

*18th International Exhibition  
for the Energy Industry*

**POGEE**



**POWER TECHNOLOGY  
PAKISTAN**

*08 - 10 May 2024*

*Expo Centre Lahore*



[www.pogee.com.pk](http://www.pogee.com.pk)

ORGANIZED BY



Pegasus

# INDUSTRY OVERVIEW

Pakistan electricity sector is a developing market. For years, the matter of balancing the country's supply against the demand for electricity had remained a largely unresolved matter. The country faced significant challenges in revamping its network responsible for the supply of electricity.

Pakistan is blessed with enormous hydro and coal potential, which, if carefully exploited, can ensure our future energy security on long-term basis. Utilizing distributed resources in indigenous capacity while meeting the demands of volatile economic sine curves of growth and development, require a perspective of sustainable energy utility with resilience and adaptive capacity at core and at large.

Pakistan energy requirements are increasing rapidly. The government is focused to ensure availability and security of sustainable supply and delivery of energy service along with the development of natural resources and minerals. Ensuring energy security with affordability and universal access based on indigenous resources is the goal of the current government.

Import of Power Gen Machinery

**US\$ 1,473.1**

Millions



Budgets for Water Projects

**US\$ 285.7**

Millions



Budget for 14 Hydel Projects

**US\$ 274.2**

Millions



Budget for Power Sector

**US\$ 367.7**

Millions



Import of Electric Machinery & Apparatus

**US\$ 1,929.14**

Millions



## COAL

Total Proven Reserves

# 186

Billion Tonnes

PRODUCTION	: 9,402.6 Thousand Tonnes
IMPORTS	: 6,576.6 Thousand Tonnes
CONSUMPTION	: 7,295.3 thousand tonnes

- Cement : 31.1%
- Brick Kilns : 21.5%
- Power : 47.3%

Currently 7 coal fired power projects are producing 6,600 MW of electricity under CPEC Energy Projects. Huge investment potential is available for development of new mines of up to 100 MTPA along with allied infrastructure as more than 8000 Sq. km is available for foreign and local investment.

## COMPOSITION OF INSTALLED CAPACITY (MW)

Source	Installed Capacity
Hydro Electric	10,635 MW
Thermal	26,683 MW
Renewable	2,837 MW
Nuclear	3,620 MW
<b>Total</b>	<b>43,775 MW</b>

<b>Electricity Shortfall</b> 7,000 - 8,000 MW	<b>Transmission &amp; Distribution Network</b> 17,292 KMS
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<b>Electricity Consumers</b> 36.61 Million	<b>Villages Electrified</b> Till (2022 - 23) 170,214
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# POTENTIAL MARKET (CURRENT RENEWABLE PROJECT)

## SOLAR



POTENTIAL:  
**40,000** MW Approx.

### CURRENT PROJECTS:

07 solar power projects of 530 MW capacity are operational. The government of Pakistan has approved the Framework Guidelines for Fast Track Solar Initiatives 2022 to promote and develop cost-effective renewable energy sources.

### INVESTMENT OPPORTUNITIES:

- 10 Solar Power Projects cumulative capacity of 1000 MW under China Pakistan Economic Corridor (CPEC) regime
- 600 MWp Solar PV project at Kot Addu / Muzaffargarh through competitive bidding
- 1800 MWp solar PV projects in Punjab are also planned to be developed under G2G mode
- RFP for 50 MW Solar PV Project in Sindh is being prepared and is expected to be floated by September 2023
- 2500 MW solar PV capacity to be procured from Category-III projects (The projects holding LOI only)

## WIND



POTENTIAL:  
**50,000** MW Approx

### CURRENT PROJECTS:

Thirty-six (36) wind power projects of 1845.475 MW cumulative capacity have achieved Commercial Operation and are supplying electricity to National Grid

### INVESTMENT OPPORTUNITIES:

- 7 wind Power Projects with cumulative capacity of 400 MW under China Pakistan Economic Corridor (CPEC) regime
- 500 MW wind capacity to be procured from Category-III projects (The projects holding LOI only)
- Private Power and Infrastructure Board (PPIB) is developing investment friendly opportunities and several fast track regimes for wind power project to meet the targets

## BIO-MASS



POTENTIAL:  
**20,709** MW Approx

### CURRENT PROJECTS:

08 companies / sugar mills having a cumulative capacity of 259.1 MW have achieved Commercial Operations Date (COD) and are operational

### INVESTMENT OPPORTUNITIES:

Biomass is considered to be one of the key renewable resources of the future at both small and large scale levels. It already supplies 14% of the world's primary energy consumption.

16 projects of 563.9 MW have achieved Letter of Support stage and 9 projects of 314.5 MW have achieved Letter of Intent under the ECC approved Policy Framework for Power Cogeneration 2013 (Bagasse/Biomass).

(Source: CPEC, PPIB, PC, PBS, PES, ITA, The News, State of Industry Report, Pakistan Economic Survey)

## SHOW HIGHLIGHTS 2019



**217**  
Exhibitors



**27**  
Countries  
Representation



**8,000+**  
Visitors

## POGEE Conference:

15th International Conference for Oil, Gas & Energy Industry was held on 22nd June 2019 at the Karachi Expo Centre.

It based on the theme **“Energy Transformation: Past, Present & Future”**. Conference featured two exclusive sessions on the themes **Transforming Indigenous Resources into Energy Sources** and **Optimizing Past Practices to Save Future** attended by 150 key position holders from government and private sector.

## CONCURRENT EVENT



**Oil & Gas  
Pakistan  
2024**



## INTERNATIONAL CONFERENCE

It will provide the Oil, Gas & Energy Industry participants with a more comprehensive look at the current state of energy business. The forum will bring key industry experts from around the globe and will offer networking opportunities to exhibitors, delegates & visitors for exchange of global experiences.

## EXHIBITOR PROFILE

- Air Conditioning
- Automation & Control Systems
- Batteries & UPS
- Biodiesel Generation
- Biogas Systems
- Boilers
- Cable & Cable Accessories
- Communication Equipment
- Compressors
- Emergency Equipment
- Energy Management System
- Energy Saving & Energy Efficiency Systems
- Energy Storage Devices & Connectivity Products
- Engineering Procurement & Construction (EPC)
- Engines & Motors
- Hydro Power Equipment
- Instrumentation & Controls
- Lighting Technology
- Meters
- Monitoring Equipment
- Power Generation
- Renewable Energy Systems
- Security System & Equipment
- Solar Power Systems
- Testing & Measurement Equipment
- Transformation and Storage
- Transmission & Distribution Equipment
- Turbines
- Waste to Energy Systems
- Wind Energy Equipment

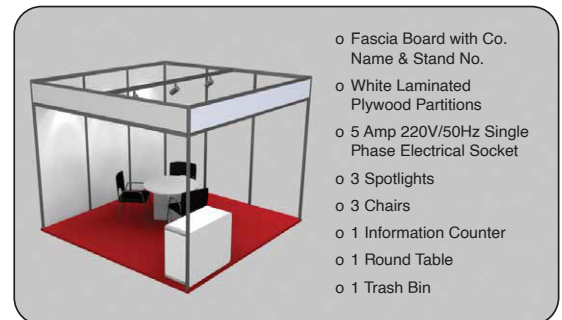
## VISITOR PROFILE

- Captive Power Producers
- Construction Companies
- Energy Service Providers
- Engineering & Procurement Companies
- Fuel Suppliers
- General Contractors
- Government Energy and Regulatory Departments
- Government & Business Delegations from the region
- Independent Power Producers
- Local & Foreign Ministries
- Manufacturers & Suppliers of the Industrial Hardware & Allied Equipment
- Non-regulated Power Generators
- Oil & Gas Producers and Refineries
- Power & Energy Marketers
- Power Generating Electric Utilities
- Power Industry OEMs
- Power Industry Project Developers
- Power Supply & Distribution Companies
- Research & Development Organizations
- Self-Generating Industrial Manufacturing / Process Plants & Large Institutions
- Support Equipment & Service Provider

## ABOUT THE SHOW

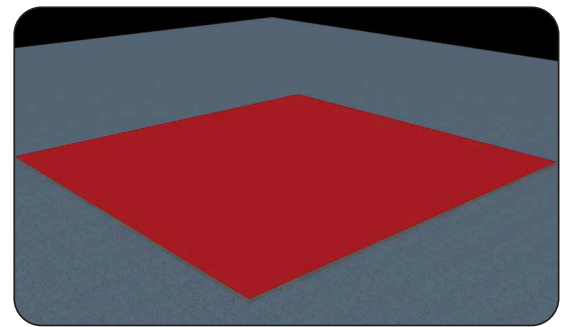
Power Technology Pakistan has become a significant industry event, over the 17 years. The success of the show and the investment potential in Pakistan's energy sector can be ascertained by the growth in the number of exhibiting companies from around the world. Continuing its legacy, POGEE 2024 will once again bring together industry professionals from across the globe to an exclusive platform with top level networking opportunities.

## EXHIBITION RATES



### SHELL SCHEME

Rate - US\$ 340/sqm +16% Tax  
(min 9 sqm)



### BARE SPACE

Rate - US\$ 295/sqm +16% Tax  
(min 18 sqm)

\* Additional US\$ 50 will be charged upon the request of Island Booth, US\$ 45 for Three Sides Open Booth & US\$ 40 for Two-Sides Open Booth.

ORGANIZED BY



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SCAN FOR DETAILS



For More Details:

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