	Governing Document, Agreement, Attachment , Section,	Current Language	Proposed Revisions	Rationale/Notes
1	Title Tariff	Annual Revenue Rate:	Annual Revenue Rate:	Attachment DD, section 11 is no longer
1		"Annual Revenue Rate" shall mean the rate employed to assess a		relevant under Capacity Performance
	В		compliance penalty charge on a Curtailment Service Provider	
		under Tariff, Attachment DD, section 11.	under Tariff, Attachment DD, section 11.	definition is obsolete.
2	Tariff	·	Daily Deficiency Rate:	Attachment DD, section 9 is no longer
		"Daily Deficiency Rate" shall mean the rate employed to assess		relevant under Capacity Performance
	·		certain Deficiency charges under Tariff, Attachment DD, section	
		7, Tariff, Attachment DD, section 8, Tariff, Attachment DD,	7, Tariff, Attachment DD, section 8, Tariff, Attachment DD,	
		section 9, or Tariff, Attachment DD, section 13.	section 9, or Tariff, Attachment DD, section 13.	
3	Tariff, Att.	A Member that has committed capacity through an RPM	A Member that has committed capacity through an RPM	Final EFORd has been replaced with
	DD, Section	Auction for a Delivery Year may purchase Locational UCAP as	Auction for a Delivery Year may purchase Locational UCAP as	Accredited UCAP Factor under CIFP-RA
	5.3A	1	replacement capacity from a Member with available	changes (ER24-99). Tariff, Att DD,
			uncommitted capacity for such Delivery Year in accordance with	` / 1
			the terms of this section and the PJM Manuals. Locational	and is no longer effective. Tariff Att DD,
			UCAP may not be sold or purchased prior to the date that the	Section 9 Peak Season Maintenance
		<b>,</b> , , , , , , , , , , , , , , , , , ,	final EFORD-Accredited UCAP Factor is established for such	Compliance Penalty Charge, Section 10
			Delivery Year, and if designated to PJM by the Locational	Peak-Hour Period Availability Charges and
			UCAP Seller as sold prior to the Third Incremental Auction for a	· ·
			Delivery Year must be confirmed by the buyer prior to such	and ILR Compliance Penalty Charge are no
			Third Incremental Auction as purchased for replacement	longer relevant under Capacity
		transaction shall be rejected. In accordance with procedures	capacity, or such transaction shall be rejected. In accordance	Performance construct. Locational UCAP
		specified in the PJM Manuals, the parties to a Locational UCAP		Seller is subject to charges imposed under
		· · · · · · · · · · · · · · · · · · ·		Section 7A Generation Operational Testing
			transaction, which notification must specify: i) the buyer, ii) the	
				Management Test Failure Charge.
			transaction (which may not be retroactive), iv) the Locational	
			UCAP amount (no less than 0.1 megawatts), v) the demand or	
		available uncommitted capacity that is the basis for the sale, vi)	generation resource with available uncommitted capacity that is	

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Governing Document,	Current Language	Proposed Revisions	Rationale/Notes
Agreement, Attachment			
, Section,			
Title	the Locational Delivery Area in which the resource is located,	the hosis for the sale wi) the Legational Delivery Americantich	
	and vii) effective with the 2022/2023 Delivery Year, to the	the basis for the sale, vi) the Locational Delivery Area in which the resource is located., and vii) effective with the 2022/2023	
	extent such resource does not qualify for one of the categorical	Delivery Year, to the extent such resource does not qualify for	
	exemptions described in Tariff, Attachment DD, sections 5.14(h-		
	1)(5) through 5.14(h-1)(8), the resource's Capacity Resource	Tariff, Attachment DD, sections 5.14(h-1)(5) through 5.14(h-	
	with State Subsidy status, including whether or not, for that	1)(8), the resource's Capacity Resource with State	
	Delivery Year, any State Subsidy will be received associated	Subsidy status, including whether or not, for that Delivery Year,	
	with that Capacity Resource. The Locational UCAP Seller shall		
	be responsible for any charges imposed under sections 7, 8, 9,	Resource. The Locational UCAP Seller shall be responsible for	
		any charges imposed under sections 7, 7A, 8, <del>9, 10,</del> 10A, <del>11,</del>	
	respect to the increment of capacity sold as Locational UCAP;	11A, or 13, as applicable, for such Delivery Year, with respect to	)
	any other settlement of charges under the Locational UCAP	the increment of capacity sold as Locational UCAP; any other	
	transaction shall be between the parties. A purchaser of	settlement of charges under the Locational UCAP transaction	
	Locational UCAP may not offer such capacity into an RPM Auction.	shall be between the parties. A purchaser of Locational UCAP may not offer such capacity into an RPM Auction.	
4 Tariff, Att.	i) The Office of the Interconnection shall	i) The Office of the Interconnection shall	An adjustment to account for adders paid to
DD, Section	calculate and post the Preliminary Zonal Capacity Prices for	calculate and post the Preliminary Zonal Capacity Prices for	Annual Resources and Extended Summer
5.14 (f)(i) &	each Delivery Year following the Base Residual Auction for	each Delivery Year following the Base Residual Auction for	Demand Resources is no longer relevant
(ii)	such Delivery Year. The Preliminary Zonal Capacity Price for	such Delivery Year. The Preliminary Zonal Capacity Price for	under the Capacity Performance construct.
		each Zone shall be the sum of: 1) the marginal value of system	This adjustment is no longer required with
	capacity for the PJM Region, without considering locational	capacity for the PJM Region, without considering locational	the expiration of Extended Summer
	constraints; 2) the Locational Price Adder, if any, for the LDA in	constraints; 2) the Locational Price Adder, if any, for the LDA in	Demand Resource and Limited Demand
	which such Zone is located; provided however, that if the Zone	which such Zone is located; provided however, that if the Zone	Resource products.
	contains multiple LDAs with different Capacity Resource	contains multiple LDAs with different Capacity Resource	
	Clearing Prices, the Zonal Capacity Price shall be a weighted	Clearing Prices, the Zonal Capacity Price shall be a weighted	
	average of the Capacity Resource Clearing Prices for such	average of the Capacity Resource Clearing Prices for such	
	LDAs, weighted by the Unforced Capacity of Capacity	LDAs, weighted by the Unforced Capacity of Capacity	
	Resources cleared in each such LDA; 3) an adjustment, if	Resources cleared in each such LDA; 3) an adjustment, if	

**Item 4 - GDECS Chart of Tariff Revisions** 

Governing Document, Agreement, Attachment , Section, Title	Current Language	Proposed Revisions	Rationale/Notes
	to account for Resource Make-Whole Payments; and (5) an adjustment, if required to provide sufficient revenue for payment of any PRD Credits, all as determined in accordance with the optimization algorithm.  ii) The Office of the Interconnection shall calculate and post the Adjusted Zonal Capacity Price following each Incremental Auction. The Adjusted Zonal Capacity Price for each Zone shall equal the sum of: (1) the average marginal value of system capacity weighted by the Unforced Capacity cleared in all auctions previously conducted for such Delivery Year (excluding any Unforced Capacity cleared as replacement capacity); (2) the average Locational Price Adder weighted by the Unforced Capacity cleared in all auctions previously conducted for such Delivery Year (excluding any Unforced Capacity cleared as replacement capacity); (3) an adjustment, if required, to account for adders paid to Annual Resources and Extended Summer Demand Resources for all auctions previously conducted for such Delivery Year (excluding any Unforced Capacity cleared as replacement capacity); (4) an adjustment, if required, to account for Resource Make-Whole Payments for all actions previously conducted (excluding any Resource Make-Whole Payments to be charged to the buyers of replacement capacity); and (5) an adjustment, if	required, to account for adders paid to Annual Resources and Extended Summer Demand Resources in the LDA for which the zone is located; 4) an adjustment, if required, to account for Resource Make-Whole Payments; and (54) an adjustment, if required to provide sufficient revenue for payment of any PRD Credits, all as determined in accordance with the optimization algorithm.  ii) The Office of the Interconnection shall calculate and post the Adjusted Zonal Capacity Price following each Incremental Auction. The Adjusted Zonal Capacity Price for each Zone shall equal the sum of: (1) the average marginal value of system capacity weighted by the Unforced Capacity cleared in all auctions previously conducted for such Delivery Year (excluding any Unforced Capacity cleared as replacement capacity); (2) the average Locational Price Adder weighted by the Unforced Capacity cleared in all auctions previously conducted for such Delivery Year (excluding any Unforced Capacity cleared as replacement capacity); (3) an- adjustment, if required, to account for adders paid to Annual Resources and Extended Summer Demand Resources for all auctions previously conducted for such Delivery Year (excluding any Unforced Capacity cleared as replacement capacity); (4) an adjustment, if required, to account for Resource Make-Whole Payments for all actions previously conducted (excluding any Resource Make-Whole Payments to be charged to the buyers of replacement capacity); and (54) an adjustment, if required to provide sufficient revenue for payment of any PRD	

Governing Document, Agreement, Attachment , Section,	Current Language	Proposed Revisions	Rationale/Notes
Title	Credits. The Adjusted Zonal Capacity Price may decrease if Unforced Capacity is decommitted or the Resource Clearing Price decreases in an Incremental Auction.	Credits. The Adjusted Zonal Capacity Price may decrease if Unforced Capacity is decommitted or the Resource Clearing Price decreases in an Incremental Auction.	
5 Tariff, Att. DD, Section 7A (a)	to improve the likelihood that Generation Capacity Resources will be capable of operating within their specified operating parameters during a reliability event, Generation Capacity Resources, with the exception of Variable Resources, that are committed in RPM Auctions or are included in a FRR Plan shall be subject to operational testing initiated by the Office of the Interconnection up to two times in each of the summer and winter seasons during the relevant Delivery Year, and as further detailed in the PJM Manuals. The selection of Generation Capacity Resources subject to testing pursuant to this section and the timing of an operational test shall be determined by the Office of the Interconnection, and may consider a number of factors, including the period of time since a unit last operated, the system conditions under which the unit has recently operated, the expected system conditions during the operational test, and the recent performance of units with respect to successfully starting and operating within the specified parameters when scheduled by the Office of the Interconnection. Such tests will respect operating parameter limits of the available schedule that the Office of the Interconnection selects	section and the timing of an operational test shall be determined by the Office of the Interconnection, and may consider a number of factors, including the period of time since a unit last operated, the system conditions under which the unit has recently operated, the expected system conditions during the operational test, and the recent performance of units with respect to successfully starting and operating within the specified	Make-whole payments are assessed to the Market Seller of the resource in the Energy Market. The Capacity Market Seller of the resource in the Capacity Market may be different than the Energy Market Seller of such resource in the Energy Market.

	Governing Document, Agreement, Attachment , Section,	Current Language	Proposed Revisions	Rationale/Notes
	Title			
		and operates for the unit's minimum run time as specified in the selected schedule; otherwise, such resource shall be deemed to fail the test. Following a failed test or a failed re-test, the Office of Interconnection may issue a re-test of the resource once the resource is made available for scheduling. A re-test initiated by the Office of the Interconnection has the same requirements as the initial test. The re-test is considered to be part of the same operational test, and does not count as a second test initiated by the Office of Interconnection for the relevant season. Resources shall not be eligible to be made whole for PJM initiated re-tests following a failed test. If a re-test is issued by PJM and the unit fails to successfully start and synchronize to the grid during such re-test, a Generation Capacity Resource operational test failure charge shall be assessed until such time as the unit successfully starts and synchronizes to the grid.	Appendix, section 3.2.3(e). A committed Generation Capacity Resource shall be deemed to pass a test initiated by the Office of the Interconnection if the resource successfully starts and synchronizes to the grid within the specified notification and startup time (plus the greater of 10% time to start or ten minutes) and operates for the unit's minimum run time as specified in the selected schedule; otherwise, such resource shall be deemed to fail the test. Following a failed test or a failed re-test, the Office of Interconnection may issue a re-test of the resource once the resource is made available for scheduling. A re-test initiated by the Office of the Interconnection has the same requirements as the initial test. The re-test is considered to be part of the same operational test, and does not count as a second test initiated by the Office of Interconnection for the relevant season. Resources shall not be eligible to be made whole for PJM initiated re-tests following a failed test. If a re-test is issued by PJM and the unit fails to successfully start and synchronize to the grid during such re-test, a Generation Capacity Resource operational test failure charge shall be assessed until such time as the unit successfully starts and synchronizes to the grid.	
6		Tariff, Att DD, Section 9, Peak Season Maintenance Compliance Penalty Charge <a href="https://agreements.pjm.com/oatt/5162">https://agreements.pjm.com/oatt/5162</a>	Delete the entirety of Tariff, Att. DD, Section 9, Peak Season Maintenance Compliance Penalty Charge, and entitle this section [Reserved] <a href="https://agreements.pjm.com/oatt/5162">https://agreements.pjm.com/oatt/5162</a> 5	Att DD, Section 9 is no longer relevant under Capacity Performance construct. The provisions of section 9 do not apply to Capacity Performance Resources or Seasonal Capacity Performance Resources.

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Agreement, Attachment , Section, Title			
Compliance Penalty Charge			
7 Tariff, Att. DD, Section 10, Peak-Hour Period Availability Charges and Credits	Tariff, Att DD, Section 10, Peak-Hour Period Availability Charges and Credits <a href="https://agreements.pjm.com/oatt/5163">https://agreements.pjm.com/oatt/5163</a>	Delete the entirety of Att DD, Section 10, Peak-Hour Period Availability Charges and Credits, and entitle this section [Reserved]  https://agreements.pjm.com/oatt/5163	Att DD, Section 10 has passed sunset date and is no longer relevant under Capacity Performance construct. The sunset date is contained within the affected language.
8 Tariff, Att. DD, Section 11 Demand Resource and ILR Compliance Penalty Charge	Tariff, Att DD, Section 11 Demand Resource and ILR Compliance Penalty Charge <a href="https://agreements.pjm.com/oatt/5164">https://agreements.pjm.com/oatt/5164</a>	Delete the entirety of Att DD, Section 11, Demand Resource and ILR Compliance Penalty Charge, and entitle this section [Reserved]	Att DD, Section11 is no longer relevant under Capacity Performance construct. The provisions of section 11 do not apply to Capacity Performance Resources or Seasonal Capacity Performance Resources.
9 Tariff, Article 1, Definitions E-F – Energy Market Opportunity Cost  OA, Article 1, Definitions E- F – Energy Market	"Energy Market Opportunity Cost" shall mean the difference between (a) the forecasted cost to operate a specific generating unit when the unit only has a limited number of available run hours due to limitations imposed on the unit by Applicable Laws and Regulations and (b) the forecasted future Locational Marginal Price at which the generating unit could run while not violating such limitations. Energy Market Opportunity Cost therefore is the value associated with a specific generating unit's lost opportunity to produce energy during a higher valued period of time occurring within the same compliance period, which	unit by Applicable Laws and Regulations and (b) the forecasted future Locational Marginal Price at which the generating unit could run while not violating such limitations. Energy Market Opportunity Cost therefore is the value associated with a specific	This section is being clarified in conformance with other clarifications regarding opportunity costs to align the definition of Energy Market Opportunity Cost with language in OA, Schedule 2 which describes those opportunity costs to encompass all operational limitations.

	Governing Document, Agreement,	Current Language	Proposed Revisions	Rationale/Notes
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	11		the applicable regulatory authority and is reflected in the rules	
	Cost	15PDF. Energy Market Opportunity Costs shall be limited to those resources which are specifically delineated in Operating	set forth in PJM Manual 15PDF. Energy Market Opportunity Costs shall be limited to those resources which are specifically	
		Agreement, Schedule 2.	delineated in Operating Agreement, Schedule 2.	
10	OA. Schedule	A cost-based offer, as defined in Operating Agreement,	A cost-based offer, as defined in Operating Agreement, Schedule	This section is being clarified in
		Schedule 1, section 1.2, is a three-part offer consisting of Start-	1, section 1.2, is a three-part offer consisting of Start-up Costs,	conformance with other clarifications
				regarding opportunity costs to align the
			are as defined in Operating Agreement, section 1.	definition of Energy Market Opportunity
	Components to			Cost with language in OA, Schedule 2
		The following lists the categories of cost that may be applicable		which describes those opportunity costs to
		to a Market Participant's three-part cost-based offer:	to a Market Participant's three-part cost-based offer:	encompass all operational limitations.
	Offers			
		(a) For Start-up Costs Fuel cost	(a) For Start-up Costs Fuel cost	
			Emission allowances/adders	
			Maintenance Adders	
			Operating costs	
			Station service	
			Opportunity Costs	
		(b) For No-load Costs		
		Fuel cost	(b) For No-load Costs	
		Emission allowances/adders	Fuel cost	
			Emission allowances/adders	
			Maintenance Adders	
			Operating costs	
		(c) Incremental Costs in Incremental Energy Offers Fuel cost	Opportunity Costs	
		Emission allowances/adders	(c) Incremental Costs in Incremental Energy Offers	

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		Maintenance Adders	Fuel cost	
		Operating costs	Emission allowances/adders	
		Opportunity Costs	Maintenance Adders	
			Operating costs	
			Opportunity Costs	
11	OA, Schedule			This section is being clarified in
	2, section 5 –	because it only has a limited number of starts or available run	because it only has a limited number of starts or available run	conformance with other clarifications
	Opportunity		hours resulting from (i) the physical equipment limitations of the	
	Costs			definition of Energy Market Opportunity
		recommendations or insurance carrier restrictions, or (ii) a fuel	recommendations or insurance carrier restrictions, or (ii) a fuel	Cost with language in OA, Schedule 2
				which describes those opportunity costs to
		Catastrophic Force Majeure, the Market Participant may include		encompass all operational limitations.
		a calculation of its "Opportunity Costs" which is an amount	a calculation of its "Opportunity Costs" which is an amount	
		reflecting the unit-specific Non-Regulatory Opportunity Costs	reflecting the unit-specific Non-Regulatory Opportunity Costs	
		expected to be incurred. Such unit-specific Non-Regulatory	expected to be incurred. Such unit-specific Non-Regulatory	
		Opportunity Costs are calculated by forecasting Locational	Opportunity Costs are calculated by forecasting Locational	
		Marginal Prices based on future contract prices for electricity	Marginal Prices based on future contract prices for electricity	
		using PJM Western Hub forward prices, taking into account	using PJM Western Hub forward prices, taking into account	
		historical variability and basis differentials for the bus at which	historical variability and basis differentials for the bus at which	
		the generating unit is located for the prior three year period	the generating unit is located for the prior three year period	
		immediately preceding the period of time in which the unit is	immediately preceding the period of time in which the unit is	
		bound by the referenced restrictions, and subtract therefrom the	bound by the referenced restrictions, and subtract therefrom the	
		forecasted costs to generate energy at the bus at which the	forecasted costs to generate energy at the bus at which the	
		generating unit is located, as specified in more detail in PJM Manual 15PDF. If the difference between the forecasted	generating unit is located, as specified in more detail in PJM Manual 15PDF. If the difference between the forecasted	
		Locational Marginal Prices and forecasted costs to generate	Locational Marginal Prices and forecasted costs to generate	
		energy is negative, the resulting Non-Regulatory Opportunity	energy is negative, the resulting Non-Regulatory Opportunity	
		Cost shall be zero.	Cost shall be zero.	

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	, Section, Title			
12	Tariff,	` /	· /	This language was intended to be part of
				the Hybrids Phase II proposal in Docket
	1 1	•	Synchronized Reserve, as specified in section 1.7.19A(a), in	No. ER23-2484-000 but was overlooked
			section 1.7.19A.01(a) and in the PJM Manuals, (B) are located	when revisions were developed.
	1.10.1A(j)(i)(2		within the metered boundaries of the PJM Region, and (C) have	
	)		submitted offers for the supply of energy into the Day-ahead	
		••	Energy Market and/or Real-time Energy Market shall be deemed	
			to have made their reserve capability available to provide	
			Synchronized Reserve or Non-Synchronized Reserve in the Day-	
			ahead Energy Market and/or Real-time Energy Market for each	
		each clock hour for which the Market Seller submits an available		
		offer to supply energy; provided, however that hydroelectric	offer to supply energy; provided, however that hydroelectric	
			generation resources, Hybrid Resources, and Energy Storage	
		automatically deemed available to provide reserves based on the		
			reserves based on the submission of an available energy offer but	
		11 7 7	may submit offers to supply Synchronized Reserve and Non-	
1.2			Synchronized Reserve, as applicable.	
13	,	(1) For each offer to supply reserves by a synchronized	(1) For each offer to supply reserves by a synchronized	This language was intended to be part of
				the Hybrids Phase II proposal in Docket
	Appendix,		MW of available Synchronized Reserve capability offered in the	
			Day-ahead Energy Market and Real-time Energy Market, in	when revisions were developed.
	•/ / / /		accordance with the PJM Manuals; except, however, that the	
	1)		Office of the Interconnection will not make such determination	
		'	for hydroelectric generation resources, Hybrid Resources, or	
			Energy Storage Resources. Hydroelectric generation resources, Hybrid Resources, and Energy Storage Resources may submit	
		, ,	offers for their available Synchronized Reserve capability as part	
		Synchronized Reserve capability as part of their offer into the Synchronized Reserve market, provided that such offer equals or	· · · · · · · · · · · · · · · · · · ·	
		synchronized Reserve market, provided that such other equals of	9	

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		exceeds 0.1 MW; however, any such resource which is subject to the must offer requirements in section 1.10.1A(j)(i) above must submit a Synchronized Reserve offer which specifies the MW of available Synchronized Reserve capability in order to remain compliant with such requirements.	that such offer equals or exceeds 0.1 MW; however, any such resource which is subject to the must offer requirements in section 1.10.1A(j)(i) above must submit a Synchronized Reserve offer which specifies the MW of available Synchronized Reserve capability in order to remain compliant with such requirements.	
14	Appendix, section 1.10.1A(m)(i)(2)	(2) Market Sellers of all other generation resources located within the metered boundaries of the PJM Region that submit offers for the supply of energy into the Day-ahead Energy Market and/or Real-time Energy Market and are capable of	(2) Market Sellers of all other generation resources located within the metered boundaries of the PJM Region that submit offers for the supply of energy into the Day-ahead Energy	This language was intended to be part of the Hybrids Phase II proposal in Docket No. ER23-2484-000 but was overlooked when revisions were developed.
15	Appendix, section	(1) For each offer to supply Secondary Reserve by a generation resource, the Office of the Interconnection shall determine the MW of available Secondary Reserve capability offered in the Day-ahead Energy Market and Real-time Energy Market in accordance with the PJM Manuals; except, however, that the Office of the Interconnection will not make such determination for hydroelectric generation resources or Energy Storage Resources. Hydroelectric generation resources or Energy Storage Resources may submit their available Secondary	(1) For each offer to supply Secondary Reserve by a generation resource, the Office of the Interconnection shall determine the MW of available Secondary Reserve capability offered in the Day-ahead Energy Market and Real-time Energy Market in accordance with the PJM Manuals; except, however, that the Office of the Interconnection will not make such determination for hydroelectric generation resources, Hybrid Resources, or Energy Storage Resources. Hydroelectric	This language was intended to be part of the Hybrids Phase II proposal in Docket No. ER23-2484-000 but was overlooked when revisions were developed.

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		requirements in section 1.10.1A(m)(i) above must submit a	