Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
OA Schedule 1 Sec. 1.5A.10 – Aggregation for Economic Load Response Registrations		Addresses requirements for how Economic Load Participant aggregations can be structured	– Redlines remove language specific to the existing reserve sub-zone construct to reflect the change to the reserve locational design.
OA Schedule 1 Sec. 1.7.19A – Synchronized Reserve		Addresses the eligibility requirements for resources providing Synchronized Reserve	– Updated for clarity and consistency – Removal of language that speaks to existing reserve sub-zone design – Updated to reflect the 30-minute duration requirement
OA Schedule 1 Sec. 1.7.19A.01-05		Address the eligibility requirements for the new or substantially redesigned reserve products.	– Address the eligibility requirements for resources providing each reserve product, including: o Speed of response o Online vs. offline posture o Duration requirement – Included language on how the reserve requirement for each corresponding reserve service is calculated
OA Schedule 1 Sec. 1.7.19B – Bilateral Transactions		Formerly titled “Bilateral Transactions Regarding Regulation, Synchronized Reserve, Non-Synchronized Reserve and Secondary Reserve,” this sub-section	– Removal of the Synchronized Reserve, Non-Synchronized Reserve and Secondary Reserve products from this section

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
Regarding Regulation		addresses the rules governing bilateral transactions for ancillary services.	
OA Schedule 1 Sec. 1.10.1 – General		Provides the general rules and provisions for resource scheduling	– Removal of Non-Synchronized Reserve – Updates to reflect new reserve products
OA Schedule 1 Sec. 1.10.1A – Day-ahead and Real-time Energy Market Scheduling		Addresses offer rules, including reserve offers	– Removal of Secondary Reserve maximum MW parameter – Updates to the offer price rules for Emergency and Pre-Emergency Load Response – New offer rules for new and existing reserve products
OA Schedule 1 Sec. 1.10.3 – Self-schedule Resources		Addresses rules for self-scheduling, including for the self-scheduling of reserves	– Updates reflect the addition of new products – Stipulates that Synchronized Reserve will continue to be the only reserve product that resources may self-schedule
OA Schedule 1 Sec. 1.10.9A – Updating Offers in Real-time		Addresses rules on how offers can be updated by Market Participants in real-time	– Removal of Secondary Reserve maximum MW parameter

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
OA Schedule 1 Sec. 1.10.9B – Offer Parameter Flexibility		Provides additional detail on how Market Participants can update offers, including offer components that may not be updated at specific times	– Addition of new reserve products – Updates to reflect the offer update rules specific to the day-ahead only reserve product – Removal of the Secondary Reserve maximum MW parameter
OA Schedule 1 Sec. 1.11.4A-F		Address how Market Buyers meet their reserve obligations and how the Office of Interconnection shall clear reserves in real-time dispatch	– Removal of bilateral contracting for reserves to meet the Market Buyer obligation – Change to the locational design and removal of the Reserve Sub-zone – Addition of the new products
OA Schedule 1 Sec. 1.12 – Dynamic Transfers		Addresses the rules governing Dynamic Transfers	– Updates reflect the new reserve products – Stipulates that Pseudo-ties are eligible to provide the new reserve products, which aligns with rules for existing reserve products
OA Schedule 1 Sec. 2.5 – Calculation of Real-time Prices	(a-c)	Addresses how Real-time Prices are calculated, including the co-optimization of energy and reserves	– General clean-up of language for clarity – Replacing the Reserve Penalty Factor terminology with Operating Reserve Demand Curve
OA Schedule 1 Sec. 2.5 – Calculation of Real-time Prices	(e-i)	Addresses how reserve prices are set in the Real-time Market	– Description of how locational prices will be set in each sub-section as follows: (e) Synchronized Reserve (f) 10-minute Ramp and Uncertainty Reserve Up (g) 10-minute Ramp and Uncertainty Reserve Down (h) 30-minute Ramp and Uncertainty Reserve

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
			(i) Secondary Reserve
OA Schedule 1 Sec. 2.5.1 – Prices During Emergency Actions		Addresses the emergency alerts issued by PJM and how administrative pricing works during emergency actions.	– Removal of language on declaring of scarcity pricing as this is more generally reflected in language on the co-optimization of energy and reserves – Removal of language related to the Primary Reserve Alert and Primary Reserve Warning – Updates to the language on pricing during emergency actions to specify how administrative pricing will work under Voltage Reduction and Manual Load Dump Actions
OA Schedule 1 Sec. 2.6 – Calculation pf Day-ahead Prices	(a)	Addresses how Day-ahead Prices are calculated, including the co-optimization of energy and reserves	– General clean-up of language for clarity – Addition of new reserve products
OA Schedule 1 Sec. 2.6 – Calculation pf Day-ahead Prices	(b-g)	Addresses how reserve prices are set in the Day-ahead Market	– Description of how locational prices will be set in each sub-section as follows: (j) Synchronized Reserve (k) 10-minute Ramp and Uncertainty Reserve Up (l) 10-minute Ramp and Uncertainty Reserve Down (m)30-minute Ramp and Uncertainty Reserve (n) Secondary Reserve, and (o) RTO-level prices for 60-minute Reserves
OA Schedule 1 Sec. 5.6.2 – Default Transmission		Addresses the default Transmission Constraint	– Specifies that the existing default Transmission Constraint Penalty Factor rules are for the flow of energy

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
Constraint Penalty Factors		Penalty Factors used in setting locational prices	– Addition of language to address new rules for the default Transmission Constraint Penalty Factor for reserve deliverability to align with the new locational reserve design
OA Schedule 1 Sec. 5.6.3 – Modifications Transmission Constraint Penalty Factors		Addresses the rules governing adjustments to the default Transmission Constraint Penalty Factor values	– Specifies that the existing rules for adjusting the default Transmission Constraint Penalty Factors for the flow of energy are specific to the flow of energy – Addition of language to address new rules for adjusting the default Transmission Constraint Penalty Factors for reserve deliverability when the Transmission Constraint Penalty Factors for energy flow are adjusted
OA Schedule 1 Sec. 3.2.3 – Energy Uplift	(e-1)	Describes the calculation of the Tracking Ramp Limited Desired MW metric.	– Inclusion of down ramp reserve products in the calculation of the adjusted tracking metric – Renaming of terms to be consistent with the new reserve sections o Opportunity Cost Owed has been renamed Company Responsible Negative Reserve Revenues
OA Schedule 1 Sec. 3.2.3 – Energy Uplift	(e-2)	Describes the 3-step calculation of Energy Uplift, as recently revised through the Balancing Operating Reserve Credit Reform effort and approved by FERC for implementation in 2027.	– Inclusion of revenues from the new reserve markets in the Other Market Revenues that offset the energy uplift calculation – Renaming of terms to be consistent with the new reserve sections – Inclusion of reserve availability and non-performance charges in the Step 2 Energy Uplift calculation (uplift needed based on how the resource actually operated), but limited to the amount of charges that take the total reserve revenues for the affected market to zero so that any charges beyond the revenue received are excluded. – *Note that these charges are NOT included in the Step 1 Energy Uplift calculation (uplift needed based on how the resource was*

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
			expected to operate). Step 3 of the Energy Uplift calculation limits the amount of uplift paid to the lesser of the uplift calculated in Steps 1 and 2.
OA Schedule 1 Sec. 3.2.3 – Energy Uplift	(o)	Describes the calculation of generator deviations for the purposes of assessing energy uplift charges.	– Updates to the exemptions from generator deviations based on: o Secondary Reserve service no longer being provided by resources that are online and able to follow SCED dispatch o Removal of the Non-Synchronized Reserve product
OA Schedule 1 Sec. 3.2.3A – Synchronized Reserves	(a)	Describes responsibility to pay Synchronized Reserve charges	– Clean up / streamlining of wording – Removal of bilateral transactions – Responsibility for exports to pay for reserves, along with load – Moving the charge to a 5-minute level given, unlike reported load, exports are not static for an hour.
OA Schedule 1 Sec. 3.2.3A – Synchronized Reserves	(b)	Describes calculation of Synchronized Reserve Credits	– Clarifies how to convert the hourly day-ahead clearing price credit to a 5-minute level credit. – Removes aggregation of 5-minute credit to an hourly credit value. Hourly aggregation is no longer needed since charges will be allocated at the 5-minute interval level. – Removes capping of the real-time SR assignment in the calculation of balancing clearing price credits. This is no longer necessary with the introduction of synch reserve unavailability charges. – Updates to reflect the opportunity cost credit calculation (now named Reserve Market Uplift) being moved to a new section.
OA Schedule 1 Sec. 3.2.3A –	(d)	Describes the Synchronized Reserve Locational Clearing Prices.	– Removal of duplicative language on reserve clearing prices and reference to corresponding language in Sec. 2.

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
Synchronized Reserves			
OA Schedule 1 Sec. 3.2.3A – Synchronized Reserves	(e)	Describes how lost opportunity cost is reflected in reserve market clearing prices.	– Removal of language related to endogenously calculated lost opportunity cost for resources providing reserves as the co-optimization is discussed in Sec. 2.
OA Schedule 1 Sec. 3.2.3A – Synchronized Reserves	(f)	Described how the lost opportunity cost credits are calculated for each resource providing Synchronized Reserve.	– Sub-section was removed as it was superseded by a new section describing a unified lost opportunity cost credit calculation that is performed across all reserve market assignments. – See new 'Reserve Market Uplift Credits' section in 3.2.3A.03.
OA Schedule 1 Sec. 3.2.3A – Synchronized Reserves	(h)	Describes how Synchronized Reserve Lost Opportunity Cost Credits are allocated as charges to load	– This section was repurposed to indicate that load with a Synchronized Reserve Obligation will have an obligation to pay Reserve Market Uplift Charges. The details on the exact allocation of the charges have been moved to the new Reserve Market Uplift section (3.2.3A.03(j)).
OA Schedule 1 Sec. 3.2.3A – Synchronized Reserves	(j)	Describes how the non-performance charges for Synchronized Reserve non-performance are calculated as well as how the credits are allocated.	– Updated to reflect the new non-performance charges – Updated to reflect that credits will be interval based (rather than hourly) to reflect the inclusion of exports – Updated to reflect removal of the reserve sub-zone under the new locational design

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
OA Schedule 1 Sec. 3.2.3A – Synchronized Reserves	(m)	New section describing the unavailability charges for Synchronized Reserve	– Added to reflect the unavailability charges for resources that fail to follow PJM dispatch instructions and thereby don't maintain availability to provide assigned reserves – Detailed allocation of unavailability charges as credits to load plus exports.
OA Schedule 1 Sec. 3.2.3A.001 – 10-minute Ramp and Uncertainty Reserve Up	(a-h)	This section formerly addressed Non-Synchronized Reserve and now addresses 10-minute Ramp and Uncertainty Reserve Up	– New language addresses rules for 10-minute Ramp and Uncertainty Reserve Up, parallel to the provisions for Synchronized Reserve in the previous section. This includes: o Reserve obligation o Reserve credits o Reserve clearing prices o Non-availability charges
OA Schedule 1 Sec. 3.2.3A.002 – 10-minute Ramp and Uncertainty Reserve Down	(a-e)	This is a new section that addresses rules for 10-minute Ramp and Uncertainty Reserve Down	– New language addresses rules for 10-minute Ramp and Uncertainty Reserve Down, parallel to the provisions for other reserves in the previous sections. This includes: o Reserve obligation o Reserve credits o Reserve clearing prices o Non-availability charges
OA Schedule 1 Sec. 3.2.3A.003 – 30-minute Ramp and	(a-e)	This is a new section that addresses rules for 30-minute Ramp and Uncertainty Reserve	– New language addresses rules for 30-minute Ramp and Uncertainty Reserve, parallel to the provisions for other reserves in the previous sections. This includes: o Reserve obligation o Reserve credits o Reserve clearing prices

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
Uncertainty Reserve			○ Non-availability charges
OA Schedule 1 Sec. 3.2.3A.004 – 30-minute Ramp and Uncertainty Reserve	(a-f)	This is a new section that addresses rules for 30-minute Ramp and Uncertainty Reserve	– New language addresses rules for 30-minute Ramp and Uncertainty Reserve, parallel to the provisions for other reserves in the previous sections. This includes: ○ Reserve obligation ○ Reserve credits ○ Reserve clearing prices ○ Non-performance charges ○ Non-availability charges
OA Schedule 1 Sec. 3.2.3A.01 – Secondary Reserve	(a)	Describes responsibility to pay Secondary Reserve charges	– Clean up / streamlining of wording – Removal of bilateral transactions – Responsibility for exports to pay for reserves, along with load – Moving the charge to a 5-minute level given, unlike reported load, exports are not static for an hour.
OA Schedule 1 Sec. 3.2.3A.01 – Secondary Reserve	(b)	Describes calculation of Secondary Reserve Credits	– Clarifies how to convert the hourly day-ahead clearing price credit to a 5-minute level credit. – Removes aggregation of 5-minute credit to an hourly credit value. Hourly aggregation is no longer needed since charges will be allocated at the 5-minute interval level. – Removes capping of the real-time Secondary Reserve assignment in the calculation of balancing clearing price credits. This is no longer necessary with the introduction of reserve unavailability charges. – Updates to reflect the opportunity cost credit calculation (now named Reserve Market Uplift) being moved to a new section.

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
OA Schedule 1 Sec. 3.2.3A.01 – Secondary Reserve	(d)	Describes the Secondary Reserve Locational Clearing Prices.	– Removal of duplicative language on reserve clearing prices and reference to corresponding language in Sec. 2.
OA Schedule 1 Sec. 3.2.3A.01 – Secondary Reserve	(e)	Described how lost opportunity cost is reflected in reserve market clearing prices.	– Removal of this section as the co-optimization of energy and reserve (and the lost opportunity cost implicit therein) is discussed in Sec. 2.
OA Schedule 1 Sec. 3.2.3A.01 – Secondary Reserve	(f)	Described how the lost opportunity cost credits are calculated for each resource providing Secondary Reserve.	– Sub-section was removed as it was superseded by a new section describing a unified lost opportunity cost credit calculation that is performed across all reserve market assignments. – See new 'Reserve Market Uplift Credits' section in 3.2.3A.03.
OA Schedule 1 Sec. 3.2.3A.01 – Secondary Reserve	(g)	Describes how Secondary Reserve Lost Opportunity Cost Credits are allocated as charges to load	– This section was repurposed to indicate that load with a Secondary Reserve Obligation will have an obligation to pay Reserve Market Uplift Charges. The details on the exact allocation of the charges have been moved to the new Reserve Market Uplift section (3.2.3A.03(j)).
OA Schedule 1 Sec. 3.2.3A.01 – Secondary Reserve	(h)	Describes the performance assessment and non-performance charges for resources assigned Secondary Reserves	- Updated to reflect the new non-performance charges that will be assessed - Language added to address how non-performance charges will be allocated as credits
OA Schedule 1 Sec.	(a-f)	Describes the Operating Reserve Demand Curves	– Updated to reflect the new ORDC design for each reserve service as follows:

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
3.2.3A.01 – Operating Reserve Demand Curves		(ORDCs) for each reserve service under the market design	(a) Synchronized Reserve (b) 10-minute Ramp and Uncertainty Reserve Up (c) 10-minute Ramp and Uncertainty Reserve Down (d) 30-minute Ramp and Uncertainty Reserve (e) 30-minute Reserve (f) Day-Ahead Scheduling Reserve
OA Schedule 1 Sec. 3.2.3A.03 – Reserve Market Uplift		Describes the new reserve uplift credit which makes resources whole for forgone energy market revenues and buying out of the day-ahead reserve market position	New section – replaces the Lost Opportunity Cost Credit calculations that were in individual Synchronized Reserve and Secondary Reserve sections of OA, Schedule 1, Section 3.2. Reserve market Lost Opportunity Cost Credits have been renamed Reserve Market Uplift Credits.
OA Schedule 1 Sec. 3.2.3A.03 – Reserve Market Uplift	(a)	Describes eligibility for the reserve market uplift credit as well as the high-level calculation	Resources are eligible for reserve market uplift credits when pool-scheduled in one or more of the following markets: Synchronized Reserve, 10-minute Ramp and Uncertainty Reserve Up, 10-minute Ramp and Uncertainty Reserve Down, 30-minute Ramp and Uncertainty Reserve and/or Secondary Reserve The total costs across these markets are compared to the total revenues across these same markets to determine if a reserve market uplift credit is needed. Reserve market uplift is no longer calculated individually for each reserve market. It is a single calculation covering a resource's assignment across all the above reserve markets.
OA Schedule 1 Sec. 3.2.3A.03 –	(b) – (e)	Describes the costs that are included in the reserve market uplift calculation	Describes the following cost components included in reserve market uplift: - Reserve market offer - Condensing Costs - Real-time Opportunity Costs

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
Reserve Market Uplift			- Additional DA Buy Out Cost (as an offset to Real-time Opportunity Costs)
OA Schedule 1 Sec. 3.2.3A.03 – Reserve Market Uplift	(f) – (i)	Describes the reserve market revenues considered in the reserve market uplift calculation	Describes the following cost components included in reserve market uplift: - Day-ahead reserve locational clearing price credits - Balancing reserve locational clearing price credits - Market Revenue Neutrality Offset (as an offset to any negative balancing reserve locational clearing price credits) o Calculation remains largely the same as status quo o Updated the triggers for being disqualified from the Market Revenue Neutrality Offset based on the addition of new reserve products and the changes in the reserve market rules. - Company Responsible Negative Reserve Revenues (as an offset to any negative balancing reserve locational clearing price credits) o This is a renaming of the Opportunity Cost Owed term used in the current tariff
OA Schedule 1 Sec. 3.2.3A.03 – Reserve Market Uplift	(j)	Describes the allocation of reserve market uplift charges	Allocates the reserve market uplift charges to participants with an obligation in the following markets on a pro rata basis: Synchronized Reserve (using Synchronized Reserve Purchases (same as status quo)), 10-minute Ramp and Uncertainty Reserve Up, 10-minute Ramp and Uncertainty Reserve Down, 30-minute Ramp and Uncertainty Reserve and/or Secondary Reserve
OA Schedule 1 Sec. 3.2.3B – Reactive Services	(g)	Describes how hydroelectric resources providing reactive services are compensated for lost opportunity cost.	Removal of the reference to OA Schedule 1 Sec. 3.2.3A(f) as this language is no longer applicable for the Secondary Reserve product.
OA Schedule 1 Sec. 3.2.3B	(i)	Describes rules for how resources providing reactive	Updated the terminology related to the Synchronized Reserve Locational Clearing Pricing.

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– Reactive Services		services are counted for also providing Synchronized Reserve.	
OA Schedule 1 Sec. 3.2.3C – Synchronous Condensing for Post-Contingency Operation	(b)	Describes rules for synchronous condensers providing Synchronized Reserve.	Updated the terminology related to the Synchronized Reserve Locational Clearing Pricing.
OA Schedule 1 Sec. 3.2.6 – Emergency Energy	(a)	Describes the rules for how offers from resources providing Emergency energy are capped for the purposes of setting Locational Marginal Prices	– Removes the reference to the Primary Reserve Requirement - Replaces the reference to the Synchronized Reserve Penalty Factor with a reference to the maximum price on the Synchronized Reserve Operating Reserve Demand Curve
OATT 3 – Ancillary Services		Provides a high-level overview of Ancillary Services	- Removed references to sections that are no longer applicable given the other redlines (e.g., removal of OATT Schedule 6)
OATT 3.5 – Operating Reserve		Formerly titled “Operating Reserve – Synchronized Reserve Service”	- Updated to cover PJM’s broader set of reserve services and to reference the OA Schedule 1 provisions and parallel provisions in OATT Att K that deal with PJM’s reserve services.
OATT 3.6		Formerly titled “Operating Reserve – Supplemental Reserve Service”	- Updated to reserve this section for future use.

Governing Document Section	Sub-section(s)	Sub-section Description	Revision Description
OATT Schedule 5 – Operating Reserve		Formerly titled "Operating Reserve – Synchronized Reserve Service"	- Updated to cover PJM's broader set of reserve services and to reference the OA Schedule 1 provisions and parallel provisions in OATT Att K that deal with PJM's reserve services.
OATT Schedule 6		Formerly titled "Operating Reserve – Supplemental Reserve Service"	- Updated to reserve this Schedule for future use.