

# Minimum Offer Price Rule for Hybrid and Co-Located Resources consisting of Solar and Battery

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DIRS

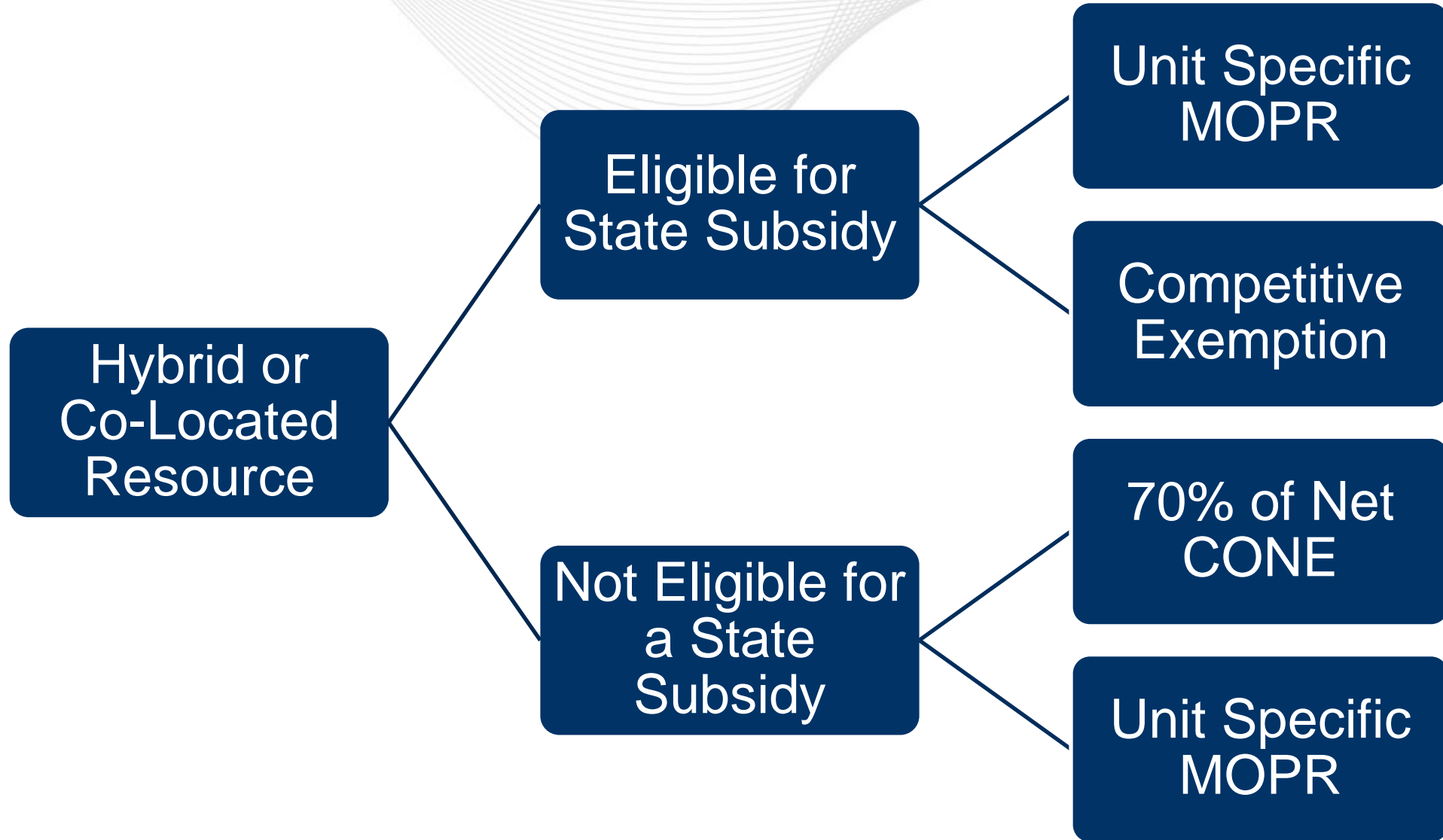
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- New Capacity Resources without State Subsidy (Attachment DD § 5.14(h))
  - PJM calculates default MOPR for CT, CC, and Other Resources (Batteries, etc.) in four CONE areas
  - Nuclear, Coal, integrated gasification combined cycle, hydro, wind, or PV are \$0/MW-year
- Capacity Resources with State Subsidy (Attachment DD § 5.14(h-1))
  - PJM calculates default MOPR for single resource types: Nuclear, Coal, CC, CT, PV, Wind, Battery Energy Storage, Diesel Backed DR, EE, and Load Backed DR

- If either resource is eligible for a State Subsidy, then the resource must follow the rules for Capacity Resources with State Subsidy
  - Hybrids do not have a default price and must request unit specific exception by auction specific deadline
  - Competitive exemption is an option
- If both resources are not eligible for a State Subsidy, then the resource must follow the rules for New Capacity without State Subsidy
  - 70% of Net CONE for a CT, within the CONE area, or
  - Eligible for a resource specific offer

- If there are two resources without any significant interactions occurring between the resources, this is a Co-Located Resource
- Any interactions between Co-Located resources results in the resource being a hybrid resource

# MOPR Decision Tree (Solar + Battery)



- Non-Binding MOPR Subsidy Opinions
  - <https://www.pjm.com/-/media/markets-ops/rpm/rpm-auction-info/non-binding-mopr-subsidy-opinions.ashx>
- Competitive exemption is available if refuse a state subsidy

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