

Press release

6 April 2020

BELECTRIC delivers utility-scale PV plant on mountainous site in Jordan

- Total capacity of more than 46 MWp
- Located near the Amman Airport on challenging topography
- BELECTRIC awarded as O&M provider
- Battery storage facility under construction by BELECTRIC

Kolitzheim (Germany), Amman (Jordan) – BELECTRIC is delivering a utility scale PV plant on challenging terrain: the company has completed a solar plant in Jordan on a mountainous terrain with varied ground composition close to the airport of Amman. BELECTRIC, via its subsidiary BELECTRIC Gulf Ltd., has built and commissioned the South Amman Solar Power Plant with a total installed capacity of 46.33 MWp as EPC (Engineering-Procurement-Construction) provider on behalf of the Jordanian Ministry of Energy and Mineral Resources. In addition to the turnkey PV solution BELECTRIC is delivering a battery storage system with a capacity of 2.6 MWh for the South Amman solar project. The battery storage facility is expected to be commissioned this summer. BELECTRIC will also provide operation and maintenance services (O&M) to the facility. A corresponding agreement has already been signed. The long-term service contract includes remote power plant monitoring, regular inspections and on-site support in the event of a fault.

“If you are able to plan, construct and commission a solar plant in such an uneven mountainous landscape with an extremely steep downward gradient, you are able to realise solar projects almost everywhere”, explains Frank Amend, CCO of BELECTRIC Solar & Battery GmbH. “This extraordinary project underpins our position as a leading general contractor and O&M service provider for ground mounted PV. In addition, we are pleased that the Jordanian Government has extended the scope of the project, allowing us to demonstrate our competencies as battery storage systems integrator.”

The PV plant consists of more than 395,000 photovoltaic panels arranged in rows hundreds of metres long covering an area roughly the size of 140 football pitches. The solar plant is connected to Jordan’s national grid to support the energy needs of the local community and helps the country to provide clean energy to a number of refugee camps in Jordan. During the construction phase, the South Amman Solar Power Plant provided employment to workers from the local Jordanian community.

“We’re more than proud to support the Jordanian government with its initiatives for the refugees by providing green and much-needed power to different camps”, adds Martin Mock, Managing Director of BELECTRIC Gulf Ltd. “We have completed the majority of the construction work within a period of three months. This was really fast considering the difficult topography of the construction site and the harsh weather conditions our local workforce had to deal with. Nevertheless, we have met our high standards regarding health, safety as well as quality.”

Publication and reprint free of charge, specimen copy is requested.

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BELECTRIC Gulf Ltd. has already realised seven solar projects in Jordan with a total capacity of around 100 MW. Among them is the largest solar plant ever built in a refugee camp. The PV plant with an installed capacity of 12.9 MWp went live in 2017, providing clean and much-needed additional power to 80,000 Syrian refugees living in Jordan's Za'atari camp.

– End of Press release –



Captions: 46.33 MWp South Amman PV Solar Plant

Picture credits: BELECTRIC Gulf Ltd.

About BELECTRIC:

BELECTRIC Solar & Battery GmbH is one of the most successful enterprises in the development and construction of utility scale solar power plants and energy storage systems. The company was established in 2001 and has been expanded to an international group with activities on all continents since then. BELECTRIC has constructed more than 300 solar PV power plants with around 2 GWp PV capacity. In addition, the company realized battery energy storage systems and hybrid power solutions, which combines different technologies to autarkic systems. As one of the largest O&M providers globally, BELECTRIC's full-integrated services provide continuous operation. State-of-the-art solar power plant technology and energy storage technology support the grid infrastructure and contribute to cost reductions in the energy sector. With numerous patents and innovations, BELECTRIC has proven its technological leadership in the industry.

For more information www.belectric.com

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