In an exchange we would have:
– Initial case for load flow (non solved model) would be = EQ+TP+OH
– Solved model would be = EQ+TP+OH+SV

I noticed that Terminal.connected is optional in TP. Any reason not to be requited?

IOP Call reply: Terminal.connected should be in TP as required

For the TapChanger and ShuntCompensator the assumption is that these are for the initialization of the load flow

Load, generation, injection issue
– we need P and Q for all these Load, generation, injection. Similar approach could be applied as for SV, i.e. we may just need 2 classes OhInjection associated with the ToplogicalNode and OhPowerFlow associated with Terminal
– We need to think if LoadResponseCharacteristics is a candidate to be moved in the OH profile
– we need to pay attention that for the voltage dependent load we need nominal values in OH. The SV will bring the solution (the voltage dependent value)