

PRESS RELEASE

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Gila Al-Tawakol Electric In Partnership With Intro Sustainable Resources Launch Their Second Utility-Scale 5 MW Solar Energy Project in Sharm El-Sheikh To Power Up The COP27 Conference

Cairo, November 3, 2022: Continuing on our pathway to sustainability, [Gila Al-Tawakol Electric](#) (“Gila”) is fulfilling its commitment to the South Sinai governorate to establish 40MW (Mega-Watt) of solar Photovoltaic (PV) capacity through increasing our generation capacity in Sharm El-Sheikh. In line with the occasion of hosting the 27th Conference Of the Parties of the UNFCCC (COP27), and under the auspices of their Excellencies Dr. Mohamed Shaker El Markabi, Minister of Electricity and Renewable Energy, and Major General Khaled Foda, Governor of South Sinai, we pridefully announce the launch of Intro-Taw, a joint venture 5MW PV power plant project between Gila Al-Tawakol Electric and [Intro Sustainable Resources](#) (“Intro”).

Intro-Taw PV power plant is located 11 Km south of Sharm-El- Sheikh airport, built to supply the Egyptian grid with 13 GWh/year and to power the COP 27 conference rooms with clean energy. The project is the second phase of the original 5MW PV power plant under the name of Introsolar that was connected to the grid in 2017 under the Feed-in Tariff phase-one program. At the time, Introsolar was the largest solar plant operating in Egypt. Today we are delighted to add a new superlative being the combined 22 GWh of energy produced annually between phases 1 and 2 makes it officially the largest solar energy production facility in Sharm El Sheikh! More importantly, a whopping annual mitigation of approx. 11,000 tons of Greenhouse Gases (GHG) shall be achieved – to put it in perspective, it’s the equivalent of the emissions of an average car driving for more than 800,000 KM!

Not to mention that owing to the continuous support of the government represented in the Ministry of Electricity, the Governorate of South Sinai, the New and Renewable Energy Authority (NREA), the Egyptian Electric Utility and Consumer Protection Regulatory Agency (EgyptERA), and Canal Company for Electricity Distribution (CCED), Gila and Intro have been granted all the required licenses to develop, construct and operate the plant on a land area of 0.95 Km². The whole project with all its phases was accomplished in a record time thanks to our sister company [GTCL Energy & Infrastructure](#), the highly qualified and top professional EPC contracting company specialized in delivering turnkey solar energy solutions; they took on the project in August 2022 and safely reached the Commercial Operation Date (COD) in October 2022. Furthermore, the project conduces to aiding the Egyptian economy by employing locally manufactured components reflected in 38% of the total project components’ value – one of, if not, the highest local-to-foreign ratio achieved in Egypt.

Speaking of locally manufactured components, with all Egyptian pride, another sister company of Gila ([Al-Tawakol NTT](#)) supplied the project with a state-of-the-art solar PV steel structure tracking system becoming the first Egyptian company to locally design and manufacture such a system according to the latest technologies in the field. [Ezz Dekheila](#) being the supplier of the steel, the sturdy system will help increase the project yield by more than 25% across its lifetime

optimizing efficiency and increasing the positive impact on the environment. Even further, the PV panels supplied by the leaders in the industry [Suntech](#), our long-time success partner, will help the project produce at least 5% more of sustainable electricity. The dependable [Sungrow](#) inverters will ensure reliability and steadiness of performance.

About Gila Altawakol Electric S.A.E: Proudly being an Egyptian local family business, Gila Al-Tawakol Electric is a leader in the wide-range of quality electrical products' manufacturing and trading domain and a key partner in Schneider Egypt. The company efficaciously contributes to achieving the Egyptian target of covering 42% of the country's electricity need through clean energy by 2035, aligned with the Go Green initiative. Gila Al-Tawakol Electric has been one of the leading companies in the solar energy sector for almost a decade excelling as a developer, constructor, and operator of utility-scale projects. The company's portfolio consists of 200 MW of operating solar PV projects, is operating and maintaining 133 MW capacity of projects at the highest industry standards and have successfully completed 150M EGP worth of solar PV EPC contracts since 2019.