

Technical data Scholven power plant						
Technical data	Unit GuD	Boiler 8	Unit B	Unit C	Scholven steam plant	Zweckel steam plant
Electrical net output	138 MW	--	345 MW	345 MW	--	--
Commissioning	2024	2024	1968	1969	1973	1971
Process steam generation	Yes	Yes	Yes	Yes	Yes	Yes
District heat generation	Yes	Yes	Yes	Yes	Yes	Nein
Steam generator						
Thermal output	176 MW	85 MW	990 MW	990 MW	105 MW	2 x 46.5 MW
Live steam pressure	50 bar	50 bar	212 bar	212 bar	123 bar	56 bar
Live steam temperature	400 °C	410 °C	537 °C	537 °C	530 °C	290 °C
Turbine						
Bauart	2 GT+2 HRS; 1 ST	--	4 stages	4 stages	--	--
Pressure at HP entrance	50 bar	--	192 bar	192 bar	--	--
Temperature	400 °C	--	532 °C	532 °C	--	--
Revolution speed	6.600/min	--	3.000/min	3.000/min	--	--
Cooling	--	--	Natural draft cooling tower	Natural draft cooling tower	--	--
Generator						
Power	70/70/40 MVA	--	440 MVA	440 MVA	--	--
Output voltage	13.8 kV	--	21 kV	21 kV	--	--
General information						
Height of chimneys	2 x 60 m	80.3 m	Shared chimney for units B-E: 302 m		146 m	96 m
Height of cooling towers	--	--	114 m	114 m	--	--

Units Scholven D, E und F were taken out of service on 31.12.2014, Unit FWK on 30.3.2023