



Project: Rehabilitation of 220 kV substation "Shahumyan-2"

Customer: ABB Utilities GmbH (Germany)

Years: 2004-2005

Performed works:

- Replacement of power and distribution equipment of 220/110 kV switchyard (gas-insulated power circuit breakers, disconnectors, current transformers)
- Installation and commissioning of the local control panels
- Installation and commissioning of 10 kV power panels
- Installation of lighting, air-conditioning and fire alarm systems at the 10 kV closed switchgear building
- Installation and commissioning of power and control cables
- Installation of the 10 kV end muffs (Raychem)

Project: Rehabilitation of 220 kV substation "Zovuni"

Customer: ABB Utilities GmbH (Germany)

Years: 2004-2005

Performed works:

- Replacement of power and distribution equipment of 220/110 kV switchyard (gas-insulated power circuit breakers, disconnectors, current transformers)
- Installation and commissioning of the local control panels
- Installation and commissioning of 10 kV power panels
- Installation of lighting, air-conditioning and fire alarm systems at the 10 kV closed switchgear building
- Installation and commissioning of power and control cables
- Installation of the 10 kV end muffs (Raychem)



Project: Rehabilitation of 220 kV substation "Marash"

Customer: ABB Utilities GmbH (Germany)

Years: 2004-2005

Performed works:

- Replacement of power and distribution equipment of 220/110 kV switchyard (gas-insulated power circuit breakers, disconnectors, current transformers)
- Installation and commissioning of the local control panels
- Installation and commissioning of 10 kV power panels
- Installation of lighting, air-conditioning and fire alarm systems at the 10 kV closed switchgear building
- Installation and commissioning of power and control cables
- Installation of the 10 kV end muffs (Raychem)

Project: Rehabilitation of 220 kV substation "Eghegnadzor"

Customer: ABB Utilities GmbH (Germany)

Years: 2004-2005

Performed works:

- Replacement of power and distribution equipment of 220/110 kV switchyard (gas-insulated power circuit breakers, disconnectors, current transformers)
- Installation and commissioning of the local control panels
- Installation and commissioning of 10 kV power panels
- Installation of lighting, air-conditioning and fire alarm systems at the 10 kV closed switchgear building
- Installation and commissioning of power and control cables
- Installation of the 10 kV end muffs (Raychem)



Project: Replacement of commutation equipment at "Argel" HPP

Customer: JSC "MEK"

Year: 2005

Performed works:

- Design and calculation of foundations for the commutation equipment and cable channels of the 220/110 kV switchgear
- Design of the electrical part
- Construction of the foundations for the commutation equipment and cable routs
- Delivery and replacement of the power and commutation equipment for the 110 kV switchgear
- Delivery, installation and adaptation of the 10 kV vacuum circuit breaker in the 10 kV power panel under the voltage
- Installation of power and control cables
- Commissioning of the installed equipment

Project: Rehabilitation of 220 kV substation "Alaverdi-2"

Customer: AREVA Energietechnik GmbH (Germany)

Years: 2005-2006

Performed works:

- Replacement of commutation equipment and primary busbar system at 220/110/35 kV switchgear
- Replacement of 0,4 kV direct current distribution equipment for self needs and battery storage with re-charging equipment
- Installation of protection и control panels
- Installation of the power and control cables
- Commissioning of the control systems
- Partial commissioning of protection system
- Installation of 35 kV power panels
- Installation and commissioning of lighting, air-conditioning and fire alarm systems