



PAK GREEN
Solar Solutions

Q2 - 2026

**Renewable Energy
Industrial Engineering
Industrial Automation
Industrial OT Network-
Cybersecurity**

**COMPANY
PROFILE**

2026 Q2



WHAT WE DO

ABOUT US

Pak Green Solar & Industrial Solutions operates as an end to end industrial solutions provider in Pakistan, integrating renewable energy, automation, and operational cybersecurity.

Far beyond standard solar installation, the firm designs and delivers utility scale, off grid, and hybrid solar plants equipped with SCADA monitoring and net metering.

We optimize manufacturing facilities through custom electrical systems, panels, and industrial HVAC. Digitally, the company modernizes operations with custom ERP software, artificial intelligence, and automated workflows.

To secure critical infrastructure, we offer enterprise cybersecurity including threat monitoring, delivering a single responsibility model that drives efficiency, reduces costs, and secures long term industrial growth.

RENEWABLE ENERGY

- Solar on-grid system design and installation
- Solar panel mounting & electrical connections
- Grid-tie inverter installations
- Net metering setup and commissioning
- Hybrid solar-generator systems
- Energy storage integration
- Performance monitoring systems

POWER DISTRIBUTION

- High-voltage switchgear and panels
- Automatic Voltage Regulators (AVR) – 200KVA+
- Load balancing and distribution optimization
- Custom LT panel design and fabrication
- Main distribution boards (MDB)
- Sub-distribution boards (SDB)
- Power distribution units

WHAT WE DO

SERVICES FOR MANUFACTURING

- MCCs & VFD Solutions
- Industrial automation & process equipment power

FMCG INDUSTRIAL AUTOMATION SOLUTIONS

- Chemical Mixing Errors Solutions
- Process Visibility Solutions

I&C S.C.A.D.A. PRODUCTS

- Energy Monitoring & Management Systems
- Energy Control & Integration Controllers
- Hybrid & Microgrid Solutions

MOTORCYCLE INDUSTRY AUTOMATION SOLUTIONS

- Automated Assembly Line Optimization
- IoT-Enabled Inventory & Spare Parts Management
- Smart Energy Infrastructure for Foundry & Casting



WHAT WE DO

I&C HVAC SOLUTIONS

- Design & Engineering: System sizing, layouts, compliance, and simulations.
- Procurement: Supply of HVAC equipment and materials.
- Execution: Installation, commissioning, preventive maintenance, and support

I&C SAFETY & SECURITY SYSTEMS

- Fire Safety Systems
- CCTV Security Systems
- Access Control gates & Attendance Management
- License Plate Recognition System
- Parking Barriers
- Under vehicle Inspection System
- Luggage Scanner

I&C BACKUP POWER SERVICES

- Diesel generator installations (50 KVA to 2000 KVA+)
- Automatic Transfer Switch (ATS) systems
- Uninterruptible Power Supply (UPS) solutions
- Generator synchronization and load sharing
- Fuel storage and distribution systems
- Battery backup solutions
- Generator maintenance and service contracts
- Load-shedding management system

WHAT WE DO



INDUSTRIAL OT NETWORK CYBERSECURITY

- OT Network Security
- Industrial Ransomware Protection
- Vulnerability Assessments

ENTERPRISE AI SOLUTIONS

- AI-Powered Predictive Maintenance
- Machine Vision Quality Control
- Smart Energy & Load Optimization
- Conversational AI for Operations
- Robotic Process Automation (RPA)

MAJOR CLIENTS

- Spin Karez Coal Mine Quetta
- Igloo Pakistan
- FAV Co. SITE Area Karachi
- Shanghai Industries Karachi
- KDA Officers Housing Society
- Tando Adam Civil Hospital
- NED University, Karachi
- CSD Sibi
- AL Hajjaj Bangle factory SITE Area Hyderabad
- Husaini Blood bank Head Office Karachi.
- Student Biryani Saddar Karachi
- Toyota Motors Hyderabad
- Agriculture University Tando Jam Campus at Umerkot
- Japan international corporation Agency
- Choice Industries
- Razi Motors (Hi Speed)

MAJOR PROJECTS

- 1.3 MW Solar Power Plant at Spin Karez Coal Mine Quetta
- 350kW Igloo Pakistan
- 350KW Solar Power Plant FAV Co. SITE Area Karachi
- 300KW Solar Power Plant at Shanghai Industries Karachi
- 150KW KDA Officers Housing Society
- 100kW at Tando Adam Civil Hospital
- 100 kW On-Grid Solar Power Plant at NED University, Karachi
- 50kW Solar Power Plant at CSD Sibi
- 150 KW Ongrid Solar System at AL Hajjaj Bangle factory SITE Area Hyderabad
- 100 KW Ongrid Solar Installation at Husaini Blood bank Head Office Karachi.
- 50 KW Ongrid Solar Installation at Husaini Blood bank Numaish Branch Karachi.
- Student Biryani Saddar Karachi 100kW On-Grid system, integration of PV-GENSET Controller system and SCADA monitoring
- Toyota Motors Hyderabad 100kW On-Grid system, integration of PV-GENSET Controller system and SCADA monitoring
- 40KW Solar Power System for Agriculture University Tando Jam Campus at Umerkot
- Defense phase II 48 KW HYBRID Solar project commission
- Inspection of solar system at 25 Schools in northern Sindh build by Japan international corporation Agency

ABOUT OUR FOUNDER

Saad Ullah Soomrani, the Founder of Pak Green Solar Solutions, established the company in 2021 as an engineer-led, family-owned enterprise. His professional expertise spans naval engineering, global telecommunications, internet service architecture, and sustainable technology. Soomrani graduated as an electrical engineer from Mehran University of Engineering and Technology (MUET, 83-Batch). His pioneering 1988 photovoltaic systems research laid the strategic foundation for his corporate philosophy: prioritizing precise, custom engineering design over short-term cost-cutting to maximize long-term returns.

Between 1989 and 1991, Soomrani underwent rigorous leadership and technical development as a commissioned officer at PNS Jauhar (PNEC), where he specialized in Marine and Weapon Engineering. This military background in naval architecture and strategic management preceded his entry into the telecommunications sector, where he spent over twelve years managing critical infrastructure for global leaders like Ericsson, Huawei, and Augere. As IT Manager at Ericsson Communications Pakistan (1997–2000), he linked regional infrastructure across Islamabad, Stockholm, and Oslo, while implementing advanced digital security architectures such as SIGNUM and Check Point FireWall-1. He later founded Indus Dolphin ISP to deliver early internet access in Hyderabad and managed Huawei's regional deployment of 12,000 fiber optic lines.

Furthermore, he bridged renewable energy and agriculture by developing "Soil Sense Pro," an innovative agri-tech device for soil data collection that won top honors at the Food AG Expo 2023.

<https://pакgreensolarsolutions.com/>



OUR TEAM



SAAD ULLAH SOOMRANI

FOUNDER

Having developed an EPC that has grown into a leading megawatt-capable entity in the renewable energy sector, he brings over 12 years of experience in the Telecom and ISP industries with contributions to global leaders like Ericsson, Huawei, and Augere.



ABID GHAURI

DIRECTOR BUSINESS DEVELOPMENT

With 15 years of expertise in telecom networking, including experience with industry leaders like Huawei, he brings unmatched creativity and passion to entrepreneurship. Skilled in project management, software development, and troubleshooting.



IMAAD ABDULLAH

CO-FOUNDER

He is a researcher with expertise in renewable energy, software and web development. He pioneered the creation of Soil Sense Pro, a cutting-edge device for soil data collection in agricultural fields, driving innovation in Agri-tech.

OUR TEAM



ZOHAIB HASHMI

DIRECTOR OPERATION KARACHI & BALOUCHISTAN

Zohaib Hashmi brings over 15 years of experience in Electronics and Solar Energy to his role as Director of Operations for Karachi and Balochistan. A seasoned expert, he has successfully executed more than 50 industrial and commercial solar projects, including several in the megawatt range.



MUHAMMAD MAAZ SALEEM

CONSULTANT - FINANCE, SUPPLY CHAIN & INDUSTRIAL OPERATIONS

Muhammad Maaz Saleem brings over 17 years of expertise in Accounts, Finance, and Supply Chain Management to his role as General Manager at Choice Asia Industry (Pakistan). A versatile leader, he has successfully driven operational excellence across diverse sectors, from finance and auditing to large-scale procurement, warehousing, and production management.



FAHIM IQBAL

MANAGER TECHNICAL SINDH & BALOUCHISTAN

A seasoned Solar Engineer with over 6 years of experience, Fahim Iqbal specializes in delivering high-impact solar projects ranging from kW to MW scales. His portfolio includes the successful execution of a 3 MW system at Rasheed Steel, showcasing his mastery of technical project management and system optimization.

CORE VALUES

Integrity and Honesty

Driven by Integrity, Committed to Honesty – Pak-Green Solar Solutions Delivers Trustworthy Excellence.

Flexibility and Customisation

Adaptable Solutions, Tailored to You – We Meet Every Customer's Unique Needs.

Premium Quality and Excellence

Excellence in Every Product – We Deliver Only the Highest Quality, Every Time.

Responsibility and Ownership

We Own Our Actions – Pak-Green Holds Itself Accountable to Delivering Results You Can Trust.



EXPERTISE WITH A PROVEN TRACK RECORD

With years of industry experience, we specialize in solar energy systems and DG-PV synchronization controllers. Our track record includes multiple megawatt-scale installations, all delivered on time, within budget, and to the highest engineering and safety standards.

END-TO-END PROJECT MANAGEMENT

From procurement and system design to installation, commissioning, and after-sales support, we handle every stage of your project. Our integrated project delivery model ensures streamlined communication through a single point of contact, enhancing efficiency and accountability.

AWARD-WINNING

With extensive expertise in operations, supervision, and management, our technical excellence and innovative thinking were further recognized at the Food AG Expo 2023, where his company earned top honors for its groundbreaking Agri-tech proposal.

CUTTING-EDGE TECHNOLOGY INTEGRATION

We deploy advanced technologies such as SCADA-based monitoring systems, smart DG-PV controllers, and IoT-enabled energy analytics, equipping your project with future-ready, intelligent solutions that optimize performance and ROI.



WHY CHOOSE US

CONTACT US

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