

GDECS - Proposed Clean-Up, Clarification and Corrections to Governing Documents

January 25, 2024

	Governing Document, Agreement, Attachment, Section, Title	Source	Current Language	Proposed Revisions	Rationale/Notes
1.	OATT 300 Definitions N; OATT 400 Definitions N	Vicki Karandrikas	Network Upgrade Cost Responsibility Agreement: "Network Upgrade Cost Responsibility Agreement" shall mean the agreement entered into by the Project Developer Parties and the Transmission Provider pursuant to this GIP, and in the form set forth in Tariff, Part IX, Subpart H, relating to construction of Common Use Upgrades and coordination of the construction and interconnection of associated Generating Facilities. In regard to Common Use Upgrades, a separate Network Upgrade Cost Responsibility Agreement will be executed for each set of Common Use Upgrades on the system of a specific Transmission Owner that is associated with the interconnection of a Generating Facility.	Network Upgrade Cost Responsibility Agreement: "Network Upgrade Cost Responsibility Agreement" shall mean the agreement entered into by the Project Developer Parties and the Transmission Provider pursuant to this GIP, and in the form set forth in Tariff, Part IX, Subpart H, relating to construction of Common Use Upgrades and coordination of the construction and interconnection of associated Generating Facilities. In regard to Common Use Upgrades, a separate Network Upgrade Cost Responsibility Agreement will be executed for each set of Common Use Upgrades on the system of a specific Transmission Owner that is associated with the interconnection of a Generating Facility.	Correction made for clarity and consistency with defined term. While "Project Developer" is a defined term under the Tariff, Parts VII and VIII, "Project Developer Parties" is not.
2.	OATT Part VII.A 302 Site Control; OATT Part VIII.A 402 Applications for Cycle Process, Site Control	Vicki Karandrikas	b. Exclusivity With the exception of Tariff, Part VII, Subpart A, section 302(A)(5)(b), exclusivity is evidenced by written acknowledgement from the land owner provided to the Transmission Provider by the Project Developer as part of the Site Control that, for the Term, the Project Developer has exclusive use of the Site for the purpose of constructing a Generating Facility, Merchant Transmission Facilities, Interconnection Facilities, and, if applicable, the Transmission Owner's Interconnection Facilities and/or Network Upgrades, and the landowner cannot make the Site Control identified for the Site available for purchase or lease, to any person or entity other than the Project Developer for any purpose or use that will interfere with the rights granted to Project Developer.	b. Exclusivity With the exception of Tariff, Part VII, Subpart A, section 302(A)(5)(b), exclusivity is evidenced by written acknowledgement from the land owner <u>landowner</u> provided to the Transmission Provider by the Project Developer as part of the Site Control that, for the Term, the Project Developer has exclusive use of the Site for the purpose of constructing a Generating Facility, Merchant Transmission Facilities, Interconnection Facilities, and, if applicable, the Transmission Owner's Interconnection Facilities and/or Network Upgrades, and the landowner cannot make the Site Control identified for the Site available for purchase or lease, to any person or entity other than the Project Developer for any purpose or use that will interfere with the rights granted to Project Developer.	Change from "land owner" to "landowner" (removal of space) made for internal consistency.

3.	OATT Part VII.H 337 Upgrade Requests	Vicki Karandrikas	<p>(G)(2)d.Execution and Filing</p> <p>Not later than five Business Days following the end of negotiations within the Final Agreement Negotiation Phase, Transmission Provider shall provide the final Upgrade Construction Service Agreement, to the parties in electronic form.</p> <p>i. Not later than 15 Business Days after receipt of the final interconnection related agreement, Upgrade Customer shall elect one of the following:</p> <p>(a) to execute the final Upgrade Construction Service Agreement in electronic form and return it to Transmission Provider electronically;</p> <p>(b) to request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or</p> <p>(c) to request in writing that Transmission Provider file with FERC the final Construction Service Agreement or a Network Upgrade Cost Responsibility Agreement unexecuted, with terms and conditions deemed appropriate by Transmission Provider, and provide any required adjustments to Security.</p>	<p>(G)(2)d.Execution and Filing</p> <p>Not later than five Business Days following the end of negotiations within the Final Agreement Negotiation Phase, Transmission Provider shall provide the final Upgrade Construction Service Agreement, to the parties in electronic form.</p> <p>i. Not later than 15 Business Days after receipt of the final-interconnection-related agreement <u>Upgrade Construction Service Agreement</u>, Upgrade Customer shall elect one of the following:</p> <p>(a) to execute the final Upgrade Construction Service Agreement in electronic form and return it to Transmission Provider electronically;</p> <p>(b) to request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or</p> <p>(c) to request in writing that Transmission Provider file with FERC the final <u>Upgrade Construction Service Agreement</u> Construction Service Agreement or a Network Upgrade Cost Responsibility Agreement unexecuted, with terms and conditions deemed appropriate by Transmission Provider, and provide any required adjustments to Security.</p>	<p>Changes made for clarity and reflect the proper agreement type.</p> <p>Upgrade Customers receive an Upgrade Construction Service Agreement, not a Construction Service Agreement or a Network Upgrade Cost Responsibility Agreement.</p>
4.	OATT Part VIII.H 435 Upgrade Requests	Vicki Karandrikas	<p>(G)(2)d. Execution and Filing</p> <p>Not later than five Business Days following the end of negotiations within the Final Agreement Negotiation Phase, Transmission Provider shall provide the final Upgrade Construction Service Agreement, to the parties in electronic form.</p>	<p>(G)(2)d. Execution and Filing</p> <p>Not later than five Business Days following the end of negotiations within the Final Agreement Negotiation Phase, Transmission Provider shall provide the final Upgrade Construction Service Agreement, to the parties in electronic form.</p> <p>i. Not later than 15 Business Days after receipt of the final-interconnection-related agreement <u>Upgrade Construction Service Agreement</u>, Upgrade Customer shall either:</p>	<p>Changes made for clarity and to reflect the proper agreement type.</p>

			<p>i. Not later than 15 Business Days after receipt of the final interconnection related agreement, Upgrade Customer shall either:</p> <p>(a) execute the final Upgrade Construction Service Agreement in electronic form and return it to Transmission Provider electronically;</p> <p>(b) request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or</p> <p>(c) request in writing that Transmission Provider file with FERC the final interconnection related service agreement unexecuted, with the final interconnection related service agreement containing terms and conditions deemed appropriate by Transmission Provider, and provide any required adjustments to Security.</p>	<p>(a) execute the final Upgrade Construction Service Agreement in electronic form and return it to Transmission Provider electronically;</p> <p>(b) request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or</p> <p>(c) request in writing that Transmission Provider file with FERC the final interconnection related service agreement Upgrade Construction Service Agreement unexecuted, with the final interconnection related service agreement Upgrade Construction Service Agreement containing terms and conditions deemed appropriate by Transmission Provider, and provide any required adjustments to Security.</p>	<p>Upgrade Customers receive an Upgrade Construction Service Agreement, not a Construction Service Agreement or a Network Upgrade Cost Responsibility Agreement.</p>
5.	OATT Part VIII.C 408 Decision Point II	Vicki Karandrikas	<p>(B)(3)b. For Study Deposits:</p> <p>i. At the conclusion of Transmission Provider's deficiency review for Decision Point II, refund to the Project Developer or Eligible Customer up to 90 percent of its Study Deposit submitted with its New Service Request during the Application Phase, less any actual costs.</p> <p>ii. Adverse Study Impact Calculation. Notwithstanding the refund provisions in Tariff, Part VIII, Subpart C, section 408(B)(3)(a) and (b)(i), Transmission Provider shall refund to Project Developer or Eligible Customer the cumulative Readiness Deposit amounts paid by Project Developer or Eligible Customer at the Application Phase and at the Decision Point I Phase if</p>	<p>(B)(3)b. For Study Deposits:</p> <p>i. At the conclusion of Transmission Provider's deficiency review for Decision Point II, refund to the Project Developer or Eligible Customer up to 90 percent of its Study Deposit submitted with its New Service Request during the Application Phase, less any actual costs.</p> <p>ii. Adverse Study Impact Calculation. Notwithstanding the refund provisions in Tariff, Part VIII, Subpart C, section 408(B)(3)(a) and (b)(i), Transmission Provider shall refund to Project Developer or Eligible Customer the cumulative Readiness Deposit amounts paid by Project Developer or Eligible Customer at the Application Phase and at the Decision Point I Phase, if the Project Developer's Network Upgrade cost from Phase I to Phase II:</p>	<p>Formatting change made for consistency with other sections.</p>

			<p>the Project Developer's Network Upgrade cost from Phase I to Phase II:</p> <p>(a) increases overall by 25 percent or more; and</p> <p>(b) increases by more than \$10,000 per MW.</p> <p>Network Upgrade costs shall include costs identified in Affected System studies in their respective phases.</p>	<p>(a)i. increases overall by 25 percent or more; and</p> <p>(b)ii. increases by more than \$10,000 per MW.</p> <p>Network Upgrade costs shall include costs identified in Affected System studies in their respective phases.</p>	
6.	OATT Part VIII.A 401 Applications for Cycle Process Intro	Vicki Karandrikas	<p>(D)(2)c. Readiness Deposit refunds will be handled as follows:</p> <p>i. If the project is withdrawn or terminated, the Readiness Deposit refunds for the project will be determined by the study phase at which the project was withdrawn or terminated, and adverse study results tests, as set forth below in Tariff, Part VIII, Subpart C, section 408(B)(3)(b).</p>	<p>D)(2)c. Readiness Deposit refunds will be handled as follows:</p> <p>i. If the project is withdrawn or terminated, the Readiness Deposit refunds for the project will be determined by the study phase at which the project was withdrawn or terminated, and adverse study results tests, as set forth below in Tariff, Part VIII, Subpart C, section 408(B)(3)(bc).</p>	Change made to correct cross-reference.
7.	OATT Part VII.C 305 Introduction, Overview and Eligibility	Vicki Karandrikas	<p>(A)2.To move forward in Transition Cycle #2, each Project Developer or Eligible Customer with valid projects in AG2 through AH1 must submit the Application and System Study Agreement in the form set forth in Tariff, Attachment IX and submit the required Study Deposit amounts and a Readiness Payment, as set forth below in Tariff, Part VII, Subpart C, section 306, Application Rules. The following restrictions apply to the Application and System Study Agreement to be submitted by the Project Developer or Eligible Customer:</p>	<p>(A)2.To move forward in Transition Cycle #2, each Project Developer or Eligible Customer with valid projects in AG2 through AH1 must submit the Application and System Studies Agreement in the form set forth in Tariff, Attachment IX and submit the required Study Deposit amounts and a Readiness Payment, as set forth below in Tariff, Part VII, Subpart C, section 306, Application Rules. The following restrictions apply to the Application and System Studies Agreement to be submitted by the Project Developer or Eligible Customer:</p>	Changes made to correct agreement's name.
8.	OATT Part VII.F 335 WMPA/Non-Jurisdictional Agreements	Vicki Karandrikas	<p>B. Generation Project Developer shall follow the Application Rules of Tariff, Part VII, Subpart C, section 306 that apply to a Generating Facility, and shall complete the Form of Application and System Impact Studies Agreement set forth in Tariff, Part IX, Subpart A (the "Application"). In the Application, Generation Project Developer shall indicate its intent to physically connect its Generating Facility to distribution or sub-transmission facilities that currently are not subject to FERC</p>	<p>B. Generation Project Developer shall follow the Application Rules of Tariff, Part VII, Subpart C, section 306 that apply to a Generating Facility, and shall complete the Form of Application and System Impact Studies Agreement set forth in Tariff, Part IX, Subpart A (the "Application"). In the Application, Generation Project Developer shall indicate its intent to physically connect its Generating Facility to distribution or sub-transmission facilities that currently are not subject to FERC jurisdiction, for the purpose of</p>	Changes made to correct agreement's name and to replace acronym with the defined term.

			jurisdiction, for the purpose of injecting energy at the POI and engaging in FERC-jurisdictional Wholesale Transactions.	injecting energy at the POI-Point of Interconnection and engaging in FERC-jurisdictional Wholesale Transactions.	
9.	OATT Part VIII.F 433 WMPA/Non-Jurisdictional Agreements	Vicki Karandrikas	B. Generation Project Developer shall follow the Application Rules of Tariff, Part VIII, Subpart C, section 403 that apply to a Generating Facility, and shall complete the Form of Application and System Impact Studies Agreement set forth in Tariff, Part IX, Subpart A (the "Application"). In the Application, Generation Project Developer shall indicate its intent to physically connect its Generating Facility to distribution or sub-transmission facilities that currently are not subject to FERC jurisdiction, for the purpose of injecting energy at the POI and engaging in FERC-jurisdictional Wholesale Transactions.	B. Generation Project Developer shall follow the Application Rules of Tariff, Part VIII, Subpart C, section 403 that apply to a Generating Facility, and shall complete the Form of Application and System Impact Studies Agreement set forth in Tariff, Part IX, Subpart A (the "Application"). In the Application, Generation Project Developer shall indicate its intent to physically connect its Generating Facility to distribution or sub-transmission facilities that currently are not subject to FERC jurisdiction, for the purpose of injecting energy at the Point of Interconnection-POI and engaging in FERC-jurisdictional Wholesale Transactions.	Changes made to correct agreement's name and to replace acronym with the defined term.
10.	OATT 300 Definitions E; OATT 400 Definitions E	Vicki Karandrikas	Energy Storage Resource: "Energy Storage Resource" shall mean a resource capable of receiving electric energy from the grid and storing it for later injection to the grid that participates in the PJM Energy, Capacity and/or Ancillary Services markets as a Market Participant.	Energy Storage Resource: "Energy Storage Resource" shall mean a resource capable of receiving electric energy from the grid and storing it for later injection to the grid that participates in the PJM Energy, Capacity and/or Ancillary Services markets as a Market Participant. Open-Loop Hybrid Resources are not Energy Storage Resources.	Changes made to reflect the definitions accepted in PJM's Docket No. ER22-1420 Hybrid Resources Participation/Mixed Technology Facilities Filing.
11.	OATT 300 Definitions S; OATT 400 Definitions S	Vicki Karandrikas	State of Charge: "State of Charge" shall mean the operating parameter that represents the quantity of physical energy stored (measured in units of megawatt-hours) in an Energy Storage Resource Model Participant in proportion to its maximum State of Charge capability. State of Charge is quantified as defined in the PJM Manuals.	State of Charge: "State of Charge" shall mean the operating parameter that represents the quantity of physical energy stored (measured in units of megawatt-hours) in an Energy Storage Resource Model Participant or in a storage component of a Hybrid Resource in proportion to its maximum State of Charge capability. State of Charge is quantified as defined in the PJM Manuals.	Changes made to reflect the definitions accepted in PJM's Docket No. ER22-1420 Hybrid Resources Participation/Mixed Technology Facilities Filing; Docket No. ER19-469-006 Order No. 841 Compliance Filing; and Docket No. ER23-2484 Hybrids Phase II Filing.

12.	OATT Attachment Q	Vicki Karandrikas	VI.B.3(c), (e) and -(g)	VI.B.3(c), (e) and -(g)	Changes made to add references to the Generation Interconnection Agreement and Wholesale Market Participation Agreement, which are forms of agreements filed by PJM as part of PJM's interconnection process reform filing in Docket No. ER22-2110 and accepted by the Federal Energy Regulatory Commission ("FERC" or "Commission"). ¹ Under the Tariff's FERC-approved rules, customers with pending Interconnection Requests that had been tendered for execution an Interconnection Service Agreement or other interconnection-related service before the July 10, 2023 Transition Date, ² are subject to one set of Tariff rules and forms of agreements; customers with pending Interconnection Requests that had not been tendered for execution such agreements as of the Transition Date, or that submitted an Interconnection Request on or after the Transition Date, are subject to the Tariff provisions and forms of agreements included in Parts VII, VIII and IX. ³ The changes to Tariff, Attachment Q, sections VI.B.3(c), (d) and (g) have been made to reflect the fact that the milestones and credit requirement reductions will be tied to the effective date of the underlying Interconnection Service Agreement, Generator Interconnection Agreement or Wholesale Market Participation Agreement, depending on which form of agreement the Market Participant executed.																							
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¹ PJM filed its interconnection process reform filing with the Commission on June 14, 2022, *PJM Interconnection, L.L.C.*, Tariff Revisions for Interconnection Process Reform, Request for Commission Action by Order, Docket No. ER22-2110-000 (June 14, 2022), and accepted by FERC in *PJM Interconnection, L.L.C.*, 185 FERC ¶ 61,162 (2022) (“November 2022 Order”), *order on reh'g*, 184 FERC ¶ 61,006 (2023). PJM's interconnection process reform filing included new Tariff, Parts VII, VIII, and IX, and revised other Tariff sections.

² The Transition Date is defined as “[t]he later of: (i) the effective date of Transmission Provider’s Docket Nos. ER22-2110-000, -001 transition cycle filing seeking FERC acceptance of this Tariff, Part VII or (ii) the date by which all AD2 and prior queue window Interconnection Service Agreements or wholesale market participation agreements have been executed or filed or executed.” Tariff, Part VII, section 301(A)(2). On July 11, 2023, PJM filed with the Commission a notice that the Transition Date occurred on July 10, 2010. *PJM Interconnection, L.L.C.*, Notification of Occurrence of Transition Date, Docket Nos. ER22-2110-000 & -001 (July 11, 2023).

³ See November 2022 Order at P 60 (accepting PJM's proposed Transition Mechanism).

			<p>Commencement of Interconnection Service 25%</p> <p>.....</p> <p>(g) For Qualifying Transmission Upgrades, the RPM Auction Credit requirement shall be reduced to 50% of the amount calculated under section IV.B.2 above beginning as of the effective date of the latest associated Interconnection Service Agreement (or, when a project will have no such agreement, an Upgrade Construction Service Agreement), and shall be reduced to zero on the date the Qualifying Transmission Upgrade is placed in service.</p>	<p>Construction (e.g., footers poured) 5%</p> <p>Main Power Generating Equipment Delivered 25%</p> <p>Commencement of Interconnection Service 25%</p> <p>.....</p> <p>(g) For Qualifying Transmission Upgrades, the RPM Auction Credit requirement shall be reduced to 50% of the amount calculated under section IV.B.2 above beginning as of the effective date of the latest associated Interconnection Service Agreement <u>or Generation Interconnection Agreement</u> (or, when a project will have no such agreement, an Upgrade Construction Service Agreement), and shall be reduced to zero on the date the Qualifying Transmission Upgrade is placed in service.</p>	
13.	OATT Part VII.D 307 Introduction	Vicki Karandrikas	<p>A. Phase I, Phase II and Phase III System Impact Studies</p> <p>1.Introduction</p> <p>Tariff, Part VII, Subpart D sets forth the procedures and other terms governing the Transmission Provider's administration of the studies and procedures required under the Cycle process, and the nature and timing of such studies. The Cycle process set forth in Tariff, Part VII includes three study Phases and the three Decision Points:</p> <p>a. Phase I: Phase I System Impact Study and Decision Point I</p> <p>b. Phase II: Phase II System Impact Study and Decision Point II; and</p>	<p>A. Phase I, Phase II and Phase III System Impact Studies</p> <p>1.Introduction</p> <p>Tariff, Part VII, Subpart D sets forth the procedures and other terms governing the Transmission Provider's administration of the studies and procedures required under the Cycle process, and the nature and timing of such studies. The Cycle process set forth in Tariff, Part VII includes three study Phases and the three Decision Points:</p> <p>a.Phase I: Phase I System Impact Study and</p> <p><u>b.</u> Decision Point I</p> <p>bc. Phase II: Phase II System Impact Study and</p> <p><u>d.</u> Decision Point II; and</p> <p>ce. Phase III: Phase III System Impact Study and</p>	Changes to clarify that each Decision Point starts following the end of the associated study phase; a Decision Point is not part of the study phase.

			<p>c. Phase III: Phase III System Impact Study and Decision Point III.</p> <p>Procedures and other terms relative to the three study Phases are set forth separately below in Tariff, Part VII, Subpart D, sections 308 through 313.</p>	<p>f. Decision Point III.</p> <p>Procedures and other terms relative to the three study Phases are set forth separately below in Tariff, Part VII, Subpart D, sections 308 through 313.</p>	
14.	OATT Part VIII.C 404 Introduction	Vicki Karandrikas	<p>A. Phase I, Phase II and Phase III System Impact Studies</p> <p>1. Introduction</p> <p>Tariff, Part VIII, Subpart C sets forth the procedures and other terms governing the Transmission Provider's administration of the studies and procedures required under the Cycle process, and the nature and timing of such studies. The Cycle process set forth in Tariff, Part VIII includes three study Phases and the three Decision Points:</p> <p>a. Phase I: Phase I System Impact Study and Decision Point I</p> <p>b. Phase II: Phase II System Impact Study and Decision Point II; and</p> <p>c. Phase III: Phase III System Impact Study and Decision Point III.</p> <p>Procedures and other terms relative to the three study Phases are set forth separately below in Tariff, Part VIII, Subpart C, sections 405, 407, and 409.</p>	<p>A. Phase I, Phase II and Phase III System Impact Studies</p> <p>1. Introduction</p> <p>Tariff, Part VIII, Subpart C sets forth the procedures and other terms governing the Transmission Provider's administration of the studies and procedures required under the Cycle process, and the nature and timing of such studies. The Cycle process set forth in Tariff, Part VIII includes three study Phases and the three Decision Points:</p> <p>a. Phase I: Phase I System Impact Study and b. Decision Point I</p> <p>b. c. Phase II: Phase II System Impact Study and</p> <p>d. Decision Point II; and</p> <p>e. e. Phase III: Phase III System Impact Study and</p> <p>f. Decision Point III.</p> <p>Procedures and other terms relative to the three study Phases are set forth separately below in Tariff, Part VIII, Subpart C, sections 405, 407, and 409.</p>	Changes to clarify that each Decision Point starts following the end of the associated study phase; a Decision Point is not part of the study phase.
15.	OATT Part VII.E 329 Incremental Rights;	Vicki Karandrikas	<p>In round two, two-thirds of the Incremental Auction Revenue Rights available for each requested point-to-point combination in that round will be assigned in accordance with Tariff, Part VII, Subpart E, section 329(A)(3). In round three, all available Incremental Auction Revenue Rights will be assigned for the</p>	<p>In round two, two-thirds of the Incremental Auction Revenue Rights available for each requested point-to-point combination in that round will be assigned in accordance with Tariff, Part VII, Subpart E, section 329(A)(3). In round three, all available Incremental Auction Revenue Rights will be assigned for the requested point-to-point combinations in that round in accordance with Tariff, Part VII,</p>	Change made to include language that was mistakenly omitted from the Docket No. ER22-2110 interconnection process reform filing, and is necessary to establish the final and binding Incremental Auction Revenue Right assignment for a requested point-to-point

			<p>requested point-to-point combinations in that round in accordance with Tariff, Part VII, Subpart E, section 329(A)(3). In each round, a requester may request the same point-to-point combination as in the previous rounds or submit a different combination. In rounds one and two, requesters may accept the assignment of Incremental Auction Revenue Rights or refuse them. Acceptance of the assignment in rounds one and two will remove the assigned Incremental Auction Revenue Rights from availability in the next rounds. Refusal of an Incremental Auction Revenue Rights assignment in rounds one and two will result in the Incremental Auction Revenue Rights being available for the next round. The Incremental Auction Revenue Rights assignments made in round three will be final and binding. For each round, a request for Incremental Auction Revenue Rights shall specify a single point-to-point combination for which the Transmission Project Developer or Upgrade Customer desires Incremental Auction Revenue Rights and shall be in a form specified by the Office of the Interconnection and in accordance with procedures set forth in the PJM Manuals. The Office of the Interconnection shall specify the deadlines for submission of requests in each round of the allocation process and shall complete the allocation process before the in-service date of the upgrade.</p>	<p>Subpart E, section 329(A)(3). In each round, a requester may request the same point-to-point combination as in the previous rounds or submit a different combination. In rounds one and two, requesters may accept the assignment of Incremental Auction Revenue Rights or refuse them. Acceptance of the assignment in rounds one and two will remove the assigned Incremental Auction Revenue Rights from availability in the next rounds. Refusal of an Incremental Auction Revenue Rights assignment in rounds one and two will result in the Incremental Auction Revenue Rights being available for the next round. The Incremental Auction Revenue Rights assignments made in round three will be final and binding. <u>The final and binding Incremental Auction Revenue Right assignment for a requested point-to-point combination in each round shall in no event be less than one third of 80% and no greater than one-third of 100% of the non-binding estimate of Incremental Auction Revenue Rights for that point-to-point combination that was provided to the Transmission Project Developer or Upgrade Customer.</u> For each round, a request for Incremental Auction Revenue Rights shall specify a single point-to-point combination for which the Transmission Project Developer or Upgrade Customer desires Incremental Auction Revenue Rights and shall be in a form specified by the Office of the Interconnection and in accordance with procedures set forth in the PJM Manuals. The Office of the Interconnection shall specify the deadlines for submission of requests in each round of the allocation process and shall complete the allocation process before the in-service date of the upgrade.</p>	<p>combination. Specifically, as part of the process of developing the new Tariff provisions, PJM incorporated provisions from Tariff, Part VI into new Tariff, Parts VII and VIII. Tariff, Part VII, section 329 was intended to incorporate the provisions of Tariff, Part VII, section 231.2; however, the sentence “[t]he final and binding Incremental Auction Revenue Right assignment for a requested point-to-point combination in each round shall in no event be less than one third of 80% and no greater than one-third of 100% of the non-binding estimate of Incremental Auction Revenue Rights for that point-to-point combination that was provided to the Transmission Project Developer or Upgrade Customer” was mistakenly omitted during the drafting process.</p>
16.	OATT Part VIII.E 427 Incremental Rights	Vicki Karandrikas	<p>In round two, two-thirds of the Incremental Auction Revenue Rights available for each requested point-to-point combination in that round will be assigned in accordance with Tariff, Part VIII, Subpart E, section 427(A)(3). In round three, all available Incremental Auction Revenue Rights will be assigned for the requested point-to-point combinations in that round in accordance with Tariff, Part VIII, Subpart E, section 427(A)(3). In each round, a requester may request the</p>	<p>In round two, two-thirds of the Incremental Auction Revenue Rights available for each requested point-to-point combination in that round will be assigned in accordance with Tariff, Part VIII, Subpart E, section 427(A)(3). In round three, all available Incremental Auction Revenue Rights will be assigned for the requested point-to-point combinations in that round in accordance with Tariff, Part VIII, Subpart E, section 427(A)(3). In each round, a requester may request the same point-to-point combination as in the previous rounds or submit a different combination. In rounds one and two,</p>	<p>Change made to include language that was mistakenly omitted from the Docket No. ER22-2110 interconnection process reform filing, and is necessary to establish the final and binding Incremental Auction Revenue Right assignment for a requested point-to-point combination. Specifically, as part of process of developing the new Tariff provisions, PJM incorporated provisions from Tariff, Part VI into</p>

			<p>same point-to-point combination as in the previous rounds or submit a different combination. In rounds one and two, requesters may accept the assignment of Incremental Auction Revenue Rights or refuse them. Acceptance of the assignment in rounds one and two will remove the assigned Incremental Auction Revenue Rights from availability in the next rounds. Refusal of an Incremental Auction Revenue Rights assignment in rounds one and two will result in the Incremental Auction Revenue Rights being available for the next round. The Incremental Auction Revenue Rights assignments made in round three will be final and binding. For each round, a request for Incremental Auction Revenue Rights shall specify a single point-to-point combination for which the Transmission Project Developer or Upgrade Customer desires Incremental Auction Revenue Rights and shall be in a form specified by the Office of the Interconnection and in accordance with procedures set forth in the PJM Manuals. The Office of the Interconnection shall specify the deadlines for submission of requests in each round of the allocation process and shall complete the allocation process before the in-service date of the upgrade.</p>	<p>requesters may accept the assignment of Incremental Auction Revenue Rights or refuse them. Acceptance of the assignment in rounds one and two will remove the assigned Incremental Auction Revenue Rights from availability in the next rounds. Refusal of an Incremental Auction Revenue Rights assignment in rounds one and two will result in the Incremental Auction Revenue Rights being available for the next round. The Incremental Auction Revenue Rights assignments made in round three will be final and binding. <u>The final and binding Incremental Auction Revenue Right assignment for a requested point-to-point combination in each round shall in no event be less than one third of 80% and no greater than one-third of 100% of the non-binding estimate of Incremental Auction Revenue Rights for that point-to-point combination that was provided to the Transmission Project Developer or Upgrade Customer.</u> For each round, a request for Incremental Auction Revenue Rights shall specify a single point-to-point combination for which the Transmission Project Developer or Upgrade Customer desires Incremental Auction Revenue Rights and shall be in a form specified by the Office of the Interconnection and in accordance with procedures set forth in the PJM Manuals. The Office of the Interconnection shall specify the deadlines for submission of requests in each round of the allocation process and shall complete the allocation process before the in-service date of the upgrade.</p>	<p>new Tariff, Parts VII and VIII. Tariff, Part VIII, section 427 was intended to incorporate the provisions of Tariff, Part VII, section 231.2; however, the sentence “[t]he final and binding Incremental Auction Revenue Right assignment for a requested point-to-point combination in each round shall in no event be less than one third of 80% and no greater than one-third of 100% of the non-binding estimate of Incremental Auction Revenue Rights for that point-to-point combination that was provided to the Transmission Project Developer or Upgrade Customer” was mistakenly omitted during the drafting process.</p>
17.	OATT Part VIII.A 402 Applications for Cycle Process, Site Control	Vicki Karandrikas	<p>(A)(8)c. Conveyance</p> <p>The Site Control evidence submitted by the Project Developer must demonstrate that the subject Site is or will be conveyed to the Project Developer, e.g., through a deed or an option to purchase or lease or other form of property rights acceptable to PJM, or that the Project Developer is guaranteed a right to future conveyance at Project Developer’s sole discretion, e.g., through a deed or an option to purchase or lease or other forms of property rights acceptable to PJM, consistent with the Site Control Evidentiary Requirements provisions in Tariff, Part VIII, Subpart A, section 302(A)(2), above.</p>	<p>(A)(8)c. Conveyance</p> <p>The Site Control evidence submitted by the Project Developer must demonstrate that the subject Site is or will be conveyed to the Project Developer, e.g., through a deed or an option to purchase or lease or other form of property rights acceptable to PJM, or that the Project Developer is guaranteed a right to future conveyance at Project Developer’s sole discretion, e.g., through a deed or an option to purchase or lease or other forms of property rights acceptable to PJM, consistent with the Site Control Evidentiary Requirements provisions in Tariff, Part VIII, Subpart A, section 3402(A)(2), above.</p>	<p>Change made to correct cross-reference.</p>

18.	OATT Part VII.D, 309 Decision Point I	Steve Pincus	<p>(A)(2)(a)(iii)(a) Generating Facility or Merchant Transmission Facility Site Control evidence for an additional three-year term beginning from last day of the relevant Cycle, Phase I.</p> <p>...</p> <p>(b) Interconnection Facilities (to the Point of Interconnection) Site Control evidence for a three-year term beginning from the last day of the relevant Cycle, Phase I.</p> <p>...</p> <p>(c) Interconnection Switchyard, if applicable, Site Control evidence for a three-year term beginning from the last day of the relevant Cycle, Phase I.</p> <p>...</p> <p>(A)(3)(c)</p> <p>i. Generating Facility Site Control evidence is required to be maintained for an additional term beginning from last day of the relevant Cycle, Phase I that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus three years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>ii. Interconnection Facilities (to the Point of Interconnection) Site Control evidence is required to be maintained for a term beginning from last day of the relevant Cycle, Phase I that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus three years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>iii. Interconnection Switchyard, if applicable, Site Control evidence is required to be maintained for a term beginning from last day of the relevant Cycle, Phase I</p>	<p>(A)(2)(a)(iii)(a) Generating Facility or Merchant Transmission Facility Site Control evidence for an additional three <u>one</u>-year term beginning from last day of the relevant Cycle, Phase I.</p> <p>...</p> <p>(b) Interconnection Facilities (to the Point of Interconnection) Site Control evidence for a three <u>one</u>-year term beginning from the last day of the relevant Cycle, Phase I.</p> <p>...</p> <p>(c) Interconnection Switchyard, if applicable, Site Control evidence for a three <u>one</u>-year term beginning from the last day of the relevant Cycle, Phase I.</p> <p>...</p> <p>(A)(3)(c)</p> <p>i. Generating Facility Site Control evidence is required to be maintained for an additional term beginning from last day of the relevant Cycle, Phase I that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus one three <u>one</u> years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>ii. Interconnection Facilities (to the Point of Interconnection) Site Control evidence is required to be maintained for a term beginning from last day of the relevant Cycle, Phase I that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus one three <u>one</u> years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>iii. Interconnection Switchyard, if applicable, Site Control evidence is required to be maintained for a term beginning from last day of the relevant Cycle, Phase I that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus one three <u>one</u> years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p>	<p>Change made to correct a drafting error in establishing the duration (term) of the Site Control requirement for projects subject to the acceleration at Decision Point I and align the Tariff Part VII Site Control requirements for projects accelerating at Decision Point I with the Site Control requirements in Tariff Part VIII.</p> <p>The use of a one-year Site Control requirement for projects subject to acceleration is consistent with the generally applicable Site Control requirements under Part VII, section 309. See Tariff, section 309(A)(1)(b)(i). This is also consistent with PJM's intention during the Docket No. ER22-2110 queue reform filing drafting process to the reduce the Part VII Site Control requirements to one-year, rather than the using three years standard set forth in Tariff, Part VIII. See Interconnection Process Reform Task Force (IPRTF) Transition Proposal Packages, slides 18-19 (Feb. 8, 2022); posted at https://www.pjm.com/-/media/committees-groups/committees/pc/2022/20220208/20220208-item-06a-iprtf-transition-proposal-packages-presentation.ashx; PJM Transition Period Proposal Update, slides 9 and 10 (Jan. 5, 2022), posted at https://pjm.com/-/media/committees-groups/task-forces/iprtf/2022/20220105/20220105-item-03a-transition-proposal.ashx;</p>
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			<p>that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus three years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>iv. PJM may request evidence of the required Site Control at any point beginning from last day of the relevant Cycle, Phase I through a date that extends three years beyond the full execution date of the relevant state level interconnection agreement with the applicable entity</p>	<p>iv. PJM may request evidence of the required Site Control at any point beginning from last day of the relevant Cycle, Phase I through a date that extends one three years beyond the full execution date of the relevant state level interconnection agreement with the applicable entity.</p>	
19.	OATT Part VII.D, 311 Decision Point II	Steve Pincus	<p>(A)(2)(d)(i)(c)(i) Generating Facility or Merchant Transmission Facility Site Control evidence for an additional three-year term beginning from last day of the relevant Cycle, Phase II.</p> <p>...</p> <p>(ii) Interconnection Facilities (to the Point of Interconnection) Site Control evidence for a three-year term beginning from the last day of the relevant Cycle, Phase II.</p> <p>...</p> <p>(iii) If applicable, Interconnection Switchyard Site Control evidence for a three-year term beginning from the last day of the relevant Cycle, Phase II.</p> <p>...</p> <p>(A)(2)(e)(i)(j)(i) Generating Facility Site Control evidence is required to be maintained for an additional term beginning from last day of the relevant Cycle, Phase II that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus three years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>(ii) Interconnection Facilities (to the Point of Interconnection) Site Control evidence is required to be</p>	<p>(A)(2)(d)(i)(c)(i) Generating Facility or Merchant Transmission Facility Site Control evidence for an additional three one-year term beginning from last day of the relevant Cycle, Phase II.</p> <p>...</p> <p>(ii) Interconnection Facilities (to the Point of Interconnection) Site Control evidence for a three one-year term beginning from the last day of the relevant Cycle, Phase II.</p> <p>...</p> <p>(iii) If applicable, Interconnection Switchyard Site Control evidence for a three one-year term beginning from the last day of the relevant Cycle, Phase II.</p> <p>...</p> <p>(A)(2)(e)(i)(j)(i) Generating Facility Site Control evidence is required to be maintained for an additional term beginning from last day of the relevant Cycle, Phase II that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus three one years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>(ii) Interconnection Facilities (to the Point of Interconnection) Site Control evidence is required to be maintained for a term beginning from last day of the relevant Cycle, Phase II that extends through the full execution date of the relevant state level interconnection agreement with the applicable entity, plus three one years beyond</p>	<p>Change made to correct a drafting error in establishing the duration (term) of the Site Control requirement for projects subject to the acceleration at Decision Point II and align the Tariff Part VII Site Control requirements for projects accelerating at Decision Point II with the Site Control requirements in Tariff Part VIII</p> <p>The use of a one-year Site Control requirement for projects subject to acceleration is consistent with the generally applicable Site Control requirements under Part VII, section 309 and 313. See Tariff, section 309(A)(1)(b)(i) and section 313(A)(1)(c). This is also consistent with PJM's intention during the Docket No. ER22-2110 queue reform filing drafting process to reduce the Part VII Site Control requirements to one-year, rather than the using three years standard set forth in Tariff, Part VIII. See Interconnection Process Reform Task Force (IPRTF) Transition Proposal Packages, slides 18-19 (Feb. 8, 2022); posted at https://www.pjm.com/-/media/committees-groups/committees/pc/2022/20220208/20220208-item-06a-iprtf-transition-proposal-packages-</p>

			<p>maintained for a term beginning from last day of the relevant Cycle, Phase II that extends through the full execution date of the relevant state level interconnection agreement with the applicable entity, plus three years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>(iii) Interconnection Switchyard, if applicable, Site Control evidence is required to be maintained for a term beginning from last day of the relevant Cycle, Phase II that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus three years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>(iv) PJM may request evidence of the required Site Control at any point beginning from last day of the relevant Cycle, Phase II through a date that extends three years beyond the full execution date of the relevant state level interconnection agreement with the applicable entity</p>	<p>such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>(iii) Interconnection Switchyard, if applicable, Site Control evidence is required to be maintained for a term beginning from last day of the relevant Cycle, Phase II that extends through full execution date of the relevant state level interconnection agreement with the applicable entity, plus three one years beyond such full execution date of the relevant state level interconnection agreement with the applicable entity.</p> <p>...</p> <p>(iv) PJM may request evidence of the required Site Control at any point beginning from last day of the relevant Cycle, Phase II through a date that extends three one years beyond the full execution date of the relevant state level interconnection agreement with the applicable entity.</p>	<p>presentation.ashx; PJM Transition Period Proposal Update, slides 9 and 10 (Jan. 5, 2022), posted at https://pjm.com/-/media/committees-groups/task-forces/iprtf/2022/20220105/20220105-item-03a-transition-proposal.ashx;</p>
20.	OATT Part IX.B GIA Specs	Vicki Karandrikas	<p>2.2 To the extent that any portion of the Generating Facility described in section 1.0 is not a Capacity Resource with Capacity Interconnection Rights, such portion of the Generating Facility shall be an Energy Resource. PJM reserves the right to limit total injections to the Maximum Facility Output in the event reliability would be affected by output greater than such quantity.</p> <p>{Instructions: this version of section 2.1 will be used in lieu of section 2.1 above when a Generating Facility will be an Energy Resource and therefore will not be granted any CIRs:}</p>	<p>2.21a To the extent that any portion of the Generating Facility described in section 1.0 is not a Capacity Resource with Capacity Interconnection Rights, such portion of the Generating Facility shall be an Energy Resource. PJM reserves the right to limit total injections to the Maximum Facility Output in the event reliability would be affected by output greater than such quantity.</p> <p>{Instructions: this alternate version of section 2.1 that appears below will be used in lieu of section 2.1 above when a Generating Facility will be an Energy Resource and therefore will not be granted any CIRs:}</p> <p>[2.31 The generating unit(s) described in section 1.0 shall be an Energy Resource. Pursuant to this GIA, the generating unit will be</p>	<p>Changes to clarify instructions and correct cross-references and section numbering.</p>

		<p>2.3 The generating unit(s) described in section 1.0 shall be an Energy Resource. Pursuant to this GIA, the generating unit will be permitted to inject ___ MW (nominal) into the system. PJM reserves the right to limit injections to this quantity in the event reliability would be affected by output greater than such quantity.]</p> <p>[for Transmission Project Developers]</p> <p>2.4 Transmission Injection Rights: [applicable only to Merchant D.C. Transmission Facilities and/or Controllable A.C. Merchant Transmission Facilities that interconnect with a control area outside PJM]</p> <p>Pursuant to the GIP, Project Developer shall have Transmission Injection Rights at each indicated Point of Interconnection in the following quantity(ies):</p> <p>2.5 Transmission Withdrawal Rights: [applicable only to Merchant D.C. Transmission Facilities and/or Controllable A.C. Merchant Transmission Facilities that interconnect with a control area outside PJM]</p> <p>Pursuant to the GIP, Project Developer shall have Transmission Withdrawal Rights at each indicated Point of Interconnection in the following quantity(ies):</p> <p>[Include section 2.3 only if customer is interconnecting Controllable A.C. Merchant Transmission Facilities]</p> <p>2.6 Project Developer is interconnecting Controllable A.C. Merchant Transmission Facilities as defined in the Part I of the Tariff, and has elected, pursuant to the GIP, to receive Transmission Injection Rights and Transmission Withdrawal Rights in lieu of the other applicable rights for which it may be eligible the</p>	<p>permitted to inject ___ MW (nominal) into the system. PJM reserves the right to limit injections to this quantity in the event reliability would be affected by output greater than such quantity.]</p> <p>[for Transmission Project Developers]</p> <p>2.41 Transmission Injection Rights: [applicable only to Merchant D.C. Transmission Facilities and/or Controllable A.C. Merchant Transmission Facilities that interconnect with a control area outside PJM]</p> <p>Pursuant to the GIP, Project Developer shall have Transmission Injection Rights at each indicated Point of Interconnection in the following quantity(ies):</p> <p>2.52 Transmission Withdrawal Rights: [applicable only to Merchant D.C. Transmission Facilities and/or Controllable A.C. Merchant Transmission Facilities that interconnect with a control area outside PJM]</p> <p>Pursuant to the GIP, Project Developer shall have Transmission Withdrawal Rights at each indicated Point of Interconnection in the following quantity(ies):</p> <p>[Include section 2.32A only if customer is interconnecting Controllable A.C. Merchant Transmission Facilities]</p> <p>2.62A Project Developer is interconnecting Controllable A.C. Merchant Transmission Facilities as defined in the Part I of the Tariff, and has elected, pursuant to the GIP, to receive Transmission Injection Rights and Transmission Withdrawal Rights in lieu of the other applicable rights for which it may be eligible the GIP. Accordingly, Project Developer hereby agrees that the Transmission Injection Rights and Transmission Withdrawal Rights awarded to it pursuant to the GIP and this GIA are, and throughout the duration of this GIA shall be, conditioned on Project</p>	
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			<p>GIP. Accordingly, Project Developer hereby agrees that the Transmission Injection Rights and Transmission Withdrawal Rights awarded to it pursuant to the GIP and this GIA are, and throughout the duration of this GIA shall be, conditioned on Project Developer's continuous operation of its Controllable A.C. Merchant Transmission Facilities in a controllable manner, i.e., in a manner effectively the same as operation of D.C. transmission facilities.</p> <p>{Instructions – use for Merchant Transmission Developers as applicable}</p> <p>2.7 Incremental Deliverability Rights:</p> <p>Pursuant to Tariff, Part VIII, Subpart E, section 427(C), Project Developer shall have Incremental Deliverability Rights at each indicated Point of Interconnection in the following quantity(ies):</p> <p>2.8 Incremental Auction Revenue Rights:</p> <p>Pursuant to Tariff, Part VIII, Subpart E, section 427(A), Project Developer shall have Incremental Auction Revenue Rights in the following quantities:</p> <p>2.9 Incremental Capacity Transfer Rights:</p> <p>Pursuant to Tariff, Part VIII, Subpart E, section 427(B), Project Developer shall have Incremental Capacity Transfer Rights between the following associated source(s) and sink(s) in the indicated quantities:</p>	<p>Developer's continuous operation of its Controllable A.C. Merchant Transmission Facilities in a controllable manner, i.e., in a manner effectively the same as operation of D.C. transmission facilities.</p> <p>{Instructions – use for Merchant Transmission Developers as applicable}</p> <p>2.73 Incremental Deliverability Rights:</p> <p>Pursuant to Tariff, Part VIII, Subpart E, section 427(C), Project Developer shall have Incremental Deliverability Rights at each indicated Point of Interconnection in the following quantity(ies):</p> <p>2.84 Incremental Auction Revenue Rights:</p> <p>Pursuant to Tariff, Part VIII, Subpart E, section 427(A), Project Developer shall have Incremental Auction Revenue Rights in the following quantities:</p> <p>2.95 Incremental Capacity Transfer Rights:</p> <p>Pursuant to Tariff, Part VIII, Subpart E, section 427(B), Project Developer shall have Incremental Capacity Transfer Rights between the following associated source(s) and sink(s) in the indicated quantities:</p>	
21.	OATT Part IX.B, GIA – Schedule D	Vicki Karandrikas	<p>The following technical requirements and standards shall apply. <u>To the extent that these Applicable Technical Requirements and Standards conflict with the terms and conditions of the Tariff or any</u></p>	<p>The following <u>Applicable Technical Requirements and Standards</u> technical requirements and standards shall apply. To the extent that these Applicable Technical Requirements and</p>	<p>Formatting changes made to remove extraneous underlining.</p>

			<p>other provision of this GIA, the Tariff and/or this GIA shall control.</p> <p><i>{Instructions: If the relevant TO Applicable Technical Requirements and Standards are posted on the PJM website, use the following language, <u>subject to modifications as appropriate.</u>}</i></p> <p>[Name of TO Standards] [version number (if known and applicable)] dated [insert effective date of the Standards] shall apply. The [Name of TO Standards] [version number (if known and applicable)] dated [insert effective date of the Standards] is available on the PJM website.</p> <p><i>{Instructions. If the relevant TO Applicable Technical Requirements and Standards are not posted on the PJM website, use the following language, <u>subject to modifications as appropriate.</u>}</i></p>	<p>Standards conflict with the terms and conditions of the Tariff or any other provision of this GIA, the Tariff and/or this GIA shall control.</p> <p><i>{Instructions: If the relevant TO Applicable Technical Requirements and Standards are posted on the PJM website, use the following language, subject to modifications as appropriate.}</i></p> <p>[Name of TO Standards] [version number (if known and applicable)] dated [insert effective date of the Standards] shall apply. The [Name of TO Standards] [version number (if known and applicable)] dated [insert effective date of the Standards] is available on the PJM website.</p> <p><i>{Instructions. If the relevant TO Applicable Technical Requirements and Standards are not posted on the PJM website, use the following language, subject to modifications as appropriate.}</i></p>	
22.	OATT, Part IX.D – E&P	Vicki Karandrikas	<p>1.0 This Engineering and Procurement Agreement (“E&P Agreement”), including the Specifications attached hereto and incorporated herein, is entered into by and among PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”), [] (“Project Developer” [OPTIONAL: or [“short name”]]), and [] (“Transmission Owner” [OPTIONAL: or [“short name”]]). Transmission Provider, Project Developer and Transmission Owner are individually, a “Party” and together, the “Parties” and collectively are “Parties”. [Use as/when applicable: This E&P Agreement supersedes the _____ {insert details to identify the agreement being superseded, such as whether it is an E&P Agreement or Generator Interconnection Agreement, the effective date of the agreement, the service agreement number designation,</p>	<p>1.0 This Engineering and Procurement Agreement (“E&P Agreement”), including the Specifications attached hereto and incorporated herein, is entered into by and among PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”), [] (“Project Developer” [OPTIONAL: or [“short name”]]), and [] (“Transmission Owner” [OPTIONAL: or [“short name”]]). Transmission Provider, Project Developer and Transmission Owner are individually, a “Party” and together, the “Parties” and collectively are “Parties”. [Use as/when applicable: This E&P Agreement supersedes the _____ {insert details to identify the agreement being superseded, such as whether it is an E&P Agreement or Generator-Generation Interconnection Agreement, the effective date of the agreement, the service agreement number designation, and the FERC docket number, if applicable, for the agreement being superseded.}] For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures</p>	Changes made to remove extraneous brackets and correct agreement name.

			and the FERC docket number, if applicable, for the agreement being superseded.}] For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	
23.	OATT, Part IX.E – UCSA	Vicki Karandrikas	WHEREAS, Upgrade Customer has requested (1) Incremental Auction Revenue Rights pursuant to section 7.8 of Schedule 1 of the Operating Agreement of PJM Interconnection L.L.C. (“Operating Agreement”) and Generation Interconnection Procedures (“GIP”) set forth in PJM Interconnection, L.L.C. Open Access Transmission Tariff (“Tariff”), Part {[instruction: {use Part VII if this is a transition period Agreement subject to Tariff, Part VII} {use Part VIII if this a new rules Agreement subject to Part VIII}}; or (2) installation of one or more Merchant Network Upgrades pursuant to the GIP;	WHEREAS, Upgrade Customer has requested (1) Incremental Auction Revenue Rights pursuant to section 7.8 of Schedule 1 of the Operating Agreement of PJM Interconnection, L.L.C. (“Operating Agreement”) and Generation Interconnection Procedures (“GIP”) set forth in PJM Interconnection, L.L.C. Open Access Transmission Tariff (“Tariff”), Part {[instruction: {use Part VII if this is a transition period Agreement subject to Tariff, Part VII} {use Part VIII if this a new rules Agreement subject to Part VIII}}; or (2) installation of one or more Merchant Network Upgrades pursuant to the GIP;	Change made to remove extraneous bracket.
24.	OATT, Part IX.E – UCSA	Vicki Karandrikas	<u>SCHEDULE A</u> <u>NEGOTIATED CONTRACT OPTIONS</u> List or state “None.” <u>SCHEDULE B</u> <u>OPERATION AND MAINTENANCE CHARGES FOR MERCHANT NETWORK UPGRADES</u> List or state “None.”	<u>SCHEDULE A</u> <u>NEGOTIATED CONTRACT OPTIONS</u> [List or state “None.”] <u>SCHEDULE B</u> <u>OPERATION AND MAINTENANCE CHARGES FOR MERCHANT NETWORK UPGRADES</u> [List or state “None.”]	Changes made for consistency to add brackets around instruction.
25.	OATT Part IX.H – NUCRA	Vicki Karandrikas	All capitalized terms herein shall have the meanings set forth in the appended definitions of such terms as stated in the GIP. [Use as/when applicable: This NUCRA	All capitalized terms herein shall have the meanings set forth in the appended definitions of such terms as stated in the GIP. [Use as/when applicable: This NUCRA supersedes the	Change made to remove extraneous bracket.

			supersedes the _____ {insert details to identify the agreement being superseded, the effective date of the agreement, the service agreement number designation, and the FERC docket number, if applicable, for the agreement being superseded.}} For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	_____ {insert details to identify the agreement being superseded, the effective date of the agreement, the service agreement number designation, and the FERC docket number, if applicable, for the agreement being superseded.}} For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	
26.	OATT Part IX.I – Surplus	Vicki Karandrikas	1. This Surplus Interconnection Study Agreement (the “Agreement”), dated as of _____, is entered into, by and between _____ (“Surplus Project Developer”) and PJM Interconnection, L.L.C. (“Transmission Provider”) (individually referred to as a “Party,” or collectively referred to as the “Parties”) pursuant to the Generation Interconnection Procedures (“GIP”) set forth in PJM Interconnection, L.L.C. Open Access Transmission Tariff (“Tariff”), Part {[instruction: {use Part VII if this is a transition period Agreement subject to Tariff, Part VII} {use Part VIII if this a new rules Agreement subject to Part VIII}]. Capitalized terms used in this agreement, unless otherwise indicated, shall have the meanings ascribed to them in the Tariff.	1. This Surplus Interconnection Study Agreement (the “Agreement”), dated as of _____, is entered into, by and between _____ (“Surplus Project Developer”) and PJM Interconnection, L.L.C. (“Transmission Provider”) (individually referred to as a “Party,” or collectively referred to as the “Parties”) pursuant to the Generation Interconnection Procedures (“GIP”) set forth in PJM Interconnection, L.L.C. Open Access Transmission Tariff (“Tariff”), Part {[instruction: {use Part VII if this is a transition period Agreement subject to Tariff, Part VII} {use Part VIII if this a new rules Agreement subject to Part VIII}]. Capitalized terms used in this agreement, unless otherwise indicated, shall have the meanings ascribed to them in the Tariff.	Change made to remove extraneous bracket.
27.	OATT Part IX.I – Surplus	Vicki Karandrikas	b. Evidence of ownership interest in, or right to acquire or control, the surplus generating unit for a minimum of three years, such as a deed, option agreement, lease or other similar document acceptable to the Transmission Provider. Include both a written description of the evidence to be relied upon and attach a Word or PDF version copy thereof.	b. Evidence of ownership interest in, or right to acquire or control, the surplus generating unit -for a minimum of three years, such as a deed, option agreement, lease or other similar document acceptable to the Transmission Provider. Include both a written description of the evidence to be relied upon and attach a Word or PDF version copy thereof. Transmission Provider: PJM Interconnection, L.L.C.	Change to remove extra space after “generating unit.” Formatting change made to signature block for Transmission Provider for consistency with other signature blocks for Surplus Project Developer.

			<p>Transmission Provider: PJM Interconnection, L.L.C.</p> <p>By: _____</p> <p>_____</p> <p>Name Title Date</p> <p>_____</p> <p>Printed Name</p> <p>Surplus Project Developer: [Name of Party]</p> <p>By: _____</p> <p>_____</p> <p>Name Title Date</p> <p>_____</p> <p>Printed Name</p>	<p>By: _____</p> <p>_____</p> <p>Name Date Title</p> <p>_____</p> <p>Printed Name</p> <p>Surplus Project Developer: [Name of Party]</p> <p>By: _____</p> <p>_____</p> <p>Name Date Title</p> <p>_____</p> <p>Printed Name</p>	
28.	OATT Part IX.J – CSA	Vicki Karandrikas	<p>This Construction Service Agreement, including the Appendices attached hereto and incorporated herein (collectively, “CSA”) is made and entered into as of the Effective Date (as defined in the attached Appendix III) by and among PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”), _____ (“Developer Party” [OPTIONAL: or “[short name]”]) and _____ (“Transmission Owner” [OPTIONAL: or “[short name]”]). Transmission Provider, Developer Party and Transmission Owner are referred to herein individually as “Party” and collectively</p>	<p>This Construction Service Agreement, including the Appendices attached hereto and incorporated herein (collectively, “CSA”) is made and entered into as of the Effective Date (as defined in the attached Appendix III) by and among PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”), _____ (“Developer Party” [OPTIONAL: or “[short name]”]) and _____ (“Transmission Owner” [OPTIONAL: or “[short name]”]). Transmission Provider, Developer Party and Transmission Owner are referred to herein individually as “Party” and collectively as “the Parties.” Developer Party is a {instruction: select [Project Developer, Eligible Customer or Affected System Customer]} as defined in in this GIP. For</p>	Change made to remove extraneous bracket.

			as “the Parties.” Developer Party is a {instruction: select [Project Developer, Eligible Customer or Affected System Customer]} as defined in in this GIP. For purposes of this Upgrade CSA, For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	purposes of this Upgrade CSA, For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	
29.	OATT Part IX.L – Affected Systems	Vicki Karandrikas	<p>1.This Affected System Customer Facilities Study Application and Agreement ("Agreement"), dated as of _____, is entered into by and between _____ ("Affected System Customer") and PJM Interconnection, L.L.C. ("Transmission Provider"), pursuant to the PJM Interconnection, L.L.C. Open Access Transmission Tariff ("PJM Tariff").</p> <p>5. Previous submissions: {instructions – complete the following section if there was an earlier Affected System Customer Facilities Study Agreement or other agreement between PJM and the Affected System Customer, otherwise replace the following language with “Not Applicable”} Except as otherwise specifically set forth in an attachment to this Agreement, Affected System Customer represents and warrants that the information provided in {list applicable agreement} dated _____, is accurate and complete as of the date of execution of this Agreement.</p>	<p>1.This Affected System Customer Facilities Study Application and Agreement ("Agreement"), dated as of _____, is entered into by and between _____ ("Affected System Customer") and PJM Interconnection, L.L.C. ("Transmission Provider"), pursuant to the PJM Interconnection, L.L.C. Open Access Transmission Tariff ("PJM Tariff").</p> <p>5. Previous submissions: {instructions – complete the following section if there was an earlier Affected System Customer Facilities Study Agreement or other agreement between PJM and the Affected System Customer, otherwise replace the following language with “Not Applicable”}. Except as otherwise specifically set forth in an attachment to this Agreement, Affected System Customer represents and warrants that the information provided in {list applicable agreement} dated _____, is accurate and complete as of the date of execution of this Agreement.</p>	The first change was made to use the short name “Tariff” rather “PJM Tariff” for consistency with other Tariff provisions. A period was also added to the end of the first sentence in paragraph 5 for grammatical purposes.
30.	OATT 300 Definitions P; OATT 400 Definitions P	Vicki Karandrikas		<p><u>“Project Identifier” shall mean, when an Application from a Project Developer or an Eligible Customer results in a valid New Service Request, in accordance with Tariff, Part VII, Subpart C, section 306 [or Part VIII, Subpart B, section 403], the assigned Project Identifier</u></p>	<p>Definition for “Project Identifier” added to the Tariff. It is a capitalized term but not defined. This language is also based on, and consistent with, the descriptions of Project Identifier</p>

				<p><u>to such request as confirmed by Transmission Provider. For Project Developers and Eligible Customers, the Project Identifier will indicate the applicable Cycle, and will denote a number that represents the project within the Cycle. The Project Identifier is strictly for identification purposes, and does not indicate priority within a Cycle.</u></p>	<p>contained in Part VII, section 315(A) and Part VIII, section 412(A) of the FERC approved Tariff, which states “[w]hen an Application from a Project Developer or an Eligible Customer results in a valid New Service Request, in accordance with Tariff, Part VII, Subpart C, section 306 [or Part VIII, Subpart B, section 403], Transmission Provider shall confirm the assigned Project Identifier to such request. For Project Developers and Eligible Customers, the Project Identifier will indicate the applicable Cycle, and will denote a number that represents the project within the Cycle. The Project Identifier is strictly for identification purposes, and does not indicate priority within a Cycle.”</p>
31.	OATT 300 Definitions R; OATT 400 Definitions R	Vicki Karandrikas		<p><u>“Request Number” shall mean, when an Application from an Upgrade Customer results in a valid Upgrade Request, in accordance with Tariff, Part VII, section 306 [or Part VIII, Subpart H, section 435], the assigned Request Number to such request as confirmed by Transmission Owner. The Request Number will indicate the serial position and priority.</u></p>	<p>Definition for “Request Number” added to the Tariff. This is based on, and consistent with the description of Request Number contained in Part VII, section 315(B) and Part VIII, section 412(B) of the FERC approved Tariff, which states “[w]hen an Application from an Upgrade Customer results in a valid Upgrade Request, in accordance with Tariff, Part VII, section 306 [or Part VIII, Subpart H, section 435], Transmission Provider shall confirm the assigned Request Number to such request. The Request Number will indicate the serial position and priority.”</p>
32.	OATT Part IX.E - UCSA	Vicki Karandrikas	<p>(Project Identifier #____) UPGRADE CONSTRUCTION SERVICE AGREEMENT By and Among PJM Interconnection, L.L.C. And [Upgrade Customer] And [Name of Transmission Owner]</p>	<p>(Project Identifier Request #____) UPGRADE CONSTRUCTION SERVICE AGREEMENT By and Among PJM Interconnection, L.L.C. And [Upgrade Customer] And [Name of Transmission Owner]</p>	<p>Changes made to correct terminology.</p>

			<p>UPGRADE CONSTRUCTION SERVICE AGREEMENT By and Among PJM Interconnection, L.L.C. And [Upgrade Customer] And [Name of Transmission Owner] (Project Identifier #___)</p> <p>IN WITNESS WHEREOF, the Parties have caused this Upgrade CSA to be executed by their respective authorized officials. (Project Identifier #_____)</p>	<p>UPGRADE CONSTRUCTION SERVICE AGREEMENT By and Among PJM Interconnection, L.L.C. And [Upgrade Customer] And [Name of Transmission Owner] (Project Identifier Request #___)</p> <p>IN WITNESS WHEREOF, the Parties have caused this Upgrade CSA to be executed by their respective authorized officials. (Project Identifier Request #_____)</p>	
33.	OATT Part IX.I – SISA	Vicki Karandrikas	<p>Form of Surplus Interconnection Study Agreement (Project Identifier #___)</p>	<p>Form of Surplus Interconnection Study Agreement (Project Identifier #___)</p>	Change made for consistency with other agreement to initiate study requests.
34.	OATT 300 Definitions S; OATT 400 Definitions S	Vicki Karandrikas		<p><u>“Surplus Service Request Number” shall mean, when an Application from a Surplus Interconnection Service Customer results in a valid Surplus Interconnection Service Request, in accordance with Tariff, Part VIII, Subpart E, section 414, the assigned Surplus Service Request Number to such request as confirmed by Transmission Provider. The Request Number will indicate the serial position and priority.</u></p>	Definition for “Surplus Service Request Number” added to the Tariff. It is a capitalized term but not defined. This language is based on, and is consistent with the description of Request Number contained in Part VIII, section 412(C) of the FERC approved Tariff, which states: “[w]hen an Application from a Surplus Interconnection Service Customer results in a valid Surplus Interconnection Service Request, in accordance with Tariff, Part VIII, Subpart E, section 414, Transmission Provider shall confirm the assigned Surplus Service Request Number to such request. The Request Number will indicate the serial position and priority.”
35.	OATT Part VII.D 313 Decision Point III; OATT Part VIII.C 410 Decision Point III	Vicki Karandrikas	<p>313(A)(1)(c) iv. If Project Developer fails to produce all required Site Control evidence in accordance with the Site Control rules set forth in Tariff, Part VII, Subpart A, section 302,</p>	<p>313(A)(1)(c) iv. If Project Developer fails to produce all required Site Control evidence in accordance with the Site Control rules set forth in Tariff, Part VII, Subpart A, section 302, and in accordance with</p>	Changes made to clarify this provision by removing reference to “Eligible Customer.” An Eligible Customer is not subject to Site Control requirements which only apply to Project

			<p>and in accordance with Tariff, Part VII, Subpart D, section 313(A)(1)(c)(i), (ii) and (iii) above, then Project Developer or Eligible Customer must provide evidence acceptable to Transmission Provider demonstrating that Project Developer or Eligible Customer is in negotiations with appropriate entities to meet the Site Control rules set forth in Tariff, Part VII, Subpart A, section 302, and in accordance with Tariff, Part VII, Subpart D, section 313(A)(1)(c)(i), (ii) and (iii) above.</p> <p>410(A)(1)(c) iv. If Project Developer or Eligible Customer fails to produce all required Site Control evidence in accordance with the Site Control rules set forth in Tariff, Part VIII, Subpart, section 402, and in accordance with Tariff, Part VIII, Subpart C, section 410(A)(1)(c)(i), (ii) and (iii) above, then Project Developer or Eligible Customer must provide evidence acceptable to Transmission Provider demonstrating that Project Developer or Eligible Customer is in negotiations with appropriate entities to meet the Site Control rules set forth in Tariff, Part VIII, Subpart A, section 402 and in accordance with Tariff, Part VIII, Subpart C, section 410(A)(1)(c)(i), (ii) and (iii) above.</p>	<p>Tariff, Part VII, Subpart D, section 313(A)(1)(c)(i), (ii) and (iii) above, then Project Developer or Eligible Customer must provide evidence acceptable to Transmission Provider demonstrating that Project Developer or Eligible Customer is in negotiations with appropriate entities to meet the Site Control rules set forth in Tariff, Part VII, Subpart A, section 302, and in accordance with Tariff, Part VII, Subpart D, section 313(A)(1)(c)(i), (ii) and (iii) above.</p> <p>410(A)(1)(c) iv. If Project Developer or Eligible Customer fails to produce all required Site Control evidence in accordance with the Site Control rules set forth in Tariff, Part VIII, Subpart, section 402, and in accordance with Tariff, Part VIII, Subpart C, section 410(A)(1)(c)(i), (ii) and (iii) above, then Project Developer or Eligible Customer must provide evidence acceptable to Transmission Provider demonstrating that Project Developer or Eligible Customer is in negotiations with appropriate entities to meet the Site Control rules set forth in Tariff, Part VIII, Subpart A, section 402 and in accordance with Tariff, Part VIII, Subpart C, section 410(A)(1)(c)(i), (ii) and (iii) above.</p>	<p>Developers as stated in this section and consistent with the definition of Site Control.</p>
36.	OATT Part IX.A – ASA	Vicki Karandrikas	<p>1. This Application and Studies Agreement (“Application” or “Agreement”), dated _____, is entered into by and between _____ (Project Developer or Eligible Customer, hereafter “Applicant”) and PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”) (individually a “Party” and together the “Parties”) pursuant to PJM Interconnection, L.L.C. Open Access Transmission Tariff (“Tariff”), Part VIII, Subpart B. Capitalized terms used in this Application, unless otherwise indicated, shall have the meanings ascribed to them in Tariff, Part VIII, Subpart A, section 400.</p>	<p>1. This Application and Studies Agreement (“Application” or “Agreement”), dated _____, is entered into by and between _____ (Project Developer or Eligible Customer, hereafter “Applicant”) and PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”) (individually a “Party” and together the “Parties”) pursuant to PJM Interconnection, L.L.C. Open Access Transmission Tariff (“Tariff”), Part VII, Subpart C or Part VIII, Subpart B. Capitalized terms used in this Application, unless otherwise indicated, shall have the meanings ascribed to them in Tariff, Part VII, Subpart A, section 300 or Part VIII, Subpart A, section 400.</p>	<p>The Application and Studies Agreement applies to New Service Requests submitted under both Tariff, Part VII and Part VIII. Changes made to add references to Tariff, Part VII that were mistakenly omitted from the Docket No. ER22-2110 interconnection process reform filing.</p>

		<p>2. Prior to the Application Deadline, Applicant must electronically provide to Transmission Provider through the PJM website or OASIS, as applicable, all applicable information identified below, which is then subject to validation during the Application Phase as set forth in Tariff, Part VIII, Subparts B and C and the PJM Manuals. Only valid New Service Requests will proceed past the Application Phase.</p> <p>b. Generating Facility Site Control:</p> <p>In accordance with Tariff, Part VIII, Subpart B, section 402, provide evidence of an ownership interest in, or right to acquire or control through a deed, lease, or option for at least a one-year term beginning from the Application Deadline, 100 percent of the Site for the Generating Facility, including the location of the high-voltage side of the Generating Facility's main power transformer(s). In addition, provide a certification, executed by an officer or authorized representative of Applicant, verifying that the Site Control requirement is met. Further at PJM's request, Applicant shall provide copies of landowner attestations or county recordings.</p> <p>c. Will the Generating Facility physically connect to distribution or sub-transmission facilities currently not subject to the jurisdiction of the Federal Energy Regulatory Commission (FERC), for the purpose of injecting energy at the POI and engaging in FERC-jurisdictional Wholesale Transactions, as described in Tariff, Part VIII, Subpart F? (Y/N)</p> <p>13. I. For a Behind the Meter Generating Facility, provide the following information (note that all of the provisions in Tariff, Part VIII, Subpart E, section 415 apply):</p>	<p>2. Prior to the Application Deadline, Applicant must electronically provide to Transmission Provider through the PJM website or OASIS, as applicable, all applicable information identified below, which is then subject to validation during the Application Phase as set forth in Tariff, Part VII, Subpart C or Tariff, Part VIII, Subpart B, and in the PJM Manuals. Only valid New Service Requests will proceed past the Application Phase.</p> <p>b. Generating Facility Site Control:</p> <p>In accordance with Tariff, Part VII, Subpart A, section 302 or Part VIII, Subpart BA, section 402, provide evidence of an ownership interest in, or right to acquire or control through a deed, lease, or option for at least a one-year term beginning from the Application Deadline, 100 percent of the Site for the Generating Facility, including the location of the high-voltage side of the Generating Facility's main power transformer(s). In addition, provide a certification, executed by an officer or authorized representative of Applicant, verifying that the Site Control requirement is met. Further at PJM's request, Applicant shall provide copies of landowner attestations or county recordings.</p> <p>c. Will the Generating Facility physically connect to distribution or sub-transmission facilities currently not subject to the jurisdiction of the Federal Energy Regulatory Commission (FERC), for the purpose of injecting energy at the POI and engaging in FERC-jurisdictional Wholesale Transactions, as described in Tariff, Part VII, Subpart F or Tariff, Part VIII, Subpart F? (Y/N)</p> <p>13. I. For a Behind the Meter Generating Facility, provide the following information (note that all of the provisions in Tariff, Part VII, Subpart E, section 317 or Tariff, Part VIII, Subpart E, section 415 apply):</p> <p>16. SCOPE OF WORK AND STUDY DEPOSIT: PJM will perform a Phase I System Impact Study to determine if the PJM network has sufficient capability to grant Applicant's request for</p>	
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		<p>16. SCOPE OF WORK AND STUDY DEPOSIT: PJM will perform a Phase I System Impact Study to determine if the PJM network has sufficient capability to grant Applicant's request for long-term firm transmission service, based on expected system conditions and topology. The required cash Study Deposit for the Phase I System Impact Study, as described in Tariff, Part VIII, Subpart B, section 403(A), is due prior to the Application Deadline.</p> <p>20. Site Control: In accordance with Tariff, Part VIII, Subpart A, section 402, provide evidence of an ownership interest in, or right to acquire or control through a deed, lease, or option for at least a one-year term beginning from the Application Deadline, 100 percent of the Site for Applicant's major equipment (e.g., converter station). In addition, provide a certification, executed by an officer or authorized representative of Applicant, verifying that the Site Control requirement is met. Further at PJM's request, Applicant shall provide copies of landowner attestations or county recordings.</p> <p>22. Consistent with Tariff, Part VIII, Subparts C and D, the Phase I System Impact Study begins at the end of the 90-day Application Review Phase, and runs for 120 days followed by a 30-day Decision Point I period for withdrawal or modification. If no withdrawal, the Phase II System Impact Study begins at the end of the Decision Point I period and runs for 180 days followed by a 30-day Decision Point II period for withdrawal or modification. If no withdrawal, the Phase III System Impact Study begins at the end of the Decision Point II period and runs for 180 days followed by release of the Phase III System Impact Study report and the start of final agreement negotiations. If a phase or period does not end on a Business Day, the phase or period shall be extended to end on the next Business Day.</p>	<p>long-term firm transmission service, based on expected system conditions and topology. The required cash Study Deposit for the Phase I System Impact Study, as described in Tariff, Part VII, Subpart B, section 306(A) or Tariff, Part VIII, Subpart B, section 403(A), is due prior to the Application Deadline.</p> <p>20. Site Control: In accordance with Tariff, Part VII, Subpart A, section 302 or Part VIII, Subpart A, section 402, provide evidence of an ownership interest in, or right to acquire or control through a deed, lease, or option for at least a one-year term beginning from the Application Deadline, 100 percent of the Site for Applicant's major equipment (e.g., converter station). In addition, provide a certification, executed by an officer or authorized representative of Applicant, verifying that the Site Control requirement is met. Further at PJM's request, Applicant shall provide copies of landowner attestations or county recordings.</p> <p>22. Consistent with Tariff, Part VII, Subpart C or Tariff, Part VIII, Subparts C and D, the Phase I System Impact Study begins at the end of the 90-day Application Review Phase, and runs for 120 days followed by a 30-day Decision Point I period for withdrawal or modification. If no withdrawal, the Phase II System Impact Study begins at the end of the Decision Point I period and runs for 180 days followed by a 30-day Decision Point II period for withdrawal or modification. If no withdrawal, the Phase III System Impact Study begins at the end of the Decision Point II period and runs for 180 days followed by release of the Phase III System Impact Study report and the start of final agreement negotiations. If a phase or period does not end on a Business Day, the phase or period shall be extended to end on the next Business Day.</p> <p>25. Consistent with Tariff, Part VII, Subpart G or Tariff, Part VIII, Subpart G, Transmission Provider will coordinate with Affected System Operators the conduct of studies required to determine the impact of a New Service Request on any Affected System, and will include those results in the Phase II System Impact Study if available from the Affected System. Applicant will cooperate with</p>	
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			<p>25. Consistent with Tariff, Part VIII, Subpart G, Transmission Provider will coordinate with Affected System Operators the conduct of studies required to determine the impact of a New Service Request on any Affected System, and will include those results in the Phase II System Impact Study if available from the Affected System. Applicant will cooperate with Transmission Provider in all matters related to the conduct of studies by Affected System Operators and the determination of modifications to Affected Systems needed to accommodate Applicant's New Service Request.</p> <p>26. Applicant agrees to provide all information requested by Transmission Provider necessary to complete and review this Application. Subject to this section 6, and to the extent required by Tariff, Part VIII, Subpart E, section 425, information provided pursuant to this Application shall be and remain confidential.</p> <p>27. Upon completion of each System Impact Study for a New Service Request, the corresponding reports will be listed on Transmission Provider's website and, to the extent required by Tariff, Part VIII, Subpart E, section 425 or Commission regulations, will be made publicly available. Applicant acknowledges and consents to such disclosures as may be required under Tariff, Part VIII, Subpart E, section 425 or Commission regulations.</p> <p>28. Applicant acknowledges that, consistent with the confidentiality provisions of Tariff, Part VIII, Subpart E, section 425, Transmission Provider may contract with consultants, including Transmission Owners, to provide services or expertise in the study process, and Transmission Provider may disseminate information as</p>	<p>Transmission Provider in all matters related to the conduct of studies by Affected System Operators and the determination of modifications to Affected Systems needed to accommodate Applicant's New Service Request.</p> <p>26. Applicant agrees to provide all information requested by Transmission Provider necessary to complete and review this Application. Subject to this section 6, and to the extent required by Tariff Part VII, Subpart E, section 327 or Tariff, Part VIII, Subpart E, section 425, information provided pursuant to this Application shall be and remain confidential.</p> <p>27. Upon completion of each System Impact Study for a New Service Request, the corresponding reports will be listed on Transmission Provider's website and, to the extent required by Tariff, Part VII, Subpart E, section 327 or Tariff, Part VIII, Subpart E, section 425 or Commission regulations, will be made publicly available. Applicant acknowledges and consents to such disclosures as may be required under Tariff, Part VIII, Subpart E, section 425 or Commission regulations.</p> <p>28. Applicant acknowledges that, consistent with the confidentiality provisions of Tariff, Part VII, Subpart E, section 327 or Tariff, Part VIII, Subpart E, section 425, Transmission Provider may contract with consultants, including Transmission Owners, to provide services or expertise in the study process, and Transmission Provider may disseminate information as necessary to those consultants, and rely upon them to conduct part or all of the System Impact Studies.</p> <p>37. This Agreement shall become effective on the date it is executed by both Parties and shall remain in effect until the earlier of (a) the date on which Applicant enters into a final Service Agreement with PJM (and Transmission Owner as applicable) in accordance with Tariff, Part VII, Subpart D or Tariff, Part VIII, Subpart D or (b) termination or withdrawal of this Application.</p>	
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			<p>necessary to those consultants, and rely upon them to conduct part or all of the System Impact Studies.</p> <p>37. This Agreement shall become effective on the date it is executed by both Parties and shall remain in effect until the earlier of (a) the date on which Applicant enters into a final Service Agreement with PJM (and Transmission Owner as applicable) in accordance with Tariff, Part VIII, Subpart D or (b) termination or withdrawal of this Application.</p>		
37.	OATT Part IX.B, GIA Specs	Vicki Karandrikas	<p>4.0 Subject to modification pursuant to the Negotiated Contract Option and/or the Option to Build, Project Developer shall be subject to the estimated charges detailed below, which shall be billed and paid in accordance with Appendix 2, section 11 of this GIA and Schedule L, section 9.0 {instruction - to be included if there is an additional Transmission Owner that has a separate CSA [and in Appendix 2, section 3.2.3.2 of the Construction Service Agreement with [insert Transmission Owner name].]} {Instruction - to be included if there is a Network Upgrade Cost Responsibility Agreement [and in [insert reference to NUCRA provisions]]} 4.1 Transmission Owner Interconnection Facilities Charge: \$ _____ [Optional: Provide Charge and Identify Transmission Owner] 4.2 Network Upgrades Charge: \$ _____ [Optional: Provide Breakdown of Charge Based on Transmission Owner responsibilities and costs subject to the Network Upgrade Cost Responsibility Agreement]</p>	<p>4.0 Subject to modification pursuant to the Negotiated Contract Option and/or the Option to Build, Project Developer shall be subject to the estimated charges detailed below, which shall be billed and paid in accordance with Appendix 2, section 11 of this GIA and Schedule L, section 9.0 {instruction - to be included if there is an additional Transmission Owner that has a separate CSA [and in Appendix 2, section 3.2.3.2 of the Construction Service Agreement with [insert Transmission Owner name].]} {Instruction - to be included if there is a Network Upgrade Cost Responsibility Agreement [and in [insert reference to NUCRA provisions]]} 4.1 Transmission Owner Interconnection Facilities Charge: \$ _____ [Optional: Provide Charge and Identify Transmission Owner] 4.2 Network Upgrades Charge: \$ _____ [Optional: Provide Breakdown of Charge Based on Transmission Owner responsibilities and costs subject to the Network Upgrade Cost Responsibility Agreement] 4.3 <u>Option to Build Charges \$ _____</u> <u>[Optional: Provide Breakdown of Charge Based on Transmission Owner responsibilities]</u></p>	<p>Changes made to clarify cost breakdown and that Option to Build charges are different from "Other Charges." The first set of revisions- adding a line item for Option to Build Charges - does not change the total amount charges under a GIA, but provides a more detailed breakdown of those charges. This change is also consistent with Specifications, section 4.4 of PJM's pro forma Interconnection Service Agreement, which allows for a breakdown of Option of Build charges.</p> <p>The security breakdown was also modified to state that the Estimated Cost Breakdown in former Specifications, section 4.6 (now Specifications, section 4.7) includes Transmission Owner Interconnection Facilities; these costs were mistakenly omitted before. The line numbers in this section were also renumbered to reflect the foregoing changes.</p>

		<p>4.3 Distribution Upgrades Charge: \$ _____</p> <p>[Optional: Provide Breakdown of Charge Based on Transmission Owner responsibilities]</p> <p>4.4 Other Charges: \$ _____</p> <p>[Optional: Provide Breakdown of Charge Based on Transmission Owner responsibilities]</p> <p>4.5 Cost breakdown:</p> <p>\$Direct Labor \$Direct Material \$Indirect Labor \$Indirect Material [Additional items for breakdown as necessary]</p> <p>\$Total</p> <p>4.6 Security Amount Breakdown:</p> <p>\$ Estimated Cost of Network Upgrades, Distribution Upgrades, and Other Charges</p> <p>Plus \$ Option to Build Security for Transmission Owner Interconnection Facilities and Stand Alone Network Upgrades (including Cancellation Costs)</p> <p>\$ Sum of Security required for costs listed in Specifications sections 4.1 through 4.4 of this GIA</p> <p>Less \$ Portion of Costs already paid by Project Developer</p> <p>\$ Net Security {Instructions: if the resultant is negative, use: reduction with this GIA; if the resultant is zero or</p>	<p><u>4.4</u> Distribution Upgrades Charge: \$ _____</p> <p>[Optional: Provide Breakdown of Charge Based on Transmission Owner responsibilities]</p> <p><u>4.54</u> Other Charges: \$ _____</p> <p>[Optional: Provide Breakdown of Charge Based on Transmission Owner responsibilities]</p> <p><u>4.65</u> Cost breakdown:</p> <p>\$Direct Labor \$Direct Material \$Indirect Labor \$Indirect Material [Additional items for breakdown as necessary]</p> <p>\$Total</p> <p><u>4.76</u> Security Amount Breakdown:</p> <p>\$ Estimated Cost of Network Upgrades, Distribution Upgrades, <u>Transmission Owner Interconnection Facilities</u>, and Other Charges</p> <p>Plus \$ Option to Build Security for Transmission Owner Interconnection Facilities and Stand Alone Network Upgrades (including Cancellation Costs)</p> <p>\$ Sum of Security required for costs listed in Specifications sections 4.1 through <u>4.54</u> of this GIA</p> <p>Less \$ Portion of Costs already paid by Project Developer</p> <p>\$ Net Security {Instructions: if the resultant is negative, use: reduction with this GIA; if the resultant is zero or positive use:</p>	
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			positive use: amount required} {Instructions: this value should be in section 5.0 of this GIA}	amount required} {Instructions: this value should be in section 5.0 of this GIA}	
38.	OATT Part IX.D - E&P	Vicki Karandrikas	4.0 (a) In accord with the GIP, Project Developer, on or before the effective date of this E&P Agreement, shall provide Transmission Provider (for the benefit of the Transmission Owner) with a letter of credit from an agreed provider or other form of security reasonably acceptable to Transmission Provider in the amount of \$ _____, which amount equals the estimated costs, determined in accordance with the GIP, of the engineering and procurement activities described in section 2.0 of the Attached Specifications. Should Project Developer fail to provide such security in the amount or form required, this E&P Agreement shall be terminated. Project Developer acknowledges (1) that it will be responsible for the actual costs of the facilities described in the Specifications, whether greater or lesser than the amount of the payment security provided under this section, and (2) that the payment security under this section does not include any additional amounts that it will owe in the event that it executes a final Generator Interconnection Agreement, as described in section 7.0(a) below.	4.0 (a) In accord with the GIP, Project Developer, on or before the effective date of this E&P Agreement, shall provide Transmission Provider (for the benefit of the Transmission Owner) with a letter of credit from an agreed provider or other form of security reasonably acceptable to Transmission Provider in the amount of \$ _____, which amount equals the estimated costs, determined in accordance with the GIP, of the engineering and procurement activities described in section 2.0 of the Attached Specifications. Should Project Developer fail to provide such security in the amount or form required, this E&P Agreement shall be terminated. Project Developer acknowledges (1) that it will be responsible for the actual costs of the facilities described in the Specifications, whether greater or lesser than the amount of the payment security provided under this section, and (2) that the payment security under this section does not include any additional amounts that it will owe in the event that it executes a final Generator Interconnection Agreement, as described in section 7.0(a) below.	Revisions made to clarify date by which Security is due. This information was mistakenly omitted from the pro forma Engineering and Procurement Agreement in the Docket No. ER22-2110 interconnection process reform filing, and the change is consistent with section 5.0 of the pro forma GIA.
39.	OA, Schedule 6, section 1.5.6	Vicki Karandrikas	(k) The recommended plan shall include proposed Merchant Transmission Facilities within the PJM Region and any other enhancement or expansion of the Transmission System requested by any participant which the Office of the Interconnection finds to be compatible with the Transmission System, though not required pursuant to the Operating Agreement, Schedule 6, section 1.1, provided that (1) the requestor has complied, to the extent applicable, with the procedures and other requirements of the Tariff, Parts IV and VI; (2) the proposed enhancement or expansion is consistent with applicable reliability standards, operating criteria and the	(k) The recommended plan shall include proposed Merchant Transmission Facilities within the PJM Region and any other enhancement or expansion of the Transmission System requested by any participant which the Office of the Interconnection finds to be compatible with the Transmission System, though not required pursuant to the Operating Agreement, Schedule 6, section 1.5.6-4.4, or Tariff Parts VII or VIII, provided that (1) the requestor has complied, to the extent applicable, with the procedures and other requirements of the Tariff, Parts IV and VI, or Tariff, Parts VII or VIII, as applicable; (2) the proposed enhancement or expansion is consistent with applicable reliability standards, operating criteria and the purposes and objectives of the regional planning protocol;	Changes to correct cross-reference and clarify that a requested enhancement or expansion, may be subject to Tariff, Parts VII or VIII.

		<p>purposes and objectives of the regional planning protocol; (3) the requestor shall be responsible for all costs of such enhancement or expansion (including, but not necessarily limited to, costs of siting, designing, financing, constructing, operating and maintaining the pertinent facilities), and (4) except as otherwise provided by the Tariff, Parts IV and VI with respect to Merchant Network Upgrades, the requestor shall accept responsibility for ownership, construction, operation and maintenance of the enhancement or expansion through an undertaking satisfactory to the Office of the Interconnection.</p> <p>(l) For each enhancement or expansion that is included in the recommended plan, the plan shall consider, based on the planning analysis: other input from participants, including any indications of a willingness to bear cost responsibility for such enhancement or expansion; and, when applicable, relevant projects being undertaken to ensure the simultaneous feasibility of Stage 1A ARRs, to facilitate Incremental ARRs pursuant to the provisions of the Operating Agreement, Schedule 1, section 7.8, or to facilitate upgrades pursuant to the Tariff, Parts II, III, or VI, and designate one or more Transmission Owners or other entities to construct, own and, unless otherwise provided, finance the recommended transmission enhancement or expansion. Any designation under this paragraph of one or more entities to construct, own and/or finance a recommended transmission enhancement or expansion shall also include a designation of partial responsibility among them. Nothing herein shall prevent any Transmission Owner or other entity designated to construct, own and/or finance a recommended transmission enhancement or expansion from agreeing to undertake its responsibilities under such</p>	<p>(3) the requestor shall be responsible for all costs of such enhancement or expansion (including, but not necessarily limited to, costs of siting, designing, financing, constructing, operating and maintaining the pertinent facilities), and (4) except as otherwise provided by the Tariff, Parts IV and VI, <u>or Tariff, Parts VII or VIII, as applicable</u> with respect to Merchant Network Upgrades, the requestor shall accept responsibility for ownership, construction, operation and maintenance of the enhancement or expansion through an undertaking satisfactory to the Office of the Interconnection.</p> <p>(l) For each enhancement or expansion that is included in the recommended plan, the plan shall consider, based on the planning analysis: other input from participants, including any indications of a willingness to bear cost responsibility for such enhancement or expansion; and, when applicable, relevant projects being undertaken to ensure the simultaneous feasibility of Stage 1A ARRs, to facilitate Incremental ARRs pursuant to the provisions of the Operating Agreement, Schedule 1, section 7.8, or to facilitate upgrades pursuant to the Tariff, Parts II, III, or VI, <u>or Tariff, Parts VII or VIII, as applicable</u> and designate one or more Transmission Owners or other entities to construct, own and, unless otherwise provided, finance the recommended transmission enhancement or expansion. Any designation under this paragraph of one or more entities to construct, own and/or finance a recommended transmission enhancement or expansion shall also include a designation of partial responsibility among them. Nothing herein shall prevent any Transmission Owner or other entity designated to construct, own and/or finance a recommended transmission enhancement or expansion from agreeing to undertake its responsibilities under such designation jointly with other Transmission Owners or other entities.</p>	
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			designation jointly with other Transmission Owners or other entities.		
40.	OATT Part IX.D – E&P	Vicki Karandrikas	<p>(Project Identifier #___)</p> <p>ENGINEERING AND PROCUREMENT AGREEMENT By and Among PJM INTERCONNECTION, L.L.C. And _____</p> <p>And _____</p> <p>Service Agreement No. []</p> <p>ENGINEERING AND PROCUREMENT AGREEMENT By and Among PJM Interconnection, L.L.C. And _____</p> <p>And _____</p> <p>(Project Identifier #___)</p>	<p>(Project Identifier #___)</p> <p>ENGINEERING AND PROCUREMENT AGREEMENT By and Among PJM INTERCONNECTION, L.L.C. And _____</p> <p>And _____</p> <p>Service Agreement No. []</p> <p>ENGINEERING AND PROCUREMENT AGREEMENT By and Among PJM Interconnection, L.L.C. And _____</p> <p>And _____</p> <p>(Project Identifier #___)</p>	Correcting error in title.
41.	OATT 300 Definitions A OATT 400 Definitions A	Vicki Karandrikas	<p>Affected System Study Agreement</p> <p>“Affected System Study Agreement” shall mean the agreement set forth in Tariff, Part IX, Subpart N.</p>	<p>Affected System <u>Customer Facilities Study Application and Agreement</u></p> <p>“Affected System <u>Customer Facilities Study Application and Agreement</u>” shall mean the agreement set forth in Tariff, Part IX, Subpart <u>N</u>, <u>Affected System Customer Facilities Study Application and Agreement</u>.</p>	Correcting agreement name.

42.	OATT Part VII.G 336	Vicki Karandrikas	<p>(B)(1) An Affected System Customer responsible for an Affected System Facility that requires Network Upgrades to Transmission Provider's Transmission System must contact Transmission Provider as set forth in the PJM Manuals. Upon contact by the Affected System Customer, Transmission Provider will provide Affected System Customer with an Affected System Customer Facility Study Agreement (a form of which is found in Tariff, Part IX). The Affected System Customer must electronically sign Affected System Customer Facility Study Agreement, and concurrently provide the required Study Deposit, by wire transfer, of \$100,000.</p> <p>b. Transmission Provider shall not start the review of the Affected System Customer Facility Study Agreement until such agreement is complete and the required Study Deposit is received by the Transmission Provider.</p> <p>ii. If Transmission Provider sends Affected System Customer notification of additional study costs, then Affected System Customer must either: (i) pay all additional study costs within 20 Business Days of Transmission Provider sending the notification of such additional study costs or (ii) withdraw its Affected System Customer Facility Study Agreement. If Affected System Customer fails to complete either (i) or (ii), then Transmission Provider shall deem the Affected System Customer Facility Study Agreement to be terminated and withdrawn.</p>	<p>(B)(1) An Affected System Customer responsible for an Affected System Facility that requires Network Upgrades to Transmission Provider's Transmission System must contact Transmission Provider as set forth in the PJM Manuals. Upon contact by the Affected System Customer, Transmission Provider will provide Affected System Customer with an Affected System Customer Facility Study Agreement <u>Affected System Customer Facilities Study Application and Agreement</u> (a form of which is found in Tariff, Part IX). The Affected System Customer must electronically sign <u>Affected System Customer Facilities Study Application and Agreement</u> Affected System Customer Facility Study Agreement, and concurrently provide the required Study Deposit, by wire transfer, of \$100,000.</p> <p>b. Transmission Provider shall not start the review of the <u>Affected System Customer Facilities Study Application and Agreement</u> Affected System Customer Facility Study Agreement until such agreement is complete and the required Study Deposit is received by the Transmission Provider.</p> <p>ii. If Transmission Provider sends Affected System Customer notification of additional study costs, then Affected System Customer must either: (i) pay all additional study costs within 20 Business Days of Transmission Provider sending the notification of such additional study costs or (ii) withdraw its <u>Affected System Customer Facilities Study Application and Agreement</u> Affected System Customer Facility Study Agreement. If Affected System Customer fails to complete either (i) or (ii), then Transmission Provider shall deem the <u>Affected System Customer Facilities Study Application and Agreement</u> Affected System Customer Facility Study Agreement to be terminated and withdrawn.</p>	Correcting agreement name.
43.	OATT Part VIII.G 434	Vicki Karandrikas	<p>(B)(1) An Affected System Customer responsible for an Affected System Facility that requires Network Upgrades to Transmission Provider's Transmission System must</p>	<p>(B)(1) An Affected System Customer responsible for an Affected System Facility that requires Network Upgrades to Transmission Provider's Transmission System must contact Transmission Provider as set</p>	Correcting agreement name.

			<p>contact Transmission Provider as set forth in the PJM Manuals. Upon contact by the Affected System Customer, Transmission Provider will provide Affected System Customer with an Affected System Customer Facility Study Agreement (a form of which is found in Tariff, Part IX). The Affected System Customer must electronically sign Affected System Customer Facility Study Agreement, and concurrently provide the required Study Deposit, by wire transfer, of \$100,000.</p> <p>b. Transmission Provider shall not start the review of the Affected System Customer Facility Study Agreement until such agreement is complete and the required Study Deposit is received by the Transmission Provider.</p> <p>(c) ii. If Transmission Provider sends Affected System Customer notification of additional study costs, then Affected System Customer must either: (i) pay all additional study costs within 20 Business Days of Transmission Provider sending the notification of such additional study costs or (ii) withdraw its Affected System Customer Facility Study Agreement. If Affected System Customer fails to complete either (i) or (ii), then Transmission Provider shall deem the Affected System Customer Facility Study Agreement to be terminated and withdrawn.</p>	<p>forth in the PJM Manuals. Upon contact by the Affected System Customer, Transmission Provider will provide Affected System Customer with an <u>Affected System Customer Facilities Study Application and Agreement-Affected System Customer Facility Study Agreement</u> (a form of which is found in Tariff, Part IX). The Affected System Customer must electronically sign <u>Affected System Customer Facilities Study Application and Agreement-Affected System Customer Facility Study Agreement</u>, and concurrently provide the required Study Deposit, by wire transfer, of \$100,000.</p> <p>b. Transmission Provider shall not start the review of the <u>Affected System Customer Facilities Study Application and Agreement-Affected System Customer Facility Study Agreement</u> until such agreement is complete and the required Study Deposit is received by the Transmission Provider.</p> <p>(c) ii. If Transmission Provider sends Affected System Customer notification of additional study costs, then Affected System Customer must either: (i) pay all additional study costs within 20 Business Days of Transmission Provider sending the notification of such additional study costs or (ii) withdraw its <u>Affected System Customer Facilities Study Application and Agreement-Affected System Customer Facility Study Agreement</u>. If Affected System Customer fails to complete either (i) or (ii), then Transmission Provider shall deem the <u>Affected System Customer Facilities Study Application and Agreement-Affected System Customer Facility Study Agreement</u> to be terminated and withdrawn.</p>	
44.	OATT Part IX.I	Vicki Karandrikas	<p>Tariff, Part IX, Subpart I</p> <p>FORM OF SURPLUS INTERCONNECTION SERVICE STUDY AGREEMENT</p>	<p>Tariff, Part IX, Subpart I</p> <p>FORM OF SURPLUS INTERCONNECTION SERVICE STUDY AGREEMENT</p>	Change to correct name of agreement.

45.	OATT 300 Definitions – S OATT 400 Definitions - S	Vicki Karandrikas		<u>“Surplus Interconnection Study Agreement” shall mean the form of the Surplus Interconnection Study Agreement set forth in Tariff, Part IX, Subpart I.</u>	Definition of Surplus Interconnection Study added to reflect the addition of the pro forma Surplus Interconnect Study Agreement that is now part of Tariff, Part IX. This definition simply references the applicable form of agreement under Part IX of the FERC-approved Tariff entitled, “Form of Surplus Interconnection Study Agreement.”
46.	OATT Part VII.H, 337 – Upgrade Requests OATT Part VIII.H 435 – Upgrade Requests	Vicki Karandrikas	G(1)a. If an Upgrade Request is withdrawn during the Final Agreement Negotiation Phase, the Transmission Provider shall remove the Upgrade Request from the Cycle, and adjust the Security obligations of other Upgrade Requests based on the withdrawal.	G(1)a. If an Upgrade Request is withdrawn during the Final Agreement Negotiation Phase, the Transmission Provider shall remove the Upgrade Request from the <u>upgrade study process Cycle</u> , and adjust the Security obligations of other Upgrade Requests based on the withdrawal.	Change made because under Tariff, Parts VII and VIII, Upgrade Requests are not part of the Cycle process. Upgrades Requests are subject to a separate serial process outlined in Tariff Part VII section 337 and Part VIII section 435, and thus the use of the word “Cycle” is incorrect.
47.	OATT Part IX.B – GIA	Vicki Karandrikas	1.0 Parties. This Generation Interconnection Agreement (“GIA”) including the Specifications, Schedules and Appendices attached hereto and incorporated herein, is entered into by and between PJM Interconnection, L.L.C., the Regional Transmission Organization for the PJM Region (hereinafter “Transmission Provider” or “PJM”), _____ (“Project Developer” [OPTIONAL: or “[short name]”]) and _____ (“Transmission Owner” [OPTIONAL: or “[short name]”]). All capitalized terms herein shall have the meanings set forth in the appended definitions of such terms as stated in Part I of the PJM Open Access Transmission Tariff (“Tariff”). [Use as/when applicable: This GIA supersedes the _____ {insert details to identify the agreement being superseded, the effective date of the agreement, the service agreement number designation, and the FERC docket number, if applicable, for the agreement being superseded.}]. [Use as/when applicable: Pursuant to the terms of an Agreement to Amend signed by all Parties effective	1.0 Parties. This Generation Interconnection Agreement (“GIA”) including the Specifications, Schedules and Appendices attached hereto and incorporated herein, is entered into by and between PJM Interconnection, L.L.C., the Regional Transmission Organization for the PJM Region (hereinafter “Transmission Provider” or “PJM”), _____ (“Project Developer” [OPTIONAL: or “[short name]”]) and _____ (“Transmission Owner” [OPTIONAL: or “[short name]”]). All capitalized terms herein shall have the meanings set forth in the appended definitions of such terms as stated in Part I of the PJM Open Access Transmission Tariff (“Tariff”). [Use as/when applicable: This GIA supersedes the _____ {insert details to identify the agreement being superseded, the effective date of the agreement, the service agreement number designation, and the FERC docket number, if applicable, for the agreement being superseded.}]. [Use as/when applicable: Pursuant to the terms of an Agreement to Amend signed by all Parties effective {INSERT DATE}, this GIA reflects amends the {ISA/GIA} entered into by {Party 1}, {Party 2}, and Transmission Provider effective {INSERT	Change made to delete extraneous word (reflects).

			{INSERT DATE}, this GIA reflects amends the {ISA/GIA} entered into by {Party 1}, {Party 2}, and Transmission Provider effective {INSERT DATE} and designated as Service Agreement No. {INSERT NUMBER}.	DATE} and designated as Service Agreement No. {INSERT NUMBER}.	
48.	OATT Part IX.B – GIA	Vicki Karandrikas	2.0 Authority. This GIA is entered into pursuant to the Generation Interconnection Procedures set forth in [instruction: {use Part VII if this is a transition period GIA subject to Tariff, Part VII} {use Part VIII if this a new rules GIA subject to Part VIII}] of the Tariff. Project Developer has requested a Generation Interconnection Agreement under the Tariff, and Transmission Provider has determined that Project Developer is eligible under the Tariff to obtain this GIA. The standard terms and conditions for interconnection as set forth in Appendix 2 to this GIA are hereby specifically incorporated as provisions of this GIA. Transmission Provider, Transmission Owner, and Project Developer agree to and assume all of the rights and obligations of the Transmission Provider, Transmission Owner, and Project Developer, respectively, as set forth in Appendix 2 to this GIA.	2.0 Authority. This GIA is entered into pursuant to the Generation Interconnection Procedures set forth in [instruction: {use Part VII if this is a transition period GIA subject to Tariff, Part VII} {use Part VIII if this a new rules GIA subject to Part VIII}] of the Tariff. Project Developer has requested a GIA Generation Interconnection Agreement under the Tariff, and Transmission Provider has determined that Project Developer is eligible under the Tariff to obtain this GIA. The standard terms and conditions for interconnection as set forth in Appendix 2 to this GIA are hereby specifically incorporated as provisions of this GIA. Transmission Provider, Transmission Owner, and Project Developer agree to and assume all of the rights and obligations of the Transmission Provider, Transmission Owner, and Project Developer, respectively, as set forth in Appendix 2 to this GIA.	Change made for internal consistency-GIA is defined as the short form for Generation Interconnection Agreement.
49.	OATT Part IX.B – GIA	Vicki Karandrikas	6.2.3 Project Developer shall provide evidence of 100 percent Site Control for the Generating Facility or Merchant Transmission Facility, Interconnection Facilities, and, if applicable, the Stand Alone Network Upgrades necessary to interconnect the project to the Transmission System consistent with GIP no later than six months after the effective date of this GIA. Notwithstanding any other provisions of this GIA, no extension of this milestone shall be granted and if the Project Developer fails to meet this milestone, its Interconnection Request and this Agreement shall be deemed terminated and withdrawn. Transmission Provider shall take all necessary steps to effectuate this	6.2.3 Project Developer shall provide evidence of 100 percent Site Control for the Generating Facility or Merchant Transmission Facility, Interconnection Facilities, and, if applicable, the Stand Alone Network Upgrades necessary to interconnect the project to the Transmission System consistent with GIP no later than six months after the effective date of this GIA. Notwithstanding any other provisions of this GIA, no extension of this milestone shall be granted and if the Project Developer fails to meet this milestone, its Interconnection Request and this Agreement shall be deemed terminated and withdrawn. Transmission Provider shall take all necessary steps to effectuate this submitting submitted the necessary filings with FERC.	Change made to correct grammatical error.

			termination, including submitted the necessary filings with FERC.		
50.	OA Definitions G-H	Vicki Karandrikas	<p>Generation Resource Maximum Output:</p> <p>“Generation Resource Maximum Output” shall mean, for Customer Facilities identified in an Interconnection Service Agreement or Wholesale Market Participation Agreement, the Generation Resource Maximum Output for a generating unit shall equal the unit’s pro rata share of the Maximum Facility Output, determined by the Economic Maximum values for the available units at the Customer Facility. For generating units not identified in an Interconnection Service Agreement or Wholesale Market Participation Agreement, the Generation Resource Maximum Output shall equal the generating unit’s Economic Maximum.</p>	<p>Generation Resource Maximum Output:</p> <p>“Generation Resource Maximum Output” shall mean, for Customer Facilities <u>or Generating Facilities, as applicable</u>, identified in an Interconnection Service Agreement, <u>Generation Interconnection Agreement</u>, or Wholesale Market Participation Agreement, the Generation Resource Maximum Output for a generating unit shall equal the unit’s pro rata share of the Maximum Facility Output, determined by the Economic Maximum values for the available units at the Customer Facility. For generating units not identified in an Interconnection Service Agreement, <u>Generation Interconnection Agreement</u>, or Wholesale Market Participation Agreement, the Generation Resource Maximum Output shall equal the generating unit’s Economic Maximum.</p>	<p>Changes made to reflect the terminology included in Tariffs, Part VII and VIII.</p> <p>Depending on whether the Interconnection Customer or Project Developer received an interconnection-related service agreement prior to, or on or after, the Transition Date, the subject generating facility will be referred to as the Customer Facility or Generating Facility, and the applicable form of agreement will be an Interconnection Service Agreement, Generation Interconnection Agreement, or Wholesale Market Participation Agreement.</p>
51.	OA, Schedule 1, 1.7.4(i)	Vicki Karandrikas	<p>(i) Consistent with Tariff, section 36.1.1, to the extent its generating facility is dispatchable, a Market Participant shall submit an Economic Minimum in the Real-time Energy Market that is no greater than the higher of its physical operating minimum or its Capacity Interconnection Rights, as that term is defined in the PJM Tariff, associated with such generating facility under its Interconnection Service Agreement under Attachment O of the PJM Tariff or a wholesale market participation agreement.</p>	<p>(i) Consistent with Tariff, section 36.1.1, to the extent its generating facility is dispatchable, a Market Participant shall submit an Economic Minimum in the Real-time Energy Market that is no greater than the higher of its physical operating minimum or its Capacity Interconnection Rights, as that term is defined in the PJM Tariff, associated with such generating facility under its Interconnection Service Agreement under Attachment O of the PJM Tariff, <u>Generation Interconnection Agreement under Part IX of the PJM Tariff, or a wholesale market participation agreement, Wholesale Market Participation Agreement under Part IX of the PJM Tariff, or functionally equivalent agreement.</u></p>	<p>Provisions updated to include the forms of interconnection agreements under Tariff, Part IX. Depending on whether the Interconnection Customer or Project Developer received an interconnection-related service agreement prior to, or on or after, the Transition Date, the applicable form of agreement will be an Interconnection Service Agreement under Tariff, Attachment O, or a Generation Interconnection Agreement or Wholesale Market Participation Agreement under Tariff, Part IX.</p>
52.	OA Schedule 6	Vicki Karandrikas	<p>1.5.7(i)(iv) Addition of Customer Facilities pursuant to an executed Interconnection Service Agreement or executed Interim Interconnection Service Agreement for which Interconnection Service Agreement is expected to be executed. Facilities with an executed Facilities Study</p>	<p>1.5.7(i)(iv) Addition of Customer Facilities <u>or Generating Facilities, as applicable</u>, pursuant to an executed Interconnection Service Agreement or executed Interim Interconnection Service Agreement for which Interconnection Service Agreement is expected to be executed, <u>or Generating Facilities pursuant to an executed</u></p>	<p>The first two set of changes were made to include references to the terminology and forms of agreement under Tariff, Parts VII, VIII and IX. Depending on whether the Interconnection Customer or Project Developer</p>

			<p>Agreement or suspended Interconnection Service Agreement may be included by the Office of the Interconnection after review with the Transmission Expansion Advisory Committee.</p>	<p><u>Generation Interconnection Agreement or executed Engineering and Procurement Agreement for which Generation Interconnection Agreement is expected to be executed.</u> Facilities with an executed Facilities Study Agreement or suspended Interconnection Service Agreement, <u>or that have an approved Decision Point II submission, under Tariff Part VII or VIII, as applicable,</u> may be included by the Office of the Interconnection after review with the Transmission Expansion Advisory Committee.</p>	<p>received an interconnection-related service agreement prior to, or on or after, the Transition Date, the generating facility will be referred to as the Customer Facility or the Generating Facility, and the applicable form of agreement will be an Interconnection Service Agreement, under Tariff, Attachment O, or an Interim Interconnection Service Agreement, under Tariff Attachment O-1, or a Generation Interconnection Agreement, or Engineering and Procurement Agreement, under Tariff, Part IX.</p> <p>The last change was made because while Tariff, Part VI uses separate study agreements for the different study phases, Tariff, Parts VII and VIII use a single study agreement that is executed at the start of a Cycle, as outlined in Tariff, Part VII, section 306(A)(5)(a) and Tariff, Part VIII, section 403(A)(5)(a). Having an approved Decision Point II submission is the comparable phase of the study process under Tariff Parts, VII and VIII as having an executed Facilities Study Agreement under Part VI.</p>
53.	OA Schedule 6	Vicki Karandrikas	<p>1.7.5(i)(vii) Expected levels of potential new generation and generation retirements over at least the ensuing fifteen years based on analyses that consider generation trends based on existing generation on the system, generation in the PJM interconnection queues and Capacity Resource Clearing Prices under the Tariff, Attachment DD. If the Office of the Interconnection finds that the PJM reserve requirement is not met in any of its future year market efficiency analyses then it will model Customer Facilities pursuant to an executed Facilities Study Agreement or suspended Interconnection Service Agreement, ranked by their commercial probability. Commercial probability utilizes historical data from the PJM interconnection queues to determine the likelihood</p>	<p>1.7.5(i)(vii): Expected levels of potential new generation and generation retirements over at least the ensuing fifteen years based on analyses that consider generation trends based on existing generation on the system, generation in the PJM interconnection queues <u>or Cycles as applicable</u> and Capacity Resource Clearing Prices under the Tariff, Attachment DD. If the Office of the Interconnection finds that the PJM reserve requirement is not met in any of its future year market efficiency analyses then it will model Customer Facilities <u>or Generating Facilities</u> pursuant to an executed Facilities Study Agreement, <u>approved Decision Point II submission under Tariff Part VII or VIII,</u> or suspended Interconnection Service Agreement, ranked by their commercial probability. Commercial probability utilizes historical data from the PJM interconnection queues <u>or Cycles as applicable</u></p>	<p>Changes were made throughout to include references to the terminology and forms of agreement under Tariff, Parts VII, VIII and IX. Depending on whether the Interconnection Customer or Project Developer received an interconnection-related service agreement prior to, or on or after, the Transition Date, it will be subject to prior interconnection queue process or the Tariff, Parts VII and VIII Cycle process, and the generating facility will be referred as the Customer Facility or the Generating Facility.</p>

			of a Customer Facility, pursuant to an executed Facilities Study Agreement or suspended Interconnection Service Agreement, reaching commercial operation. If the Office of the Interconnection finds that the PJM reserve requirement is not met in any of its future year market efficiency analyses, following inclusion of the Customer Facilities discussed above in this section 1.5.7(i)(vii), then it will model adequate future generation based on type and location of generation in existing PJM interconnection queues and, if necessary, add transmission enhancements to address congestion that arises from such modelin	to determine the likelihood of a Customer Facility <u>or Generating Facility</u> , pursuant to an executed Facilities Study Agreement, <u>approved Decision Point II submission under Tariff Part VII or VIII</u> , or suspended Interconnection Service Agreement, reaching commercial operation. If the Office of the Interconnection finds that the PJM reserve requirement is not met in any of its future year market efficiency analyses, following inclusion of the Customer Facilities <u>or Generating Facilities</u> discussed above in this section 1.5.7(i)(vii), then it will model adequate future generation based on type and location of generation in existing PJM interconnection queues <u>or Cycles as applicable</u> and, if necessary, add transmission enhancements to address congestion that arises from such modeling.	Additional changes were made because while Tariff, Part VI uses separate study agreements for the different study phases, Tariff, Parts VII and VIII use a single study agreement that is executed at the start of a Cycle, as outlined in Tariff, Part VII, section 306(A)(5)(a) and Tariff, Part VIII, section 403(A)(5)(a). Having an approved Decision Point II submission is the comparable phase of the study process under Tariff Parts, VII and VIII as having an executed Facilities Study Agreement under Part VI.
54.	RAA, Article 1, Definitions	Vicki Karandrikas	Planned External Generation Capacity Resource: “Planned External Generation Capacity Resource” shall mean a proposed Generation Capacity Resource, or a proposed increase in the capability of a Generation Capacity Resource, that (a) is to be located outside the PJM Region, (b) participates in the generation interconnection process of a Control Area external to PJM, (c) is scheduled to be physically and electrically interconnected to the transmission facilities of such Control Area on or before the first day of the Delivery Year for which such resource is to be committed to satisfy the reliability requirements of the PJM Region, and (d) is in full commercial operation prior to the first day of such Delivery Year, such that it is sufficient to provide the Installed Capacity set forth in the Sell Offer forming the basis of such resource’s commitment to the PJM Region. Prior to participation in any Base Residual Auction for such Delivery Year, the Capacity Market Seller must demonstrate that it has a fully executed system impact study agreement (or other documentation which is functionally equivalent to a System Impact Study Agreement under the PJM Tariff) or, for resources which are greater than 20MWs participating in a Base Residual	“Planned External Generation Capacity Resource” shall mean a proposed Generation Capacity Resource, or a proposed increase in the capability of a Generation Capacity Resource, that (a) is to be located outside the PJM Region, (b) participates in the generation interconnection process of a Control Area external to PJM, (c) is scheduled to be physically and electrically interconnected to the transmission facilities of such Control Area on or before the first day of the Delivery Year for which such resource is to be committed to satisfy the reliability requirements of the PJM Region, and (d) is in full commercial operation prior to the first day of such Delivery Year, such that it is sufficient to provide the Installed Capacity set forth in the Sell Offer forming the basis of such resource’s commitment to the PJM Region. Prior to participation in any Base Residual Auction for such Delivery Year, the Capacity Market Seller must demonstrate that it has a fully executed system impact study agreement (or other documentation which is functionally equivalent to an approved Decision Point I submission System Impact Study agreement under PJM Tariff <u>Part VII or VIII as applicable</u>) or, for resources which are greater than 20 MWs participating in a Base Residual Auction for the 2019/2020 Delivery Year and subsequent Delivery Years, an agreement or other documentation which is functionally equivalent	Changes made because while Tariff, Part VI uses separate study agreements for the different study phases, Tariff, Parts VII and VIII use a single study agreement that is executed at the start of a Cycle, as outlined in Tariff, Part VII, section 306(A)(5)(a) and Tariff, Part VIII, section 403(A)(5)(a). Having an approved Decision Point II submission is the comparable phase of the study process under Tariff Parts, VII and VIII as having an executed System Impact Study Agreement under Part VI. In addition, the phrase “functionally equivalent to an Interconnection Service Agreement” was replaced with “functionally equivalent to a Generation Interconnection Agreement” to reference the current form of Agreement.

		<p>Auction for the 2019/2020 Delivery Year and subsequent Delivery Years, an agreement or other documentation which is functionally equivalent to a Facilities Study Agreement under the PJM Tariff), with the transmission owner to whose transmission facilities or distribution facilities the resource is being directly connected, and, as applicable, the transmission provider. Prior to participating in any Incremental Auction for such Delivery Year, the Capacity Market Seller must demonstrate it has entered into an interconnection agreement, or such other documentation that is functionally equivalent to an Interconnection Service Agreement under the PJM Tariff, with the transmission owner to whose transmission facilities or distribution facilities the resource is being directly connected, and, as applicable, the transmission provider. A Planned External Generation Capacity Resource must provide evidence to PJM that it has been studied as a Network Resource, or such other similar interconnection product in such external Control Area, must provide contractual evidence that it has applied for or purchased transmission service to be deliverable to the PJM border, and must provide contractual evidence that it has applied for transmission service to be deliverable to the bus at which energy is to delivered, the agreements for which must have been executed prior to participation in any Reliability Pricing Model Auction for such Delivery Year. Any such resource shall cease to be considered a Planned External Generation Capacity Resource as of the earlier of (i) the date that interconnection service commences as to such resource; or (ii) the resource has cleared an RPM Auction, in which case it shall become an Existing Generation Capacity Resource for purposes of the mitigation of offers for any RPM Auction for all subsequent Delivery Years.</p>	<p>to an approved Decision Point II submission Facilities Study Agreement under the PJM Tariff <u>Part VII or VIII as applicable</u>), with the transmission owner to whose transmission facilities or distribution facilities the resource is being directly connected, and, as applicable, the transmission provider.</p> <p>Prior to participating in any Incremental Auction for such Delivery Year, the Capacity Market Seller must demonstrate it has entered into an interconnection agreement, or such other documentation that is functionally equivalent to a Generation Service Agreement under the PJM Tariff, with the transmission owner to whose transmission facilities or distribution facilities the resource is being directly connected, and, as applicable, the transmission provider.</p> <p>A Planned External Generation Capacity Resource must provide evidence to PJM that it has been studied as a Network Resource, or such other similar interconnection product in such external Control Area, must provide contractual evidence that it has applied for or purchased transmission service to be deliverable to the PJM border, and must provide contractual evidence that it has applied for transmission service to be deliverable to the bus at which energy is to delivered, the agreements for which must have been executed prior to participation in any Reliability Pricing Model Auction for such Delivery Year. Any such resource shall cease to be considered a Planned External Generation Capacity Resource as of the earlier of (i) the date that interconnection service commences as to such resource; or (ii) the resource has cleared an RPM Auction, in which case it shall become an Existing Generation Capacity Resource for purposes of the mitigation of offers for any RPM Auction for all subsequent Delivery Years.</p>	
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55.	RAA, Article 1, Definitions	Vicki Karandrikas	<p>Planned Generation Capacity Resource: “Planned Generation Capacity Resource” shall mean a Generation Capacity Resource, or additional megawatts to increase the size of a Generation Capacity Resource that is being or has been modified to increase the number of megawatts of available installed capacity thereof, participating in the generation interconnection process under Tariff, Part IV, Subpart A, as applicable, for which: (i) Interconnection Service is scheduled to commence on or before the first day of the Delivery Year for which such resource is to be committed to RPM or to an FRR Capacity Plan; (ii) for any such resource seeking to offer into a Base Residual Auction, or for any such resource of 20 MWs or less seeking to offer into a Base Residual Auction, a System Impact Study Agreement (or, for resources for which a System Impact Study Agreement is not required, has such other agreement or documentation that is functionally equivalent to a System Impact Study Agreement) has been executed prior to the Base Residual Auction for such Delivery Year; (iii) for any such resource of more than 20 MWs seeking to offer into a Base Residual Auction for the 2019/2020 Delivery Year and subsequent Delivery Years, a Facilities Study Agreement (or, for resources for which a Facilities Study Agreement is not required, has such other agreement or documentation that is functionally equivalent to a Facility Studies Agreement) has been executed prior to the Base Residual Auction for such Delivery Year; and (iv) an Interconnection Service Agreement has been executed prior to any Incremental Auction for such Delivery Year in which such resource plans to participate. For purposes of the must-offer requirement and mitigation of offers for any RPM Auction for a Delivery Year, a Generation Capacity Resource shall cease to be considered a Planned Generation Capacity Resource as of the earlier of (i) the date that Interconnection Service commences as to such resource; or (ii) the resource has cleared an</p>	<p>Planned Generation Capacity Resource: “Planned Generation Capacity Resource” shall mean a Generation Capacity Resource, or additional megawatts to increase the size of a Generation Capacity Resource that is being or has been modified to increase the number of megawatts of available installed capacity thereof, participating in the generation interconnection process under Tariff, Part IV, Subpart A, <u>Part VII or Part VIII</u>, as applicable, for which: (i) Interconnection Service is scheduled to commence on or before the first day of the Delivery Year for which such resource is to be committed to RPM or to an FRR Capacity Plan; (ii) for any such resource seeking to offer into a Base Residual Auction, or for any such resource of 20 MWs or less seeking to offer into a Base Residual Auction, <u>a System Impact Study Agreement- all the requirements for an approved Decision Point I submission have been met under Tariff Part VII or VIII</u> (or, for resources for which a <u>Decision Point I submission System Impact Study Agreement</u> is not required, has such other agreement or documentation that is functionally equivalent to <u>an approved Decision Point I submission</u>) has been executed prior to the Base Residual Auction for such Delivery Year; (iii) for any such resource of more than 20 MWs seeking to offer into a Base Residual Auction for the 2019/2020 Delivery Year and subsequent Delivery Years, <u>a Facilities Study Agreement all the requirements for an approved Decision Point II submission have been met under Tariff Part VII or VIII</u> (or, for resources for which a <u>Facilities Study Agreement- Decision Point II submission</u> is not required, has such other agreement or documentation that is functionally equivalent to <u>an approved Decision Point II submission Facility Studies Agreement</u>) prior to the Base Residual Auction for such Delivery Year; and (iv) <u>an Generation Interconnection Service Agreement or Wholesale Market Participation Agreement</u> has been executed prior to any Incremental Auction for such Delivery Year in which such resource plans to participate. For purposes of the must-offer requirement and mitigation of offers for any RPM Auction for a Delivery Year, a Generation Capacity Resource shall cease to be considered a Planned Generation Capacity Resource as of the earlier of (i) the date that Interconnection Service commences as to such resource;</p>	<p>Changes made for clarity and because while Tariff, Part VI uses separate study agreements for the different study phases Tariff, Parts VII and VIII use a single study agreement that is executed at the start of a Cycle, as outlined in Tariff, Part VII, section 306(A)(5)(a) and Tariff, Part VIII, section 403(A)(5)(a).</p> <p>These revisions reference the study phase under phases under Tariffs Part VII and VIII that are comparable to study agreements under Part VI. An approved Decision Point I submission and Decision Point II submission, under Tariff parts VII and VIII, are comparable to an executed System Impact Study Agreement and executed Facilities Study Agreement respectively, under Tariff Part VI.</p>
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			RPM Auction for any Delivery Year, in which case it shall become an Existing Generation Capacity Resource for any RPM Auction for all subsequent Delivery Years.	or (ii) the resource has cleared an RPM Auction for any Delivery Year, in which case it shall become an Existing Generation Capacity Resource for any RPM Auction for all subsequent Delivery Years.	
56.	OATT 300, Definitions – I OATT 400, Definitions - I	Vicki Karandrikas	Incidental Expenses: “Incidental Expenses” shall mean those expenses incidental to the performance of construction pursuant to an Interconnection Construction Service Agreement, including, but not limited to, the expense of temporary construction power, telecommunications charges, Interconnected Transmission Owner expenses associated with, but not limited to, document preparation, design review, installation, monitoring, and construction-related operations and maintenance for the Customer Facility and for the Interconnection Facilities.	Incidental Expenses: “Incidental Expenses” shall mean those expenses incidental to the performance of construction pursuant to an Interconnection Construction Service Agreement, including, but not limited to, the expense of temporary construction power, telecommunications charges, Interconnected -Transmission Owner expenses associated with, but not limited to, document preparation, design review, installation, monitoring, and construction-related operations and maintenance for the Generating Customer -Facility and for the Interconnection Facilities.	Changes made to conform to defined terms in Tariff, Parts VII and VIII.
57.	OATT Part IX.B – GIA Appendices and Schedules	Vicki Karandrikas	SCHEDULES: SCHEDULE A - CUSTOMER FACILITY LOCATION/SITE PLAN	SCHEDULES: SCHEDULE A - GENERATING FACILITY LOCATION/SITE PLAN CUSTOMER FACILITY LOCATION/SITE PLAN	Changes made to conform to defined terms in Tariff, Parts VII and VIII.
58.	OATT Part IX.B – GIA	Vicki Karandrikas	SCHEDULE A CUSTOMER FACILITY LOCATION/SITE PLAN	SCHEDULE A GENERATING FACILITY LOCATION/SITE PLAN CUSTOMER FACILITY LOCATION/SITE PLAN	Changes made to conform to defined terms in Tariff, Parts VII and VIII.
59.	OATT Part IX.B – GIA	Vicki Karandrikas	12 The existing [wind-powered] [non-synchronous] __ MW portion of the Customer Facility shall retain the ability to maintain a power factor of at least 0.95 leading to 0.95 lagging measured at the high-side of the facility substation transformers. The increase of __ MW to the [wind-powered] [non-synchronous] Customer Facility associated with this GIA shall be designed with the ability to maintain a power factor of at least 0.95 leading to 0.95 lagging measured at the high-side of the facility substation transformers. [For Transmission Project Developers]	12 The existing [wind-powered] [non-synchronous] __ MW portion of the Generating Customer -Facility shall retain the ability to maintain a power factor of at least 0.95 leading to 0.95 lagging measured at the high-side of the facility substation transformers. The increase of __ MW to the [wind-powered] [non-synchronous] Generating Customer Facility associated with this GIA shall be designed with the ability to maintain a power factor of at least 0.95 leading to 0.95 lagging measured at the high-side of the facility substation transformers. [For Transmission Project Developers]	Changes made to conform to defined terms in Tariff, Parts VII and VIII.

			<p>{The following language should be included only for new Merchant Transmission Facilities}</p> <p>Transmission Project Developer shall design its Merchant D.C. Transmission Facilities and/ or Controllable A.C. Merchant Transmission Facilities, to maintain a power factor at the Point of Interconnection of at least 0.95 leading and 0.95 lagging, when such Generating Facility is operating at any level within its approved operating range.</p>	<p>{The following language should be included only for new Merchant Transmission Facilities}</p> <p>Transmission Project Developer shall design its Merchant D.C. Transmission Facilities and/ or Controllable A.C. Merchant Transmission Facilities, to maintain a power factor at the Point of Interconnection of at least 0.95 leading and 0.95 lagging, when such Generating Facility is operating at any level within its approved operating range.</p>	
60.	OATT Part IX.D – E&P	Vicki Karandrikas	<p>SCHEDULES: {Note: Schedules A through B are required, others are optional; add if applicable and desirable for clarity.}</p> <p>SCHEDULE A – INTERCONNECTION CUSTOMER'S AGREEMENT TO CONFORM WITH IRS SAFE HARBOR PROVISIONS FOR NON-TAXABLE STATUS</p> <p>SCHEDULE B – ADDITIONAL PROVISIONS FOR BILLINGS AND PAYMENTS</p> <p>SCHEDULE __ – CUSTOMER FACILITY LOCATION/SITE PLAN</p> <p>SCHEDULE __ – SINGLE-LINE DIAGRAM</p>	<p>SCHEDULES: {Note: Schedules A through B are required, others are optional; add if applicable and desirable for clarity.}</p> <p>SCHEDULE A – INTERCONNECTION CUSTOMER'S PROJECT DEVELOPER'S AGREEMENT TO CONFORM WITH IRS SAFE HARBOR PROVISIONS FOR NON-TAXABLE STATUS</p> <p>SCHEDULE B – ADDITIONAL PROVISIONS FOR BILLINGS AND PAYMENTS</p> <p>SCHEDULE __ – GENERATING FACILITY LOCATION/SITE PLAN CUSTOMER FACILITY LOCATION/SITE PLAN</p> <p>SCHEDULE __ – SINGLE-LINE DIAGRAM</p>	Changes made to correct terminology.
61.	OATT Part IX.D – E&P	Vicki Karandrikas	<p>SCHEDULE A</p> <p>INTERCONNECTION CUSTOMER'S AGREEMENT TO CONFORM WITH IRS SAFE HARBOR PROVISIONS FOR NON-TAXABLE STATUS</p>	<p>SCHEDULE A</p> <p>INTERCONNECTION CUSTOMER'S PROJECT DEVELOPER'S AGREEMENT TO CONFORM WITH IRS SAFE HARBOR PROVISIONS FOR NON-TAXABLE STATUS</p>	Changes made to correct terminology.
62.	OATT Part IX.J, CSA – Schedule E	Vicki Karandrikas	<p>Nothing in Developer Party's agreement pursuant to this Schedule E shall change Developer Party's indemnification obligations under section 4.2 of Appendix III to this CSA.</p>	<p>Nothing in Developer Party's agreement pursuant to this Schedule E shall change Developer Party's indemnification obligations under section 4.2 of Appendix III to this CSA.</p>	Apostrophe added for grammatical purposes.

63.	OATT Part IX.B – GIA Schedule L	Vicki Karandrikas	5.0(b)(3) If Yes is indicated, Project Developer shall build, in accordance with and subject to the conditions and limitations set forth in section 15.3 of this Schedule L, those portions of the Transmission Owner Interconnection Facilities and Stand Alone described in Specifications section 3.0(a)(2) of this GIA.	5.0(b)(3) If Yes is indicated, Project Developer shall build, in accordance with and subject to the conditions and limitations set forth in section 11.2.3 15.3 of this Schedule L, those portions of the Transmission Owner Interconnection Facilities and Stand Alone <u>Network Upgrades</u> described in Specifications section 3.0(a)(2) of this GIA.	Cross-reference corrected.
64.	OATT Part IX.B GIA – Schedule L	Vicki Karandrikas	<p>8.0 Schedule of Work. The Schedule of Work for all construction is set forth below, provided, however, that such schedule is subject to change in accordance with section 15.3 of this Schedule L.</p> <p>Transmission Owner:</p> <p>[Provide start and completion date for construction of Transmission Owner Interconnection Facilities and Transmission Owner Upgrades and listed in Schedule C, including any supervisory or other responsibilities associated with use of the Option to Build or state “Not Applicable”]</p> <p>Project Developer:</p> <p>[Provide start and completion date for construction of Project Developer Interconnection Facilities listed in Schedule C, including any facilities being constructed to pursuant to the Option to Build, or state “Not Applicable”]</p>	<p>8.0 Schedule of Work. The Schedule of Work for all construction is set forth below, provided, however, that such schedule is subject to change in accordance with section 11.315.3 of this Schedule L.</p> <p>Transmission Owner:</p> <p>[Provide start and completion date for construction of Transmission Owner Interconnection Facilities and Transmission Owner Upgrades and listed in <u>Specifications, section 3.0 Schedule C</u>, including any supervisory or other responsibilities associated with use of the Option to Build or state “Not Applicable”]</p> <p>Project Developer:</p> <p>[Provide start and completion date for construction of Project Developer Interconnection Facilities listed in <u>Specifications, section 3.0 Schedule C</u>, including any facilities being constructed to pursuant to the Option to Build, or state “Not Applicable”]</p>	Cross-references corrected, and minor grammatical correction made (the word “and” was listed before “listed”).
65.	OATT Part IX.B, GIA – Schedule L	Vicki Karandrikas	9.0 If Project Developer exercises the Option to Build, Project Developer shall pay Transmission Owner for Transmission Owner to execute the responsibilities enumerated to Transmission Owner under section 15.	9.0 If Project Developer exercises the Option to Build, Project Developer shall pay Transmission Owner for Transmission Owner to execute the responsibilities enumerated to Transmission Owner under section 11.2.315 .	Cross-reference corrected.

66.	OATT Part IX.B, GIA – Schedule L	Vicki Karandrikas	<p>10.1 Project Developer Obligations: Project Developer shall, at its sole cost and expense, design, procure, construct, own, and install the Generating Facility or Merchant Transmission Facility and the Project Developer Interconnection Facilities in accordance with this GIA, Applicable Standards, Applicable Laws and Regulations, Good Utility Practice, the Scope of Work, and the System Impact Study(ies) (to the extent that design of the Project Developer Interconnection Facilities is included therein), provided, however, that, in the event and to the extent that the Generating Facility or Merchant Transmission Facility is comprised of or includes Merchant Network Upgrades, subject to the terms of section 15.2.3 of this Schedule L, the Transmission Owner shall design, procure, construct and install such Merchant Network Upgrades.</p>	<p>10.1 Project Developer Obligations: Project Developer shall, at its sole cost and expense, design, procure, construct, own, and install the Generating Facility or Merchant Transmission Facility and the Project Developer Interconnection Facilities in accordance with this GIA, Applicable Standards, Applicable Laws and Regulations, Good Utility Practice, the Scope of Work, and the System Impact Study(ies) (to the extent that design of the Project Developer Interconnection Facilities is included therein), provided, however, that, in the event and to the extent that the Generating Facility or Merchant Transmission Facility is comprised of or includes Merchant Network Upgrades, subject to the terms of section 11.2.3 15.2.3 of this Schedule L, the Transmission Owner shall design, procure, construct and install such Merchant Network Upgrades.</p>	Cross-reference corrected.
67.	OATT 300, Definitions - C OATT 400, Definitions - C	Vicki Karandrikas	<p>Cancellation Costs:</p> <p>“Cancellation Costs” shall mean costs and liabilities incurred in connection with: (a) cancellation of supplier and contractor written orders and agreements entered into to design, construct and install Transmission Owner Interconnection Facilities, and/or Customer-Funded Upgrades, and/or (b) completion of some or all of the required Transmission Owner Interconnection Facilities, and/or Customer-Funded Upgrades, or specific unfinished portions and/or removal of any or all of such facilities which have been installed, to the extent required for the Transmission Provider and/or Transmission Owner(s) to perform their respective obligations under the Tariff, Part VIII. Cancellation costs may include costs for Customer-Funded Upgrades assigned to Project Developer or Eligible Customer, in accordance with the Tariff and as reflected in this GIA, that remain the responsibility of Project Developer or Eligible Customer</p>	<p>Cancellation Costs:</p> <p>“Cancellation Costs” shall mean costs and liabilities incurred in connection with: (a) cancellation of supplier and contractor written orders and agreements entered into to design, construct and install Transmission Owner Interconnection Facilities, and/or Customer-Funded Upgrades, and/or (b) completion of some or all of the required Transmission Owner Interconnection Facilities, and/or Customer-Funded Upgrades, or specific unfinished portions and/or removal of any or all of such facilities which have been installed, to the extent required for the Transmission Provider and/or Transmission Owner(s) to perform their respective obligations under the Tariff, Part VIII. Cancellation costs may include costs for Customer-Funded Upgrades assigned to Project Developer or Eligible Customer, in accordance with the Tariff and as reflected in as set forth in Appendix 2, section 16.1.4 of this GIA, that remain the responsibility of Project Developer or Eligible Customer under the Tariff, even if such New Service Request is terminated or withdrawn.</p>	Cross-referenced added for clarity.

			under the Tariff, even if such New Service Request is terminated or withdrawn.		
68.	OATT Part IX 500	Vicki Karandrikas	<p>Unless otherwise stated in a specific agreement, the following provisions shall apply to any agreement under Tariff, Part IX, between Transmission Provider, a Project Developer, Eligible Customer or Upgrade Customer, and, where applicable, a Transmission Owner. In addition to any other requirements under such agreement, no later than 15 Business Days after Transmission Provider's tender for execution of such agreement, Project Developer, Eligible Customer or Upgrade Customer, shall either: (i) execute the agreement; (ii) request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or (iii) request in writing that the agreement be filed unexecuted with FERC. Such agreement shall be deemed to be terminated and withdrawn if Project Developer, Eligible Customer or Upgrade Customer, fails to comply with these requirements. If a Transmission Owner is party to the agreement, following tender of the agreement and no later than 15 Business Days after PJM sends notification to the relevant Transmission Owner that the Project Developer, Eligible Customer or Upgrade Customer has executed the agreement, Transmission Owner shall either: (i) execute the agreement; (ii) request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or (iii) request in writing that the agreement be filed unexecuted with FERC. Following execution by Transmission Owner (or by the Project Developer if there is not Transmission Owner that is subject to the agreement) Transmission Provider shall either: (i) execute the agreement; (ii) request in writing dispute resolution as allowed under</p>	<p>Unless otherwise stated in a specific agreement, the following provisions shall apply to any agreement under Tariff, Part IX, between Transmission Provider, a Project Developer, Eligible Customer, or Upgrade Customer, <u>or Affected System Customer</u> and, where applicable, a Transmission Owner. In addition to any other requirements under such agreement, no later than 15 Business Days after Transmission Provider's tender for execution of such agreement, Project Developer, Eligible Customer, or Upgrade Customer, <u>or Affected System Customer</u>, shall either: (i) execute the agreement; (ii) request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or (iii) request in writing that the agreement be filed unexecuted with FERC. Such agreement shall be deemed to be terminated and withdrawn if Project Developer, Eligible Customer, or Upgrade Customer, <u>or Affected System Customer</u>, fails to comply with these requirements. If a Transmission Owner is party to the agreement, following tender of the agreement and no later than 15 Business Days after PJM sends notification to the relevant Transmission Owner that the Project Developer, Eligible Customer, or Upgrade Customer, <u>or Affected System Customer</u> has executed the agreement, Transmission Owner shall either: (i) execute the agreement; (ii) request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or (iii) request in writing that the agreement be filed unexecuted with FERC. Following execution by Transmission Owner (or by the Project Developer if there is not Transmission Owner that is subject to the agreement) Transmission Provider shall either: (i) execute the agreement; (ii) request in writing dispute resolution as allowed under Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or (iii) file with FERC the agreement in</p>	<p>Change made to clarify that the execution deadlines set forth in Tariff, Part IX, section 500 applies to Affected System Customers on the same basis as other Project Developers or other customers with agreements under Tariff, Part IX. The references to Affected System Customers were mistakenly omitted from the Docket No. ER22-2110 interconnection process reform filing. These changes were also made for consistency with Tariff, Part VII, section 336(B)(3)(d) and Part VIII, section 434(B)(3)(d).</p>

			Tariff, Part I, section 12 or, if concerning the Regional Transmission Expansion Plan, consistent with Operating Agreement, Schedule 5; or (iii) file with FERC the agreement in unexecuted form. Transmission Provider may also file the agreement with FERC in unexecuted form if Transmission Owner does not comply with the requirements above.	unexecuted form. Transmission Provider may also file the agreement with FERC in unexecuted form if Transmission Owner does not comply with the requirements above.	
69.	OATT Part VII.C 305 – Introduction, Overview and Eligibility	Vicki Karandrikas	<p>(A) 3. To move forward in Transition Cycle #2, each Upgrade Customer with valid projects in AG2-AH1 must submit revised technical data and/or configuration information, and updates other requirements for its Upgrade Request, and submit the required Study Deposit amounts, as set forth below in Tariff, Part VII, Subpart C, section 306, Application Rules.</p> <p>a. Each valid Upgrade Request from AG2-AH1 shall maintain its existing priority upon successful resubmission under Tariff, Part VII, Subpart C, section 306, Application Rules within 60 days of the Transition Date. Such existing priority shall be subsequent to valid AG1 and prior Upgrade Requests.</p> <p>b. A valid Upgrade Request will be processed in accordance with Tariff, Part VII, Subpart C, section 306.</p>	<p>(A) 3. To move forward in Transition Cycle #2, each Upgrade Customer with valid projects in AG2-AH1 must submit revised technical data and/or configuration information, and updates other requirements for its Upgrade Request, and submit the required Study Deposit amounts, as set forth below in Tariff, Part VII, Subpart H, section 337, Upgrade Requests Subpart C, section 306, Application Rules.</p> <p>a. Each valid Upgrade Request from AG2-AH1 shall maintain its existing priority upon successful resubmission under Tariff, Part VII, Subpart C, section 306, Application Rules within 60 days of the Transition Date. Such existing priority shall be subsequent to valid AG1 and prior Upgrade Requests.</p> <p>b. A valid Upgrade Request will be processed in accordance with Tariff, Part VII, Subpart H, section 337, Upgrade Requests Subpart C, section 306.</p>	Cross-references corrected. The word “below” was deleted for clarity.
70.	OATT Part VII.A 302 – Site Control and; OATT Part VIII.A 402 – Site Control	Vicki Karandrikas	<p>(A) 9. At each point within a Cycle where a Project Developer is required to provide Site Control, the Project Developer shall also provide Site Control certification in a form set forth in PJM Manual 14G, executed by an officer or authorized representative of Project Developer, verifying that the Site Control requirements are met. At PJM’s request, Project Developer shall provide copies of landowner attestations, county recordings, or other similar documentation acceptable to PJM to validate such Site Control certifications.</p>	<p>(A) 9. At each point within a Cycle where a Project Developer is required to provide Site Control, the Project Developer shall also provide Site Control certification in a form set forth in PJM Manual 14H 14G, executed by an officer or authorized representative of Project Developer, verifying that the Site Control requirements are met. At PJM’s request, Project Developer shall provide copies of landowner attestations, county recordings, or other similar documentation acceptable to PJM to validate such Site Control certifications.</p> <p>(A) 9. At each point within a Cycle where a Project Developer is required to provide Site Control, the Project Developer shall also</p>	Cross-reference corrected.

			(A) 9. At each point within a Cycle where a Project Developer is required to provide Site Control, the Project Developer shall also provide Site Control certification in a form set forth in PJM Manual 14G, executed by an officer or authorized representative	provide Site Control certification in a form set forth in PJM Manual 14H 14G , executed by an officer or authorized representative	
71.	OATT Part IX.J – CSA	Vicki Karandrikas	This Construction Service Agreement, including the Appendices attached hereto and incorporated herein (collectively, “CSA”) is made and entered into as of the Effective Date (as defined in the attached Appendix III) by and among PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”), _____ (“Developer Party” [OPTIONAL: or “[short name]”]) and _____ (“Transmission Owner” [OPTIONAL: or “[short name]”]). Transmission Provider, Developer Party and Transmission Owner are referred to herein individually as “Party” and collectively as “the Parties.” Developer Party is a {instruction: select [Project Developer, Eligible Customer or Affected System Customer]} as defined in this GIP. For purposes of this Upgrade CSA, For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	This Construction Service Agreement, including the Appendices attached hereto and incorporated herein (collectively, “CSA”) is made and entered into as of the Effective Date (as defined in the attached Appendix III) by and among PJM Interconnection, L.L.C. (“Transmission Provider” or “PJM”), _____ (“Developer Party” [OPTIONAL: or “[short name]”]) and _____ (“Transmission Owner” [OPTIONAL: or “[short name]”]). Transmission Provider, Developer Party and Transmission Owner are referred to herein individually as “Party” and collectively as “the Parties.” Developer Party is a {instruction: select [Project Developer, Eligible Customer or Affected System Customer]} as defined in this GIP. For purposes of this Upgrade CSA, For purposes of the Agreement, the terms “Generation Interconnection Procedures” or “GIP” will refer to the interconnection procedures set forth in {Instructions: use Tariff, Part VII if this is a transition period agreement, or use Tariff, Part VIII if this is a post-transition period agreement}.	Extraneous clause deleted.
72.	OATT Part IX.B – GIA	Vicki Karandrikas	{For all wind or non-synchronous generation facilities requesting an incremental increase in capacity or energy output which have entered the New Services Queue after November 1, 2016, and were not commercially operable prior to November 1, 2016 include the following requirements:}	{For all wind or non-synchronous Generating Facilities generation facilities requesting an incremental increase in capacity or energy output which have submitted an Interconnection Request entered the New Services Queue after November 1, 2016, and were not commercially operable prior to November 1, 2016 include the following requirements:}	Changes made to conform to definitions in Tariff, Parts VII and VIII.

73.	OATT Part IX.B – GIA	Vicki Karandrikas	10.4.1 Schedule L of this GIA sets forth the additional terms and conditions of service that apply in the event there are any there are Project Developer Interconnection Facilities, Transmission Owner Interconnection Facilities, or Transmission Owner Upgrades subject to this Agreement. In the event there is an additional Transmission Owner listed in Specification section 3.0(c), Transmission Provider, Project Developer and the additional Transmission Owner shall be required to enter into a separate Interconnection Construction Service Agreement in the form set forth in Tariff, Part IX, Subpart J. In the event there are any Common Use Upgrades listed in Specification section 3.0 of this GIA, Transmission Provider and Project Developer, along with the other relevant Project Developers, shall also be required to enter into a separate Network Upgrade Cost Responsibility Agreement in the form set forth in Tariff, Part IX, Subpart H.	10.4.1 Schedule L of this GIA sets forth the additional terms and conditions of service that apply in the event there are any there are Project Developer Interconnection Facilities, Transmission Owner Interconnection Facilities, or Transmission Owner Upgrades subject to this Agreement. In the event there is an additional Transmission Owner listed in Specification section 3.0(c), Transmission Provider, Project Developer and the additional Transmission Owner shall be required to enter into a separate Interconnection Construction Service Agreement in the form set forth in Tariff, Part IX, Subpart J. In the event there are any Common Use Upgrades listed in Specification section 3.0 of this GIA, Transmission Provider and Project Developer, along with the other relevant Project Developers, shall also be required to enter into a separate Network Upgrade Cost Responsibility Agreement in the form set forth in Tariff, Part IX, Subpart H.	Change made for grammatical purposes.
74.	OATT 300 Definitions S; OATT 400 Definitions N	Vicki Karandrikas	“Schedule of Work” shall mean that Schedule of Work set forth in section 8.0 of a GIA, or Schedule of an ICSA, as applicable, setting forth the timing of work to be performed by the Constructing Entity(ies), based upon the System Impact Study(ies) and subject to modification, as required, in accordance with Transmission Provider’s scope change process for interconnection projects set forth in the PJM Manuals.	“Schedule of Work” shall mean that Schedule of Work set forth in section 8.0 of <u>Schedule L of a GIA</u> , or Schedule of <u>a CSA an ICSA</u> , as applicable, setting forth the timing of work to be performed by the Constructing Entity(ies), based upon the System Impact Study(ies) and subject to modification, as required, in accordance with Transmission Provider’s scope change process for interconnection projects set forth in the PJM Manuals.	Changes made to clarify the cross-reference to section 8.0, and for internal consistency.
75.	OATT Part I, Definitions C - D	Erin Lai	Continuous Mode: “Continuous Mode” shall mean the mode of operation of an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource that includes both negative and positive megawatt quantities (i.e., the Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource is capable of continually and immediately transitioning from	Continuous Mode: “Continuous Mode” shall mean the mode of operation of an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource that includes both negative and positive megawatt quantities (i.e., the Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource is capable of continually and immediately transitioning from withdrawing megawatt quantities from the grid to injecting megawatt quantities onto the	Changes made to delete the references to solar storage. As part of its July 26, 2023 filing in Docket No. ER23-2484, PJM expanded the provisions in its Tariff and its Operating Agreement to apply to a broader set of mixed technology resources, but mistakenly did not delete the references to solar storage resources from the definition. This change is consistent with the intent of the Docket No.

			withdrawing megawatt quantities from the grid to injecting megawatt quantities onto the grid or injecting megawatts to withdrawing megawatts). Energy Storage Resource Model Participants or solar-storage Open-Loop Hybrid Resource operating in Continuous Mode are considered to have an unlimited ramp rate. Continuous Mode requires Discharge Economic Maximum Megawatts to be zero or correspond to an injection, and Charge Economic Maximum Megawatts to be zero or correspond to a withdrawal.	grid or injecting megawatts to withdrawing megawatts). Energy Storage Resource Model Participants or solar-storage Open-Loop Hybrid Resource operating in Continuous Mode are considered to have an unlimited ramp rate. Continuous Mode requires Discharge Economic Maximum Megawatts to be zero or correspond to an injection, and Charge Economic Maximum Megawatts to be zero or correspond to a withdrawal.	ER23-2484 filing, which was accepted by FERC in <i>PJM Interconnection, L.L.C.</i> , Letter Order, Docket No. ER23-2484-000 (Sept. 22, 2023).
76.	OATT Part I Definitions C-D	Erin Lai	Discharge Economic Maximum Megawatts: “Discharge Economic Maximum Megawatts” shall mean the maximum megawatt power output available for discharge in economic dispatch by an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource in Continuous Mode or in Discharge Mode. Discharge Economic Maximum Megawatts shall be the Economic Maximum for an Energy Storage Resource or solar-storage Open-Loop Hybrid Resource in Discharge Mode or in Continuous Mode.	Discharge Economic Maximum Megawatts: “Discharge Economic Maximum Megawatts” shall mean the maximum megawatt power output available for discharge in economic dispatch by an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource in Continuous Mode or in Discharge Mode. Discharge Economic Maximum Megawatts shall be the Economic Maximum for an Energy Storage Resource or solar-storage Open-Loop Hybrid Resource in Discharge Mode or in Continuous Mode.	Changes made to delete the references to solar storage. As part of its July 26, 2023 filing in Docket No. ER23-2484, PJM expanded the provisions in its Tariff and its Operating Agreement to apply to a broader set of mixed technology resources, but mistakenly did not delete the references to solar storage resources from the definition. This change is consistent with the intent of the Docket No. ER23-2484 filing, which was accepted by FERC in <i>PJM Interconnection, L.L.C.</i> , Letter Order, Docket No. ER23-2484-000 (Sept. 22, 2023).
77.	OATT Part I Definitions C - D	Erin Lai	Discharge Economic Minimum Megawatts: “Discharge Economic Minimum Megawatts” shall mean the minimum megawatt power output available for discharge in economic dispatch by an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource in Discharge Mode. Discharge Economic Minimum Megawatts shall be the Economic Minimum for an Energy Storage Resource or solar-storage Open-Loop Hybrid Resource in Discharge Mode.	Discharge Economic Minimum Megawatts: “Discharge Economic Minimum Megawatts” shall mean the minimum megawatt power output available for discharge in economic dispatch by an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource in Discharge Mode. Discharge Economic Minimum Megawatts shall be the Economic Minimum for an Energy Storage Resource or solar-storage Open-Loop Hybrid Resource in Discharge Mode.	Changes made to delete the references to solar storage. As part of its July 26, 2023 filing in Docket No. ER23-2484, PJM expanded the provisions in its Tariff and its Operating Agreement to apply to a broader set of mixed technology resources, but mistakenly did not delete the references to solar storage resources from the definition. This change is consistent with the intent of the Docket No. ER23-2484 filing, which was accepted by FERC in <i>PJM Interconnection, L.L.C.</i> , Letter Order, Docket No. ER23-2484-000 (Sept. 22, 2023).

78.	OATT Part I Definitions C - D	Erin Lai	<p>Discharge Mode:</p> <p>“Discharge Mode” shall mean the mode of operation of an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource that only includes positive megawatt quantities (i.e., the Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource is only injecting megawatts onto the grid).</p>	<p>Discharge Mode:</p> <p>“Discharge Mode” shall mean the mode of operation of an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource that only includes positive megawatt quantities (i.e., the Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource is only injecting megawatts onto the grid).</p>	<p>Changes made to delete the references to solar storage. As part of its July 26, 2023 filing in Docket No. ER23-2484, PJM expanded the provisions in its Tariff and its Operating Agreement to apply to a broader set of mixed technology resources, but mistakenly did not delete the references to solar storage resources from the definition. This change is consistent with the intent of the Docket No. ER23-2484 filing, which was accepted by FERC in PJM Interconnection, L.L.C., Letter Order, Docket No. ER23-2484-000 (Sept. 22, 2023).</p>
79.	OATT Part I Definitions C - D	Erin Lai	<p>Discharge Ramp Rate:</p> <p>“Discharge Ramp Rate” shall mean the Ramping Capability of an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource in Discharge Mode.</p>	<p>Discharge Ramp Rate:</p> <p>“Discharge Ramp Rate” shall mean the Ramping Capability of an Energy Storage Resource Model Participant or solar-storage Open-Loop Hybrid Resource in Discharge Mode.</p>	<p>Changes made to delete the references to solar storage. As part of its July 26, 2023 filing in Docket No. ER23-2484, PJM expanded the provisions in its Tariff and its Operating Agreement to apply to a broader set of mixed technology resources, but mistakenly did not delete the references to solar storage resources from the definition. This change is consistent with the intent of the Docket No. ER23-2484 filing, which was accepted by FERC in PJM Interconnection, L.L.C., Letter Order, Docket No. ER23-2484-000 (Sept. 22, 2023).</p>