AUR - automatic voltage regulator

PSS - power system stabilizer
Exciters

D.C.

A.C.

Brushless A.C.

Static

oldest

he was
PM
Pilot Excite 5 kV

3φ

N

shaft

ab

3

ac

br.16
on the shaft

100 kV

2020 MVA
static Excitations

Diagram showing electrical components with labels 1kV and 13kV - 24kV.