AC coupled 3 phase overload

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Fronius is producing 4kW from PVs which is equally divided charging the batteries through the three Victron inverters. If I switch on a 3kW load on a one phase what is happening?

2) Or every phase will get 1/3 (1.33kW), and the rest of 1.7kW for the load will be supplied through the Victron inverter from the battery. In that case Two inverters would be charging and one would be discharging the battery.

I suppose that answer number 1) is correct. In that case, when the load is disconnected, will the Victron inverter on this phase have to absorb all the 3kW power and be overloaded (exceeding 1.0 rule) or the Fronius will manage to balance load through the other phases?

Thank you for your answer. It is less common, but it will work. For example - in the article https://:start it says: "In an AC-coupled system, a grid-tied PV inverter is connected to the output of a Multi, Inverter or Quattro."

Also on the page for PVInverter Support Assistant https://:pv-inverter-support it is said: "Compatible with Multis, Quattros as well as Phoenix Inverters that have a VE.Bus connection."

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