

State-Level Interconnection Policies for Small Generation Facilities: Review

Andrew C. Levitt Distributed Energy Resources Subcommittee October 4, 2018



Summary

	PA	NJ	MD	ОН	DC	IL	VA
Wholesale In-Scope	N	Y	Y	TBD	N	N	Y
Screens < 2 MW	NEM-only <10kW, <2MW	Inverter- based <10kW, or <2MW	Inverter- based or < 2MW	Inverter- based or < 2MW	Inverter or < 500kW	Inverter < 25 kW	< 500kW or < 2MW
Third Party Ownership	Y	Y	Y	Y	No Mention	Y	No Mention
Attachment Facilities	IC responsible	No Mention	IC responsible	IC responsible	If none, expedited	If none, expedited	No Mention
Supplement al Screens	N	N	Y	Y	N	Y	Y

PA	Out of scope ("not subject to the IC requirements of an RTO")
NJ	In scope (must be Class I Renewable)
MD	In scope
OH	Unclear ("customer-generator")
DC	Out of scope (only non-PURPA qualifying facilities)
IL	Out of scope (only facil. not subject to FERC or PJM jurisdiction)
VA	In scope

Wholesale DER: In, Out of Scope?

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If < 2 MW: Screens?

PA	NEM-only: Level 1 screen for < 10 kW, Level 2 screen for < 2 MW
NJ	Level 1 screen for inverter-based < 10 kW, Level 2 for any < 2 MW
MD	Level 1 (inverter-based) screen and Level 2 (< 2 MW)
OH	Level 1 (inverter-based) and Level 2 (< 2 MW)
DC	Tier 1 screen for inverter, single-phase, no construction; Tier 2 screen for < 500 kW non-synch generators on distribution at or below 38 kV
IL	Level 1 screen; Level 2 expedited review (placed in queue, studies)
VA	Level 1 (< 500 kW) screen; Level 2 (< 2MW) placed in queue

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Third Party Ownership Policy

PA	Third party design and construction should be accommodated
NJ	Allowed
MD	Allowed based upon customer-gen, EDC agreement
OH	Allowed based upon customer-gen, EDC agreement
DC	No mention in codes
IL	Third party design and construction accommodated
VA	No mention in codes

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Attachment Facilities

PA	EDC not required to construct on system to accommodate
NJ	No mention in codes
MD	EDC not required to construct on system to accommodate
OH	Interconnection customer's responsibility
DC	Disqualifies from Tier 1 screen, otherwise no mention
IL	If no system modifications, process is expedited
VA	No mention in codes

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Supplemental Screens

PA	None outlined
NJ	None outlined
MD	Yes
OH	Yes (Level 2 supplemental review)
DC	None outlined
IL	"Pre-application report" available
VA	Yes (Level 2 optional supplemental review)



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Third Party Ownership	Y	Y	Y	Y	No Mention	Y	No Mention
Attachment Facilities	IC responsible	No Mention	IC responsible	IC responsible	If none, expedited	If none, expedited	No Mention
Supplement al Screens	N	Ν	Y	Y	N	Y	Y