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A SECOND THYRISTOR CONTROLLED STATIC VAR COMPENSATOR FOR SPS

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In 2001 a first Static Var Compensator (SVC) based on a set of Thyristor Controlled Reactors was commissioned for the SPS. This was the first step in the process of replacing the obsolete Saturated Reactors installed in the early seventies. The second step is now in preparation: dismantling of the so-called “North compensator” and replacing it with a second SVC, essentially identical to the one commissioned in 2001. This paper describes the project and its consequences for the operation of the 400/18 kV main substation.

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