



Baynouna Solar Energy Project

Amman, Jordan

Located east of Amman, Masdar's 200 MW Baynouna Solar Energy Project is the largest single solar energy project in Jordan. Having achieved commercial operation in 2020, the plant supplies the annual power needs of approximately 160,000 homes and displaces an estimated 360,000 tonnes of carbon dioxide each year.

Developed as a Power Purchase Agreement (PPA) between Masdar and National Electric Power Company, Jordan's state electricity provider, this US\$240 million project will generate 563.3 gigawatt hours (GWh) of electricity each year.

QUICK FACTS

- 200 MW of solar energy capacity
- Annual generation of 563.3 GWh
- Will power 160,000 homes
- Will displace 360,000 tonnes of CO₂ emissions each year
- Developed as a PPA between Masdar and National Electric Power Company, Jordan's state electricity provider