



MOPR and Energy Efficiency in RPM

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October 5, 2020

- PJM proposes to exempt Sell Offers up to a determined MW quantity calculated for each installation period, Zone and Sub-Zone by using the greater of:
 - the latest approved post-installation measurement and verification report prior to December 19, 2019, or
 - the maximum MW cleared for a Delivery Year across all auctions conducted prior to December 19, 2019

- Non-Exempt MW are any quantity above the EE categorical exemption
 - May or may not be subsidized
 - Non-Exempt Existing MW will be determined for each Installation Period as the MW cleared after 12/19/2019
 - Non-Exempt New MW are those not previously cleared

- The indicative default New Entry MOPR Floor Offer Price for Energy Efficiency Resources is \$127/ICAP MW-Day
- The default Cleared MOPR Floor Offer Prices for Energy Efficiency Resources shall be \$0/ICAP MW-Day
- Unit specific MOPR exception floor offer prices will be project specific
 - i.e. Lighting, HVAC, Pumps/Motors etc.

Reference: OATT Attachment DD Sections 5.14(h-1)(2)(A) and 5.14(h-1)(2)(B)

PJM Interconnection, L.L.C., Docket Nos. EL19-58-00_ and ER19-1486-00_ Compliance Filing <https://www.pjm.com/-/media/documents/ferc/filings/2020/20200819-el19-58-003.ashx>

Default MOPR floor prices posted under the applicable delivery year tab at <https://www.pjm.com/markets-and-operations/rpm.aspx>

- Unit Specific MOPR Exception Requests are submitted via the IMM's MIRA system
- Templates will be provided for required inputs
 - Costs should reflect project specific costs
 - Offsetting savings should reflect avoided wholesale energy costs and other claimed savings, such as T&D, provided by the EE measure
- Supporting data and officer certifications where applicable are uploaded into MIRA
- Data is bridged to PJM



Minimum Offer Price Rule Process (MOPR)

Activity	Deadline
PJM posts preliminary MOPR screen prices	150 days prior to auction
Sellers identify “State Subsidized Resources”	120 days prior to auction / 30 days for DR&EE
Sellers submit unit-specific MOPR request and self-supply exemption requests	120 days prior to auction
IMM provides determination	90 days prior to auction
PJM provides determination	65 days prior to auction
Sellers confirm MOPR price to be used	60 days prior to auction
Sellers submit election to forgo subsidy (competitive exemption)	30 days prior to auction



EE Resource Modeling

Resource Name	Zone	LDA	Installation Period	Capacity Resource with State Subsidy	State Subsidy Identification	Competitive Exemption	Resource Subject to 5.14(h-1) MOPR
PJM PECO EE 20/21	PECO	EMAAC	2020/2021	No		No	No
PJM PECO EE 21/22	PECO	EMAAC	2021/2022	No		No	No
PJM PECO EE 20/21 Comp Ex	PECO	EMAAC	2020/2021	Yes	XYZ	Yes	No
PJM PECO EE 21/22 Comp Ex	PECO	EMAAC	2021/2022	Yes	XYZ	Yes	No
PJM PECO EE 20/21 Sub	PECO	EMAAC	2020/2021	Yes	XYZ	No	Yes
PJM PECO EE 21/22 Sub	PECO	EMAAC	2021/2022	Yes	XYZ	No	Yes
PJM PECO EE 20/21 Lighting	PECO	EMAAC	2020/2021	Yes	XYZ	No	Yes
PJM PECO EE 20/21 HVAC	PECO	EMAAC	2020/2021	Yes	XYZ	No	Yes
PJM PECO EE 21/22 Lighting	PECO	EMAAC	2021/2022	Yes	XYZ	No	Yes
PJM PECO EE 21/22 Bldg Envl	PECO	EMAAC	2021/2022	Yes	XYZ	No	Yes

- 2022/2023 BRA delay for 2 installation periods
 - Eligibility for 2 DYs instead of typical 4 DYs
 - Forecast already incorporated 2 or 4 DY impact
 - Eligible installation periods will be 2020/2021 and 2021/2022