



**Project:** Rehabilitation of 110/10 kV substation “Charentsavan-3”

**Customer:** EFACEC Engenharia e Sistemas, S.A. (Portugal)

**Years:** 2017- present

**Performed works:**

- Dismantling of equipment at 110 kV switchyard and 10 kV switchgear
- Dismantling of existing control building, guard-house, equipment foundation and cable channels
- Installation of 110 kV power and commutation equipment at switchyard
- Installation of 10 kV switchgear
- Installation of power and control cables
- Installation of internal lighting system
- Installation of fire-fighting system
- Installation of steel structures
- Supply and installation of foundations for power and commutation equipment
- Construction of new control building and guard-house
- Reconstruction of switchgear building
- Reconstruction of external wall
- Construction of water supply system
- Supply and installation of cable channels
- Commissioning of power and commutation equipment

**Project:** Amulsar Project – LV system and container type substations installation

**Customer:** “Lydian Armenia” CJSC

**Years:** 2017 - present

**Performed works:**

- Construction of foundations for equipment
- Installation of container type substations and E-houses
- Installation of power cables
- Installation of cable channels
- Functional commissioning of container substations and E-houses
- Installation and commissioning of power transformers
- Installation of end terminations



**Project:** Rehabilitation of 110 kV substation at Tatev HPP

**Customer:** EFACEC Engenharia e Sistemas, S.A. (Portugal)

**Years:** 2018 – present

**Performed works:**

- Dismantling of power and commutation equipment at 110 kV switchyard
- Dismantling of 12 kV power cubicles at switchgear
- Dismantling of protection and automation system
- Dismantling of steel structures
- Dismantling of power and control cables
- Installation of power and commutation equipment at 110 kV switchyard
- Installation of 12 kV power cubicles at switchgear
- Installation of protection and automation system
- Installation of steel structures
- Installation of power and control cables

**Project:** Amulsar Project – Installation of electrical systems and sub-systems on the crusher platform

**Customer:** “Lydian Armenia” CJSC

**Years:** 2018-present

**Performed works:**

- Installation of cable constructions and channels
- Installation of power and control cables
- Installation of external lighting poles
- Installation of conveyor internal lighting
- Installation of connection and end terminations
- Complex commissioning of the system



**Project:** Amulsar Project – Installation and commissioning of emergency generator for fuel station and Biodisc

**Customer:** “Lydian Armenia” CJSC

**Year:** 2018

**Performed works:**

- Installation and commissioning of diesel generator set
- Installation of power and control cable
- Manufacturing and installation of steel fence
- Civil construction works

**Project:** Amulsar Project – Chief-montage and full set of commissioning works at Main 110/35/6 kV substation

**Customer:** “Lydian Armenia” CJSC

**Year:** 2018

**Performed works:**

- Chief-montage of 110 kV power and commutation equipment
- Chief-montage of steel structures
- Full set of commissioning services for power and commutation equipment at switchyard
- Commissioning of relay protection and automation systems

**Project:** Reconstruction of 10 kV power cubicle at Yerevan HPP

**Customer:** "MEK" CJSC

**Year:** 2018

**Performed works:**

- Dismantling of damaged power cubicle
- Manufacturing of new power cubicle
- Installation and commissioning of new power cubicle



**Project:** Amulsar project – Commissioning of measurement equipment and LV systems

**Customer:** “Lydian Armenia” CJSC

**Years:** 2018-present

**Performed works:**

- Commissioning of analog equipment
- Commissioning of measurement systems
- Commissioning of LV systems and equipment
- Commissioning of control systems

**Project:** Electrification of self-needs system at Arzni HPP

**Customer:** "MEK" CJSC

**Year:** 2018

**Performed works:**

- Installation of 10 kV power cable
- Installation of cable trays
- Upgrading of the earthing system
- Installation of Raychem end terminations
- Civil construction works
- Complex testing of the system

**Project:** Repair of 110 kV disconnectors of Argel HPP

**Customer:** "MEK" CJSC

**Year:** 2018

**Performed works:**

- Dismantling of 110 kV disconnectors earthing blades
- Manufacturing and installation of 110 kV disconnectors earthing blades
- Rehabilitation of steel structures for 110 kV disconnectors



**Project:** Rehabilitation of 10 kV OHL and power cables at Argel HPP

**Customer:** "MEK" CJSC

**Year:** 2018

**Performed works:**

- Dismantling of existing OHL wire
- Installation of new OHL wire
- Installation of apparatus clamps
- Installation of power cable
- Installation of connection and end terminations
- Complex testing of the system