



United arab emirates utility-scale solar

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A clean energy pioneer positioning the UAE at the forefront of the worldwide energy transition.

Identifying value-enhancing initiatives for clean energy projects.

Advancing sustainability is at the core of Masdar.

Deploying renewable energy projects and realising low-carbon urban development

We are active in solar, wind, geothermal and waste-to-energy projects across the world with a generation capacity of over 20 gigawatts, equivalent to displacing 30 million tonnes of carbon dioxide per year.

The global surge in renewable energy adoption has been driven by the successful transition of advanced technologies from laboratory concept to affordable deployment at scale. With a sharp focus on developing and operating utility-scale renewable energy projects around the globe, Masdar has invested its resources and expertise to pioneer clean energy, optimize costs and enhance operational efficiency. Masdar is active in over 40 countries and has a combined electricity generation capacity of over 20 GW.

The 103.5-megawatt (MW) landmark project will introduce cost-effective, large-scale, utility wind power to the UAE's electricity grid, further diversifying the country's energy mix and advancing its energy transition.

In November 2021, Masdar signed an agreement with the Government of the Republic of Armenia to design, finance, build, own and operate a utility scale solar photovoltaic (PV) project.

The 230-megawatt (MWac) Garadagh (Area 60) Solar PV Plant is the country's first foreign investment-based independent utility scale solar project structured as a public-private partnership.

London Array is one of the world's largest offshore wind farm currently in operation, a joint venture between Caisse de d?p?t et placement du Qu?bec, Schroders Greencoat, Masdar, RWE Renewables.

The 72-megawatt (MW) onshore wind farm is Montenegro's first wind farm and one of the largest in the region.

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