

Requirement  Open	The Statkraft Way  <b>Kobler - Switching Operator</b>	
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## Innhold

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	ikke definert.	
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## 1 PURPOSE

Ensure security at (dis-)connections and safety in high-voltage installations when the Switching Supervisor must use Kobler.

## 2 SCOPE

This applies to all connections in high voltage installations where Skagerak Kraft AS (SK) or Statkraft Energi AS (SE) has operational responsibility. This is regulated through the current switching agreements and Safety Cards.

## 3 RESPONSIBILITY

Whoever is appointed as Kobler is responsible for ensuring that this instruction is followed. Operations Manager shall ensure that activities governed by this instruction are performed properly. Operations Manager is responsible for the instruction being drawn up and maintained.

Only Operations Manager has the authority to give deviation permit.

If the Kobler does not feel fit to exercise his/her function as Kobler at a specific work assignment, it is the duty of the Kobler to tell the Switching Supervisor about this.

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## 4 PROCEDURE

Appointed Kobler must adhere to regulations issued by the Switching Supervisor, "Safety Regulations for Work and Operation of Electrical Installations" (FSE 2006) and this instruction.

### 4.1 Appointment

Whoever shall be appointed as Kobler for high voltage installations where Skagerak Kraft AS or Statkraft Energi AS has operations responsibility must be approved in advance by the Operations Manager.

In addition to the regular appointed Switching Supervisor, switchings in high voltage installations can be delegated to a Kobler. The Switching Supervisor is delegated authority to appoint Kobler to a single mission among those who have received such recognition from the Operations Manager. Whoever appointed to Kobler must have good operational knowledge of the plant, knowing the structure and behavior, and should easily orientate themselves in the plant.

The Switching Supervisor is responsible for the connections being performed in such a way that this does not cause danger of injury to life, health and property (§ 11).

### 4.2 (Dis-)connections

When (dis-)connections is not possible to do remotely from the dispatch centre, Kobler shall, on behalf of the Switching Supervisor ensure that (dis-)connections and safeguards are carried out safely so that this does not involve a risk of damage to life, health and property (§11, FSE). Kobler shall write down the order of connections to be made and repeat it to the Switching Supervisor. The Switching Supervisor gives the (dis-)connection order to be executed and repeated by Kobler.

Manually voltagetesting at disconnecting point, manually earthing and local (dis-)connection of switches, including circuit breakers, should only take place after a risk assessment and completion of SJA form. This includes manual synchronizing of a circuit breaker. There shall always be at least 2 persons present when performing these activities.

- (Dis-)connections can be performed based on direct verbal orders from the Switching Supervisor.
- When (dis-)connecting multiple switches in sequence Kobler shall write down (dis)connections before they are carried out.
- The approved Kobler must keep him-/herself updated on changes in security provisions and attend the annual security training courses, first aid courses and instructions review in accordance with guidelines for electrical safety.

## 5 TRAINING

Kobler shall receive training in FSE, plant structure and function.

Kobler shall be familiar with each switch's operation and function, including breaking capacity, voltage and insulation medium.

In addition, Kobler must have good knowledge of the instructions itself, as well as mandatory training.

Power plant manager / Local Manager shall ensure that training is in accordance with Operations Manager's instructions, procedures, policies and FSE.

Training shall be documented in the Company's internal control system.

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