



ESG ECOSUN
GLOBAL

ORGANISATIONAL PROFILE

Eco Sun Global: Where Clean Energy
Meets Smart Innovation



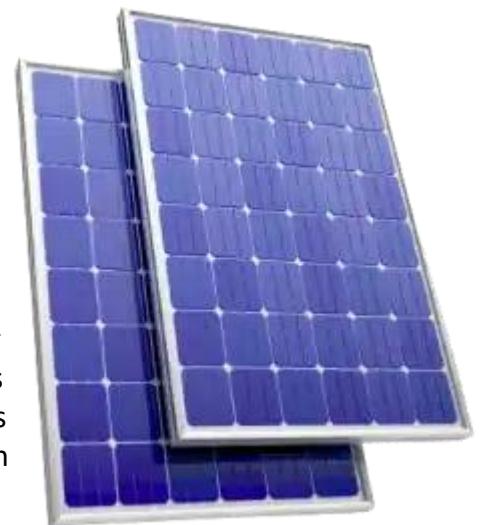
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About Us:

Eco Sun Global is a dynamic Pakistan-based renewable energy company dedicated to revolutionizing the way individuals, businesses, and institutions access power. We are committed to delivering tailored, intelligent solar energy systems that provide long-term value, energy independence, and environmental impact.

Headquartered in Peshawar, we specialize in customized solar solutions for diverse sectors—ranging from educational institutes and petrol stations to large-scale industrial units. We pride ourselves on our client-first approach and our strategic partnership with **Zonergy**, one of the region's foremost solar innovators.



Vision:

To power a sustainable Pakistan where solar energy fuels everyday life—from local communities to industrial powerhouses.

Mission:

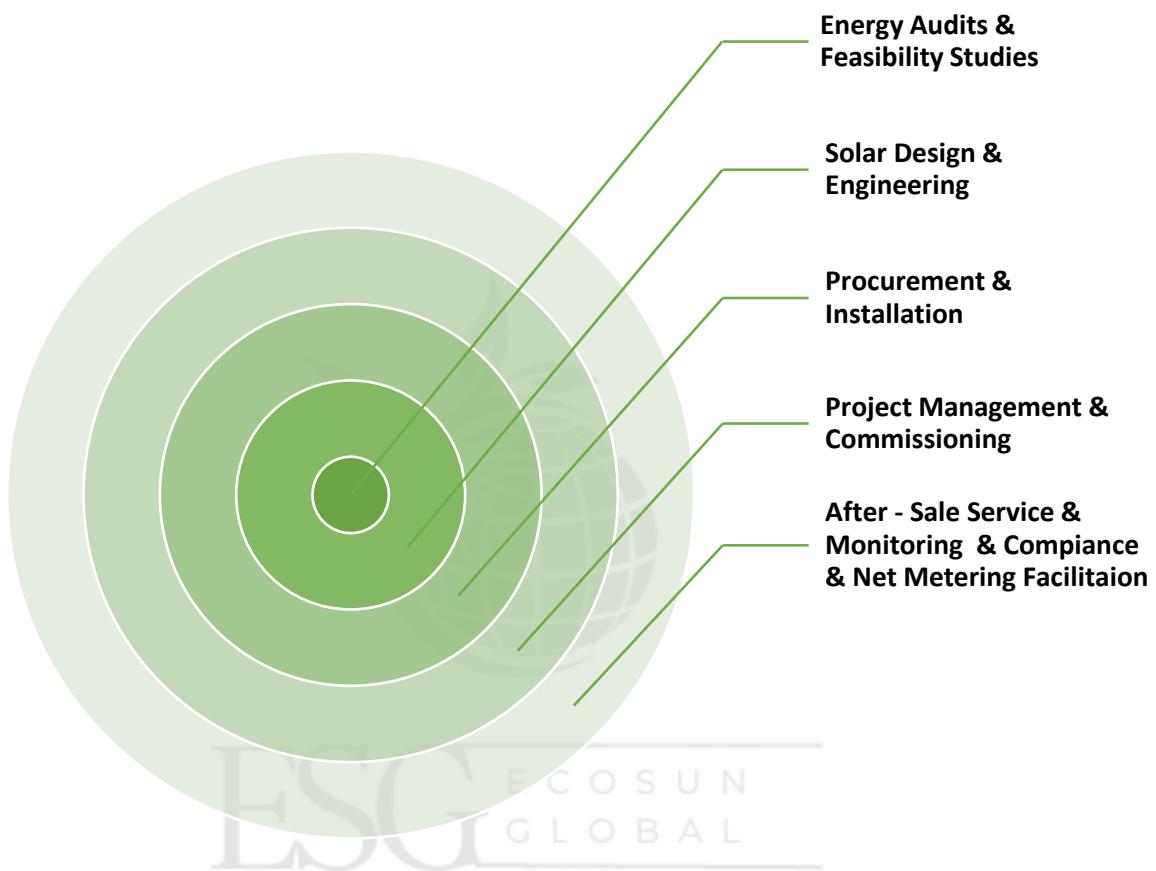
To lead Pakistan's transition to clean energy through innovative solar solutions that are accessible, efficient, and future-ready.

What We Do:

We offer end-to-end solar energy services for:



Core services:



Core Values:

Integrity: We operate with transparency, trust and accountability.

Innovation: Embrace cutting edge technologies to deliver optimal results.

Sustainability: Every solution is a step towards a greener planet.

Excellence: We never compromise on quality, performance or service.

Partnership: We build long term relationships with our clients and partners.

Sustainability Commitment:

At Eco Sun Global, we align our operations with the **UN Sustainable Development Goals**, particularly:

- **SDG 7:** Affordable and Clean Energy
- **SDG 13:** Climate Action

Each project we deliver reduces fossil fuel dependency, lowers carbon emissions, and contributes to Pakistan's renewable energy roadmap.



Our Projects:

Projects Executed by Eco Sun Global:

Creative Engineering and Management Services – Poultry Sheds Solarisation

Solarisation of Naguman Sheds:

- 📍 *Naguman, Peshawar, Pakistan*
- 🔋 *System Size: 110 kW*
- ⚡ *System Type: On-Grid*
- 📅 *Project Completion: May, 2024*

Eco Sun Global successfully executed the complete solarisation of **four poultry sheds** owned by **Creative Engineering and Management Services** in the agricultural region of **Naguman**. This project involved the **design, supply, installation, and commissioning** of a **110 kW grid-tied solar power system**, tailored to meet the unique energy demands of poultry operations.

The system was strategically distributed across all four sheds, optimizing energy efficiency and minimizing reliance on conventional grid power. Our engineering team conducted a thorough load analysis and implemented a centralized inverter configuration to ensure consistent and reliable power flow for temperature control, lighting and ventilation—critical components in poultry health and productivity.



Figure 1: Naguman Shed



CEMS
Creative Engineering &
Management Services

✓ Project Highlights:

- Customized layout for multi-shed distribution
- High-efficiency Tier-1 solar panels with premium-grade inverters
- Real-time monitoring system for performance tracking

- Net metering enabled for surplus energy export
- Significant operational cost reduction from day one

This installation not only reduced the client's monthly energy bills by a substantial margin but also demonstrated the viability and ROI of solar in agricultural operations. It stands as a model for clean energy adoption in Pakistan's poultry and farming sector.

Solarisation of Chamkani Shed:

- Chamkani, Peshawar, Pakistan*
- System Size: 40 kW*
- System Type: On-Grid*
- Project Completion: Dec, 2024*

Eco Sun Global extended its partnership with **Creative Engineering and Management Services (CEMS)** through the successful solarisation of their **Chamkani-based poultry shed**, installing a **40 kW on-grid solar power system**.



This system was designed to meet the shed's daily operational energy needs while maintaining grid connectivity for uninterrupted power supply. The engineering focus was on load optimization, seamless inverter integration, and preparation for future net metering.

Project Highlights:

- High-performance on-grid solar solution
- Designed for energy consistency in poultry operations
- High-efficiency PV modules with smart inverter tech
- System readiness for net metering and expansion

With this second installation, Eco Sun Global reaffirmed its capability in delivering **scalable and sector-specific solar systems**, tailored for agriculture and poultry enterprises across Pakistan.

Solarisation of Florid Hotel Kalam:

- 📍 *Kalam, Swat District, Pakistan*
- 🔋 *System Size: 24 kW*
- ⚡ *System Type: Hybrid*
- 📅 *Project Completion: Oct, 2024*

Eco Sun Global delivered a bespoke **24 kW solar power solution** for the renowned **Florid Hotel in Kalam**, a hospitality destination located in one of Pakistan's most scenic northern regions. This project was designed to provide consistent and clean energy to power the hotel's lighting, heating, and guest service infrastructure—significantly reducing dependence on unreliable grid power and diesel generators.

Operating in a remote, mountainous area presented unique logistical and environmental challenges, which were addressed through strategic equipment planning, smart load management, and rugged solar panel selection suitable for colder climates.

Project Highlights:

- Clean energy solution in an off-grid-prone region
- Reduction in fuel dependency and operational costs
- Improved guest experience through uninterrupted power
- Environmentally responsible energy transition in a tourism hub

This project stands as a showcase of Eco Sun Global's capability to execute **remote and hospitality-focused installations**—combining performance, reliability, and environmental consciousness.

Projects Executed in Partnership with Zonergy:

In collaboration with **Zonergy**, Eco Sun Global has co-delivered several major solar initiatives, combining strategic vision, global-standard technology, and executional excellence. These projects have been delivered across Balochistan and have resulted in several major schools, basic health units (BHUs) and hospitals being solarised thus showing EcoSuns capability of catering to all kinds of clients across diverse industries and fields.



Figure 2: Solar Panel Structure at Florid Hotel Kalam



Figure 3: Installed Hybrid System at Florid Hotel Kalam

S.No	Site Name	Province	City	Approx Capacity (Kw)
1	Government Boys Middle School Yate Road Quetta	Balochistan	Quetta	24
2	Pakistan Industrial Technical Assistance Centre Quetta	Balochistan	Quetta	36
3	Government Polytechnic Institute for Girls Quetta	Balochistan	Quetta	30
4	Sardar Bahadur Khan Women University (SBK) Basic Science and Research Based Departments	Balochistan	Quetta	120
5	Balochistan University of Information Technology, Engineering and Management Sciences (Sports Complex)	Balochistan	Quetta	60
6	Balochistan University of Information Technology, Engineering and Management Sciences (Central Library)	Balochistan	Quetta	30
7	University of Balochistan (History Department only)	Balochistan	Quetta	18
8	Government Girls High School Ladies Sandeman	Balochistan	Quetta	60
9	Government Boys High School Sandeman	Balochistan	Quetta	60
10	University of Loralai (Admin and ICT department)	Balochistan	Loralai	60
11	Government Girls High School Killi khudai Raheem	Balochistan	Chaghi	18
12	Government Boys High School CHAGHI	Balochistan	Chaghi	18
13	Sandeman Provincial Hospital	Balochistan	Quetta	240
14	Sheikh Mohamed Bin Zayed Al-Nayan Institute of Cardiology	Balochistan	Quetta	468
15	DHQ Chaman	Balochistan	Quetta	120

16	Benazir Bhutto Hospital	Balochistan	Quetta	160
17	Baluchistan Institute of Psychiatry and Behavioral Sciences - BIPBS	Balochistan	Quetta	68

In strategic partnership with **Zonergy**, Eco Sun Global played a pivotal role in the successful solarisation of multiple key government institutions and healthcare facilities across **Balochistan**. These projects collectively contributed to strengthening the region's energy resilience and reducing dependency on conventional power sources.



Figure 4: Site inspection in Quetta by EcoSun Team

The scope of work covered a wide range of institutions including **schools, universities, hospitals, and research centers** located in **Quetta, Chaghi, Loralai, and Chaman**. Notable installations include:

- **Educational institutions** such as the *University of Balochistan, University of Loralai, Government Polytechnic Institute for Girls*, and several **government schools**
- **Healthcare facilities** like *Sandeman Provincial Hospital (240 kW)*, *Benazir Bhutto Hospital (160 kW)*, *DHQ Chaman (120 kW)*, and the region's largest cardiology center, *Sheikh Mohamed Bin Zayed Al-Nayan Institute of Cardiology* with a *468 kW* system
- **Specialized centers** such as the *Baluchistan Institute of Psychiatry and Behavioral Sciences (BIPBS)* and *Pakistan Industrial Technical Assistance Centre*

Across these projects, Eco Sun Global contributed to the **design, supervision, installation support, and quality assurance**, ensuring that each site received a reliable, efficient, and purpose-fit solar solution. These projects not only highlight the scalability of solar integration across public infrastructure but also reflect Eco Sun Global's dedication to sustainable development in Pakistan's underserved regions.



Figure 5: Inspecting Installation in Quetta

Projects Executed by Zonergy (Eco Sun Globals Regional & strategic Partner):

As a trusted regional partner of Zonergy, Eco Sun Global also plays a key facilitation and coordination role in various large-scale solar deployments conducted by Zonergy:

Attached below are relevant documents that highlight few of the many projects undertaken by Zonergy:

TO: WHOM IT MAY CONCERN

It is stated that "**Zonergy Corporation**" addressed at Floor 10, Saudi Pak Tower, Blue area Islamabad, Pakistan is functioning in Pakistan with the following bodies:

- 1) Zonergy (Tianjin) Company Limited.
- 2) Zonergy Solar Development Pakistan Limited.
- 3) Appolo Solar Development Pakistan Limited.
- 4) Best Green Energy Pakistan Limited.
- 5) Crest Energy Pakistan Limited.

In case of any queries please reach out Mr. Felix Fuguowu.

VP-Zonergy
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+923173176513



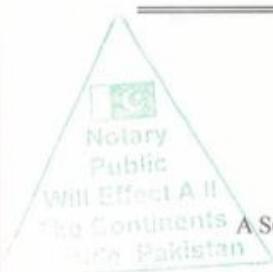
CENTRAL POWER PURCHASING AGENCY (GUARANTEE) LIMITED

ON BEHALF OF

EX-WAPDA DISTRIBUTION COMPANIES

— AND —

APPOLLO SOLAR DEVELOPMENT PAKISTAN LIMITED



ENERGY PURCHASE AGREEMENT

RELATING TO

A SOLAR POWERED 100MW_p (CONTRACT CAPACITY) POWER GENERATION COMPLEX

AT

QUAID-E-AZAM SOLAR PARK, LALSOHANRA, DISTRICT BAHWALPUR, PROVINCE OF
PUNJAB, PAKISTAN

MADE AT LAHORE

ISLAMIC REPUBLIC OF PAKISTAN

AS OF 26 June 2015

COUNSEL FOR PURCHASER:

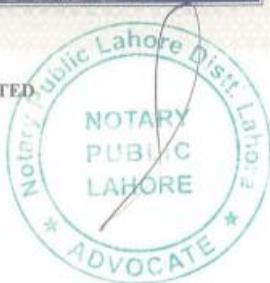
Abdul Majid Khan Chief Legal Officer
ATTESTED
Central Power Purchasing Agency
(Guarantee) Limited

M. S. CHAUDHRY

COUNSEL FOR SELLER:

HAIDER MOTABNR & CO.

ATTTESTED
M. S. CHAUDHRY
NOTARY PUBLIC
Distr Lahore



CENTRAL POWER PURCHASING AGENCY (GUARANTEE) LIMITED

ON BEHALF OF

EX-WAPDA DISTRIBUTION COMPANIES

- AND -

CREST ENERGY PAKISTAN LIMITED

ENERGY PURCHASE AGREEMENT

RELATING TO

A SOLAR POWERED 100MW_p (CONTRACT CAPACITY) POWER GENERATION COMPLEX

AT

QUAID-E-AZAM SOLAR PARK, LALSOHANRA, DISTRICT BAHWALPUR, PROVINCE OF
PUNJAB, PAKISTAN

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GP

W

COUNSEL FOR PURCHASER:

Abdul Majid Khan Chief Legal Officer
ATTESTED
Central Power Purchasing Agency
(Guarantee) Limited
M. S. CHOUDHRY

COUNSEL FOR SELLER:

HAIDER MOTABNR & CO.
ATTESTED
M. S. CHOUDHRY
NOTARY PUBLIC



CENTRAL POWER PURCHASING AGENCY (GUARANTEE) LIMITED

ON BEHALF OF

EX-WAPDA DISTRIBUTION COMPANIES

- AND -

BEST GREEN ENERGY PAKISTAN LIMITED

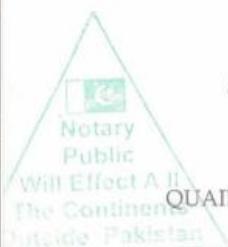
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MADE AT LAHORE

ISLAMIC REPUBLIC OF PAKISTAN

AS OF 26 June 2015

COUNSEL FOR PURCHASER:

ATTESTED
Abdul Majid Khan Chief Legal Officer
Central Power Purchasing Agency
(Guarantee) Limited
M. S. CHOUDHRY
Oath Commissioner
Lahore District Lahore

COUNSEL FOR SELLER:

HAIDER MOTABNR & CO.
ATTESTED
M. S. CHOUDHRY
NOTARY PUBLIC



Project Completion Certificate

Project Name: Supply & Installation of 505.5 KWp Grid Tie Solar System at Royal Flour and General Mills, Rahim Yar Khan, Punjab.

Project Number:

Name of Employer	Zonergy (Tianjin) Company limited		
Name of Customer	Royal Flour and General Mills		
Date of Commencement	15 September	Date of Completion	1 Jan, <u>2022</u> <u>2023</u>
Project Location	Rahim Yar Khan, Punjab		
Project Description	Supply & Installation of 505.5 KWp Grid Tie Solar System at Royal Flour and General Mills, Rahim Yar Khan		
Contract Value			
Percentage of Work Done with date:	System installation 100% complete (Net Metering in-process)		

For or On the Behalf of Customer
Representative Name:
Royal Flour and General Mills

Customer Name:
Royal Flour and General Mills

Sign:


ROYAL FLOUR & GENERAL MILLS
Mao Mubarak Road Rahim Yar Khan
Mob: 0321-9999017

For or On the Behalf of Employer
Representative Name:
Mughees Saeed Ullah Khan

Contractor Name:
Zonergy (Tianjin) Company Limited.

Seal:



Project Manager
1 Jan 2023
A.P.



Project Completion Certificate

Project Name: Design, Supply, Installation, Testing and Commissioning Including 1 Year O&M
For "SOLARIZATION OF TUBE WELLS IN PUNJAB"
ADP SCHEME NO. 5580 / 01372101158

Project Number: QAS-21/10/18-10 (Date: 18 Oct, 2021)

Name of Employer	Zonergy (Tianjin) Company Limited		
Name of Customer	Quaid-e-Azam Solar Power (Pvt.) Ltd.		
Date of Commencement		Date of Completion	
Project Location	Mouza Chak Mat No.2 Tehsil Rajanpur, District Rajanpur (1 Site)		
Project Description	12.363 kWp Total Number of Sites: 27 Total Project Capacity: 333.801 kWp		
Total Contract Value	PKR 40,987,971/- for 27 Sites		

For or On the Behalf of Customer Name: <i>Hassaan Baig</i> Customer Name: Quaid-e-Azam Solar Power (Pvt.) Ltd. Sign & Seal: <i>[Signature]</i>	For or On the Behalf of Employer Representative Name: Muhammad Moeez Ikram Contractor Name: Zonergy (Tianjin) Company Limited Sign & Seal: <i>[Signature]</i> 2-Nov-2021
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Project Completion Certificate

Project Name: Supply & Installation of 857KWP ON-Grid Solar System on Aluminium Based (P1) & Parking Shed Type Structure at RLK and AMH Building.

Project Number: ZTCL/AG/RLK/H/C/857KWP/LAHORE

Name of Employer	Zonergy Tianjin Company Limited		
Name of Customer	RLK Associates (Private Limited)		
Date of Commencement		Date of Completion	01 Feb 2022 08/02/2023
Project Location	Ferozpur Road, Kasur, Punjab		
Project Description	857 KWP (On-Grid with Net Metering Project)		
Contract Value	69,422,670 PKR		
Percentage of Work Done with date:	857KW System 100% Commissioned and Operational (Net-Metering also Complete)		
Remarks by Client	Under observation Net Metering not done by Zonergy due to delays in project.		

For or On the Behalf of Customer Representative Name: Mr. Mudassar	For or On the Behalf of Employer Representative Name: Qaisar uz Zaman
Customer Name: RLK Associates (Private Limited) Sign: 08/02/2023 RLK ASSOCIATES (PVT) LTD.	Contractor Name: Zonergy Tianjin Company Limited. Sign: 08/02/2023



Project Completion Certificate

Project Name: The Supply and Installation of 300KW Solar System at Mr. Nadeem Abbas Rahim Yar Khan

Project Number:

Name of Employer	Zonergy (Tianjin) Company limited		
Name of Customer	Walisons Flour Mill		
Date of Commencement	25-07-2022	Date of Completion	02-09-2022
Project Location	Rahim Yar Khan		
Project Description	(Walisons Flour Mill 300kWp Rooftop System)		
Contract Value			
Percentage of Work Done with date:	System installation 100% complete (Net-Metering process remaining)		
Remarks by Employer	Site is Complete (Net Metering is Pending)		

Nadeem Abbas
08/09/2022
WALI SONS FLOUR & GENERAL MILLS
Girmi Minner Road, By Pass Road, Rahim Yar Khan

Get In Touch With Us.

Have Questions? We're Just a Message Away!

Our Phone:

0318-9909919 

Our Email:

info.ecosunglobal@gmail.com 

Our Address:

Tasneem Plaza, Floor #7,
Office #3, Saddar, Peshawar 



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