

## Neosun Energy Completed 1 MW Commercial Solar Station in South Africa



**December, 10 - South Africa, Global EPC company **Neosun Energy** completed the installation and launched the Commercial Solar Station for Dayizenza Mall in Nelspruit, South Africa. Recently the company announced the design and construction of a grid-tied solar PV plant with a total capacity of 1 MW, marking a significant milestone in its commitment to sustainability.**

“The solar power plant is projected to deliver monthly electricity savings in excess of 50-60% over its lifetime, contributing to both environmental and financial benefits. The service life of the solar station is more than 40 years. The initiative underscores Dayizenza Mall's dedication to reducing its environmental impact and supporting the transition to clean energy solutions in the commercial sector” – shared the Head of Sales NEOSUN South Africa, Jeanine Jackson.

Financially, the project demonstrates strong viability, with an internal rate of return (IRR) of 53% and a payback period of just 12 months, largely due to the Section 12B government tax incentive. The

cumulative savings are estimated to exceed R164 million over the plant's lifespan, making it a highly cost-effective renewable energy investment.

The project is expected to reduce 25,807 tons of CO<sub>2</sub> emissions, further establishing the mall as a leader in promoting sustainable practices within the Nelspruit region.

The system is a purely on-grid configuration, featuring 1,706 solar panels integrated with seven on-grid inverters. In its first year of operation, the system is projected to generate slightly over 1.6 GWh of electricity. This equates to an average daily generation of approximately 4.38 MWh, a figure that aligns closely with expectations for a solar installation of this scale in regions with high solar irradiance.



"This landmark project not only underscores the mall's commitment to sustainability but also serves as a model for other South African businesses. It highlights the financial and environmental advantages of renewable energy solutions, contributing to a cleaner, more sustainable future", – emphasized Jeanine Jackson.

Neosun Energy has recently opened new branches in CapeTown and Johannesburg to be closer to the local customers. For local businesses in South Africa, solar energy represents a significant cost-saving opportunity, being the cheapest form of energy generation.

"Our mission in South Africa is to help local enterprises to gain access to electricity since it is crucial for any business, especially in rural areas where the price for electricity is very high and supply is not stable.

Electricity is an oxygen for business and this 1MW project for Dayizenza Mall is a special symbol for us. It shows how fast we can build the solar power system to reduce the cost for electricity and



increase the energy independence for businesses operational efficiency”, - added the CEO of Neosun Energy Ilya Likhov.



Ribbon Cutting Ceremony in Dayizenza Mall, Nelspruit

### **About Neosun Energy**

[Neosun Energy](#) is an international Solar EPC company that provides Commercial Solar PV & Energy Storage Solutions (ESS) with capacity from 200kW to 10MW for Commercial and Industrial projects Worldwide. The company constructs solar power plants and energy storage systems (ESS) on a turn-key basis, covering all stages of construction including design, equipment supply, construction, and commissioning. The company has implemented solar PV projects in 16 countries worldwide.

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