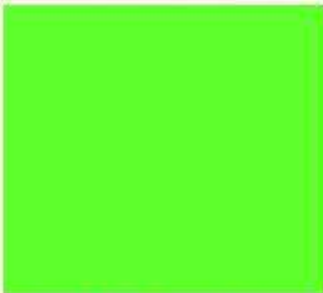




IRAN TRANSFO CORPORATION



Small Power Transformer

Medium Power Transformer

Large Power Transformer

► **Generator Step-up Transformer** ◀

Auto Transformer

Mobile Transformer

Special Transformer



Generator step-up transformers (GSU) are the critical link between the power station and the transmission network. GSU transformer take the voltage from the generator voltage level up to the suitable transmission voltage level. These transformers are located in power stations and are produced as either single-phase or three-phase applications and designed according to international standards such as IEC 60076. Normally, the cooling types of GSU transformers include ONAN (oil-natural, air-natural) , ONAF (oil-natural, air-forced) , OFAF (oil-forced, air-forced) , ODAF (oil-directed, air-forced) or OFWF (oil-forced, water-forced). Tapping can be designed with off-circuit or on-load tap changers. Even with rating up to 600 MVA and voltage up to 420 kV , the feasibility limits have not yet been reached.

Some samples of our experiences in this group

Customer	Rated Power (MVA)	Rated Voltage HV/MV/LV (KV)	Vector Group	Cooling
Hormozgan Reg.Elec.Co	380	230/20	YNd11	ONAN/ONAF
FARAB (TAJIKESTAN)	125	230/13.8	YNd11	ONAN/ONAF
FARAB (Karun I)	300(bank)	410/15.75	YNd11	OFWF
FARAB (Karun III)	300(bank)	410/15.75	YNd11	ODWF
FARAB (Karun IV)	300(bank)	410/15.75	YNd11	OFWF
FARAB (Karkheh)	160	410/13.8	YNd11	ODWF
FARAB (Masjed-Soleyman)	282(bank)	410/15.75	YNd11	OFWF
FARAB (Gotvand)	300(bank)	410/15.75	YNd11	OFWF
FARAB (Siahbisheh)	315(bank)	410 /18	YNd11	OFWF
MAPNA (TOOS)	200	420/15.75	YNd11	ONAN/ONAF
MAPNA (Teshrin SIRIYA)	200	245/15.75	YNd11	ONAN/ONAF
MAPNA (Alsadr/Najaf IRAQ)	200	145/15.75	YNd11	ONAN/ONAF
Mobin Petrochemical Co.	160	138/15	YNd11	ONAN/ONAF
Montazer Ghaem Power Plant	140	230/13.8	YNd1	ONAN/ONAF
MAPNA(Hormozgan Power Plant)	215	245/15.75	YNd11	ONAN/ONAF



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