



RENEWABLE ENERGY ENGINEERING & EPC

SUN FOR FREE

Engineered for Reliability.

COMPANY PROFILE · 2026



SUNFORFREE
SOLAR ENERGY

INFRASTRUCTURE SNAPSHOT

Renewable Energy Infrastructure

More than a decade of engineering-led execution across Lebanon — from utility-scale solar water pumping to institutional battery energy storage, delivered to international consultant and donor-agency standards.

5+ MWp

Installed Solar Capacity

1+ MWh

Battery Energy Storage

400+

Solar PV Systems Executed

10+

Years of Industry Experience

NATIONWIDE

Project Execution Across Lebanon

Core Capabilities

- **Solar PV Systems** Ground-mount and rooftop photovoltaic infrastructure.
- **Battery Energy Storage** Hybrid BESS integration for operational continuity.
- **Solar Water Pumping** Solar-powered pumping infrastructure for agriculture and utilities.
- **Hybrid Energy Systems** Integrated solar, storage, and grid/generator hybrid solutions.

Selected Clients

UNICEF UNHCR EU ESFD ALI BWE General Security Offices INTERSOS PCPM Lebanese Civil Defense

SINCE 2016

Who We Are

Established in 2016, SUN FOR FREE is a Lebanese renewable energy engineering and EPC company specialized in solar photovoltaic systems, battery energy storage systems (BESS), solar pumping infrastructure, and hybrid energy systems.

Based in Zahle, Bekaa, the company delivers renewable energy infrastructure projects across institutional, industrial, agricultural, commercial, and public-sector applications throughout Lebanon.

With more than 5 MWp of installed solar capacity and over 1 MWh of battery energy storage systems executed, SUN FOR FREE has developed a strong track record in renewable energy infrastructure — including water pumping facilities, educational institutions, industrial enterprises, public-sector facilities, and institutionally funded energy projects.

**ENGINEERING EXCELLENCE · LOCAL EXPERTISE ·
NATIONWIDE REACH**



WHAT DRIVES US

Mission, Vision & Core Values

Mission

To engineer and deliver reliable energy infrastructure that empowers communities, institutions, and businesses through technical excellence, disciplined execution, and a commitment to long-term performance.



Vision

To advance resilient energy infrastructure through engineering excellence, trusted execution, and solutions that create lasting value for generations to come.



Core Values

Engineering Excellence

Sound engineering principles, international standards, and rigorous technical oversight.

Safety

Safe execution practices that protect our teams, clients, and stakeholders.

Reliability

Systems that support operational continuity and long-term, dependable performance.

Innovation

Practical, proven technologies that improve performance and resilience.

Integrity

Transparency, accountability, and professional responsibility in every relationship.

Client Commitment

Long-term partnerships built on understanding, respect, and care.

ENGINEERING LEADERSHIP

Tony El Kara

Founder & CEO

SUN FOR FREE is led by Tony El Kara, holding an MSc in Mechanical & Energy Engineering, an MBA in Project Management, and internationally recognized professional credentials:

CEM® CMVP® CEA® CWEP® CBCP® SPVP® PCF®

With more than a decade of experience in the energy sector, his work has focused on renewable energy infrastructure, solar pumping systems, battery energy storage systems, energy management, commissioning, and the delivery of institutional, industrial, agricultural, and public-sector projects throughout Lebanon.

Areas of Focus

- **Renewable Energy Infrastructure** Engineering and delivery of solar PV systems.
- **Battery Energy Storage** Hybrid BESS integration and commissioning.
- **Institutional & Industrial** Public-sector and enterprise-scale project delivery.
- **Solar Pumping Systems** Agricultural and utility water pumping infrastructure.
- **Energy Management** Commissioning and long-term performance oversight.
- **Agricultural Projects** Renewable infrastructure for agricultural operations.

ENGINEERED FOR RELIABILITY · *Since 2016*

TRACK RECORD

Project Portfolio

Selected renewable energy infrastructure projects demonstrating execution experience across water infrastructure, institutional facilities, industrial enterprises, educational facilities, agricultural operations, and hybrid energy systems throughout Lebanon.



CASE STUDY

ESFD / BWE / EU

1.319 MWp Solar Water Pumping Infrastructure

Client	ESFD / BWE / EU
Consultant	LIBANCONSULT
Sector	Water Infrastructure
Application	Solar Water Pumping
Capacity	1.319 MWp
Location	Bekaa, Lebanon

Large-scale solar photovoltaic infrastructure supporting critical water pumping operations across multiple water source facilities in Bekaa.



CASE STUDY

UNHCR

376.5 kWp Solar PV + 720 kWh BESS

Client	UNHCR
Consultant	M.J. Azzi & Partners SAL
Sector	Institutional Infrastructure
Application	Hybrid Solar & Battery Systems
Capacity	376.5 kWp + 720 kWh
Location	Lebanon

Hybrid solar and battery-backed energy systems supporting operational continuity across General Security Office facilities.



CASE STUDY

UNICEF

180 kWp Solar PV + 195 kWh BESS

Client	UNICEF
Consultant	Spectrum Engineering Consultants
Sector	Educational Infrastructure
Application	Hybrid Solar & Battery Systems
Capacity	180 kWp + 195 kWh
Location	Lebanon

Renewable energy infrastructure supporting public educational facilities through integrated solar and battery energy systems.



CASE STUDY

ESFD / ALI

212 kWp Solar PV + 327 kWh BESS

Client	ALI / ESFD
Consultant	ELARD GROUP
Sector	Industrial Infrastructure
Application	Hybrid Solar & Battery Systems
Capacity	212 kWp + 327 kWh
Location	Bekaa, Lebanon

Industrial renewable energy infrastructure integrating solar photovoltaic and battery-backed hybrid energy systems.



TRACK RECORD

Water Infrastructure Experience

→ **1.319 MWp** Bekaa Water Establishment

→ **312 kWp** Smaily Agricultural Land

→ **600 kWp** Maalouf Agricultural Land

→ **52 kWp** Ablah Treatment Plant

→ **180 kWp** Al Hallani Agricultural Land

→ **150 kWp** Kobayat Pumping System



TRACK RECORD

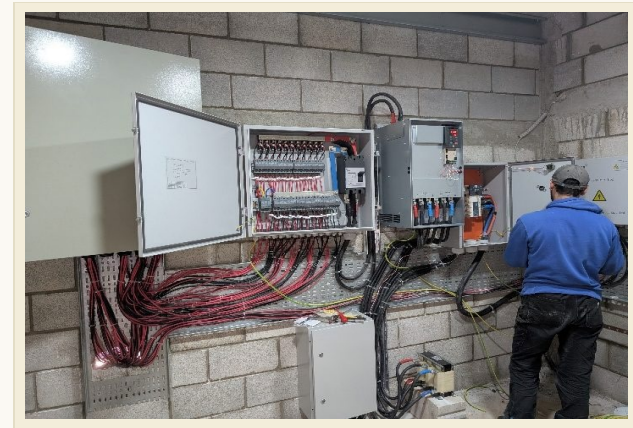
Battery Energy Storage Systems

→ **720 kWh** General Security Offices

→ **195 kWh** Public Schools Program

→ **327 kWh** Industrial Enterprises

→ **1.5+ MWh** Residential & Commercial Systems





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