

Technical data Scholven power plant					
Technical data	Unit B	Unit C	Unit FWK	Scholven steam plant	Zweckel steamplant
Electrical net output	345 MW	345 MW	70 MW	--	--
Commissioning	1968	1969	1985	1973	1971
Process steam generation	Yes	Yes	Yes	Yes	Yes
District heat generation	Yes	Yes	Yes	Yes	Nein
<b>Steam generator</b>					
Thermal output	990 MW	990 MW	383 MW	134.4 MW	2 x 46.5 MW
Live steam pressure	212 bar	212 bar	281 bar	123 bar	56 bar
Live steam temperature	537 °C	537 °C	540 °C	530 °C	290 °C
<b>Turbine</b>					
Bauart	4 stages	4 stages	2 stages	--	--
Pressure at HP entrance	192 bar	192 bar	246 bar	--	--
Temperature	532 °C	532 °C	532 °C	--	--
Revolution speed	3.000/min	3.000/min	3.000/min	--	--
Cooling	Natural draft cooling tower	Natural draft cooling tower	Heat exchanger	--	--
<b>Generator</b>					
Power	440 MVA	440 MVA	90 MVA	--	--
Output voltage	21 kV	21 kV	10 kV	--	--
<b>General information</b>					
Height of chimneys	Shared chimney for units B-E: 302 m		241 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