

Dear Sir or Madam,

On behalf of Hrvatska Elektroprivreda (HEP), we invite interested contractors to express their interest in the construction of the Sukosan Solar Power Plant (SPP Sukosan).

SPP Sukosan is a project in an advanced stage of development, owned and developed by Hrvatska Elektroprivreda (HEP), the largest electricity utility in Croatia and a company fully owned by the Republic of Croatia. The project is planned to be financed through the European Bank for Reconstruction and Development (EBRD) and will be implemented in accordance with the EBRD procurement policies and rules.

A location permit has already been obtained, while the building permit is expected in the second quarter of 2026. The project is expected to reach ready-to-build status in the fourth quarter of 2026.

The planned grid connection capacity of SPP Sukosan at the interface with the 110 kV transmission network is 45 MW.

The project is located in Zadar County, within the Municipality of Sukosan. The solar power plant will extend over cadastral plots 645/1 and 645/5 in the Sukosan cadastral municipality. The site is located approximately:

- 3 km northeast of Sukosan,
- 1.5 km north of the Debeljak settlement,
- approximately 2 km south of Zadar Airport.

The location of the Sukosan solar power plant is shown in the figure below.

The SPP Sukosan project is planned with:

- an installed PV module capacity of approximately 56.5 MWp,
- an installed AC inverter capacity of approximately 48.3 MVA,

covering an area of approximately 54.8 hectares.

The scope of construction works will include:

- preparation and leveling of the power plant site,
- construction of an access road and internal gravel roads,
- installation of photovoltaic modules mounted on supporting structures,
- electrical infrastructure of the Sukosan solar power plant, including:
  - low-voltage (LV) and medium-voltage (MV) cable networks,
  - string inverters,
  - internal LV/MV substations,
  - control installations,
  - grounding systems and associated equipment,
- perimeter fencing and video surveillance to restrict access.

In addition to the construction of the solar power plant, the project also includes the construction of a new 110/33 kV Sukosan substation, required for connection to the 110 kV transmission network. The substation will be located adjacent to existing 110 kV transmission lines, enabling simple interpolation into the Zadar – Istok Biograd transmission line by constructing two new tension towers within the existing transmission corridor.

The SPP project is also planned to be expanded through the construction of an internal Battery Energy Storage System (BESS) that will enable the storage of generated electricity and its delayed dispatch depending on grid conditions and electricity market conditions.

Implementation of the battery storage system within SPP Sukosan will include:

- installation of battery units,
- LV/MV substations,
- integration of their SCADA and control systems,

enabling operation of an energy storage system with power of up to 50 MW and capacity of up to 200 MWh.

Standardized battery units are planned to be used, including:

- DC/AC battery converters (which may be integrated within battery substations),
- a low-voltage switchgear block,
- auxiliary systems cabinets,
- integrated fire detection and suppression systems,
- integrated LV connections and cabling,
- grounding and equipotential bonding connections.

The battery containers will be equipped with:

- cooling systems,
- appropriate ventilation,
- fire prevention, detection and suppression systems.

The layout of battery containers will ensure that all minimum safety distances between containers and other equipment are respected, in accordance with manufacturer guidelines and applicable regulations.

To connect battery converters to the internal medium-voltage network, internal substations for LV/33 kV transformation will be constructed.

All battery system equipment will be installed on a gravel platform at a suitable location within the SPP area, positioned near the internal Sukosan substation and accessible via the internal road network of the solar power plant.

An overview site layout of the SPP according to the existing main design is presented in Figure 1, while Figure 2 shows the planned location of the internal battery storage facility (BESS) within the project area.

A project presentation and site visit will be organized on 30 and 31 March in Zadar and at the project location. During this event, participants will have the opportunity to receive additional information and ask questions regarding the project.

Following this invitation, we kindly ask you to forward this information to interested companies and economic operators in your country, and to inform us which companies would be interested in attending the presentation.

A detailed agenda will be shared once we receive the list of companies interested in participating in this opportunity

We look forward to your response and potential cooperation on this important renewable energy project.

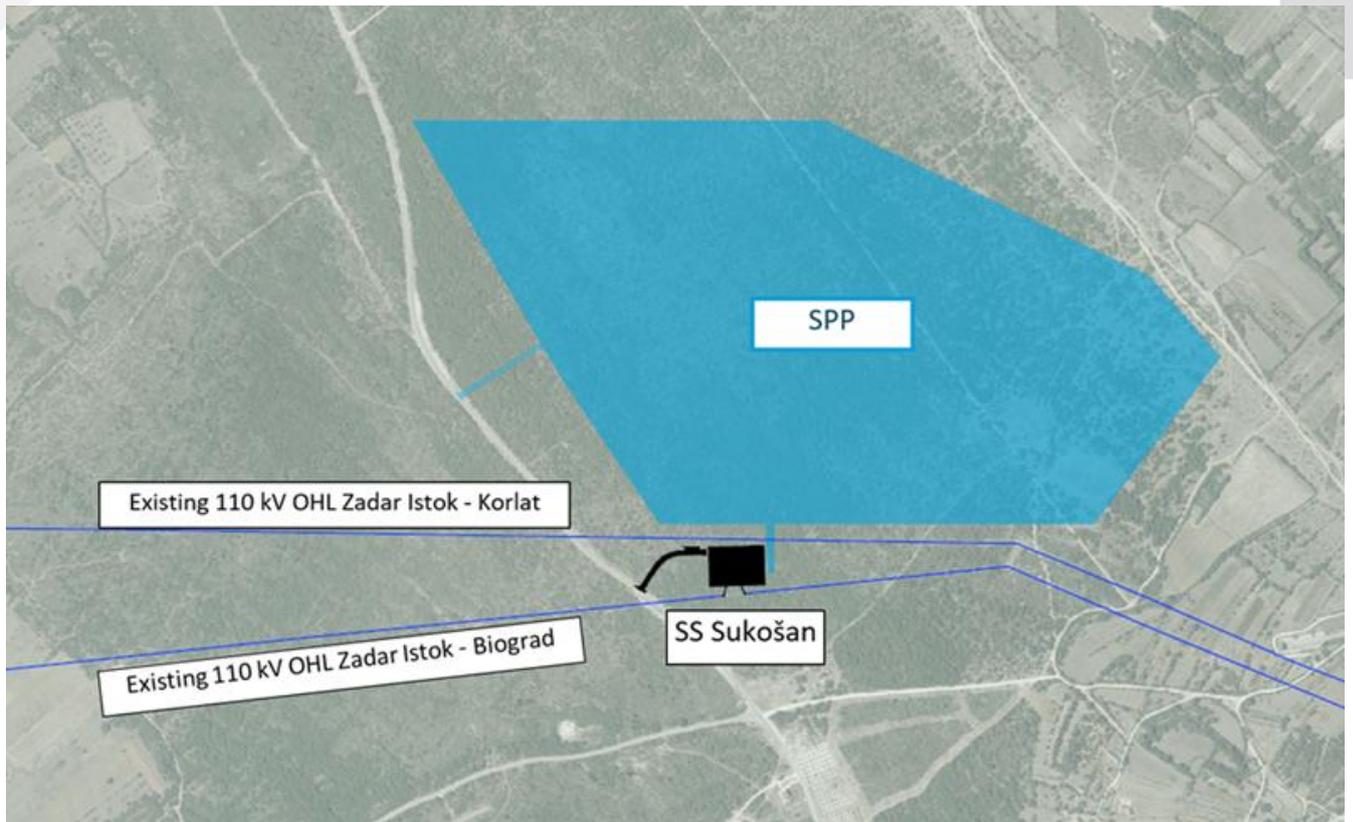


Figure 1 SPP Sukosan with grid connection

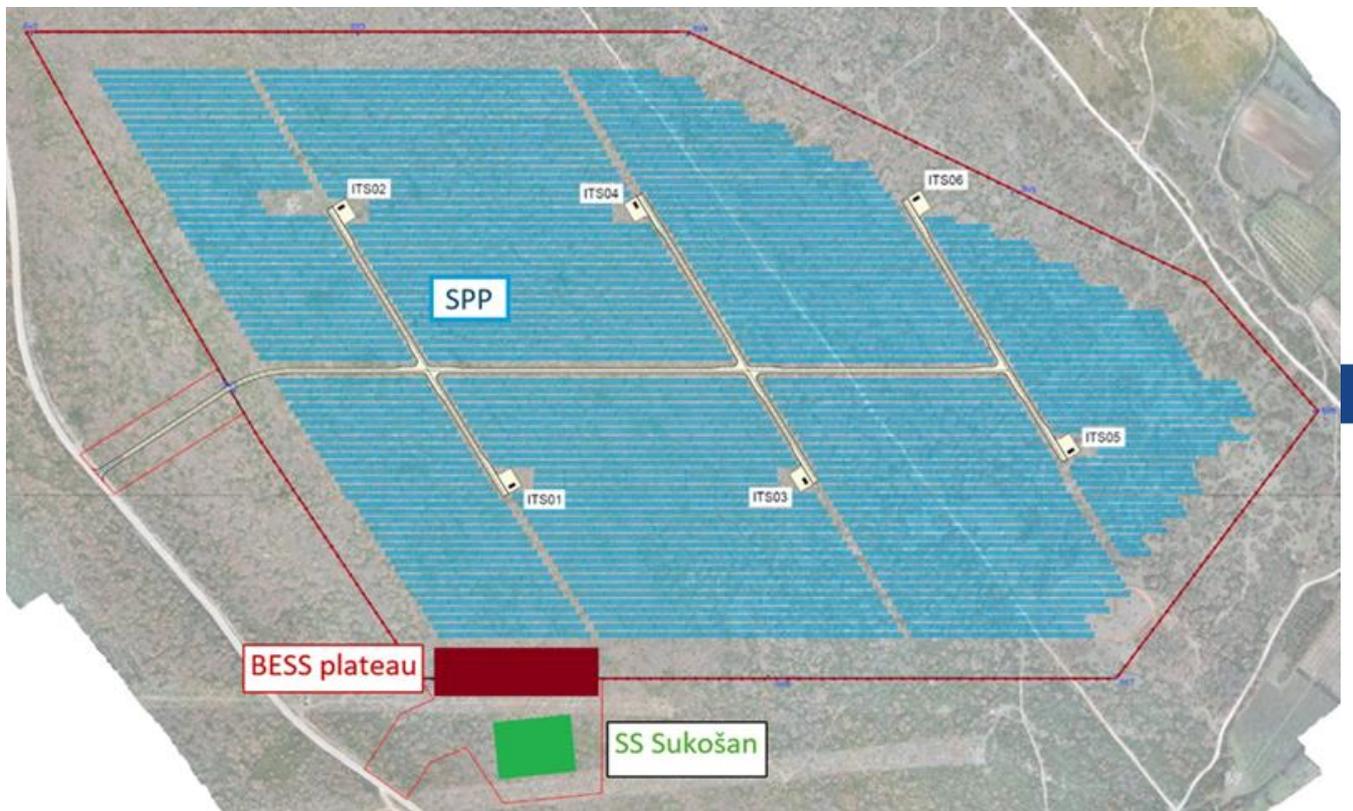


Figure 2 Layout of SPP Sukosan with Sukosan substation and an area planned for Battery Energy Storage System

We are pleased to invite you to the **Presentation of the Solar Power Plant Sukošan Project and a Site Visit**, which will take place on **30–31 March 2026** in **Zadar, Croatia**.

The **project presentation** will be held on **30 March 2026 at 16:00** at the **Hyatt Regency Hotel in Zadar**.

On the following day, **31 March 2026**, a **site visit to the project location in Sukošan** will be organized during the **morning hours**, providing an opportunity to see the future location of the solar power plant and discuss the project on site.

Further details regarding the agenda and logistics will be shared soon.