



BANGLADESH'S PREMIER INTERNATIONAL EXHIBITION ON SOLAR PHOTOVOLTAIC POWER GENERATION

SCHEDULE

Date	:	14 ~ 16 November 2024
Venue	:	International Convention City, Bashundhara, Dhaka, Bangladesh.
Opening Hours	:	10:30 AM to 8:00 PM
Frequency	:	Annual
Open to	:	Business / Trade Visitors
Website	:	www.cems-solarexpo.com

7 Reasons to Participate

in the 21st Solar Bangladesh Int' Expo 2024



1. In the past 20 years, around 6 million solar home systems have been installed across cities and villages in Bangladesh, providing electricity to remote off-grid communities.
2. The Bangladeshi solar energy market is projected to develop at a compound annual growth rate (CAGR) of 38.60% from 2024 to 2029, from an estimated 0.55 gigawatt in 2024 to 2.84 gigawatt by that time.
3. Bangladesh aims to generate over 4,100 megawatts of electricity from renewable energy sources by 2030, with solar power expected to contribute around 2,277 MW, presenting a substantial opportunity for the solar energy sector.
4. By 2041, Bangladesh plans to produce 40% of its electricity from clean sources and import 9,000 MW of renewable energy from neighboring countries. This offers solar manufacturers a prime opportunity to showcase innovations and expand their market at the Solar Bangladesh Int'l Expo, the Oldest & Biggest Expo of its kind.
5. Rays Power Infra, Bangladesh's largest solar photovoltaic power plant, currently has 1.3 GW of solar capacity and plans to expand to 2.0 GW within the next two years.
6. Over the past decade, the number of solar systems in Bangladesh has surged from 25,000 to 2.8 million, as reported by IRENA. This growth has generated approximately 114,000 jobs in various roles, including assembling, selling, installing, and maintaining solar panels.
7. Participate in 21st Solar Bangladesh Int'l Expo 2024. Meet and connect with the top manufacturers from the Solar Sector through the Expo.

EVENT PROFILE

With the great successes of CEMS-Global USA's 'SOLAR Exhibitions in South & South-East Asia, CEMS-Global, having a reputation as a Multinational Exhibition is once again going to organize the '21st SOLAR BANGLADESH 2024 INTERNATIONAL EXPO' in Dhaka and is set to be Bangladesh's premier international exhibition on Photo Voltaic Solar Generation & Transmission, Solar Equipment, Energy and Renewable Energy. This will bring together specialists engaging in the Solar Engineering Industry, leading Manufacturers and Distributors / Representatives from all over the world to Bangladesh. With the ever-growing power & energy needs of Bangladesh, '21st SOLAR BANGLADESH 2024 INTERNATIONAL EXPO' will be the perfect B2B platform for the entire Solar & Energy Industry. It will provide the Exhibitors a not-to-be-missed opportunity to further establish business contacts and get face-to-face and interact directly with the visiting Trade Delegations, Industrialists, Importers, Distributors, and Agencies in a rapidly developing Industry sector where investments are now on a rise with new Industrialization, making Bangladesh a very important Business destination in South Asia.

WHY BANGLADESH?

Bangladesh is currently heavily dependent on fossil fuels for 99% of its energy, but it has ambitious plans for renewable energy by 2030 and 2040. They aim to generate 4,100 MW of clean energy by 2030, with solar, hydropower, and wind contributing significantly. By 2041, Bangladesh plans to get 40% of its power from clean sources and import 9,000 MW of renewable energy. The country's current energy capacity is 25.5 GW, with demand increasing by 4.68% annually due to its growing population and economy. Dhaka, one of the world's most densely populated cities, contrasts with rural areas suitable for both small and large-scale solar projects. Bangladesh has a promising solar potential with a Global Horizontal Irradiance (GHI) of 4.59, supporting initiatives like the Rural Electrification and Renewable Energy Development (RERED) Project, which has brought electricity to over 20 million people since 2003.



The Asian Development Bank has invested \$121.55 million in a 100 MW solar plant in Pabna, expected to generate 193.5 GWh annually and reduce CO2 emissions by 93,654 tonnes. Bangladesh is also collaborating with the International Solar Alliance (ISA) on nine projects to be completed by 2024, with a huge funding allocated for six of these projects.

PROFILE OF EXHIBITS

Production Equipment: Solar Ingot/Wafer/Cell/Panel/Thin-Film Panel Production Equipment, Ingot/Block Production Equipment, Wafer Production Equipment, Cell Production Equipment, Panel Production Equipment, Thin-Film Panel Production Equipment, Technical and Research Equipment. Solar Materials: Silicon Materials, Ingots/Blocks, Wafers, Glass, Film, Others - Companies that supply materials required for the manufacture of solar cells, solar panels and modules. Solar Cells/Panels (PV Modules): Companies that manufacture and sell solar cells/panels/modules. Components: Batteries, Chargers, Controllers, Converters, Data Logger, Inverters, Monitors, Mounting Systems, Trackers. Solar Products: Lighting Products, Power Systems, Mobile Chargers, Water Pumps, Solar Houseware. Solar PV Projects and System Integrators: PV



system integrators, solar power air conditioner system, rural PV power generation system, solar power measurement and control system, solar power warming system projects, PV projects programs control, engineering control and software system.

PROFILE OF VISITORS

The “21st SOLAR BANGLADESH 2024” International Expo will assemble qualified and senior visitors having the authority to purchase or influence purchase of products and services from the entire Industry of Bangladesh and will focus on Target visitors consisting of Businessmen, Public & Private Solar utilities, OEMs, Project Developers, Contractors, Top Executives, Consultants, Engineers, CEO’s & Operation / Production Managers from ALL Industry sectors of Bangladesh, professionals, Agencies, Operation Managers / In-charge, Procurement Managers, Manufacturers, Exporters, Importers & Traders from all sectors of the Industry, Trading Companies, Export Houses, Government Agencies, Trade Delegations, Associations, Buyers, Professionals and Suppliers of PV Solar Generation Systems & Equipment.

ABOUT CEMS-GLOBAL (ORGANIZER)

CEMS-Global USA, based in New York, is a professional Multinational Exhibition & Convention Organizer, having its operations across 4 continents. Established in 1992, CEMS-Global, in this span of over 32 years has been committed to organizing Professional B2B Trade Shows for important Business sectors of the trade and economy.

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 high potential and developing countries of the world across 4 continents have benefited hundreds of thousands of Manufacturers, Several Industry sectors and boosted International Trade & Development in many countries.

With our 40 Trade Shows on important business sectors and commendable presence globally across 4 continents, we transform our Events into successful Trade Shows with focus on our knowledge, skill, finesse and creativity.

We bring all these attributes together to reinvent events....to transform the ordinary into extraordinary and produce successful Trade Shows in important and potential markets worldwide. As a company with Global presence and a wide-ranging proven track record, CEMS-Global USA also provides High-Value Management & Strategy Consultancy Services and lays its knowledge, its vast global experience at the disposal of the Client and assists Trade/ Business Associations and Enterprises improve work strategies, improve efficiency & performance or entering new markets, with our proven system to reach the goal. Great people make great partnerships!

CEMS-Global’s dedicated team stands with you in making a right decision for your participation in a Trade Show or enhance your Businesses in the next important market for you that will yield exceptional results.

With over 762+ Trade Shows, 55,455+ Exhibitors, 1.95+ Million Attendees in our portfolio; we are devoted to take you where markets are....



ORGANIZER



In Association with: **CEMS**
BANGLADESH

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