

ORGANIZED BY



INTERNATIONAL CONFERENCE & SHOWCASE
SOLAR CLEAN ENERGY
PAKISTAN 2021

THEME

**THE PERFECT TIME
TOWARDS SUSTAINABLE
GREEN ENERGY**

JUNE 23, 2021 | KARACHI MARRIOTT HOTEL

INDUSTRY OVERVIEW

The rapid climate change and global warming we all are experiencing today asked the CDM Experts to change the way we all think; about our acts and contributions in development of greenhouse gases over the past several decades. Thanks to nature's gifted resource – 'the brilliance of the human brain' allowed the energy experts towards thinking in positivity and creativity i.e. the birth of renewable energy resources; especially the Solar, Wind and Hydro. Thus, these renewable resources will help greatly in minimizing the Carbon footprint in Pakistan and the region.

According to the World Bank's study report on renewable energy, by utilizing just 0.071 percent of the country's area for solar photovoltaic (solar PV) power generation would meet Pakistan's current electricity demand. The role of World Bank in developing of Pakistan's renewable energy has been tremendous with a financing of \$100 million to the Sindh Solar Energy Project (SSEP), which is supporting utility-scale solar power, distributed solar on and around public buildings, and provision of solar home systems to households with low or no grid access. Further, the World Bank has also committed \$425 million of financing to the National Transmission Modernization Project (NTMP), which aims at increasing the capacity and reliability of selected segments and modernizing key business processes of NTDC. Infact, it was recently announced by the Ministry of Energy that NTDC has successfully completed a 130km long, 220kv double circuit transmission line added 450MW to the national grid.

Moreover, the World Bank's Study Reveals Pakistan has huge renewable energy potential that should be expanded immediately to at least 30 percent of Pakistan's total electricity generation capacity by 2030, equivalent to around 24,000 MW, which will result in fuel savings equivalent to \$5 billion within 20 years and will lessen greenhouse gas emissions."

AEDB is set to bring the best renewable projects in fast-paced-modes. Currently AEDB is pursuing 22 solar PV power projects of cumulative capacity of approximately 890.80 MW. Moreover, recently ADEB issued a Tripartite Letter of Support (TLOS) to 100 MW Solar Project. The Project is expected to be commissioned by December 2021.

NEPRA being as regulator is also playing its contributive role in providing best modules and tariff for On-grid Solar System facilitating Solar Installers as well as Consumers to get benefiting from the on-grid solar system, thus savings on monthly energy bills and provide extras to the national grid.

Now, Summer already hits the country and demand for energy has started rising with the rise of unscheduled load-shedding across the country and metropolitan cities. However, the experts hope that with rapid installations of Solar Energy Systems alongwith other renewable projects will give right thrust not only in mitigating the growing carbon footprint but will also help the Pakistani Nation to empower themselves with independent and sustainable Green Energy for the generation next!

CHALLENGES AND OUTCOMES



Rapid Development of uninterrupted Transmission & Distribution Networks to increase Reliability of National-Grid making cities-energy-sustainable



An eye on Grid evacuation of renewable energy, NEPRA, CPPA and Regulatory issues



Indigenous Quality Manufacturing: Battery Storage, Solar Panels, Inverters etc.



RE policy's consistent and sustainable implementation and development of sector at fast-track



Hybridization (Solar & Wind) and other Renewable Energy



Effective monitoring on installed system and essential trainings for Solar Installers

OBJECTIVES

The International Conference & Showcase on Solar Clean Energy Pakistan 2021 will be a unique platform; featuring national and international Keynote Speakers, Interactive Experts Panel Discussions Sessions and Technological Showcase giving unmatched learning and networking opportunities for the stakeholders.

KEY TOPICS



A case study: EIA of mega-solar-projects and their Environmental effects in reducing the Carbon Footprint



Competitive Analysis of Worldwide Solar Energy Industry, Regional Growth vs Pakistan's Current Solar Energy Development Facts and Figures



Alternative and Renewable Energy Projects with Clean Development Mechanism



Impact of multi-level foreign & local Project Investments



Solar-Wind Hybrid Systems – Round O'Clock Power for consumers



Current market status and future plans based on new ARE Policy 2019



SBP Financing Scheme for Renewable Energy – the ultimate Beneficiaries!



Development of Indigenous Energy Storage Factories & Testing Labs in Pakistan



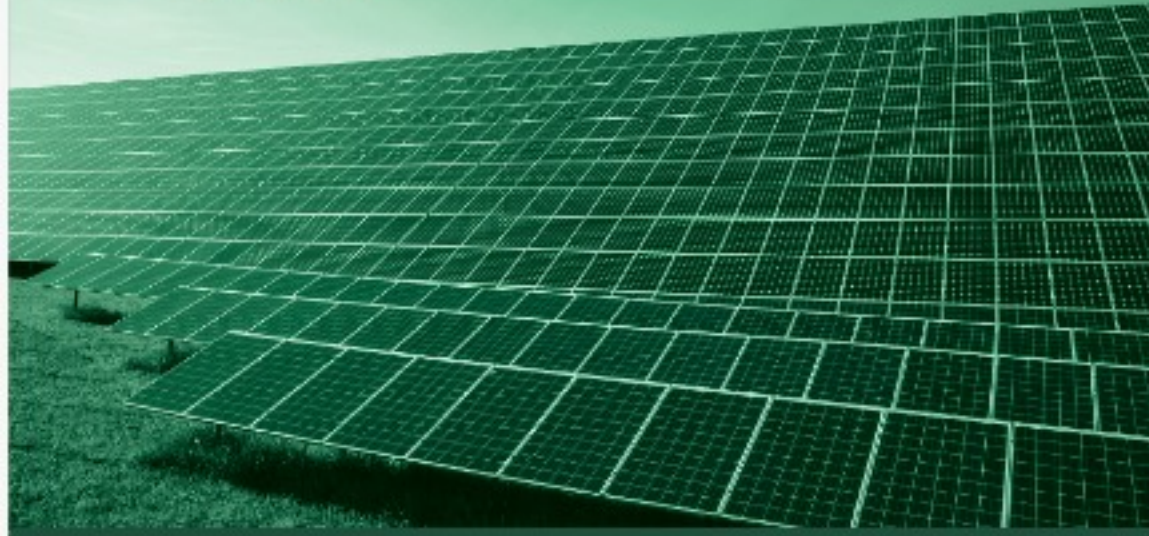
Transfer of Technology; manufacturing of Solar Panels and Inverters



Environmental Degradation and Economic Impacts. Renewable Energy is the solution



Roadmap for Micro-Grid and Macro-Grid Systems over the next years



CONFERENCE PARTICIPANTS

The annual conference will attract around 200 participants from local and international Solar and others Renewable Energy Industries i.e. Investors, Banks & Financial Institutions, OEMs, EPCs, O&M Contractors, Project Planners, Energy Experts, Researchers, Consultants, Government Departments, Academia and Media.

EVENT ORGANIZER

Energy Update is Pakistan's premier monthly magazine dedicated to the Energy Sector, Power Generation, Oil & Gas, Alternative & Renewable Energy, Environment and Engineering. It was launched to fill the niche as this important and vibrant sector lacked a dedicated publication, and it is the stated aim of the magazine to become the 'voice of industry'. The magazine has completed its journey of 15 years of successful publication.

The Team Energy Update is also actively engaged in providing platforms for Energy Industry by organizing and managing various successful events in recent past like Conferences on LNG for Pakistan, CNG-CONEX and LPG, Wind Energy Summits as well as Webinar on Solarization of Pakistan held during the times of Covid-19 in 2020. These interactive events were largely attended by local and international delegates and government officials.

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INTERNATIONAL CONFERENCE ON SOLAR CLEAN ENERGY PAKISTAN 2021

CONFERENCE REGISTRATION FORM

A-REGISTRANT INFORMATION

Name of Participant: _____

Cell Phone: _____

Email: _____

Designation: _____

Company/Org: _____

Address: _____

Participation fee: _____

No. of Person: _____

Payment through online/cheque: _____

CONFERENCE FEES

@ Rs. 15,000/- + Taxes
(Individual)

@ Rs. 12,000/- + Taxes
(Group of 4 or above participants)

ACCOUNT DETAILS


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CONTACT DETAILS

 021-35653676 | 021-35643478

 0300-2068048

 powergenconf@gmail.com | info@energyupdate.com.pk

 309, Al-Sehat Center Adjacent Hotel Regent Plaza, Shahrah e Faisal, Karachi