

EIA FOR 20 MW PHOTOVOLTAIC PLANT IN HURGHADA, 2012



A consortium of Tokyo Electric Power Service Co. (TEPSCO) and Shikoku Electric Power Company (Yon-den) signed a contract with JICA for performing a Feasibility Study (FS) on the Photovoltaic Power Plant (PV Plant) Project in Egypt for the Egyptian New & Renewable Energy Authority (NREA). The project site is located in Hurghada wind farm area approximately 9 Km north of Hurghada City. The capacity of the PV plant is 20 MW, which is intended to be connected to the national electricity grid. According to the national Egyptian EIA system, the project is categorized a “C” project, which requires a full EIA. JICA and NREA commissioned Environics to undertake the Environmental and Social Impact Assessment (ESIA) for the project.

Environics carried out site investigations and sampling, analyses, meetings, and document reviews to prepare the ESIA according to the requirements of both the EEAA and JICA. The ESIA covered all the components of the plant at the site preparation, construction, startup, and operation phases, which included the treatment and discharge of wastewater and the terrestrial impacts of the project, since it had no marine contact.

