

battery limit

VARDUVOS SP

within this scope

Outdoor 110kV switchgear Anapolė

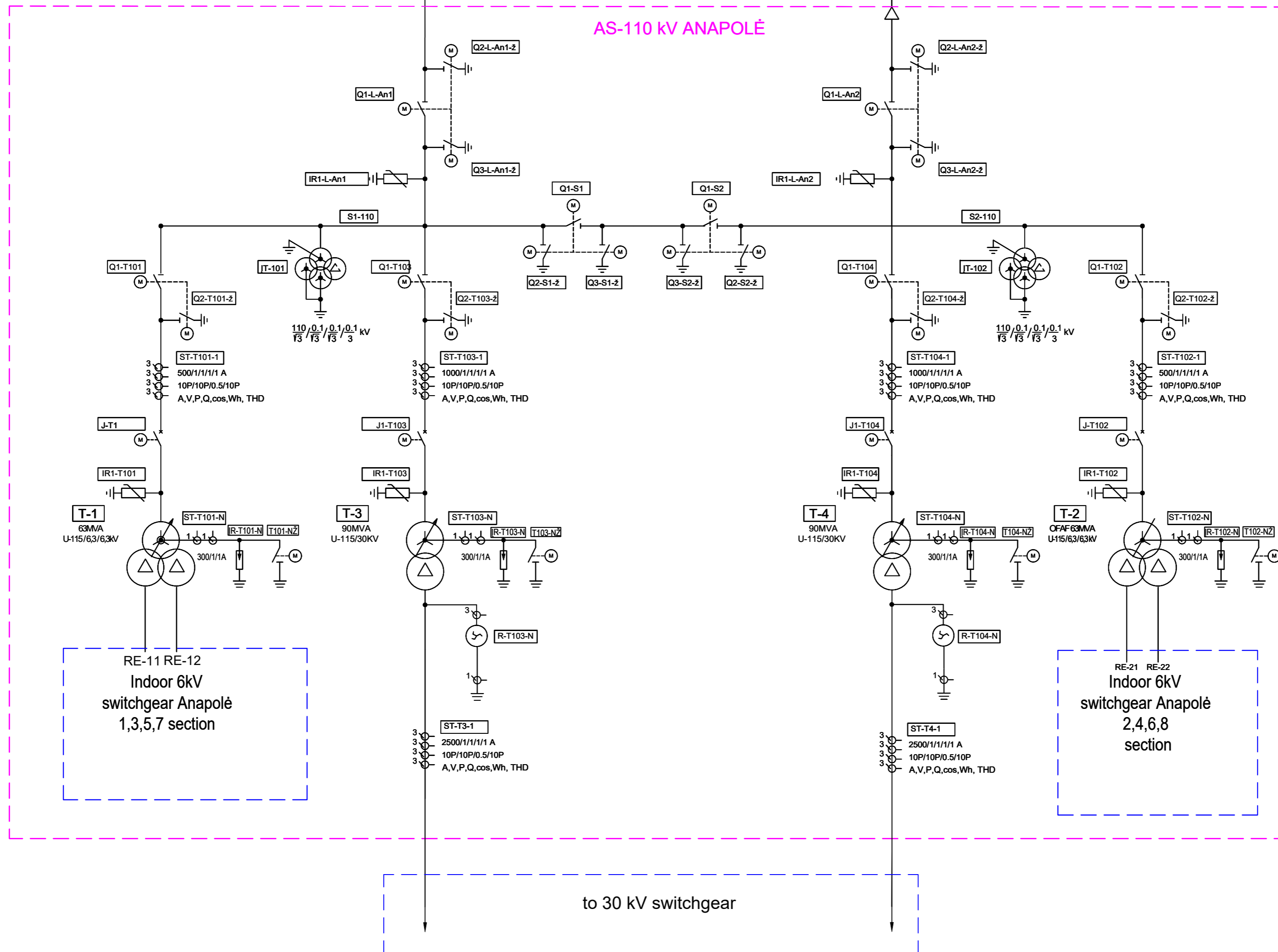
AS-110 kV ANAPOLĖ

DATA ON SHORT-CIRCUIT OF POWER NETWORK
VARDUVA SP 110 kV busbars at a maximum system
load:

- Voltage – 119.9 kV;
- Three-phase short-circuit current $I_k(3)$ – 10456 A;
- Single-phase short-circuit current $3I_k(0)$ – 11012 A;
- System resistance Z_1 – $1.24 + j6.5 \Omega$;
- Three-phase short-circuit power – 2171 MVA;

VARDUVA SP 110 kV busbars at a minimum system
load in emergency mode:

- Voltage – 119.7 kV;
- Three-phase short-circuit current $I_k(3)$ – 1385 A;
- Single-phase short-circuit current $3I_k(0)$ – 923 A;
- System resistance Z_1 – $19.03 + j46.15 \Omega$;
- Three-phase short-circuit power – 287.15 MVA;



			Preliminary single-line/structural diagram of electricity supply (110kV)		
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