



CONSTRUCTION OF A 12,5 MW SOLAR POWER PLANT

Novomoskovsk district

Project information

- **Project description:** Solar power station construction (an object of alternative energy using solar energy).
- **Planned capacity:** 12,5 MW.
- **Solar energy per year:** 1,375 kW/m².
- **Project placement:** land plots of Vilne village council, Novomoskovsk district, Dnipropetrovsk region.
- **Company contribution for the project implementation:** 25,6 ha land plot.
- **Project total cost:** \$ 13,2 mln.
- **Project implementation period:** 6 months.
- **Payback period:** 6 years.

Land plot characteristics

Area	25,6 ha
Intended use	For private farming
Accommodation right	Private ownership
Engineering infrastructure	
Distance from the nearest transport corridor	5 – 10 m (Highway E105)
Electricity supply	10 – 35 kW

Project product

- **Solar power station construction.**

Project unicity

- Generation of electric power.
- Electric power transmission.
- Trade and distribution of electricity.

Forms of cooperation

- 5% - own funds, 95% - potential investor.

Project initiator

- Elektromerezhi Ltd;
- **Contact person:** Halyna Savran, tel.: +38 (056) 742 86 34, e-mail: savran.dia@gmail.com





DEVELOPMENT PROSPECTS OF SOLAR ENERGY IN DNIPROPETROVSK REGION

- **Average number of solar hours per year – 1900 – 2400.**
- **Solar-radiation level – 1300 – 1450 kW/m².**
- **“Green tariff” (Law of Ukraine “On electric power industry”):**
 - 01.01.2017 – 31.12.2019 year – 0,18 €/kW;
 - 01.01.2020 – 31.12.2024 year – 0,16 €/kW;
 - 01.01.2025 – 31.12.2030 year – 0,14 €/kW.
- **Current tariffs for industry enterprises on 12.01.2016**
(by voltage type)
 - Class 1 (voltage of 27,5 kW/h and above) – 0,07 €/kW;
 - Class 2 (voltage of 27,5 kW/h and above) – 0,09 €/kW.
- **Duration of “Green Tariff” – till 2030 year.**