



## EVENT IDENTITY & BRANDING

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**Brand Name** : 28<sup>th</sup> Power Series of Exhibitions

**Concurrent Exhibitions** : 28<sup>th</sup> Power Bangladesh International Expo 2026

23<sup>rd</sup> Solar Bangladesh International Expo 2026

8<sup>th</sup> Lighting Bangladesh International Expo 2026

**Date of Event** : 12 – 14 November 2026

**Organized By** : CEMS-Global USA and CEMS Bangladesh

**Frequency** : Annual

**Website** : [www.cems-powerseries.com](http://www.cems-powerseries.com)

**Sectors Focus** : Power Generation & Transmission, Energy & Renewable Energy, Solar Photovoltaic Power Generation, Lighting & Intelligent Applications

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## EVENT PROFILE

### ***The ONLY Premier International SERIES of EXHIBITIONS on Power, Renewable Energy, Solar Photovoltaics, and Smart Lighting Solutions***

As Bangladesh marches forward in its pursuit of sustainable energy solutions, CEMS-Global USA's **28<sup>th</sup> Power Series of Exhibitions** in Bangladesh are poised to play a pivotal role in shaping the nation's energy landscape.

Bangladesh is on the path to a sustainable and energy-efficient future, and three significant events, the **Power Bangladesh 2026 International Expo, Solar Bangladesh 2026 Expo, and Lighting Bangladesh 2026 Expo**, stand as shining examples of the nation's commitment to innovation and sustainability. These expos collectively showcase cutting-edge technology, renewable energy solutions, and advanced lighting concepts.

The Exhibitions draw participant companies from around the world, Industry leaders, promoting global collaboration in the Power & Energy sector of Bangladesh showcasing innovations in power generation, distribution, management, renewable energy and lighting; with a focus on sustainability and efficiency. They provide a B2B Networking and Business development platform for international companies, investors, and experts to engage with Bangladesh's energy ecosystem and explore opportunities for collaboration and investment with the stakeholders in Bangladesh, thus facilitating cross-border collaborations, investments, and the exchange of best practices in energy management.

Sustainability is at the core of this expo. Exhibitors and participants are encouraged to explore eco-friendly lighting solutions that not only enhance energy efficiency but also reduce environmental impact. This aligns with Bangladesh's commitment to a greener future.



## EXECUTIVE SUMMARY

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### *Int'l Exhibition on Power Generation & Transmission, Energy & Renewable*



For over 25 years, **CEMS-Global USA** has been delivering world-class trade shows on critical industry topics across 4 continents of the world. Its acclaimed *POWER Series of Exhibitions* has consistently united global innovators, policymakers, and industry leaders to address the evolving challenges of energy and sustainability. Building on this legacy, CEMS-Global proudly presents the **28<sup>th</sup> Power Bangladesh 2026 International Expo** in Dhaka, a landmark event set to showcase Bangladesh's dynamic energy transformation.

The Expo will once again stand as **Bangladesh's premier international exhibition on Power Generation & Transmission, Energy, and Renewable Energy**. It will bring together all major stakeholders—government agencies, private enterprises, global manufacturers, distributors, and technology providers—under one roof. This convergence will create a vibrant platform for collaboration, innovation, and investment, reinforcing Bangladesh's position as one of Asia's fastest-growing energy markets.

The **2026 edition** will place special emphasis on **smart grids, digital substations, and advanced energy storage systems**, reflecting Bangladesh's push toward modernization and energy efficiency. With rising electricity costs and a strong drive for energy independence, the Expo will highlight showcasing high-efficiency PV modules, hybrid systems, and intelligent energy management solutions. These innovations will not only support sustainability goals but also open new avenues for international businesses to engage with large-scale buyers.

The Expo will attract **leading manufacturers, distributors, and representatives from across the globe**, presenting cutting-edge technologies and solutions tailored to the region's needs. Specialists in power engineering and renewable energy will share expertise, fostering knowledge exchange and capacity-building. This global participation will strengthen Bangladesh's energy ecosystem and accelerate its transition toward cleaner, smarter, and more resilient power infrastructure.

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## EXECUTIVE SUMMARY

### **Bangladesh's Premier International Exhibition On Solar Photovoltaic Power Generation**

For over 25 years, **CEMS-Global USA** has been delivering world-class trade shows on critical industry topics across 4 continents of the world. Its acclaimed **SOLAR BANGLADESH EXPOS** has consistently united global innovators, policymakers, and industry leaders to address the evolving challenges of energy and sustainability. Building on this legacy, CEMS-Global proudly presents the **23<sup>rd</sup> Solar Bangladesh 2026 Expo** in Dhaka, a landmark event dedicated exclusively to the future of solar energy in Bangladesh.



The Expo will serve as **Bangladesh's premier international exhibition on Solar Photovoltaic (PV) Power Generation and Renewable Energy**, bringing together all critical stakeholders under one roof. From government agencies and private enterprises to global manufacturers, distributors, and technology providers, the event will create a vibrant platform for collaboration, innovation, and investment.

With rising electricity costs and Bangladesh's strong push for energy independence, solar power has become central to the nation's energy strategy. The **2026 edition** will highlight the rapid adoption of solar solutions across textiles, manufacturing, agriculture, and construction. Exhibitors will showcase **high-efficiency PV modules, solar-powered backup systems, hybrid technologies, and advanced energy storage solutions**, reflecting the country's growing demand for sustainable alternatives.

The Expo will attract **leading solar technology providers, manufacturers, and distributors from around the world**, presenting cutting-edge innovations tailored to Bangladesh's needs. Specialists in solar engineering and renewable energy will share expertise, fostering knowledge exchange and capacity-building. This global participation will strengthen Bangladesh's solar ecosystem and accelerate its transition toward cleaner, smarter, and more resilient energy infrastructure.

## EXECUTIVE SUMMARY

### *An international exhibition on lighting and intelligent applications for Bangladesh*



For over 25 years, **CEMS-Global USA** has been delivering world-class trade shows on critical industry topics across 4 continents of the world. Its acclaimed *LIGHTING BANGLADESH EXPOS* has consistently united global innovators, policymakers, and industry leaders to address the evolving challenges of energy and sustainability. Building on this legacy, CEMS-Global proudly presents the **8th Dhaka International Lighting Expo 2026** in Dhaka, a premier event dedicated to the future of lighting and intelligent applications in Bangladesh.



The Expo will serve as **Bangladesh's foremost international exhibition on lighting technologies and smart applications**, bringing together all major stakeholders under one roof. From government agencies and private enterprises to global manufacturers, distributors, and technology providers, the event will create a vibrant environment for collaboration, innovation, and investment.

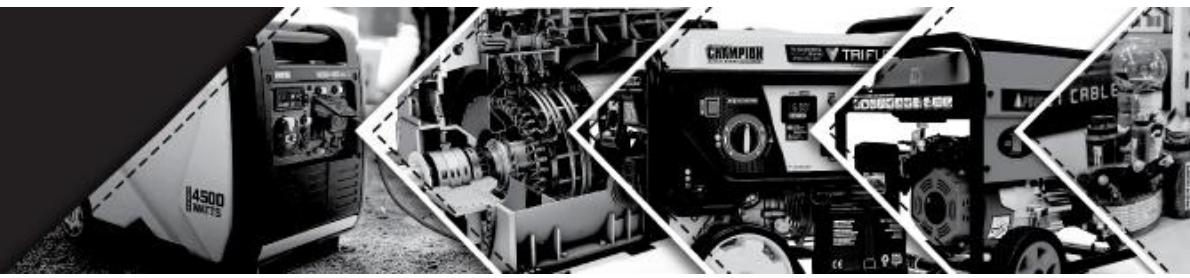


The **2026 edition** will highlight rapid adoption of **energy-efficient lighting solutions, smart controls, and intelligent applications** across residential, commercial, and industrial sectors. Exhibitors will showcase **LED innovations, smart street lighting, architectural lighting, and IoT-enabled systems**, reflecting Bangladesh's growing demand for modern infrastructure. With rising energy costs and a strong push for efficiency, the Expo will emphasize how advanced lighting technologies can transform urban spaces, workplaces, and industries.

The Expo will attract **leading lighting manufacturers, distributors, and solution providers from around the world**, presenting cutting-edge technologies tailored to Bangladesh's needs. Specialists in lighting design, smart city solutions, and intelligent applications will share expertise, fostering knowledge exchange and capacity-building. This global participation will strengthen Bangladesh's lighting ecosystem and accelerate its transition toward smarter, greener, and more resilient infrastructure.

# 7 Reasons to Participate

in the 28<sup>th</sup> Power Series of Exhibitions 2026



## 1. Securing Future Bangladesh : Policy-Driven Power Expansion, Solar Growth, and Efficient Lighting

In Bangladesh, government-led power expansion has raised electricity access from under 50% in 2009 to over 95% by 2025 through grid growth and renewables. Solar adoption is surging, with 6 million home systems deployed via loans and subsidies, reducing fossil fuel reliance. Nationwide LED programs have cut residential demand by up to 40%, saving millions of kilowatt-hours. Together, these policies secure energy supply, drive clean growth, and lower emissions.

## 2. Driving Demand for Power Equipment, Solar Solutions, and Lighting Revolution in Bangladesh

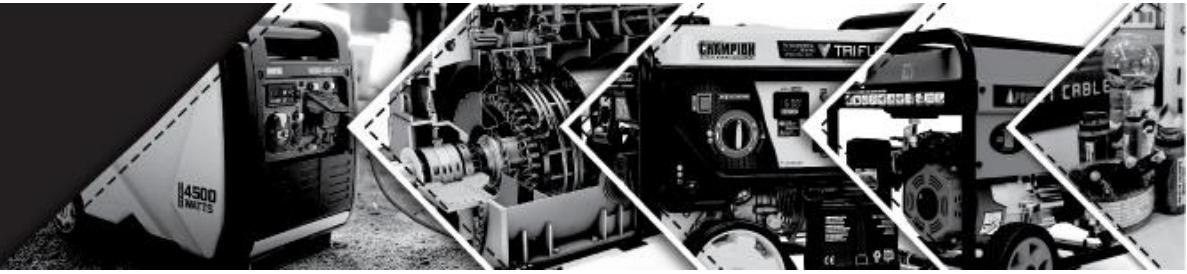
Bangladesh is witnessing a rapid energy transformation, driven by surging demand for power equipment, solar solutions, and efficient lighting technologies. The solar market is set to grow from 1.4 GW in 2025 to 2.5 GW by 2030 (12.36% CAGR), driven by incentives and rising on/off-grid demand. Solar equipment revenues are expanding as residential and utility projects scale. Meanwhile, nationwide LED adoption has cut household electricity use by up to 40%, saving millions of kilowatt-hours. These strengthen energy security, reduce emissions, & fuel sustainable growth.

## 3. Strategic Gateway to the South Asian and ASEAN Energy, Solar, and Lighting Markets

Bangladesh is positioning itself as a strategic gateway to South Asian and ASEAN energy, solar, and lighting markets of over 2 billion people. Its geographic location and expanding infrastructure make it a natural hub for regional trade and investment in renewables. Government-backed policies are accelerating solar adoption and driving a nationwide transition to efficient LED and SMD lighting. Together, these initiatives strengthen energy security while opening pathways for cross-border collaboration and sustainable growth across the region.

# 7 Reasons to Participate

in the 28<sup>th</sup> Power Series of Exhibitions 2026



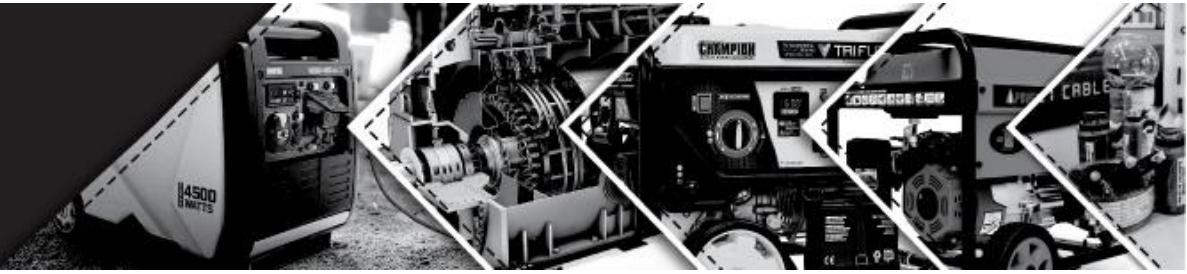
## 4. Bangladesh's Infrastructural Transformation : Power, Solar, and Energy on the Rise

Bangladesh's energy sector is advancing rapidly across power, solar, and lighting. Electricity generation capacity has exceeded 25,000 MW, serving 170 million people with demand rising 7–10% annually. Solar is becoming central to the clean energy transition, electrifying millions of rural households and attracting large-scale investment in solar parks to diversify supply. Meanwhile, the lighting market is booming through LED adoption, smart technologies, and efficiency initiatives, evolving into a modern, technology-driven industry. Together, these developments highlight Bangladesh's swift progress toward energy security, sustainability, and innovation

## 5. Unprecedented Growth Driving Power Demand to Shift to Smart Solar and LED Adoption

Bangladesh's rapid economic growth is driving unprecedented demand for power across urban, industrial, and commercial sectors. Government-backed incentives and falling costs are accelerating the adoption of both on-grid and off-grid solar solutions. The solar equipment market—including panels, storage, and mounting systems—is expanding steadily as projects scale nationwide. At the same time, nationwide LED and SMD lighting programs are cutting electricity use by up to 40%, easing grid stress. Together, these shifts highlight a policy-driven energy transition that strengthens security, reduces emissions, and supports sustainable development.

# 7 Reasons to Participate in the 28<sup>th</sup> Power Series of Exhibitions 2026



## 6. Government Incentives, Private Sector Dynamism, and Global Capital Inflows to Energy Infrastructure Market

Bangladesh's energy infrastructure market is accelerating through government incentives, rising private investment, and strong global funding. Policy support is driving renewable adoption, while local firms expand utility-scale and distributed projects. The country requires nearly \$1 billion annually until 2030 to meet its renewable targets, attracting foreign direct investment and development financing. Together, these forces are building a robust ecosystem that strengthens energy security and positions Bangladesh as a regional hub for sustainable growth.

## 7. Growing Focus on Sustainable Energy by Showcasing to and Networking with Industry Leaders, Global Buyers

Bangladesh is modernizing its power grid with smart grids, digital substations, and energy storage—driving efficiency, sustainability, and opening new opportunities for technology providers and equipment manufacturers. The Expo serves as the ultimate meeting point for government bodies, renewable energy leaders, industrial consumers, EPC contractors, and solar innovators. Exhibitors gain direct access to key buyers, policymakers, and decision-makers, making it a high-impact B2B platform for business growth. Meet government officials, project developers, real estate companies, distributors, architects, and top industry leaders—all in one place.

# PROFILE OF EXHIBITS

## Production of Electric and Thermal Energy:

- Power Generation Systems
- Stand-Alone Sources of Energy
- Boiler and Auxiliary Equipment

## Conversion and Storage of Electrical Energy:

- Accumulators
- Power Transformers



## Electric Generators:

- Turbo Generators and Hydro Generators



## Equipment of Distribution and Control:

- Cable-Conductor Products

# PROFILE OF EXHIBITS

## Transmission and Distribution of Electrical Energy:

- Power Switches
- High-Voltage



## Alternative Sources of Electrical Energy:

- Gas Power Engineering
- Wind Power Engineering



## Renewable Energy:

- Component Equipment Suppliers
- Project Developers & Operators
- Consulting Companies

## Electro-Technical Equipment:

- Electric Motors
- Others

## PROFILE OF EXHIBITS

- Ingot / Block Production Equipment
- Wafer Production Equipment
- Cell Production Equipment
- Panel Production Equipment
- Thin-Film Panel Production Equipment
- Solar Panels and Modules
- Rural PV Power Generation System



- Mobile Chargers
- Batteries
- Converters
- Inverters
- Mounting Systems
- Lighting Products
- Power Systems
- Solar Hardware



## PROFILE OF EXHIBITS

- Lighting Measuring and Testing Equipment
- Chip Manufacturing Technology and Equipment
- Packaging Technology and Equipment
- Light fittings & electrical accessories
- Ingot Commercial lighting
- Household lighting
- Road lighting
- Industrial Lighting
- LED Display and Lighting
- The landscape lighting
- Decorative lighting
- Lighting Engineering
- Smart lighting
- Control Systems
- Lighting Design
- Energy Management
- Driving Component
- Trenchless Technology



## PROFILE OF VISITORS

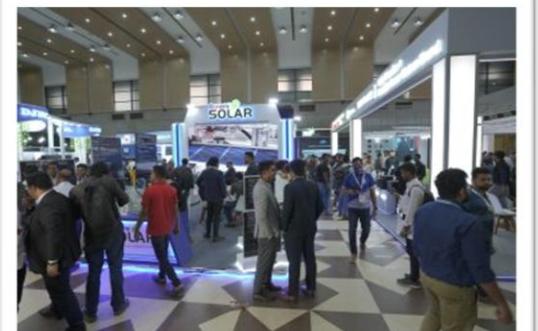
- Production Managers from All Industry Sectors of Bangladesh
- Importers and Traders from All Sectors of the Industry
- Target Visitors Consisting of Businessmen
- Public & Private Power, Solar Utilities
- Trading Companies and Delegators
- Production Managers / In-Charges
- Power Production Companies
- Procurement Managers
- Government Agencies
- Associations / Agencies

- Project Developers
- CEOs & Operation
- Top Executives
- Manufacturers
- Export Houses
- Exporters
- Others
- OEMs
- Engineers
- Contractors



**Series of Exhibitions**

Power • Energy • Renewables • Lighting



## Why Bangladesh - Facts & Figures

- ❑ Bangladesh is one of the fastest-growing economies in South Asia, with a progressive economy that has grown at an annual rate of around 4–5% in recent years.
- ❑ The Government of Bangladesh now promises to achieve the status of a ‘middle-income country’ imminently (having already virtually completed graduation from least-developed country status by 2026) and aims to achieve the status of a ‘High Income Country’ by 2041 under its Vision 2041 roadmap.
- ❑ Power and electricity consumption has increased in line with the rise in capacity. Domestic and industrial sectors are the key power demand drivers in the country.
- ❑ The industrial sector has witnessed significant growth over the past decade. To meet the fast growth in demand, the installed power generation capacity needs to be increased further; as of early 2025, the installed electricity generation capacity in Bangladesh is over 30 GW, with ongoing expansion plans.



- ❑ To achieve future power demand goals, a substantial amount of investment would be needed across the entire power sector, with estimates suggesting tens of billions of USD in investment will be required to sustain capacity expansion and renewable energy targets.
- ❑ The Government of Bangladesh has shown a strong commitment to attract private sector investments and provide an investment-friendly environment by providing various tax and other incentives.

## ABOUT CEMS-GLOBAL (ORGANIZER)

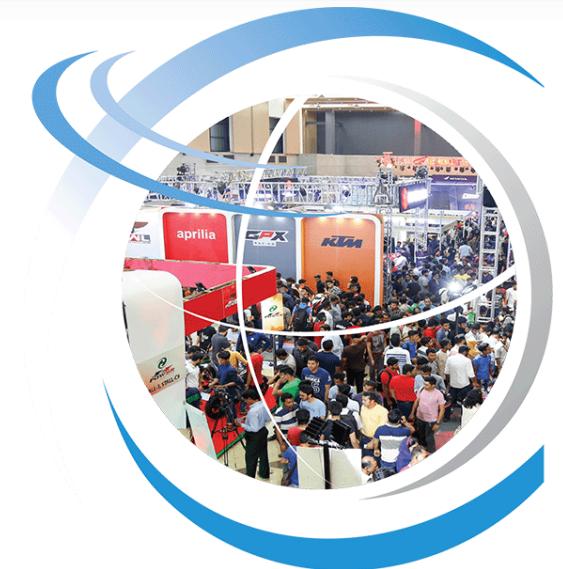
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CEMS-Global USA is committed to organizing Professional B2B Trade Shows for important Business sectors of the trade and economy. CEMS-Global also assists Trade Associations, Governments, and businesses as an International Trade & Export Development Agency in international markets, including market research, export strategy development, partner identification, and trade promotion.

CEMS-Global has over three decades of experience in producing trade shows and conferences across multiple industries. Based in the United States, CEMS-Global operates worldwide, with a strong presence in North America, Asia, Africa, and Latin America. CEMS-Global also provides Strategic Consultancy that specializes in Business & Export expansion, Branding, Fostering industry collaboration, and creating opportunities to reach and expand business or exports in both established and emerging markets. With a reputation for professionalism and Global reach, CEMS-Global delivers high-quality, impactful events and Consultancy results that drive business growth and industry innovation.

Through its B2B exhibitions, CEMS Global creates opportunities for businesses to explore new markets, forge partnerships, and stay updated on industry trends and innovations. With its extensive experience and network, CEMS Global plays a vital role in driving economic growth and development in the regions where it operates.

In this span of over 3 decades, CEMS-Global has partnered with several Business Associations, Chamber of Commerce, Export Promotion Councils, International Trade Promotion organizations, and Governments. Our successful 40 Trade shows per annum in highly potential and developing countries of the world across four continents have benefited hundreds of thousands of Manufacturers, several Industry sectors and boosted International Trade & Development in many countries.



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