

Line Technical Data

Length of the Line:	9000 m
Rack:	ABT type
Transformer Cabinets:	2 Siemens cabinets (1 at Capolago + 1 at the summit)
Overhead Line:	Kummler&Matter
Power Supply:	AIL

Main

The electric line is fed by two transformer cabinets, one in Capolago and the other at the summit. Both cabinets are connected by a switch at kilometer 5.2.

The cabinets are fed by a three-phase 16 KV 50 Hz. current.

Two Trafo-Union Transformers

Type	TSUJ6044C
Primary:	1000 KVA, 50 Hz. 16 KV + 5% - 5% 650 V, Yyo
Secondary:	Uk = 6,2% Po/Pk = ca 1,4 / 10,7 KW

The transformed current is rectified and the power line has a constant nominal voltage of 750 V, 950 V open circuit. The maximum current is 2000 A