



# The Control and Protection system for AVČE PSP

**Customer:**

HSE Invest d.o.o.  
Soške Elektrarne Nova Gorica, d.o.o.

**Equipment supplied:**

Complete control plant control  
system and unit protection system

**Contract date:**

2008, in execution

**Execution:**

Design engineering, production, supply and commissioning of control and protection systems and SMS plant monitoring system for protection devices.



**Customer:**

GEN Energija d.o.o. and  
SAVSKE ELEKTRARNE LJUBLJANA d.o.o

**Equipment supplied:**

SCADA and communication system  
for GEN / SEL Control Center System

**Contract date:**

2007

**Execution:**

- Scada
- Generation control
- Planing and scheduling
- Optimization
- Hydro termo coordination



**Customer:**

HSE d.o.o., Ljubljana

**Equipment supplied:**Generator protection system  
SIEMENS: unit protection**Contract date:**

2005

**Execution:**

Will be installed new modern protection system, based on SIEMENS generator protection relays. In this way customer can control, analyze and perform any settings of relay parameters remotely from headquarters office.



# Integration of HPP Vrhovo control system to the SEL Control Center

**Customer:**

SEL d.o.o., Ljubljana

**Equipment supplied:**Exstension of Siemens  
PCS7 control system**Contract date:**

2006

**Execution:**

The refurbishment of HPP Vrhovo control system is predicted to be finished in 2006. The power plant will be controlled directly from SEL control center. Therefore new central operator stations and SCADA servers based on Siemens PCS7 control system will be integrated to SEL CC.

The SEL dispatcher will have an possibility to fully supervise and control the Vrhovo HPP.

