

Press release

31 January 2022

BELECTRIC builds another large-scale floating PV plant in Israel

- Innovative solar project with an installed capacity of 16,8 MWp will be finalized by the end of 2022
- BELECTRIC also awarded as operation and maintenance service provider

Kolitzheim (Germany) / Be'er Scheva (Israel) – BELECTRIC is further increasing its footprint in the floating PV industry. The solar energy specialist is building a floating PV project with an installed capacity of 16,8 Megawatt Peak (MWp) for S'energy and the large scale water utility “Carmel shore waters” in Israel. Together with S'energy, BELECTRIC's Israeli subsidiary will carry out the engineering, construction and commissioning work for the plant, which is located on a water reservoir near Kibbutz Ma'ayan Tzvi in the north of the country. Construction works are expected to start within the first quarter of 2022 with commissioning planned for the end of the year. BELECTRIC will also take on operation and maintenance (O&M) for the floating solar project.

“Floating PV installations open up new opportunities for solar, especially in countries with high population density and competing uses for available land”, explains Ingo Alphéus, CEO of BELECTRIC GmbH. “After our successful entry into the floating PV market last year, we are now on the forefront of this fast-growing industry due to benchmark projects like this.”

Each of the more than 30.000 PV modules will be individually mounted on a floating platform. The PV system is connected to the mainland via floating marine grade power lines. The floating platform itself is held in place by an anchoring and mooring system with direct rammed piers.

“This is already the fourth floating PV project we are realizing for customers in Israel. The greatest advantage of floating solar is that it reduces land utilization and site preparation issues associated with traditional solar installations. An additional benefit is that the water cools the panels naturally, which should increase their efficiency”, adds Anna Velikansky, Managing Director of BELECTRIC Israel Ltd.

BELECTRIC is one of the world's leading EPC service providers in the development and construction of ground-mounted solar power plants and floating PV systems. The solar energy specialist looks back on more than 20 years of experience in power plant construction and has built over 4 gigawatts of capacity worldwide. Via its subsidiary BELECTRIC Israel Ltd., the company has already realized 35 solar projects with a total capacity of around 570 MW in the country, among them Israel's largest solar project to date. With an installed capacity of 120 MW, the solar plant near the village of Zeélim produces more than 220 gigawatt hours of green electricity per year. In addition, BELECTRIC is currently building a floating PV project on behalf of EDF. The 19,3 MW plant, which is one of the largest plants of its kind in Israel, is located on several water reservoirs for fish farming pools near the Kibbutz Lohamei HaGeta'ot in the north of the country. Commissioning is expected to be reached by end of this year.

BELECTRIC is a member of Elevion Group. Elevion Group BV is one of Europe's leading energy service providers in the field of modern energy solutions that focus on sustainability and climate neutrality. Elevion Group belongs among Germany's market leaders in this segment. The group currently is comprised of approximately 54 consolidated companies and employs more than 4,100 people at 87 locations in nine countries – in addition to Germany, these include the Netherlands, Austria, Italy, Hungary, Poland, Romania, and China. The owner of Elevion is ČEZ Group, one of the Top 10 companies in the European energy market.

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

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Picture:



Caption:

The floating PV plant shown has a capacity of 4,8 MWp and is located near Gan HaShomron in Israel. Close to Ma'ayan Tzvi in the north of the country, BELECTRIC will now be constructing a 16,8 MWp plant on a water reservoir.

Further information can be found at www.belectric.com and www.eleviongroup.com

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