



ZINGA® ON PHOTOVOLTAIC PLANTS

As the world rapidly transitions to renewable energy, the lifetime performance of a solar farm depends not only on the efficiency of the photovoltaic modules but also on the durability and reliability of its supporting steel structures. While solar panels are designed to operate for 30 to 35 years, the challenge lies in ensuring that the foundations and frameworks can match this lifespan with minimal maintenance.

ZINGA®, with its exceptionally high zinc content of 96%, provides the ideal solution. Acting as an advanced system for galvanic protection, repair, and maintenance, ZINGA® guarantees long-lasting corrosion resistance even in the most demanding environments. The product is fully compatible with HDG, making it the perfect choice for touch-ups, reinforcing zinc thickness, and restoring compromised areas without the need for complete replacement.

Application is both efficient and practical. ZINGA® systems can be applied in a single day with limited surface preparation, ensuring minimal downtime during construction or maintenance phases. For projects situated in harsher conditions, such as aggressive soils or environments with elevated chemical exposure, an additional layer of **ZINGATARFREE** provides superior long-term protection, safeguarding critical assets against premature degradation.

For owners and contractors, this translates into one clear advantage: a future-proof solution that guarantees supporting steel structures last as long as the solar panels themselves. With reduced operational expenditure (OPEX), vastly extended maintenance intervals, and proven performance, ZINGA® helps maximize return on investment while ensuring sustainability targets are met.

It is no coincidence that leading companies across the globe have already placed their trust in ZINGA®. From small-scale solar installations to large photovoltaic power plants, ZINGA® has become a trusted partner in securing structural integrity and protecting renewable energy investments for generations to come.



SOME EXAMPLES OF OUR +100 REFERENCES

- **SPAIN** - Carmona Solar Farm
- **SAUDI ARABIA-K.S.A.** - Solar Parks SAUDI ELECTRICITY Cy.
- **INDIA** - Devikot 240MW Solar park
- **VIETNAM** - BIL-2 solar power plant (250MW)
- **IRELAND** - Solar Panel Mounting Brackets (Galway)
- **PERU** - Tacna Solar Plant
- **MEXICO** - Las Lomas de Ocampo
- **FRANCE** - Parc Solaire commune de Salaunes



JORDAN



SPAIN



FRANCE



UR



PERU



MEXICO



JORDAN – BELECTRIC GULF SOLAR PLANT

The AZEZA (Aqaba Special Economic Zone Authority) invested in a new photovoltaic plant nearby the Amman Airport. The BELECTRIC GULF company, a subsidiary of BELECTRIC Solar & Battery GmbH (Kolitzheim, Germany) obtained the order. BELECTRIC GULF decided to protect the supporting beams of the solar panels with ZINGA, which were previously hot dip galvanised but already showing black spots and red rust.

The Jordan ZINGA Distributor, JORDAN UNITED FOR GENERAL SUPPLIES (J.U.G.S.) supplied the ZINGA. The works started in 2022 with the Main Contractor YELLOW DOOR ENERGY and the whole project was delivered in March 2023. The whole plant has a capacity of 46 MWp and consists of 395,000 photovoltaic panels (the size of 400 football pitches).



ZINGAMETALL BV-SRL

Industriepark T. +32 9 385 68 81
Rozenstraat 4 info@zinga.be
9810 Eke (Belgium) www.zinga.eu