



KENYA MAY 24 2022

FIMER PROVIDES ITS HIGH TECHNOLOGY SOLAR INVERTERS FOR A WATER PUMPING STATION IN OLOITOKITOK, AT THE FOOT OF KILIMANJARO (KENYA)

Leading tier one global solar inverter supplier FIMER recently provided 16 PVS-100 inverters, cloud connected three-phase string solution, for a PV project in Kenya thanks to its collaboration with SOVEMA INTERNATIONAL FRANCE, MACHIRI LTD KENYA, AXUN SOLAR FRANCE for engineering and ECOENERGY Cameroun for commissioning.

This special project - **ATHI Water Solar Power Plant Oloitokitok for pumping station** - which was installed in January 2022, consists of 2 x 750 kW solar plants powered by 8 FIMER PVS-100 and one M2M energy meter each. The plant is set to no-injection mode to replace a genset and covers the energy requirements of the water pumping station. The aim of the project is to reduce the cost of electricity bills while supporting the grid (in the future), by injecting exceeding energy into the grid. This energy reinforcement will also reduce electricity shortages due to the lack of available electricity in the area and provide more comfort to the local population.

Thanks to its partnership with **Sovema International**, **FIMER** was able to provide its solar technologies to launch the first project of this magnitude in this country, paving the way for other similar relevant projects.

PVS-100/120-TL is FIMER's cloud connected three-phase string inverter solution for cost efficient decentralized photovoltaic systems for both ground mounted and rooftop applications.

This high-power platform with power ratings up to 120 kW, maximizes the ROI for decentralized C&I solar plants. With up to six MPPT, energy harvesting is optimized even in shading situations.

This best-selling inverter also allows savings on installation resources as less units are required and, thanks to its compact size, further savings are generated from a logistics and maintenance point of view. Moreover, the integrated DC/AC disconnection, 24 string connections, fuses and surge protection, remove the need for additional boxes.

Standard wireless access from any mobile device makes the configuration of inverter and plant easier and faster. The improved user experience thanks to a built-in User Interface (UI) enables access to advanced inverter configuration settings. The Installer for Solar Inverters mobile app, available for Android/iOS devices, further simplifies multi-inverter installations.



Jean Harrault, FIMER Internal Sales Engineer Renewable Energy said: *"It is a privilege to be involved in such an important project, for the first time in Kenya. The popularity of solar is increasing worldwide and we are honoured that Sovema International has chosen FIMER*



inverters for this PV plant. We look forward to further collaborations and to develop and complete new sustainable projects like this one”.

Stéphane Cartier, Electric Engineer in charge of Sovema International's Dual and Solar Energy Department said: *"Sovema International has always looked forward to adopting new technologies particularly those involving solar energy which should dominate increasingly Water sphere, whether pertaining Pumping Stations or Water Treatment Plants. Cooperating with a major solar specialist such as FIMER is our privilege and the perfect choice for we have always looked up for clients' recognition and best satisfaction in all fields".*

About FIMER

FIMER is the fourth largest, tier one, renewable energy equipment supplier in the world. Specializing in solar inverters and electric mobility systems, it has over 1100 employees worldwide and offers a comprehensive solar solutions portfolio across all applications. FIMER's skills are further strengthened by its bold and agile approach that sees it consistently invest in R&D. With a presence in over 20 countries together with local training centers and manufacturing hubs, FIMER remains close to its customers and the ever-evolving dynamics of the energy industry.

For further details, visit our website www.fimer.com and follow our social channels:



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SOVEMA INTERNATIONAL®, was first established in 1981. Yet SOVEMA's experience in drinking water supply equipment goes even further back and is due to its founder, the former manager of Brossette Establishments, who dealt successfully in the 60's in most of the Sub-Saharan countries, specializing in boreholes installation and hand pumps manufacturing. SOVEMA INTERNATIONAL®, produces and distributes mainly in Africa all which pertains boreholes, water supply equipment,



sewerage and pumping stations, industrial control panels, low voltage and medium power supply, electric and laboratory equipment such as the following:

- Riser pipes and PVC or steel strainers
- Drilling tools and geothermic sensors
- Hand pumps, hydraulic connection kits,
- Dosing pumps and line shaft mixers
- HDP tanks - Cast iron or Steel pipes
- Network fittings, gate valves,
- Connecting devices: Generators, Pumps
- Solar panel pumping system,
- Automation and remote-control systems
- Laboratory equipment; measuring devices
- Borehole muds, clay, Additives and grout

The successful combination of an intensive experience due to decades of field presence in key countries along with the keen technology of our specialists and partners such as FIMER, allows us to guarantee our clients a real technical mastery in all that pertains Drink water, Treatment or Sewerage projects, Scada system, Solar electrification.

For further details, visit our website www.sovema-international.fr

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