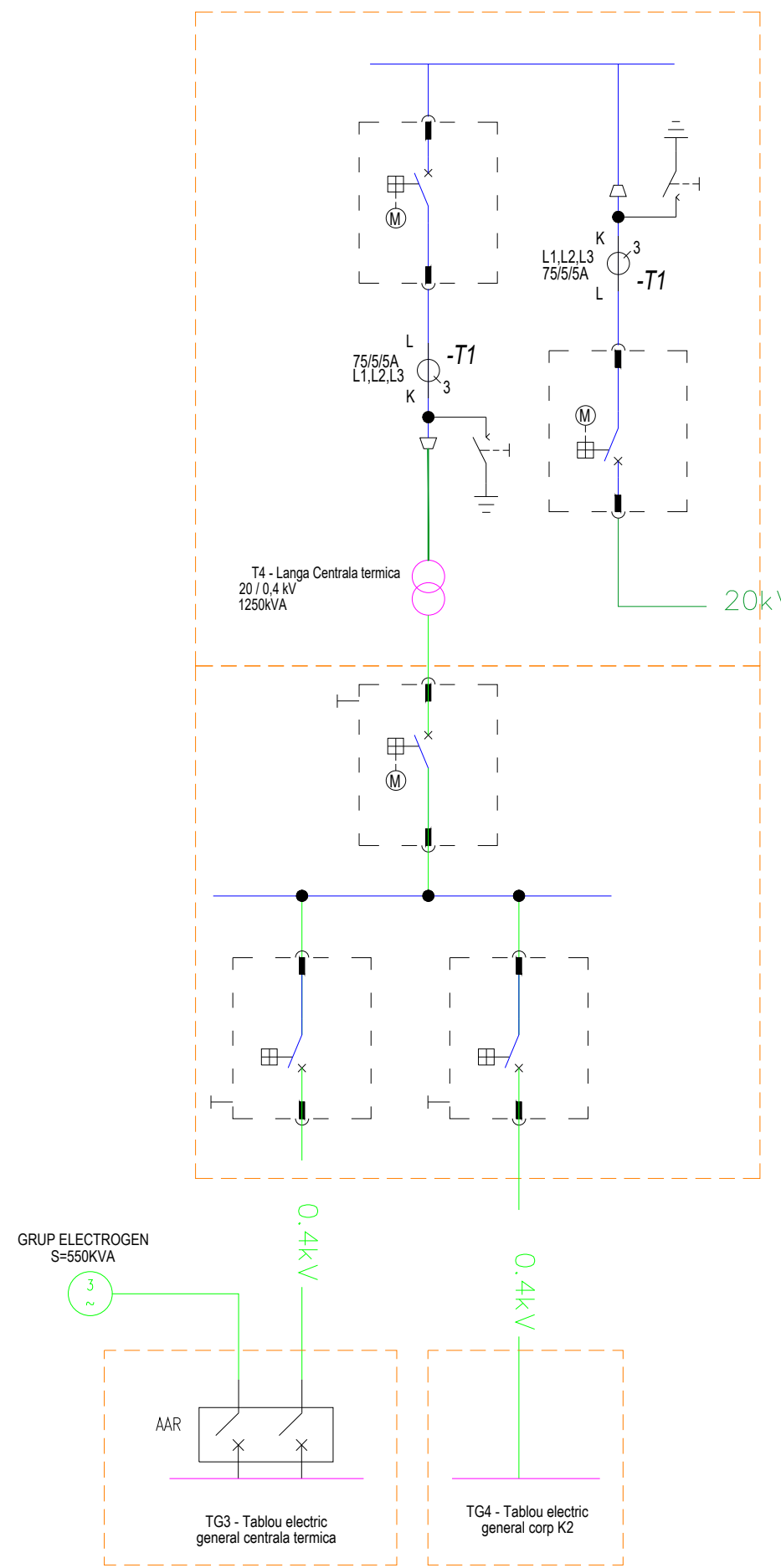
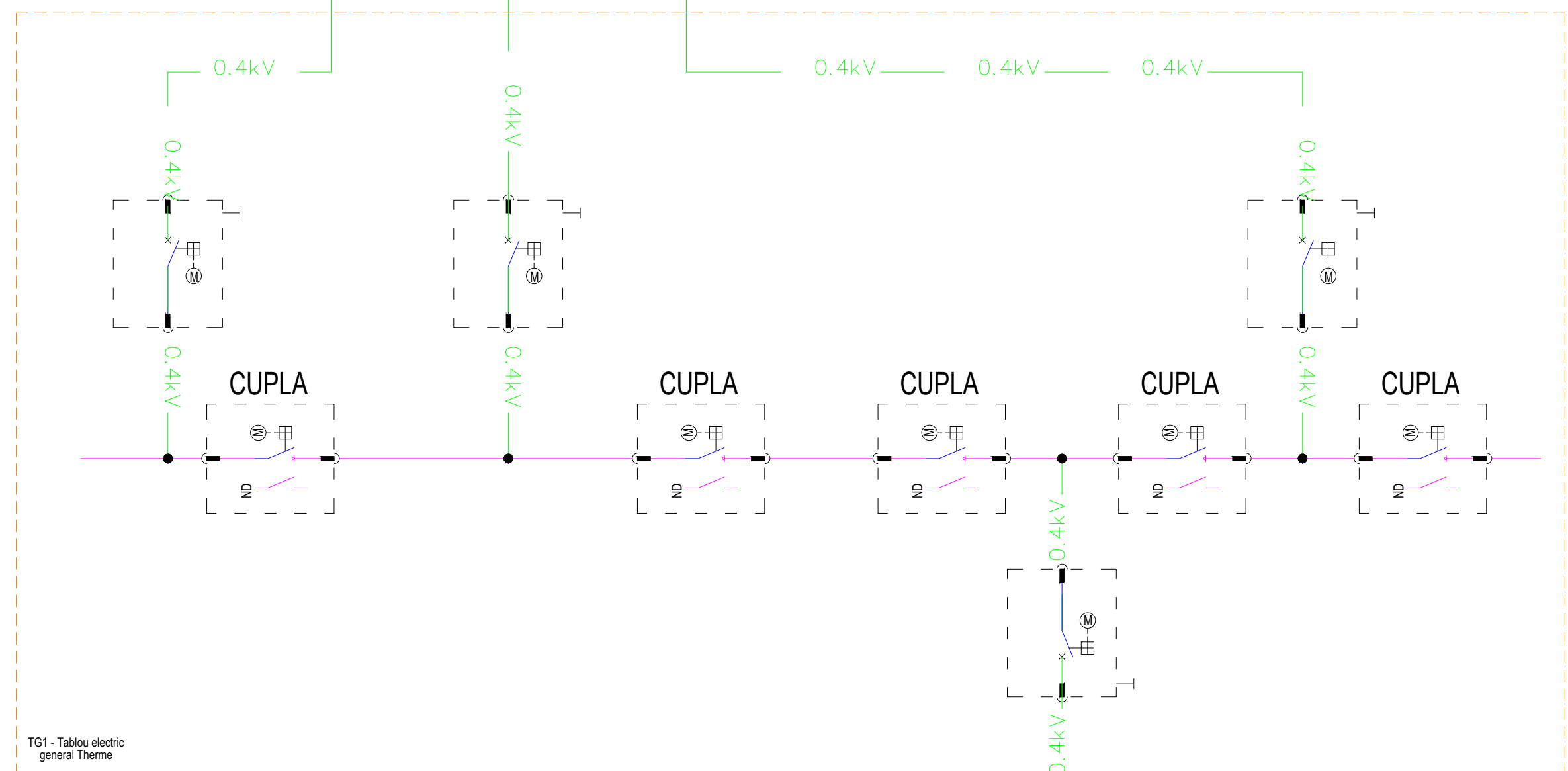
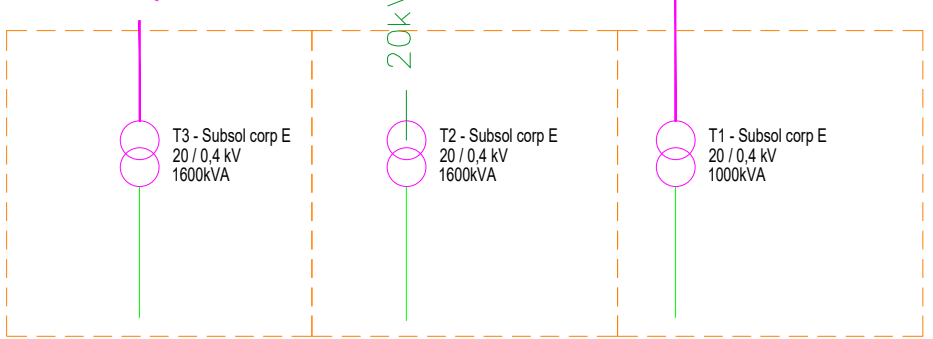
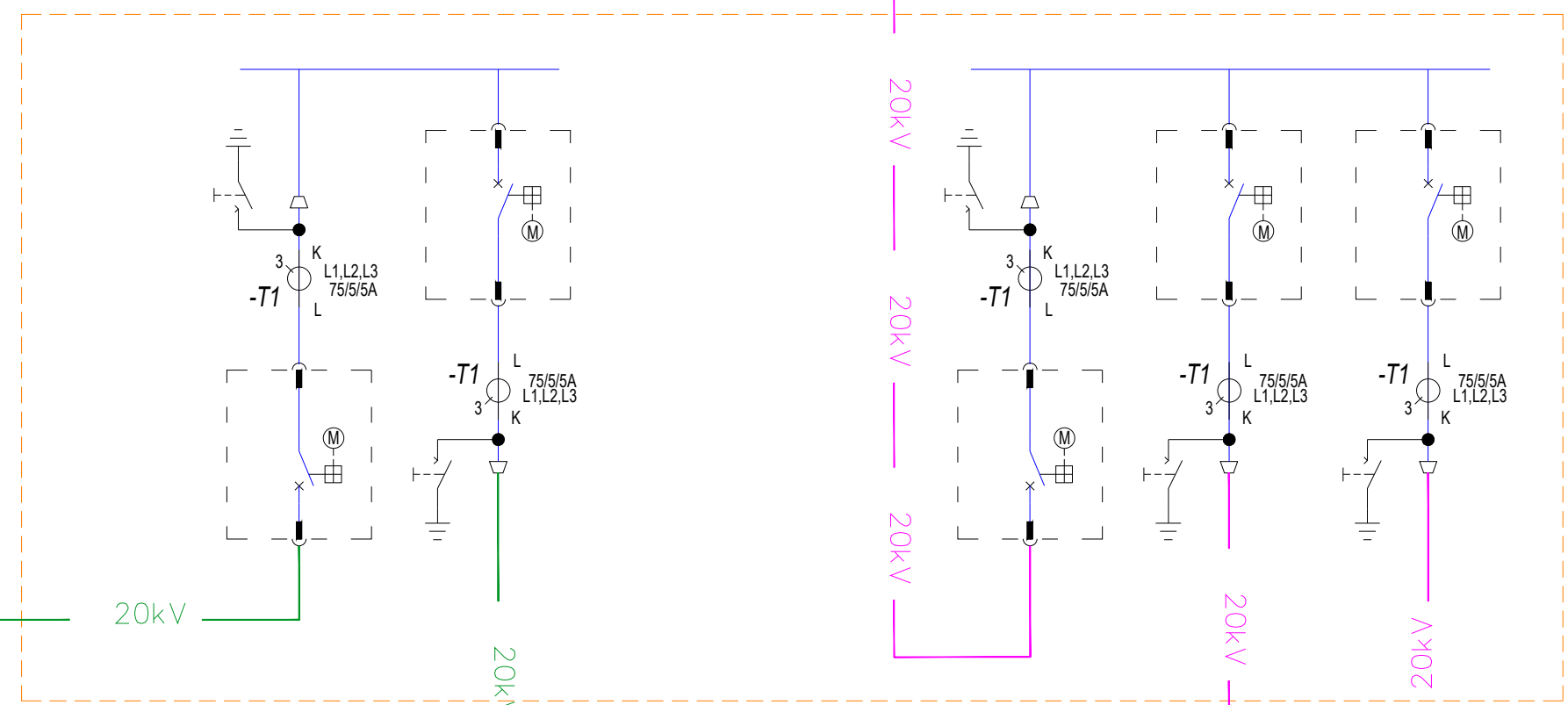
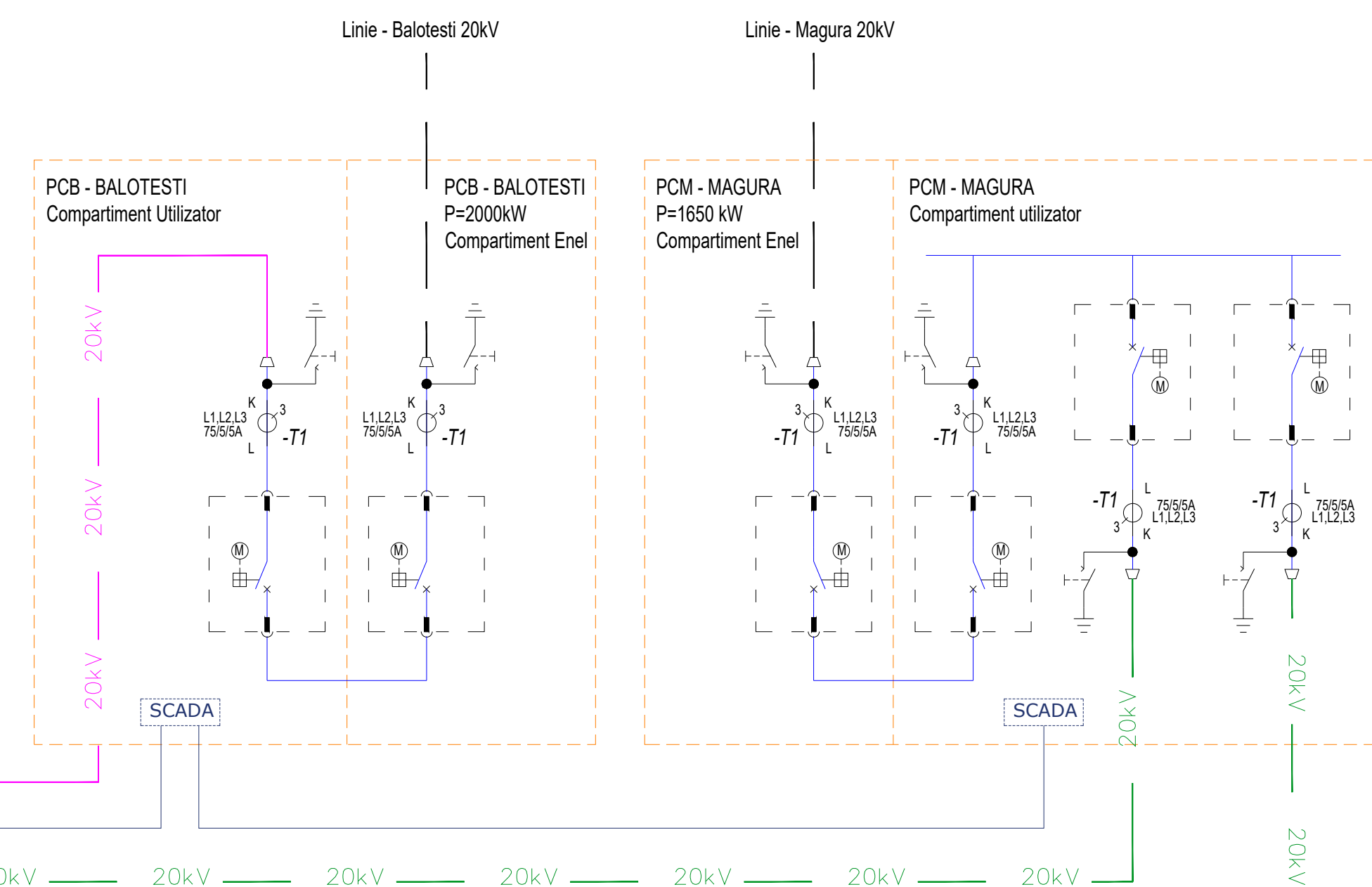
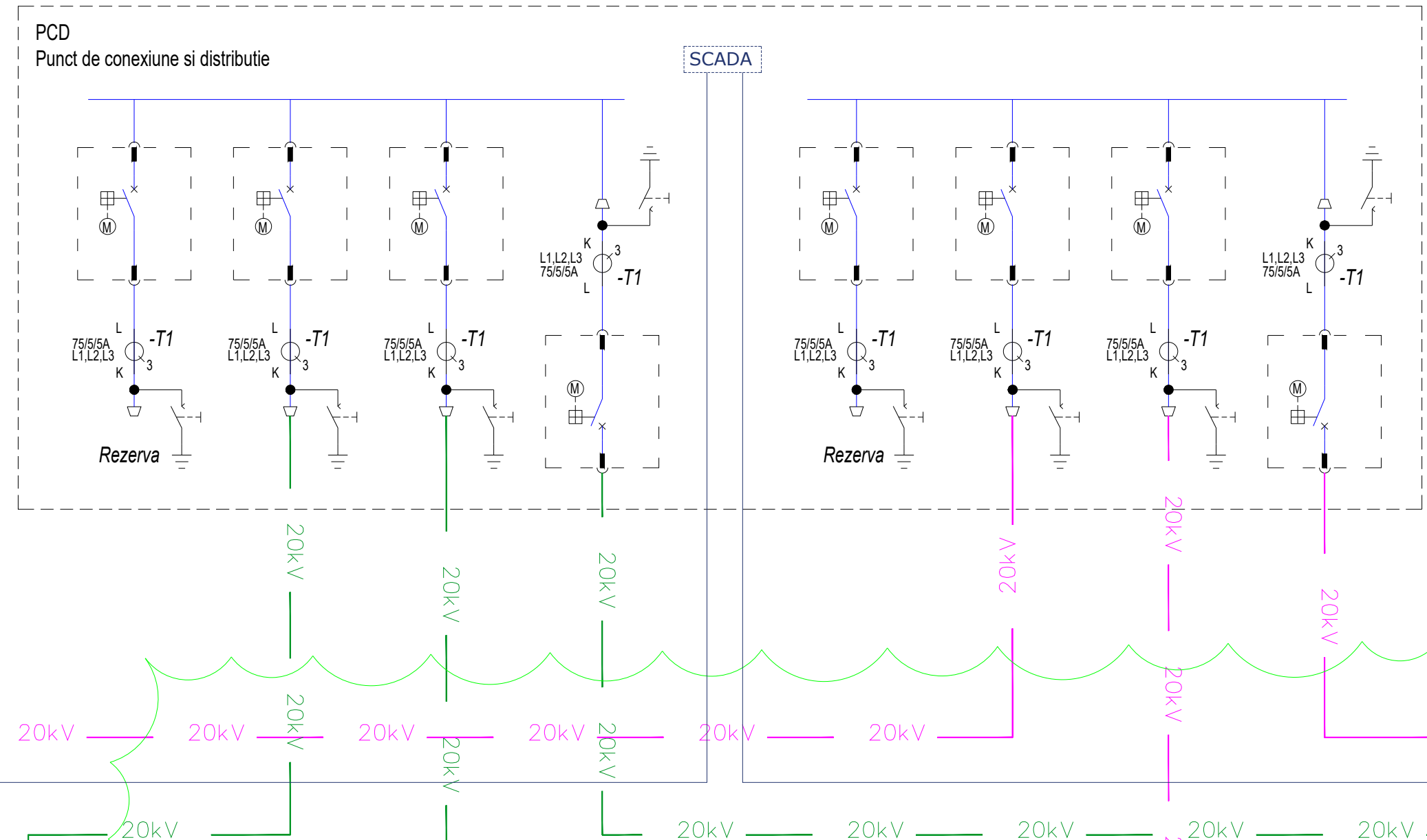
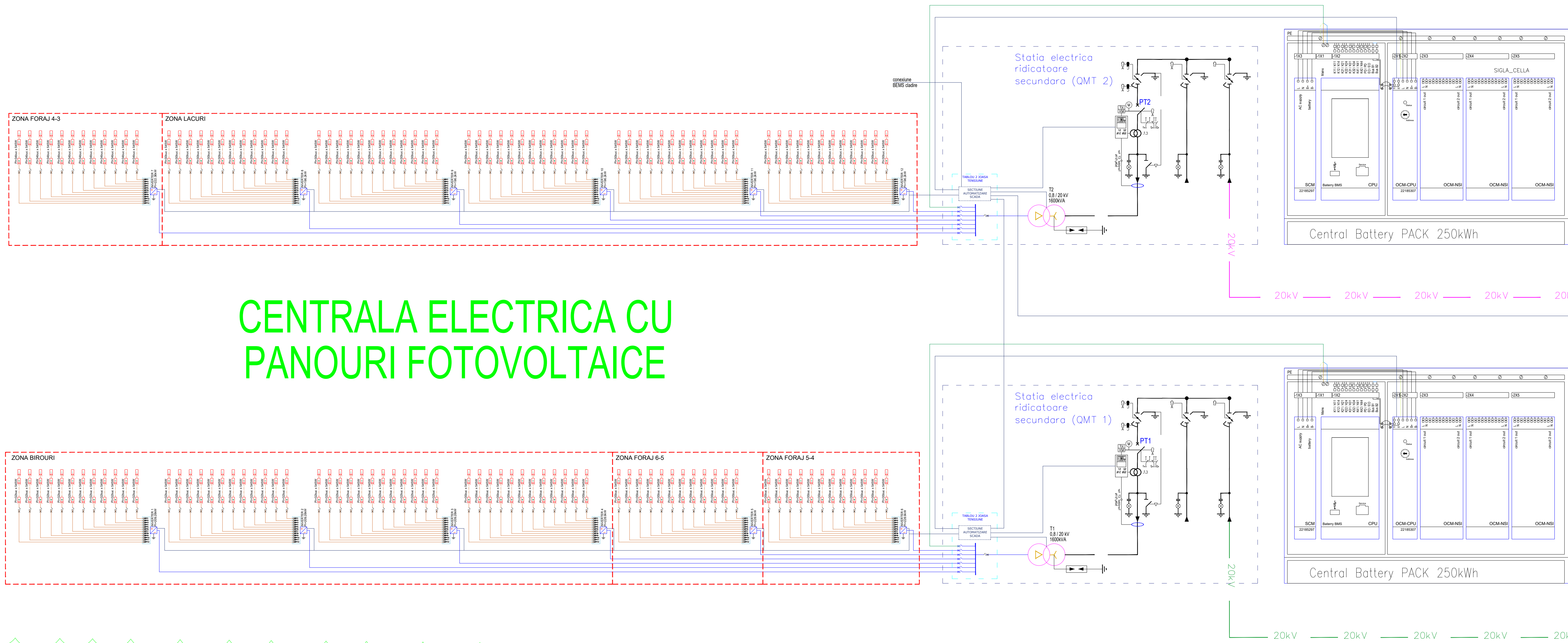
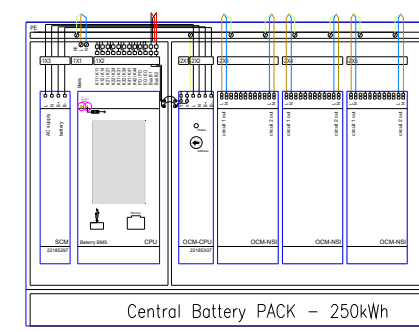


CENTRALA ELECTRICA CU
PANOURI FOTOVOLTAICE



INSTALATIE
DE UTILIZARE
EXISTENTA

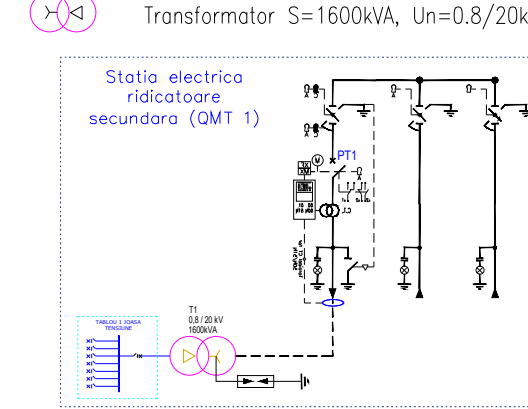


Sistem stocare a energiei cu acumulatori cu tehnologie Li-ion pentru un sistem cu o capacitate de minim 250kWh. Sistemul de stocare reduce si fie prezenta cu Sistem de Management Baterii (BMS). Sistemul de stocare este in constructie medicala de tip steroi (continer) prevazut cu sistem de ventilare si climatizare.

- Cabluri de energie din cupru de tip solar, 0.6/1kV, 0.6/1kV, protectie UV, temperatura de lucru +40/-20°C, izolare cuplurile fara halogen si steroi - fire din cupru.
- Cabluri de energie, conductori din cupru cu izolare si montaj de PVC pentru tensiune nominala U0/U=0.6/1 kV.
- Rețea sistem monitorizare si control tip SCADA
- Cabluri de energie, rețea de medie tensiune.

LEGENDA:

- Panou fotovoltaic cu celule monocristaline, modul celula tip PERC, putere electrica 540Wp, eficienta modul minima 20%
- Invertor fotovoltaic de curent continuu-curent alternativ, putere electrica 150kVA/100kVA la 50-45°C, eficienta minima 98%, factor de putere cosφ>0.98, in. borne conexiune curent continuu 12, grad de protectie si prof si umiditate minima IP68, factor THD < 3%.
- Transformator S=1600kVA, U=0.6/20kV



NR.	DATA	PROIECTAT	PROIECT	NR PROIECT
1	2023	2023	CENTRALA ELECTRICA CU PANOURI FOTOVOLTAICE In Sistemul de Stocare Energie	NR PROIECT: 09/2023
S.C. THERME MEP S.R.L.		Beneficiar: S.C. Thermo Nord Bucuresti S.R.L.		Faza: D.T.A.C.
Proiectat: Ing. Marius CIOCIPLAN		Data: 02.2023		Scara: %
Desenat: Ing. Marius CIOCIPLAN		Instalatiile electrice		Plan: %
Verificat: Ing. Florin Besu		Schema generala de distributie SGD		Plan: %