



KICKING OFF THE FIRST COMMUNITY SOLAR SYSTEM!

Work officially started at Kabrikha; a kick off meeting was held on site in the presence of municipality representatives during which the project's technical details were discussed. A 250 kWp centralized PV – diesel system will be installed and coupled with diesel run generators; the implementation will allow the village to benefit from the first community – net metering scheme in Lebanon when electricity from the grid is available. During blackouts, the system connected to the municipal network would provide diesel savings.



GEMAYEL FRERES IS PRODUCING ITS OWN CLEAN ENERGY

The 300 kWp PV – diesel hybrid system at Gemayel Freres is operational allowing the facility to produce its own clean energy on-site. The implementation delivers around 60% of the facility's total energy needs, providing an estimated 60 thousand USD savings per year. The system is part of several initiatives to the road to sustainable production that GF is committed to and is expected to displace 303,847 kg of CO2 emissions per year.



SOLAR PHOTOVOLTAIC HYBRID POWER PLANTS

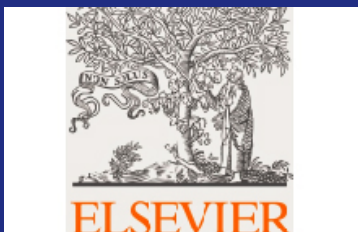


Innovative solutions in clean energy production have been implemented or are under implementation in several industrial / commercial sites around Lebanon. These technologies, hybrid PV-diesel installations, allow the facilities to use solar power during EDL shortages and hence decrease the reliance on polluting diesel operated generators and on the grid when available. This present report provides the technical know-how for the design, installation, operation and maintenance of such systems.



Bulletin

REPORTS (READING/ REFERENCES)



ELSEVIER

Cradle – to – gate Life Cycle Assessment of Traditional Gravel Ballasted, White Reflective, and Vegetative Roofs: A Lebanese Case Study.



ELSEVIER

Decarbonizing Global Power Supply Under Region – Specific Consideration of Challenges and Options of Integrating Variable Renewables in the REMIND Model

EVENTS, CONFERENCES



Beirut Energy Forum

The International Beirut Energy Forum for Sustainable Development will be held from September 21 to 23 at Le Royal Hotel in Beirut



JOBS, FUNDING PROCUREMENT



UNDP

The UNDP is seeking the individual services of an International Climate Change Adaptation Consultant. Deadline: 7 Sep 2016



UNDP

The UNDP is seeking for the delivery, installation, and commissioning of the bioenergy co-generator for the successful operation of the Baalbek biogas production plant in Baalbek, Bekaa, Lebanon. Deadline: 9 Sep 2016





ELSEVIER

Optimal Sizing of a residential PV-Battery Backup for an intermittent Primary Energy Source under Realistic Constrains



ELSEVIER

Predictive Demand Side Management of a Residential House under Intermittent Primary Energy Source Conditions



23rd World Energy Congress

The 23rd World Energy Congress will take place on 9-13 October in Istanbul



EU Neighborhood Info Centre

The EU Neighborhood is looking to sustainably valuing the resources of rural areas for the benefit of the most vulnerable. Deadline: 20 September 2016



European Neighbourhood

The EU Neighborhood is looking for the provision of engineering design, supervision and associated services for solid waste treatment facilities – SWAM 2. Deadline: 30 September 2016.



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