such Member or entity applying for membership; provided that nothing contained herein shall prohibit the Office of the Interconnection from providing any such confidential information to its agents, representatives, or contractors to the extent that such person or entity is bound by an obligation to maintain such confidentiality; provided further that nothing contained herein shall prohibit the Office of the Interconnection from providing Member confidential information to the NERC, EIDSN, Inc., any Applicable Regional Entity, any Reliability Coordinator, any Transmission Operator, and the agents, representatives, or contractors of such entity, to the extent that (i) the Office of the Interconnection determines in its reasonable discretion that the exchange of such information is required to enhance and/or maintain reliability within the Members' Applicable Regional Entities and their neighboring Regional Entities, or within the region of any Reliability Coordinator, (ii) such entity is bound by a written agreement to maintain such confidentiality, and (iii) the Office of the Interconnection has notified the affected party of its intention to release such information no less than five Business Days prior to the release. The Office of the Interconnection, its designated agents, representatives, and contractors shall maintain as confidential the electronic tag ("e-Tag") data of an e-Tag Author or Balancing Authority (defined as those terms are used in FERC Order No. 771) to the same extent as Member data under this section 18.17. Nothing contained herein shall prohibit the Office of the Interconnection or its designated agents, representatives, or contractors from providing to another Regional Transmission Organization ("RTO") or Independent System Operator ("ISO"), upon their request, the e-Tags of an e-Tag Author or Balancing Authority for intra-PJM Region transactions and interchange transactions scheduled to flow into, out of or through the PJM Region, to the extent such RTO or ISO has requested such information as part of its investigation of possible market violations or market design flaws, and to the extent that such RTO or ISO is bound by a tariff provision requiring that the e-Tag data be maintained as confidential or, in the absence of a tariff requirement governing confidentiality, a written agreement with the Office of the Interconnection consistent with FERC Order No. 771 and any clarifying orders and implementing regulations. The Office of the Interconnection shall collect and use confidential

information only in connection with its authority under this Agreement and the Open Access Transmission Tariff and the retention of such information shall be in accordance with the Office of the Interconnection's data retention policies.

(c) Nothing contained herein shall prevent the Office of the Interconnection from releasing a Member's confidential data or information to a third party provided that the Member has delivered to the Office of the Interconnection and/or the Market Monitoring Unit specific, written authorization for such release setting forth the data or information to be released, to whom such release is authorized, and the period of time for which such release shall be authorized. The Office of the Interconnection shall limit the release of a Member's confidential data or information to that specific authorization received from the Member. Nothing herein shall prohibit a Member from withdrawing such authorization upon written notice to the Office of the Interconnection, who shall cease such release as soon as practicable after receipt of such withdrawal notice.

(d) Reciprocal provisions to this section 18.17.1, Operating Agreement, section 18.17.2, Operating Agreement, section 18.17.3, Operating Agreement, section 18.17.4 and Operating Agreement, section 18.17.5, delineating the confidentiality requirements of PJM's Market Monitoring Unit, are set forth in Tariff, Attachment M – Appendix, section I.

(e) Notwithstanding anything to the contrary in this Agreement or in the PJM Tariff, the Office of the Interconnection shall post the following on its website:

(i) the non-aggregated bid data and Offer Data submitted by Market Participants (for participation on the PJM Interchange Energy Market) approximately four months after the bid or offer was submitted to the Office of the Interconnection to allow the tracking of Market Participants' non-aggregated bids and offers over time as required by FERC Order No. 719. However, to protect the confidential, market sensitive and/or proprietary bidding strategies of Market Participants as well as the identity of Market Participants from being discernible from the published data, the posted information will not reveal the (a) name of the resource, (b) characteristics of a specific resource, (c) identity of the load, (d) name of the individual or entity submitting the data, (e) identity of the resource owner, or (f) location of the resource at a level lower than its Zone. The Office of the Interconnection also reserves the right to take any other precautionary measures that it deems appropriate to preserve the confidential, market sensitive and/or proprietary bidding strategies of Market Participants to the extent not specifically set forth herein.

(ii) Within 20 calendar days after the end of each month, (a) the total daily uplift credits by Zone as set forth in Tariff, Attachment J, and RAA, Schedule 15, and applicable uplift charge codes (including lost opportunity cost contained within operating reserves) and (b) the total daily uplift charges by applicable PJM Region or Zone, as set forth in Tariff, Attachment J and RAA, Schedule 15, and applicable uplift charge codes along with relevant subcategories by which they are allocated. The Office of the Interconnection shall incorporate the best available information at the time the posting is created.

(iii) Within 90 calendar days after the end of each month, the name of each generation resource unit and amount of uplift credit payments by applicable uplift charge codes (including lost opportunity cost contained within operating reserves, but excluding Black Start Service) for each resource unit that received uplift credits in that month. For Demand Resources or Economic Load Response Participants, the Office of Interconnection shall post, within 90 calendar days after the end of each month, the individual resource identification number associated with the Demand Resource or Economic Load Response Participant's relevant dispatch group or registration, the name of the associated Curtailment Service Provider, the Zone and energy pricing point used to settle the Demand Resource or Economic Load Response Participant's dispatch group or registration, and the corresponding amount of uplift credits by applicable uplift charge codes for the dispatch group or registration that received uplift credits in that month. The Office of Interconnection shall incorporate the best available information at the time the posting is created.

(iv) Within 30 calendar days after the end of each month, each Operator-initiated Commitment listing the size of the commitment in megawatts (where megawatts are equal to the economic maximum), Zone (as set forth in Tariff, Attachment J and RAA, Schedule 15), commitment reason, and commitment start time. Commitment reasons shall include, but are not limited to, system wide capacity, constraint management, and voltage support.

(f) To the extent permitted pursuant to 18 C.F.R. §38.2 (or successor provisions), nothing contained herein shall prohibit the Office of the Interconnection from sharing non-public, operational information with an interstate natural gas pipeline operator for the purpose of promoting reliable service or operational planning. Further, the Office of the Interconnection shall be permitted to share non-public, operational information with natural gas local distribution companies and/or intrastate natural gas pipeline operators, as appropriate, for the purpose of promoting reliable service or operational planning, provided that such party has acknowledged, in writing, that it shall not disclose, or use anyone as a conduit for disclosure of, non-public, operational information received from the Office of Interconnection to a third party or in an unduly discriminatory or preferential manner or to the detriment of any natural gas and/or electric market. Such non-public, operational information received from natural gas local distribution companies and/or intrastate natural gas pipeline operators pursuant to this section will be subject to the confidentiality provisions set forth in this section 18.17.

18.17.2 Required Disclosure.

(a) Notwithstanding anything in the foregoing section to the contrary, and subject to the provisions of section 18.17.3 below, if the Office of the Interconnection is required by applicable law, order, or in the course of administrative or judicial proceedings, to disclose to third parties, information that is otherwise required to be maintained in confidence pursuant to this Agreement, the Office of the Interconnection or its designated agents, representatives, or contractors may make disclosure of such information; provided, however, that as soon as the Office of the Interconnection learns of the disclosure requirement and prior to it or its designated agents, representatives, or contractors making disclosure, the Office of the Interconnection shall notify the affected Member or Members of the requirement and the terms thereof and the affected Member or Members may direct, at their sole discretion and cost, any challenge to or

defense against the disclosure requirement. The Office of the Interconnection shall cooperate with such affected Members to the maximum extent practicable to minimize the disclosure of the information consistent with applicable law. The Office of the Interconnection shall cooperate with the affected Members to obtain proprietary or confidential treatment of such information by the person to whom such information is disclosed prior to any such disclosure.

(b) Nothing in this section 18.17 shall prohibit or otherwise limit the Office of the Interconnection's use of information covered herein if such information was: (i) previously known to the Office of the Interconnection without an obligation of confidentiality; (ii) independently developed by or for the Office of the Interconnection using non-confidential information; (iii) acquired by the Office of the Interconnection from a third party which is not, to the Office of the Interconnection's knowledge, under an obligation of confidence with respect to such information; (iv) which is or becomes publicly available other than through a manner inconsistent with this section 18.17.

(c) The Office of the Interconnection shall impose on any contractors retained to provide technical support or otherwise to assist with the implementation or administration of this Agreement or of the Open Access Transmission Tariff a contractual duty of confidentiality consistent with this Agreement. A Member shall not be obligated to provide confidential or proprietary information to any contractor that does not assume such a duty of confidentiality, and the Office of the Interconnection shall not provide any such information to any such contractor without the express written permission of the Member providing the information.

18.17.3 Disclosure to FERC and CFTC.

(a) Notwithstanding anything in this section to the contrary, if the FERC, the Commodity Futures Trading Commission ("CFTC"), or the staff of those commissions, during the course of an investigation or otherwise, requests information from the Office of the Interconnection that is otherwise required to be maintained in confidence pursuant to this Agreement, the Office of the Interconnection shall provide the requested information to the FERC, CFTC or their respective staff, within the time provided for in the request for information. In providing the information to the FERC or its staff, the Office of the Interconnection may request, consistent with 18 C.F.R. §§ 1b.20 and 388.112, or to the CFTC or its staff, the Office of the Interconnection may request, consistent with 17 C.F.R. §§ 11.3 and 145.9, that the information be treated as confidential and non-public by the respective commission and its staff and that the information be withheld from public disclosure. The Office of the Interconnection shall promptly notify any affected Member(s) if the Office of the Interconnection receives from the FERC, CFTC or their staff written notice that the commission has decided to release publicly, or has asked for comment on whether such commission should release publicly, confidential information previously provided to a commission by the Office of the Interconnection.

(b) Section 18.17.3(a) above shall not apply to requests for production of information under Subpart D of the FERC's Rules of Practice and Procedure (18 CFR Part 385) in proceedings before FERC and its administrative law judges. In all such proceedings, the Office of the Interconnection shall follow the procedures in section 18.17.2 above.

(c) Pursuant to the FERC Order No. 760, as codified under 18 C.F.R. § 35.28(g)(4), to the extent that the Office of the Interconnection already collects such data described in Order No. 760, the Office of the Interconnection shall electronically deliver to the FERC, on an ongoing basis and in a form and manner consistent with its own collection of data and in a form and manner acceptable to the FERC, data related to the markets that the Office of the Interconnection administers. Section 18.17.3(a) above shall not apply to data supplied to the FERC under this subsection (c) to satisfy the FERC Order No. 760 requirements.

(d) Pursuant to the FERC Order No. 771 and any clarifying orders, as codified under 18 C.F.R. § 366.2(d), the Office of the Interconnection shall ensure that FERC is included as an addressee on all e-Tags for transactions that sink within the PJM Region.

18.17.4 Disclosure to Authorized Commissions.

(a) Notwithstanding anything in this section to the contrary, the Office of the Interconnection shall disclose confidential information, otherwise required to be maintained in confidence pursuant to this Agreement, to an Authorized Commission under the following conditions:

- (i) The Authorized Commission has provided the FERC with a properly-executed Certification in the form attached hereto as Operating Agreement, Schedule 10A. Upon receipt of the Authorized Commission's Certification, the FERC shall provide public notice of the Authorized Commission's filing pursuant to 18 C.F.R. § 385.2009. If any interested party disputes the accuracy and adequacy of the representations contained in the Authorized Commission's Certification, that party may file a protest with the Commission within 14 days of the date of such notice, pursuant to 18 C.F.R. § 385.211. The Authorized Commission may file a response to any such protest within seven days. Each party shall bear its own costs in connection with such a FERC protest proceeding. If there are material changes in law that affect the accuracy and adequacy of the representations in the Certification filed with the Commission, the Authorized Commission shall, within thirty (30) days, submit an amended Certification identifying such changes. Any such amended Certification shall be subject to the same procedures for comment and review by the Commission as set forth above in this paragraph.

The Office of the Interconnection may not disclose data to an Authorized Commission during the Commission's consideration of the Certification and any filed protests. If the Commission does not act upon an Authorized Commission's Certification within 90 days of the date of filing, the Certification shall be deemed approved and the Authorized Commission shall be permitted to receive confidential information pursuant to this section. In the event that an interested party protests the Authorized Commission's Certification and the Commission approves the Certification, that party may not challenge any Information Request made by the Authorized Commission on the grounds that the Authorized

Commission is unable to protect the confidentiality of the information requested, in the absence of a showing of changed circumstances.

- (ii) Any confidential information provided to an Authorized Commission pursuant to this section shall not be further disclosed by the recipient Authorized Commission except by order of the Commission.
- (iii) The Office of the Interconnection shall be expressly entitled to rely upon such Authorized Commission Certifications in providing confidential information to the Authorized Commission, and shall in no event be liable, or subject to damages or claims of any kind or nature hereunder, due to the ineffectiveness or inaccuracy of such Authorized Commission Certifications.
- (iv) The Authorized Commission may provide confidential information obtained from the Office of the Interconnection to such of its employees, attorneys and contractors as needed to examine or handle that information in the course and scope of their work on behalf of the Authorized Commission, provided that (a) the Authorized Commission has internal procedures in place, pursuant to the Certification, to ensure that each person receiving such information agrees to protect the confidentiality of such information (such employees, attorneys or contractors to be defined hereinafter as “Authorized Persons”); (b) the Authorized Commission provides, pursuant to the Certification, a list of such Authorized Persons to the Office of the Interconnection and the Market Monitoring Unit and updates such list, as necessary, every ninety (90) days; and (c) any third-party contractors provided access to confidential information sign a non-disclosure agreement in the form attached hereto as Operating Agreement, Schedule 10 before being provided access to any such confidential information.
- (v) The Office of the Interconnection shall maintain a schedule of all Authorized Persons and the Authorized Commissions they represent, which shall be made publicly available on its website, or by written request. Such schedule shall be compiled by the Office of the Interconnection, based on information provided by any Authorized Commission. The Office of the Interconnection shall update the schedule promptly upon receipt of information from an Authorized Commission, but shall have no obligation to verify or corroborate any such information, and shall not be liable or otherwise responsible for any inaccuracies in the schedule due to incomplete or erroneous information conveyed to and relied upon by the Office of the Interconnection in the compilation and/or maintenance of the schedule.

(b) The Office of the Interconnection may, in the course of discussions with an Authorized Person, orally disclose information otherwise required to be maintained in confidence, without

the need for a prior Information Request. Such oral disclosures shall provide enough information to enable the Authorized Person or the Authorized Commission with which that Authorized Person is associated to determine whether additional Information Requests are appropriate. The Office of the Interconnection will not make any written or electronic disclosures of confidential information to the Authorized Person pursuant to this section 18.17.4(b). In any such discussions, the Office of the Interconnection shall ensure that the individual or individuals receiving such confidential information are Authorized Persons as defined herein, orally designate confidential information that is disclosed, and refrain from identifying any specific Affected Member whose information is disclosed. The Office of the Interconnection shall also be authorized to assist Authorized Persons in interpreting confidential information that is disclosed. The Office of the Interconnection shall provide any Affected Member with oral notice of any oral disclosure immediately, but not later than one (1) Business Day after the oral disclosure. Such oral notice to the Affected Member shall include the substance of the oral disclosure, but shall not reveal any confidential information of any other Member and must be received by the Affected Member before the name of the Affected Member is released to the Authorized Person; provided however, disclosure of the identity of the Affected Party must be made to the Authorized Commission with which the Authorized Person is associated within two (2) Business Days of the initial oral disclosure.

(c) As regards Information Requests:

- (i) Information Requests to the Office of the Interconnection and/or Market Monitoring Unit by an Authorized Commission shall be in writing, which shall include electronic communications, addressed to the Office of the Interconnection, and shall: (a) describe the information sought in sufficient detail to allow a response to the Information Request; (b) provide a general description of the purpose of the Information Request; (c) state the time period for which confidential information is requested; and (d) re-affirm that only Authorized Persons shall have access to the confidential information requested. The Office of the Interconnection shall provide an Affected Member with written notice, which shall include electronic communication, of an Information Request by an Authorized Commission as soon as possible, but not later than two (2) Business Days after the receipt of the Information Request.
- (ii) Subject to the provisions of section (c)(iii) below, the Office of the Interconnection shall supply confidential information to the Authorized Commission in response to any Information Request within five (5) Business Days of the receipt of the Information Request, to the extent that the requested confidential information can be made available within such period; provided however, that in no event shall confidential information be released prior to the end of the fourth (4th) Business Day without the express consent of the Affected Member. To the extent that the Office of the Interconnection cannot reasonably prepare and deliver the requested confidential information within such five (5) day period, it shall, within such period, provide the Authorized Commission with a written schedule

for the provision of such remaining confidential information. Upon providing confidential information to the Authorized Commission, the Office of the Interconnection shall either provide a copy of the confidential information to the Affected Member(s), or provide a listing of the confidential information disclosed; provided, however, that the Office of the Interconnection shall not reveal any Member's confidential information to any other Member.

- (iii) Notwithstanding section (c)(ii) above, should the Office of the Interconnection or an Affected Member object to an Information Request or any portion thereof, any of them may, within four (4) Business Days following the Office of the Interconnection's receipt of the Information Request, request, in writing, a conference with the Authorized Commission to resolve differences concerning the scope or timing of the Information Request; provided, however, nothing herein shall require the Authorized Commission to participate in any conference. Any party to the conference may seek assistance from FERC staff in resolution of the dispute or terminate the conference process at any time. Should such conference be refused or terminated by any participant or should such conference not resolve the dispute, then the Office of the Interconnection or the Affected Member may file a complaint with the Commission pursuant to Rule 206 objecting to the Information Request within ten (10) Business Days following receipt of written notice from any conference participant terminating such conference. Any complaints filed at FERC objecting to a particular Information Request shall be designated by the party as a "fast track" complaint and each party shall bear its own costs in connection with such FERC proceeding. The grounds for such a complaint shall be limited to the following: (a) the Authorized Commission is no longer able to preserve the confidentiality of the requested information due to changed circumstances relating to the Authorized Commission's ability to protect confidential information arising since the filing of or rejection of a protest directed to the Authorized Commission's Certification; (b) complying with the Information Request would be unduly burdensome to the complainant, and the complainant has made a good faith effort to negotiate limitations in the scope of the requested information; or (c) other exceptional circumstances exist such that complying with the Information Request would result in harm to the complainant. There shall be a presumption that "exceptional circumstances," as used in the prior sentence, does not include circumstances in which an Authorized Commission has requested wholesale market data (or Market Monitoring Unit workpapers that support or explain conclusions or analyses) generated in the ordinary course and scope of the operations of the Office of the Interconnection and/or the Market Monitoring Unit. There shall be a presumption that circumstances in which an Authorized Commission has requested personnel files, internal emails and internal company memos, analyses and related work product constitute "exceptional circumstances"

as used in the prior sentence. If no complaint challenging the Information Request is filed within the ten (10) day period defined above, the Office of the Interconnection shall utilize its best efforts to respond to the Information Request promptly. If a complaint is filed, and the Commission does not act on that complaint within ninety (90) days, the complaint shall be deemed denied and the Office of Interconnection shall use its best efforts to respond to the Information Request promptly.

- (iv) Any Authorized Commission may initiate appropriate legal action at FERC within ten (10) Business Days following receipt of information designated as “Confidential,” challenging such designation. Any complaints filed at FERC objecting to the designation of information as “Confidential” shall be designated by the party as a “fast track” complaint and each party shall bear its own costs in connection with such FERC proceeding. The party filing such a complaint shall be required to prove that the material disclosed does not merit “Confidential” status because it is publicly available from other sources or contains no trade secret or other sensitive commercial information (with “publicly available” not being deemed to include unauthorized disclosures of otherwise confidential data).

(d) In the event of any breach of confidentiality of information disclosed pursuant to an Information Request by an Authorized Commission or Authorized Person:

- (i) The Authorized Commission or Authorized Person shall promptly notify the Office of the Interconnection, who shall, in turn, promptly notify any Affected Member of any inadvertent or intentional release, or possible release, of confidential information provided pursuant to this section.
- (ii) The Office of the Interconnection shall terminate the right of such Authorized Commission to receive confidential information under this section upon written notice to such Authorized Commission unless: (i) there was no harm or damage suffered by the Affected Member; or (ii) similar good cause is shown. Any appeal of the Office of the Interconnection’s and/or the Market Monitoring Unit’s actions under this section shall be to FERC. An Authorized Commission shall be entitled to reestablish its certification as set forth in section 18.17.4(a) above by submitting a filing with the Commission showing that it has taken appropriate corrective action. If the Commission does not act upon an Authorized Commission’s re-certification filing with sixty (60) days of the date of the filing, the re-certification shall be deemed approved and the Authorized Commission shall be permitted to receive confidential information pursuant to this section.
- (iii) The Office of the Interconnection and/or the Affected Member shall have the right to seek and obtain at least the following types of relief: (a) an

order from FERC requiring any breach to cease and preventing any future breaches; (b) temporary, preliminary, and/or permanent injunctive relief with respect to any breach; and (c) the immediate return of all confidential information to the Office of the Interconnection.

- (iv) No Authorized Person or Authorized Commission shall have responsibility or liability whatsoever under this section for any and all liabilities, losses, damages, demands, fines, monetary judgments, penalties, costs and expenses caused by, resulting from, or arising out of or in connection with the release of confidential information to persons not authorized to receive it, provided that such Authorized Person is an agent, servant, employee or member of an Authorized Commission at the time of such unauthorized release. Nothing in this section (d)(iv) is intended to limit the liability of any person who is not an agent, servant, employee or member of an Authorized Commission at the time of such unauthorized release for any and all economic losses, damages, demands, fines, monetary judgments, penalties, costs and expenses caused by, resulting from, or arising out of or in connection with such unauthorized release.
- (v) Any dispute or conflict requesting the relief in section (d)(ii) or (d)(iii)(a) above, shall be submitted to FERC for hearing and resolution. Any dispute or conflict requesting the relief in section (d)(iii)(c) above may be submitted to FERC or any court of competent jurisdiction for hearing and resolution.

18.17.5 [Reserved]

18.17.6 Disclosure of EMS and Transmission System Data to Transmission Owners on PJM EMS Terminal and Via Other Reliability or Situational Awareness Tools

(a) While the Office of the Interconnection has overall responsibility for power system reliability in the PJM Region, Transmission Owners within the PJM Region perform specified reliability functions with respect to their individual Transmission Facilities and distribution systems. In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, install a read-only terminal, or allow the Transmission Owner through a secure communication channel, in any Transmission Owner's secure control room facility to access the Office of the Interconnection's Energy Management System (EMS), or its other reliability or situational awareness tools, and the associated transmission and generation data under the terms and conditions set forth in this section 18.17.6.

(b) The data and information produced by the EMS or other situational awareness tool, are confidential and/or commercially sensitive because they will display the real-time status of electric transmission lines and generation facilities, the disclosure of which could impact the market and the commercial interests of its participants. In addition, the responsive information will contain detailed information about real-time grid conditions, transmission lines, power

flows, and outages, which may fall within the definition of Critical Energy Infrastructure Information (CEII) as set forth in 18 CFR § 388.113. The Office of the Interconnection shall not release any generator cost, price or other market information without written authorization pursuant to section 18.17.1 (c) above unless otherwise provided for under this Agreement. The only generator information that will be made available on the read-only PJM EMS terminal is real-time MW/MVAR output and Minimum/Maximum MW Range. The transmission system information that may be made available via a reliability or situational awareness tool is limited to geospatial locations and other real-time operational data.

(c) The confidential or CEII information provided to the Transmission Owner on a read-only PJM EMS terminal or via another reliability or situational awareness tool shall only be held in the secure control room facility of the Transmission Owner. Such data shall be used for informational and operational purposes within the control room by transmission function employees as defined in the FERC's rules and regulations, 18 C.F.R. § 358. No "screen-scraping" or other data transfer of information from the read-only terminal or other situational awareness tool to other Transmission Owner systems or databases shall be permitted. No storage of information from the read-only terminal or other reliability or situational awareness tool shall be permitted. The data shall be held confidential within the transmission function environment and not be disclosed to other personnel within the Transmission Owners' company, subsidiaries, marketing organizations, energy affiliates or independent third parties. The Transmission Owner may use the confidential or CEII information only for the purpose of performing Transmission Owner's reliability function and shall not otherwise use the confidential information for its own benefit or for the benefit of any other person.

(d) In the event of any breach:

- (i) The Transmission Owner(s) that caused the breach, or whose confidential information or CEII was used or disseminated beyond the limitations specified herein shall promptly notify the Office of the Interconnection, which shall, in turn, promptly notify FERC and any affected Member(s) of any inadvertent or intentional release, or possible release, of confidential or CEII information disclosed as provided above.
- (ii) The Office of the Interconnection shall terminate all rights of the Transmission Owner to receive confidential or CEII information as provided in this section 18.17.6; provided, however, that the Office of the Interconnection may restore a Transmission Owners' status after consulting with the affected Member(s) whose confidential or CEII information was used or disseminated beyond the limitations specified herein and to the extent that: (a) the Office of the Interconnection determines that the disclosure was not due to the intentional, reckless or negligent action or omission of the authorized transmission function employee; (b) there were no harm or damages suffered by the affected Member(s); or (c) similar good cause shown. Any appeal of the Office of the Interconnection's actions under this section shall be to FERC.

- (iii) The Office of the Interconnection and/or the affected Member(s) shall have the right to seek and obtain at least the following types of relief: (a) an order from FERC requiring any breach to cease and preventing any future breaches; (b) temporary, preliminary, and/or permanent injunctive relief and/or damages with respect to any breach; and (c) the immediate return of all confidential or CEII information to the Office of the Interconnection.
- (iv) Any dispute or conflict requesting the relief in section (d)(ii) or (d)(iii)(a) above, shall be submitted to FERC for hearing and resolution. Any dispute or conflict requesting the relief in section (d)(iii)(b) and (c) above may be submitted to FERC or any court of competent jurisdiction for hearing and resolution.

18.17.7 Disclosure of Generator Data to Transmission Owners

(a) In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, provide to each Transmission Owner upon the Transmission Owner's request the following confidential generator information for any generator that: (1) is or will be modeled within the Transmission Owner's energy management system; or (2) is or will be identified in a Transmission Owner's restoration plan:

- (i) real-time unit status;
- (ii) real-time megawatt output;
- (iii) real-time megavolt amperes reactive ("MVAR");
- (iv) the start date, start time, stop date, and stop time for the unit's scheduled outages;
- (v) the unit's reactive capability curve; and
- (vi) data provided for Transmission Owner use for system restoration planning purposes only, including but not limited to the unit's start-up times, ramp rate, start-up auxiliary load profile and emergency low-load operation capabilities.

(b) In order to facilitate reliable operations between the Office of the Interconnection and the Transmission Owners, the Office of the Interconnection may, without written authorization from any Member, provide to each Transmission Owner the following generator information:

- (i) forecasted unit status;
- (ii) forecasted megawatt output;

- (iii) the start date, start time, stop date, and stop time for the information in this section 18.17.7 (b)(i) and 18.17.7 (b)(ii);
- (iv) the Zone in which the generator resides; and
- (v) generator operating parameters including, but not limited, to each unit's start-up times, ramp rate, Minimum Down Time, and Minimum Run Time.

(c) The Office of the Interconnection will provide the data in section 18.17.7(a) and (b) only where it possesses such data. The Office of the Interconnection shall provide this confidential information only to transmission function employees, as transmission function employee is defined in section 18 C.F.R. § 358 of the FERC rules and regulations.

(d) A Transmission Owner may only use the generator data provided under section 18.17.7(a) and (b) above for the purpose of executing the Transmission Owner's reliability function and transmission function, as transmission function is defined in section 18 C.F.R. § 358 of the FERC rules and regulations, and shall not otherwise use the confidential information for its own benefit or the benefit of any other person. A Transmission Owner may disclose the generator data obtained under section 18.17.7(a) and (b) above only to the Transmission Owner's transmission function employees whose access to such data is necessary to perform the Transmission Owner's transmission functions. Transmission Owners shall not disclose the generator data obtained under section 18.17.7(a) and (b) above to any person, including marketing function employees as defined in section 18 C.F.R. § 358 of the FERC rules and regulations, except as permitted under this section 18.17.7.

(e) Each Transmission Owner shall protect and keep confidential all the information it receives from the Office of the Interconnection pursuant to this section 18.17.7. It may, copy, post, distribute, disclose or disseminate the data obtained pursuant to section 18.17.7(a) and (b) above only in the following manner. Each Transmission Owner may make a limited number of copies of written or electronic materials to enable the Transmission Owner to adequately use the information obtained pursuant to section 18.17.7(a) and (b) above within the terms and conditions of this section of this Agreement. If the Transmission Owner prints or electronically conveys any information in obtained pursuant to section 18.17.7(a) and (b) above, it shall protect each copy in accordance with this section 18.17.7 and mark each copy as "Confidential Information."

(f) The Transmission Owner shall destroy all information obtained under section 18.17.7(a) and (b) above upon the completion of the use of such information for the purpose of performing Transmission Owner's transmission functions, as transmission functions is defined in section 18 C.F.R. § 358 of the FERC rules and regulations.

(g) A Transmission Owner shall be responsible for the breach of this section 18.17.7 by any of its employees or representatives. In the event of any breach by the Transmission Owner of

this section 18.17.7 by any of its employees or representatives, section 18.17.6(d) shall apply to the release of the confidential information.