



# Egypt solar energy for businesses

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Our work at Infinity has one major ecological and ethical purpose: To contribute to the transition to a clean energy model that will provide the impact necessary to reach this goal and power our societies in the ways that protect our planet.

Infinity's current operational projects generate approximately 2,159,180 MWh of electricity per year, which equates to a reduction of 802,805 tons of CO2 emissions per year using conventional power generation.

Our value proposition is to remove all capex expenditures from the offtaker and guarantee opex savings. SolarizEgypt will handle all the financing required for the design, installation, operation and maintenance of the solar power plant. Our objective is to sell the electricity generated from the solar plant.

Our electricity production is guaranteed for your ease of mind. This means that we are 100% sure to provide you with what we promised and if for any reason we do not deliver the promised electricity production we reimburse you financially, so under no circumstances will you not get the electricity savings we promised.

Our capable in house technical team are highly experienced to tailor the most efficient solution to make use of all the available area provided, using the most up to date technologies available. You are welcome to visit any of our many operating solar plants all over Egypt to see this first hand.

No matter the industry, solar energy is always the right way to go. Our on grid solar power plants will compliment your already existing national grid electricity diversifying your energy mix and making it more sustainable and takes you one step closer to getting your LEED Certificate. Solar energy provides electricity savings, carbon offsets and makes you more competitive when exporting. We make sure to use all of your unused spaces like your roof or any other area you provide

Our agricultural solutions is custom made for your specific crop and your agricultural needs. We have a vast array of solutions ranging from PV-Diesel Hybrid solutions to PV and mechanical storage via water reservoirs to simple solar pumping solutions. We understand that each crop is different in its water needs and we tailor the solution depending on what is needed. Our solar solutions will allow you to reduce costs and guarantee your competitive edge in all markets.

Whether you are a touristic city or a hotel, we are able to compliment your existing national grid electricity with green sustainable energy getting you one step closer to getting your green star. Not only will solar energy help you reach your sustainability goals, but it will also cut your electricity costs as well as attract more environmentally aware guests.

No grid? No problem! Our creative off grid solutions makes sure you get all the electricity you need no matter

where you are. We run simulations using PV, Gensets and BESS (Battery Energy Storage System) to make sure that the end combination of these is the most efficient and provides the cheapest electricity possible for you.

Egypt, which is well-known for its impressive antiquities and rich history, is quickly becoming a leader in contemporary sustainable energy methods. The nation has advanced to the forefront of solar energy utilisation thanks to its ample sunshine, advantageous position, and changing legislation. In this column, we examine Egypt's solar energy trends for 2023 and the potential they present.

The use of solar energy in Egypt provides advantages for the environment and the economy. As the solar industry grows, it has boosted regional economies and created job possibilities. The installation, operation, and maintenance of solar installations have all significantly increased the number of jobs available. Additionally, the decrease in energy costs has benefited households, businesses, and industries, resulting in increased prosperity and higher living standards.

The "Egypt Vision 2035" plan outlines Egypt's aspirational energy transition targets. The rising use of renewable energy sources, especially solar power, in the nation's energy mix is emphasised in this plan. These objectives support global initiatives to lessen carbon emissions and combat climate change. Egypt hopes to lessen its reliance on fossil fuels by embracing solar energy, helping to create a cleaner environment and a more sustainable energy future.

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