

quot fronius quot 3-phase inverters unbalanced load

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My supplier demands, that the PV system feeds directly to the grid through an own grid meter. 100% of the production has to be measured (and sold first). But I have the possibility to use the production immediately myself and it will be discounted from my electricity bill. So if I charge the batteries (from the grid) when there is a lot of production from the PV system, it''ll cost nothing.

I"ve studied the documentation for two weeks now, but it is simply too much information to get to the bottom of it. Hopefully this community can give me advise and reassurance. Thanks in advance for your help!

I hope this is of some use to you, I am sure there are some other guys out there who might like to chip in. I stand to be corrected on any of the above, but have installed many of these systems now and they work exceptionally well. Nothing better than Victron and Fronius!

So I changed my mind and instead of making the Fronius "switchable" I would just put the switch in the PV pannel string. So I can get more power to the SmartSolar (of course I would then use a big one like SmartSolar MPPT RS 450/100). As I understand, this will not need reconfiguration of ESS?

As I understood the Fronius does communicate its live production over the TCP Modbus. Can't the Cerbo GX use this information to get the Multis to do their jobs in ESS? I'd like to work without an extra smartmeter in the Fronius setup as it might not be legal here...

Another question regarding ESS: I can feed 100% of the Fronius production to the grid, no limits here. But the part with the Multis is only allowed to feed back 800W (less to zero would be preferable). And of course I would like to use ESS to get all the PV power saved in the batteries. Can I set feed back to the grid per device?



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