

## Construction of a Photovoltaic Farm

### The scope of the contract included:

- Installation of a free-standing structure for photovoltaic panels using the piling method.
- A 350-meter-long directional drilling for laying the AC cable route of the photovoltaic system.
- Installation of a DC system.
- Installation and wiring of PV panels, solar inverters, and electrical cabinets with protections for both DC and AC sides.
- Installation of a lightning protection system.
- Related construction work, including the restoration of road and sidewalk surfaces after the sectional drilling.
- Preparation of as-built electrical and geodetic documentation, as well as supervision of electrical tests: cable insulation resistance, short-circuit loop impedance tests, and lightning protection tests.