PSA
PAKISTAN SOLAR ASSOCIATION

Newsletter Summer 2026

THE FUTURE OF SOLAR ENERGY IS HERE

Powering a brighter, sustainable tomorrow.

CLEAN ENERGY. SMARTER LIVING.

Empowering communities through renewable solutions.

EXPERT INSIGHTS & INDUSTRY TRENDS

Stay informed. Stay ahead.

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Chairman's Message

It is with great pride that I present this message as Chairman of the Pakistan Solar Association (PSA). As Pakistan faces a growing energy crisis, our transition to sustainable energy has never been more urgent, and our industry's collective effort in driving that change continues to grow stronger.

Since PSA's founding, our membership has grown steadily, now standing at over 700 members across the country. This growth mirrors what I see across our industry: a sector maturing rapidly and becoming a cornerstone of Pakistan's energy future.

Working closely with our Executive Committee and members, PSA has advocated for stronger policies, higher standards, and greater collaboration between business, government, and academia. None of this would be possible without our team's dedication and our members' trust thank you to everyone who has been part of this journey.

Introduction

The Pakistan Solar Association (PSA) is the premier industry organization dedicated to advancing solar energy solutions in Pakistan. Established with the vision of creating a sustainable and energy-secure future, PSA unites manufacturers, distributors, policymakers, and industry professionals under one platform to accelerate the adoption of solar technology across the country.

Our Mission

Our mission is to foster the growth of the solar energy sector in Pakistan by promoting innovation, advocating for supportive policies, and bridging the gap between industry and academia. Through collaboration, we aim to make solar energy accessible, affordable, and efficient for all

Goals

The Pakistan Solar Association (PSA) drives the nation's renewable energy transition through four key pillars: advocacy, capacity bullding, industry collaboration, and standardization. By influencing supportive policies and organizing specialized training programs to upskill local talent, PSA strengthens the sector from the ground up. We foster active partnerships across business, government, and academia to accelerate innovation, while enforcing strict quality standards for solar products and services to ensure long-term system reliability and consumer trust

PSA Secretariat & Team

PSA is pleased to introduce the dedicated professionals who have joined the secretariat to support day-to-day operations, member services, research, and advocacy. Together, they strengthen PSA's institutional capacity.

Agha Mehdi Haider

General Secretary | PSA Secretariat

As the General Secretary of PSA, Agha Mehdi Haider leads the association's administrative functions and serves as the primary liaison between the Executive Committee and PSA's various departments. He coordinates PSA's strategic initiatives, stakeholder engagements, and day-to-day operations.

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✉️ sg@pakistansolarassociation.org

Ali Ahsan

Manager| Research & Publication

Ali Ahsan heads PSA's research function, producing market intelligence, policy briefs, and technical analyses that inform the industry and support evidence-based advocacy. His work underpins PSA's thought leadership in the renewable energy space.

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Izzah Khan

Asst. Manager – Advocacy, Policy & Govt. Relations |Advocacy, Policy & Government Relations

Izzah Khan supports PSA's engagement with government bodies and regulatory authorities. She assists in preparing policy submissions, managing stakeholder relationships, and representing PSA's position on key regulatory developments affecting the solar and storage sector.

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Muhammad Hammad Shami

Assistant Manager | Research & Publications

Muhammad Hammad Shami contributes to Solar, Battery, Inverter & energy market analysis, policy evaluation, and industry forecasting. He supports the development of research frameworks and analytical models that inform PSA's publications and strategic advocacy.

Peer Muhammad

Accountant

Peer Muhammad serves as Accountant at the Pakistan Solar Association, managing overall financial operations, budgeting, and fiscal compliance. His continuous financial oversight ensures smooth organizational management and supports PSA's broader initiatives and projects

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Muhammad Faisal

Relationship Manager| Membership Services

Muhammad Faisal leads member engagement and relationship management for PSA. He is responsible for growing PSA's membership base, ensuring retention, and fostering stronger connections between the association and its industry partners.

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PSA Members National Distribution

Additional Cities

City / Region	Members	City / Region	Members
Bahawalpur	3	Buner	1
Layyah	3	Dera Ghazi Khan	1
Sukkur	3	Ghotki	1
Sahiwal	2	Malakand	1
Torkham	2	Okara	1
Larkana	2	Nankana Sahib	1
Swabi	2	Charsadda	1
Gujrat	2	Hafizabad	1
Kasur	2	Muzaffargarh	1
Sheikhupura	1	Chaman	1
Khairpur	1	Kotri	1
Sargodha	1	Chiniot	1

Membership Categories

Associate
106

Corporate
126

Overseas Members

Affiliate
3

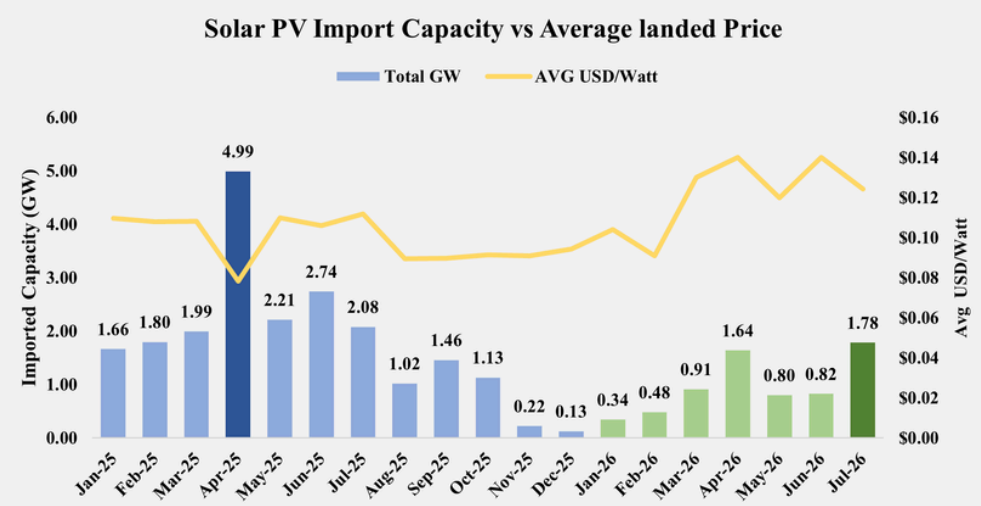
Solar & Storage Market Updates

Pakistan's solar sector has achieved one of the fastest energy transitions in the developing world. Here is a snapshot of the market as it stands heading into 2026. Solar Market Overview.

Pakistan Solar Import Insights

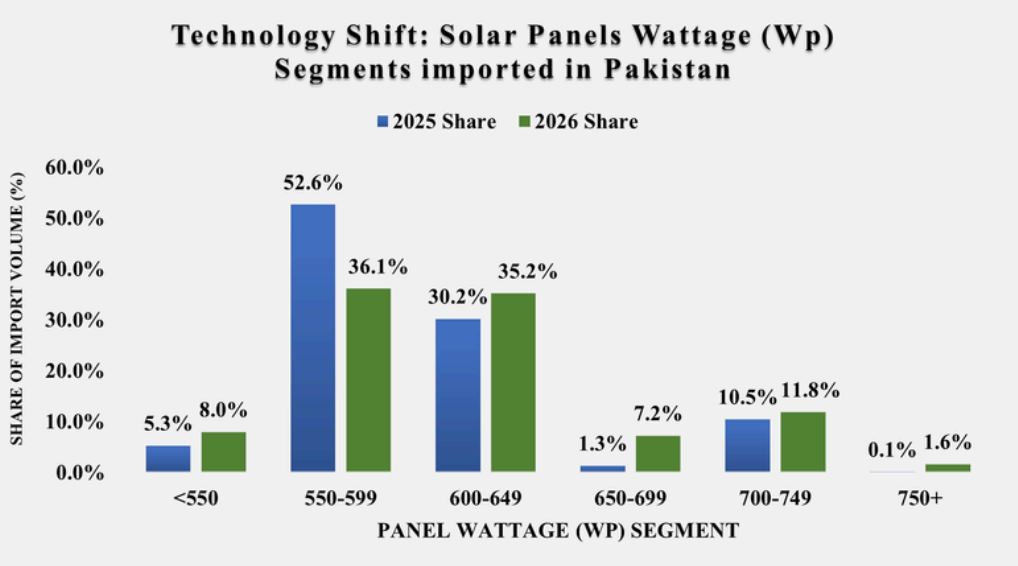
Module Wattage Shift, Import Volumes & Pricing | Jan 2025-Jul 2026

2025	JAN–JUL 2026
21.44 GW	6.8 GW
USD 1.94B	USD 425.33M



Solar PV imports peaked at 4.99 GW in April 2025, plunged to 0.13 GW by December, and recovered to 1.78 GW by July 2026, while average landed prices generally increased.

Pakistan's solar market is rapidly shifting toward higher-wattage modules, with 600W+ panels rising from 46.8% of imports in 2025 to 56.6% in 2026.



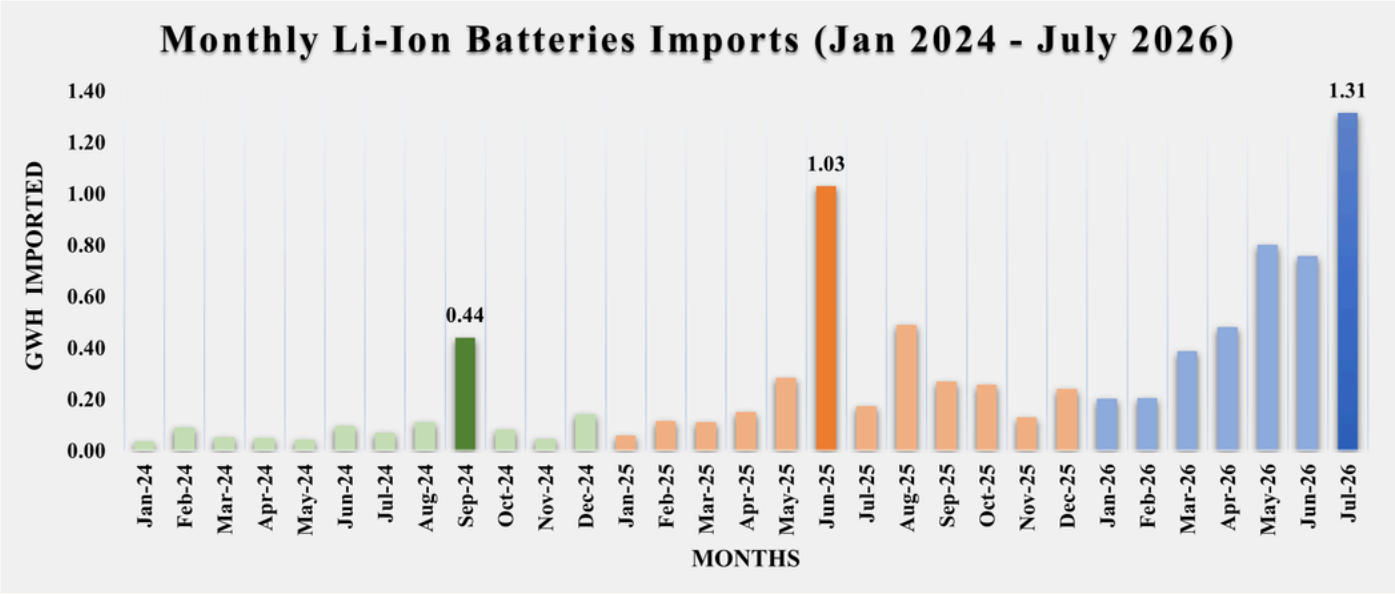
Key Takeaways

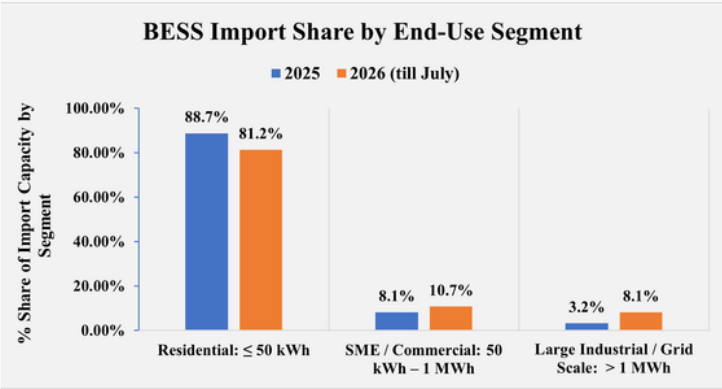
- Imports are rebuilding: after cooling from the April-2025 net-metering rush, monthly volume bottomed at 0.125 GW in Dec-2025 and has climbed 14x since reaching 1.78 GW in July 2026, the strongest month in a full year.
- Panels are getting bigger: the 600-649W class nearly overtook 550-599W as the dominant format, growing from 30% to 35% of imports, as sub-550W and 550-599W panels give way to higher-wattage classes.
- 2026 momentum is broad-based: four of the last five months posted month-over-month gains, and April and July 2026 each individually outpaced the entire three-month Q4-2025 total (1.48 GW) on their own.
- The bigger picture is still remarkable: Pakistan has imported over 28 GW of solar capacity across Jan-2025-Jul-2026 combined a scale of deployment that places it among the fastest-growing solar markets in the world.

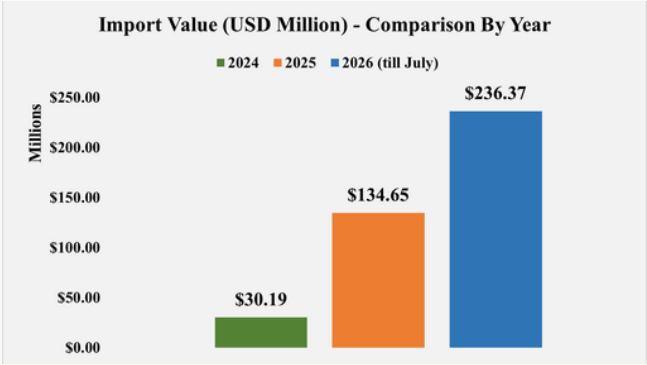
Pakistan Li-Ion Battery (BESS) Import Insights

Import Volumes, Market Segments & Pricing | Jan 2024–Jul 2026

8.7 GWh Cumulative imports Jan 2024 to Jul 2026	1.26 GWh 2024	3.31 GWh 2025	4.15 GWh 2026 (till July)







Key Takeaways

- Explosive growth: cumulative BESS imports since Jan-2024 have reached 8.7 GWh, with monthly volume climbing 36x from 36 MWh in Jan-2024 to a record 1.31 GWh in July 2026.
- 2026 already ahead of 2025: in just seven months, 2026 imports (4.15 GWh) have surpassed the entire 2025 total (3.31 GWh) up 116% on the same Jan-Jul period last year.
- Diversifying beyond rooftop: Large Industrial/Utility-scale share of imports grew from 3.2% (2025) to 8.1% (2026 YTD), and SME/Commercial from 8.1% to 10.7%, as storage moves past pure residential backup.
- Capital is scaling with volume: import value has grown from $30M (2024) to $135M (2025) to $236M in just Jan-Jul 2026 already more than 2024 and 2025 combined.

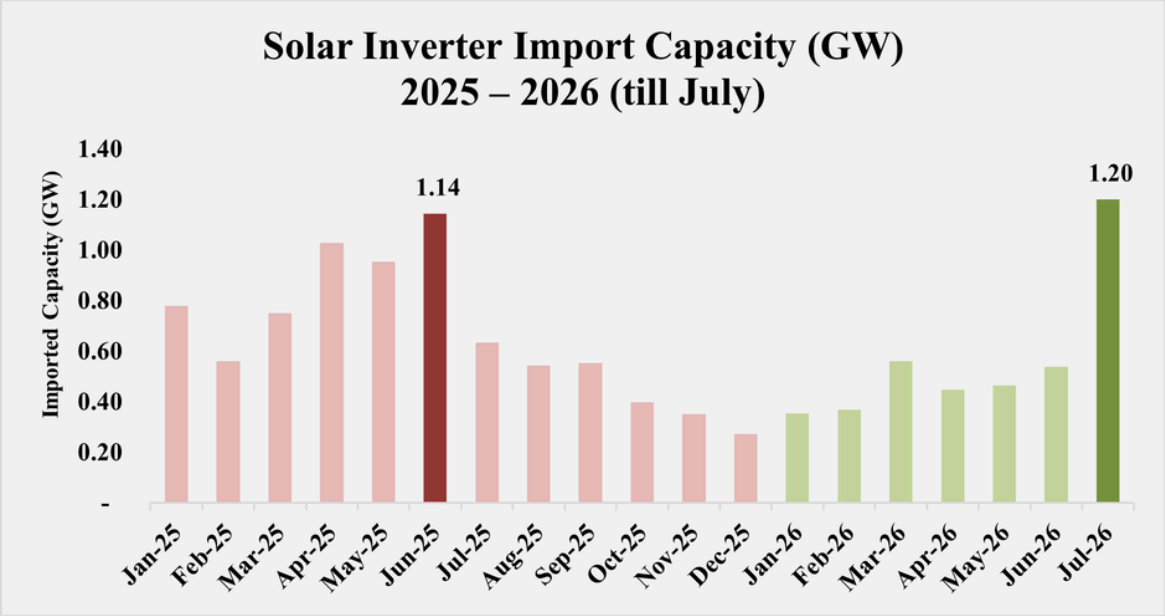
Pakistan Solar Inverter Import Insights

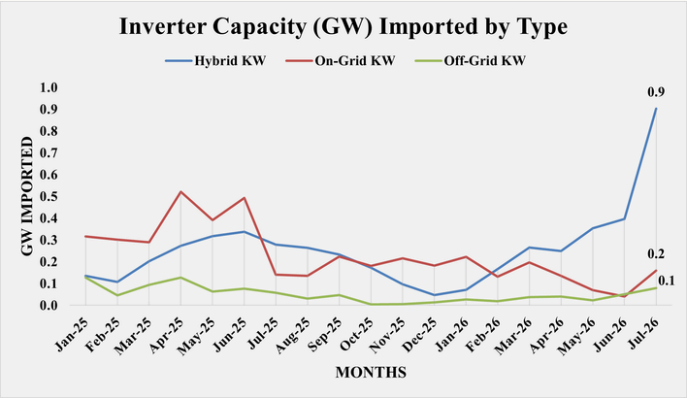
Import Volumes, Inverter Type Mix & Sector Demand (Jan 2025 - Jul 2026)

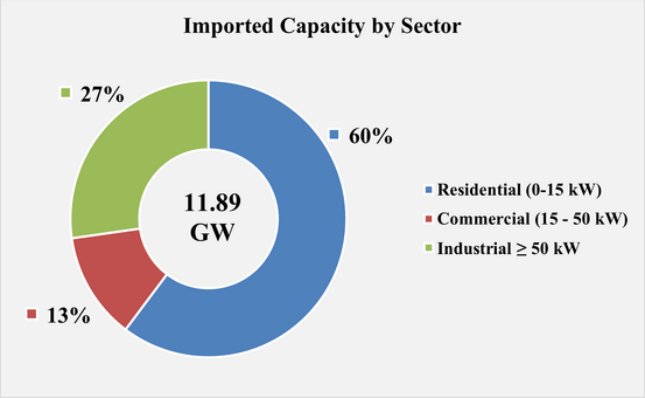
11.9 GW
Cumulative imports Jan 2025 to Jul 2026

1.20 GW
July 2026 highest month on record

4.4x
Rebound in volume, Dec 25 low + Jul-26







Key Takeaways

- July 2026 sets a new high: 1.20 GW of inverters imported the strongest month across the whole dataset, and a 4.4x rebound from December 2025's low.
- Hybrid inverters are taking over: hybrid share of imports jumped from 30% in 2025 to 61% in 2026 YTD, while pure on-grid share fell from 43% to 24% a clear pivot toward backup-capable systems.
- Residential demand holds steady: the residential segment (0-15 kW) held roughly 55% of import volume in 2025 and rose to about 62% in 2026 YTD, even as overall volumes fluctuated month to month.
- Cumulative deployment: Pakistan has imported 11.9 GW of solar inverter capacity since Jan-2025, worth over $667 million in landed import value.

Advocacy Spotlight

#StopSunTax Campaign

20 April – 30 June 2026

PSA led a targeted pre-budget advocacy campaign to push for a reduction in solar import tariffs ahead of Pakistan's federal budget. Engaging government ministries, parliamentarians, think tanks, and industry chambers, the campaign reframed solar taxation as a macroeconomic issue rather than a niche energy concern.

- Policy brief submitted to Finance & Revenue Divisions
- Joint press conference with the Lahore Tax Bar Association
- Partnerships formed with 2+ think tanks and NGOs
- Campaign microsite launched, centralizing all materials
- Strong media presence via op-eds, podcasts & social campaigns

"A meaningful step in positioning PSA as a credible policy voice for Pakistan's solar sector."

KEY RESULT
10%

final tax rate — higher hikes blocked

#StopSunTax

Campaign Process Timeline

1 Define Policy Ask
Remove GST on panels
Remove import duties
Ensure tax stability

2 Build Evidence Base
Policy brief & outline
Stakeholder mapping
Data-led arguments

3 Engage Decision-Makers
MNA briefings
Formal meeting requests
Solar as macro asset

4 Mobilize Partners
Align trade bodies & NGOs
Joint industry statements
Unified messaging

5 Amplify via Media
Op-eds & podcasts
#StopSunTax on social
Video testimonials

6 Activate the Public
Sign the petition
Share & use #StopSunTax
LinkedIn campaign frame

7 Drive Policy Pressure
Seminars & dialogues
Press conferences
Budget cycle engagement

Remove solar taxes. Protect clean energy. #StopSunTax

Campaign Partners & Press

Participating Organisations

Pakistan Solar Association (PSA)

Lead campaign organiser & policy voice for Pakistan's solar sector

Alternate Development Services (ADS)

Research & development partner supporting evidence-based advocacy

Pakistan Research Institute for Development Economics (PRIED)

Think tank providing economic analysis on solar taxation impact

Lahore Tax Bar Association

Legal & tax policy partner for joint press engagement

Press Release

PSA × Lahore Tax Bar Association Joint Press Conference

6 June 2026 | Lahore Press Club

Topic: Solar Taxation in Pakistan's Federal Budget 2026-27

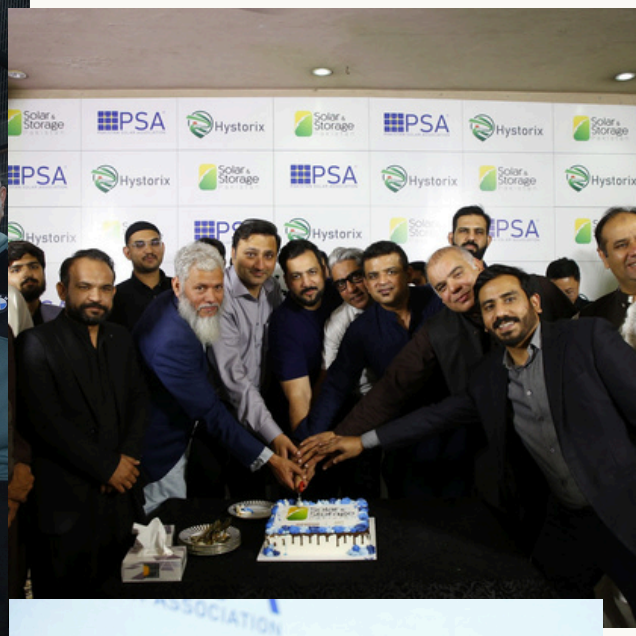
Pakistan Solar Association called for the withdrawal of proposed solar taxes and urged incentive- and subsidy-based support for clean energy. The press engagement framed solar taxation as a legal, economic and public-interest issue.

"Solar tax increase may cost Pakistan more than it earns" — PSA Chairman Waqas H. Moosa

Also Supported By

- Think Tanks & Academia
- Industry Chambers
- Civil Society & NGOs
- Media Partners

United for Affordable Solar — #StopSunTax



PSA Key Events Timeline

PSA has been actively organizing and participating in events that bring the solar industry together, foster collaboration, and celebrate milestones. Below is a summary of key events from the recent period.

PSA Key Events Timeline

2024

2024

Annual General Meeting

New Executive Committee elected, 2024–2026

DEC 2025

Visit to Indus Hospital

Fund Raising for indus hospital

DEC 2025

PSA's voice in national policy dialogue

Energy Transition Roundtable

29 JAN 2026

Annual Dinner, Karachi

Celebrating growth across southern Pakistan

30 JAN 2026

HEL Padel Tournament, Lahore

Building community beyond the boardroom

14 FEB 2026

PSA Peshawar Annual Dinner

Member get-together held at Shiraz Gathering, Peshawar.

PSA Key Events Timeline

MAR 2026

Consultation with UK FCDO Delegation

Discussed solar workforce needs and TEVTA vocational training with UK FCDO at FPCCI Lahore.

MAR 2026

Ramadan Iftar Meet & Launch of Solar & Storage Expo 2026

2026

PSA & RF MoU Signing

2026

Energy Eminence Gala Multan Chapter

Key regional gathering celebrating excellence and leadership in the energy sector.

APR 2026

PSA & AESI MoU Signing

MoU signed with Indonesian Solar Association to boost clean energy adoption and cross-border investment.

APR 2026

Clean Water Initiative in Chiniot

MAY 2026

PSA & FPCCI MoU Signing

Signed MoU with LCCI to promote sustainable industrial energy practices.

PSA Key Events Timeline

JUN 2026
New Energy Skills (NES) Program
Launched workforce development program with Renewables First & Climate Innovation Pakistan for hands-on solar/storage training.

JUN 2026
PSA & LCCI MoU Signing
Signed MoU with LCCI to drive renewable energy and sustainable industrial practices

JUN 2026
PSA & Sultana Foundation MoU Signing
Signed MoU to jointly implement certification and technical training programs for workforce development in renewable energy.

10–12 JUL 2026
Solar & Storage Expo 2026
Showcasing clean energy solutions and industry innovations

11 JUL 2026
BESS Conference
Addressing the future of Battery Energy Storage Systems

Strategic Partner

RENEWABLES FIRST

NAVTTC

REAP
RENEWABLE ENERGY ASSOCIATION PAKISTAN

ASESI
ASOSIASI ENERGI SURYA INDONESIA

GLOBAL SOLAR COUNCIL

NEW ENERGY NEXUS

ENERGY UPDATE MAGAZINE

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