Power limit occurs during inverter operation

Overview

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When a limit is imposed on a solar inverter, such as setting a 10 kW inverter to 10% (I am talking about active power limit settings here), it results in a maximum output of 1,000 W. The remaining 90% of the inverter's capacity goes unused, what about remaining power?

 Where does it go?

 I am.

Power Limit – limits the inverter maximum output power. The power limit can be set to any value between 0-100 [% of nominal active power]. Current Lim – Current Limit: limits the inverter's maximum output current (available from inverter CPU version 2.549). The current limit can be set to any value.

I have a pair of 240V MultiPlus-II 5kW units connected in parallel and operating effectively to a grid set-point of 50W; charging when there's excess PV and discharging to the lower limit of charge. Sometimes I want to limit the power taken from the battery bank and have tried using the "Maximum.

The proposed strategy directly controls the inverter output current according

to the power limit instructions from the electric operation control centers, leading to a bus voltage difference. The difference serves as a control signal for BES and PV. Under a power-limiting scenario, priority is.

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