## Tariff, Attachment Q Appendix 1

#### PJM MINIMUM PARTICIPATION CRITERIA

ANNUAL OFFICER CERTIFICATION FORM

Pa	articipant Name:	("Participant")			
his cer Access eprese					
1.	1. All employees or agents transacting in markets or services provided pursuant to the PJM Tariff of PJM Amended and Restated Operating Agreement ("PJM Operating Agreement") on behalf of the Participant have received appropriate training and are authorized to transact on behalf of Participant. As used in this representation, the term "appropriate" as used with respect to training means training that is (i) comparable to generally accepted practices in the energy trading industry and (ii) commensurate and proportional in sophistication, scope and frequency to the volume of transactions and the nature and extent of the risk taken by the participant.				
2.	Participant's independent risk managen Markets in which it participates and for services provided pursuant to the PJM T provide an appropriate, comprehensive identifies and documents the range of limited to credit risks, liquidity risks and "independent risk management function are independent of the Participant's tradi	nent policies, procedures, and controls, approved by nent function and applicable to transactions in any PJM or which employees or agents transacting in markets or ariff or PJM Operating Agreement have been trained, that risk management framework that, at a minimum, clearly risks to which Participant is exposed, including, but not market risks. As used in this representation, a Participant's "can include appropriate corporate persons or bodies that ng functions, such as a risk management committee, a risk committee, or a board or committee of the Participant's			
	Q, section III, with this Annual Officerisk management policies, procedure Markets as part of its initial applicat	or PJMSettlement, in accordance with Tariff, Attachment cer Certification Form, a copy of its current governing es and controls applicable to its activities in any PJM item pursuant to Attachment Q or because there have been plicies, procedures and controls applicable to its market led to PJM			
	market activities submitted to PJM c certification, Participant certifies tha	procedures and controls applicable to Participant's or PJMSettlement were submitted prior to the current at no substantive changes have been made to such plicable to its market activities since such			

3.	3. An FTR Participant must make either the following 3.a. or 3.b. additional representations evidenced by the undersigned officer initialing either the one 3.a. representation or the four 3.b representations in the spaces provided below:					
a. Participant transacts in PJM's FTR markets with the sole intent to congestion risk in connection with either obligations Participant has to se rights Participant has to generate electricity in the PJM Region ("physical and monitors all of the Participant's FTR market activity to endeavor to effect positions, considering both the size and pathways of the positions, a generally proportionate to or generally do not exceed the Participant's physical transactions, and remain generally consistent with the Participant's intent physical transactions.						
	b. On no less than a weekly basis, Participant values its FTR positions and engages in a probabilistic assessment of the hypothetical risk of such positions using analytically based methodologies, predicated on the use of industry accepted valuation methodologies.					
	Such valuation and risk assessment functions are performed either by persons within Participant's organization independent from those trading in PJM's FTR markets or by an outside firm qualified and with expertise in this area of risk management					
Having valued its FTR positions and quantified their hypothetical risks, Participant applies its written policies, procedures and controls to limit its risks using industry recognized practices, such as value-at-risk limitations, concentration limits, or othe controls designed to prevent Participant from purposefully or unintentionally taking risk that is not commensurate or proportional to Participant's financial capability to manage such risk.						
	Exceptions to Participant's written risk policies, procedures and controls applicable to Participant's FTR positions are documented and explain a reasoned basis for the granting of any exception.					
4.	. Participant has appropriate personnel resources, operating procedures and technical abilities to promptly and effectively respond to all PJM and PJMSettlement communications and directions.					
5.	Participant has demonstrated compliance with the Minimum Capitalization criteria set forth in Tariff, Attachment Q that are applicable to any PJM Markets in which Participant transacts, and is not aware of any change having occurred or being imminent that would invalidate such compliance.					
6.	All Participants must certify and initial in at least one of the four sections below:					
	I certify that Participant qualifies as an "appropriate person" as that term is defined under section 4(c)(3), or successor provision, of the Commodity Exchange Act or an "eligible contract participant" as that term is defined under section 1a(18), or successor provision, of the Commodity Exchange Act. I certify that Participant will cease transacting in any PJM Markets and notify PJM and PJMSettlement immediately if Participant no longer qualifies as an "appropriate person" or "eligible contract participant."					

If providing audited financial statements, which shall be in US GAAP format or any other format acceptable to PJM, to support Participant's certification of qualification as an "appropriate person:"

I certify, to the best of my knowledge and belief, that the audited financial statements provided to PJM and/or PJMSettlement present fairly, pursuant to such disclosures in such audited financial statements, the financial position of Participant as of the date of those audited financial statements. Further, I certify that Participant continues to maintain the minimum \$1 million total net worth and/or \$5 million total asset levels reflected in these audited financial statements as of the date of this certification. I acknowledge that both PJM and PJMSettlement are relying upon my certification to maintain compliance with federal regulatory requirements.

If not providing audited financial statements to support Participant's certification of
qualification as an "appropriate person," Participant certifies that they qualify as an
"appropriate person" under one of the entities defined in section 4(c)(3)(A)-(J) of the
Commodities Exchange Act

If providing audited financial statements, which shall be in US GAAP format or any other format acceptable to PJM, to support Participant's certification of qualification as an "eligible contract participant:"

I certify, to the best of my knowledge and belief, that the audited financial statements provided to PJM and/or PJMSettlement present fairly, pursuant to such disclosures in such audited financial statements, the financial position of Participant as of the date of those audited financial statements. Further, I certify that Participant continues to maintain the minimum \$1 million total net worth and/or \$10 million total asset levels reflected in these audited financial statements as of the date of this certification. I acknowledge that both PJM and PJMSettlement are relying upon my certification to maintain compliance with federal regulatory requirements.

If not providing audited financial statements to support Participant's certification of qualification as an "eligible contract participant," Participant certifies that they qualify as an "eligible contract participant" under one of the entities defined in section 1a(18)(A) of the Commodities Exchange Act.

b. I certify that Participant has provided an unlimited Corporate Guaranty in a form acceptable to PJM as described in Tariff, Attachment Q, section III.D from an issuer that has at least \$1 million of total net worth or \$5 million of total assets per Participant for which the issuer has issued an unlimited Corporate Guaranty. I also certify, to the best of my knowledge and belief, that the audited financial statements provided to PJM and/or PJMSettlement present fairly, pursuant to such disclosures in such audited financial statements, the financial position of the issuer as of the date of those audited financial statements. Further, I certify that Participant will cease transacting PJM's Markets and notify PJM and PJMSettlement immediately if issuer of the unlimited Corporate Guaranty for Participant no longer has at least \$1 million of total net worth or \$5 million of total assets per Participant for which the issuer has issued an unlimited Corporate Guaranty.

I certify that the issuer of the unlimited Corporate Guaranty to Participant continues to have at least \$1 million of total net worth or \$5 million of total assets per Participant for which the issuer has issued an unlimited Corporate Guaranty. I acknowledge that PJM and

PJMSettlement are relying upon my certifications to maintain compliance with federal

regulatory requirements.  c. I certify that Participant fulfills the eligibility requirements.  Trading Commission exemption order (78 F.R. 198 business of at least one of the following in the PJM applicable):		y that Participant fulfills the eligibili g Commission exemption order (78) ss of at least one of the following in	F.R. 19880 – April 2, 2013) by being in the	
		1.	Generating electric energy, including from an entity generating electric e	ng Participants that resell physical energy acquired nergy:
		2.	Transmitting electric energy:	
		3.		ed under Point-to-Point or Network Integration heduled import, export and wheel through
		4.	Other electric energy services that a the transmission system:	are necessary to support the reliable operation of
			Description only if c(4) is initialed:	
	d.	and PJ function relying required I certiff PJMSe Attach credit is are relying and place.	MSettlement immediately if Particip ons noted above in the PJM Region. It is on my certification to maintain comments.  By that Participant has provided a Lettertlement in a form acceptable to PJM ment Q, section V.B that the Participate requirements to PJM and PJMSettlement.	transacting in any PJM Markets and notify PJM ant no longer performs at least one of the I acknowledge that PJM and PJMSettlement are upliance with federal energy regulatory  ter of Credit of \$5 million or more to PJM or I and/or PJMSettlement as described in Tariff, want acknowledges cannot be utilized to meet its ment. I acknowledge that PJM and PJMSettlement credit and my certification to maintain ments.
7.	I acknowledge that I have read and understood the provisions of Tariff, Attachment Q applicable to Participant's business in any PJM Markets, including those provisions describing PJM's Minimum Participation Requirements and the enforcement actions available to PJM and PJMSettlement of a Participant not satisfying those requirements. I acknowledge that the information provided herein is true and accurate to the best of my belief and knowledge after definivestigation. In addition, by signing this certification, I acknowledge the potential consequence of making incomplete or false statements in this Certification.			
Date: _				Participant (Signature)
			Print Name: Title:	