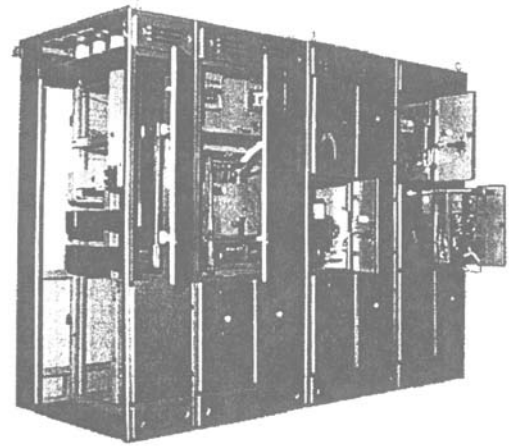
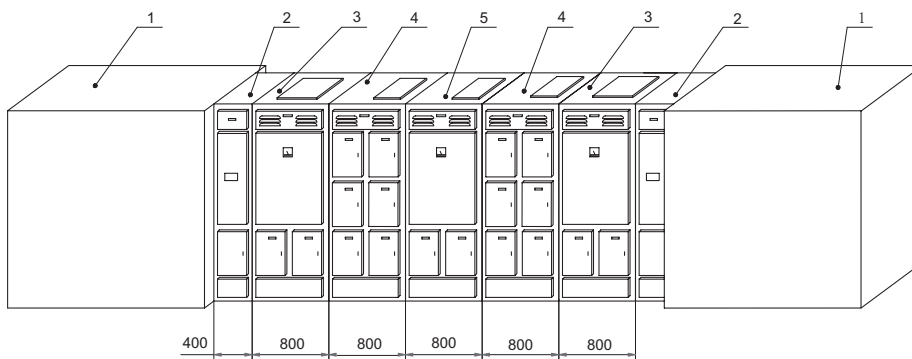


КТПИЧ, КТПИЧВ, КТПИЧС UNITIZED AUXILIARY TRANSFORMER SUBSTATIONS

КТПИЧ transformer substations are intended for auxiliaries supply at nuclear-, steam-, and water-power stations. КТПИ can be used in other electrical installations (gas-compressor stations, plants for treatment of radioactive materials, etc.). For nuclear power plants КТПИ are produced under the licence of Gosatomnadzor (State Atomic Inspection of the Russian Federation). КТПИЧ substation consists of a ТСЗГЛ dry-type power transformer with cast-insulated windings, lead-in cabinets with BA series circuit-breakers and relay protection control units, a section



cabinet carrying the same units, outgoing lines cabinets, a power transformers control cabinet, and a section cabinet of general function. Substations are of very wide-range circuit design versions as of main so of secondary circuits, intended for functional and emergency power supply, for sectionalization, for control both from main-unit or stand-by operating panel. Substations can be used in seismic risky regions. Cable inlet can be provided both from cable through (for КТПИЧ type), so from cable duct i. e. top inlet



1 - transformer; 2 - mating panel; 3 - LV distributing gear inlet cabinet; 4 - LV distributing gear lines cabinet; 5 - LV gear sectionalized cabinet

version (for КТПИЧВ type) The Plant can produce КТПИ of any configuration as per customer's demand. Also components of КТПИ may be delivered: input and line cabinets, busbars jumpers, relay units.

Power, kV·A	1000, 630, 400, 250
HV-side rated voltage, kV	6, 10
LV-side rated voltage, kV	0.4 or 0.66
Secondary circuits voltage, kV	0.22 or as per order
Rated current of busbars, A	up to 1450
Lines rated current, A (as per order)	10 - 630
Mass of КТПИЧ single cabinet	300 - 490