
Rule 2-010 1) e) Hybrid Inverters

Background:

As products and technology continue to evolve, ESA is seeing more hybrid inverters used in design and installations. Hybrid inverters allow for multiple source types (eg. PV, ESS, generator) to be connected to a single inverter. Clarification is needed on whether the requirement for a Plan Review submission is based on the inverter nameplate rating or the rating of combined sources connected to the inverter.

Question:

Is a Plan Review submission required for a hybrid inverter with a nameplate rating of 15 kW and a single source of 5 kW of PV is connected?

Answer:

Yes, the submission requirement is based on the hybrid inverter nameplate rating.

Direction:

Plan Review submission shall be based on the nameplate output kW rating of the inverter without consideration of source/input ratings or any field derating of the inverter output.