



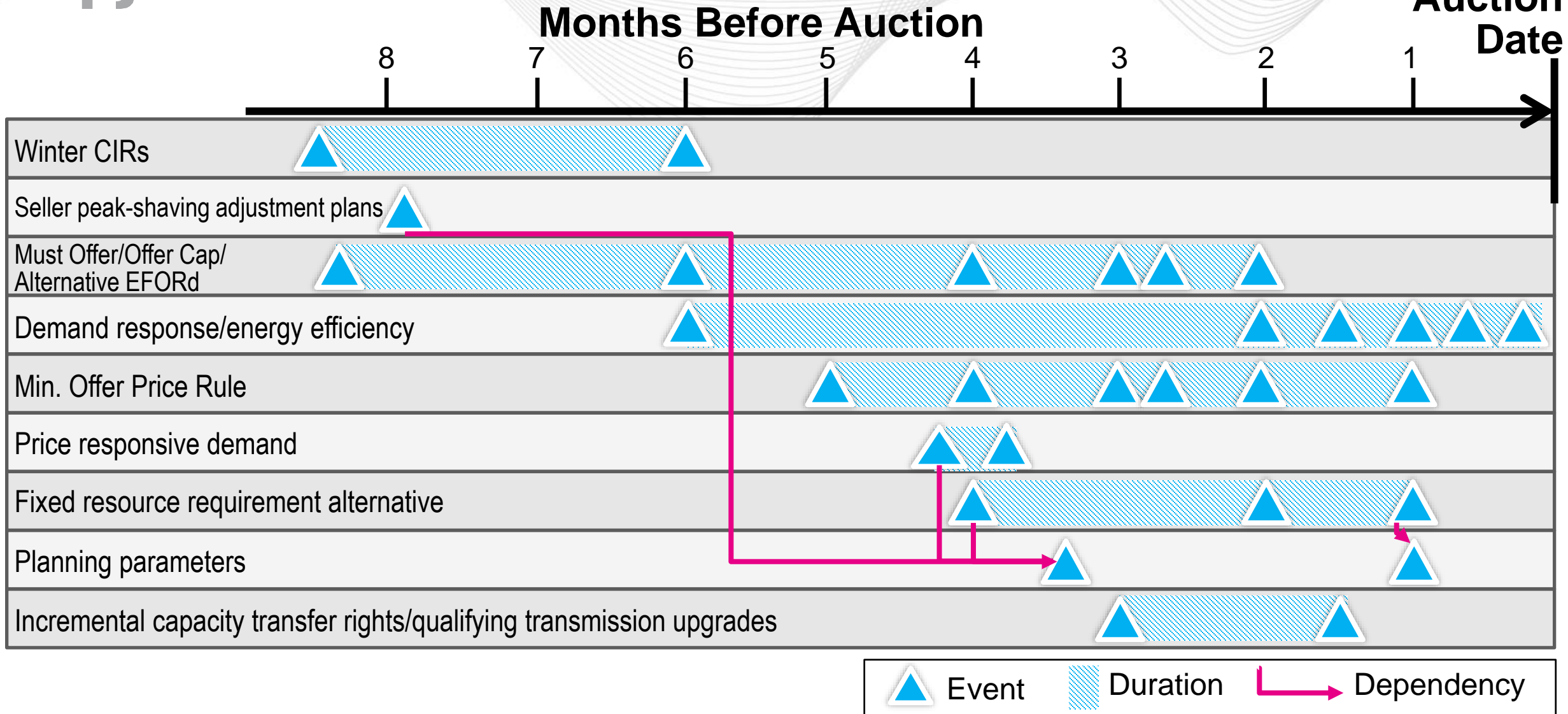
# Base Residual Auction Pre-auction Activities

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- PJM has **not** determined a proposed schedule for the 2022/2023 and 2023/2024 Base Residual Auctions.
  - Incremental auctions will also need modified schedules.
- It's likely that auction schedules for additional delivery years will need to be augmented.
- Even with accelerated schedule, auction timelines will be delayed up until the 2024 Base Residual Auction for 2027/2028 (five delayed auctions), based upon:
  - A timely FERC order on PJM's compliance filing
  - Pre-auction activities for the 2022/2023 auction start right after FERC approval
  - 6 months of pre-auction activities (typically 9 months, but majority happens in the 6 months prior)
  - 1.5 months between auctions

- Need to minimize delays to auction schedules in the outlying years, regardless of start of the 2022/2023 auction
- PJM and stakeholders should look for opportunities to condense pre-auction activity timelines or otherwise accelerate the auction timing
- This presentation explains pre-auction activities in the lead-up to a Base Residual Auction and the time allocated to each activity
  - This will facilitate future discussions on activity windows that could be minimized or shifted to accelerate auction timelines

- Condensing or shifting pre-auction activities must consider sequencing dependencies
- Examples:
  - Installed reserve margin, fixed resource requirement and price responsive demand nominations affect the VRR (demand) curve and planning parameters
  - Peak shaving adjustments affect the load forecast
  - Net CONE calculations affect minimum offer price rule (MOPR) floor prices



<b>Activity</b>	<b>Deadline</b>
PJM opens window to request winter CIRs	~250 days prior to BRA
Window to request winter CIRs closes	~190 days prior to BRA

Activity	Deadline
Sellers submit peak-shaving adjustment plans	10 business days prior to Sept. 30 for inclusion in the next PJM load forecast



# Must-Offer, MSOC and Alternate EFORd Exception Requests

Activity	Deadline
Sellers submit preliminary must-offer exception for reason of deactivation	Sept. 1 (~9 months) prior to BRA, 240 days prior to IA
Sellers submit final must-offer exception for reason of deactivation	Dec. 1 (~6 months) prior to BRA, 120 days prior to IA
Sellers submit must-offer exception for other than deactivation, MSOC and Alt EFORd requests	120 days prior to auction
IMM provides determination	90 days prior to auction
Sellers notify PJM/IMM of agreement with IMM determination	80 days prior to auction
PJM provides determination	65 days prior to auction
Sellers notify PJM/IMM of intent to exercise approved exception	65 days prior to auction

MSOC = Market Seller Offer Cap

EFORd = Equivalent Demand Forced Outage Rate



Activity	Deadline
PJM posts the zones of concern	Dec. 1 (~6 months) prior to BRA
Sellers pre-register DR for FRR capacity plan	~55 days prior to auction
Sellers submit DR plan template and officer certification for FRR capacity plan	~45 days prior to auction
DR pre-registration window opens	~35 days prior to auction
DR pre-registration window closes	~25 days prior to auction
DR set-up window opens	~25 days prior to auction
Sellers submit DR sell offer plan and officer certification	~25 days prior to auction
PJM determination on DR sell offer plan	5 days prior to auction
DR set-up window closes	Business day prior to auction

Activity	Deadline
PJM posts preliminary MOPR screen prices	150 days prior to auction
Sellers identify “State Subsidized Resources”*	150 days prior to auction
Sellers submit unit-specific MOPR request and self-supply exemption requests	120 days prior to auction
IMM provides determination	90 days prior to auction
Sellers notify PJM/IMM of agreement with IMM determination	80 days prior to auction
PJM provides determination	65 days prior to auction
Sellers confirm MOPR price	60 days prior to auction
Sellers submit election to forgo subsidy* (competitive exemption)	30 days prior to auction

*\*Proposed in October 2018 compliance filing; not part of current Tariff.*

<b>Activity</b>	<b>Deadline</b>
Seller requests advance review of PRD plans	Jan. 1 (~4 months) prior to BRA
PJM posts zonal scaling factors for use in PRD plan	~125 days prior to BRA
PRD plans due from seller	Jan. 15 prior (~4 months) to BRA
PJM determination on PRD plan	Within 10 days of receipt



# Fixed Resource Requirement (FRR) Alternative

Activity	Deadline
Seller notification of first-time election of FRR alternative due	120 days prior to BRA (2 months prior to BRA in event of State Regulatory Structural Change)
Seller notification of non first-time election due	60 days prior to BRA
Seller notification of termination of election due	60 days prior to BRA
FRR energy efficiency plan due	60 days prior to BRA
FRR plan due	30 days prior to BRA

<b>Activity</b>	<b>Deadline</b>
PJM posts planning parameters	Feb. 1 (~3 months) prior to BRA
PJM updates planning parameters to reflect FRR nominations	~30 days prior to BRA

Activity	Deadline
ICTR/QTU owners provide notification of intent to offer	90 days prior to BRA
PJM certification of CETL increase	45 days prior to BRA

Activity	Deadline
Initial/Updated EE M&V plan due for RPM	30 days prior to auction
EE set-up window opens	30 days prior to auction
PJM provides determination on EE M&V plan	10 days from receipt of plan
EE setup window closes	Business day prior to auction

# Typical RPM Auction Schedule

