

PV Invest Tech Dubai/UAE

16th August at Hotel Hyatt Regency Creek Dubai

09:00-09:30 Registration Begins

09:30-11:30 Inaugural Session : Keynote Address & CEO Level Panel Discussion on Utility Scale Projects in Dubai/UAE-

★ Panel Discussion-

- The future of solar projects in UAE & It is projected that they will reach 20GW from solar power by the year 2030.
- Challenges like Lack of a clear regulatory framework ,low electricity rates,difficulty in obtaining finance for solar projects.
- Opportunity & Challenges in Open Access, Captive & Group Captive Models and Status in COVID 19 times.
- Cost competitiveness of utility-scale solar PV.
- Pipeline of Utility Scale Projects.
- Regulatory Barriers and Recommendations.
- Landscape of all bid out projects in Utility Scale Projects.
- Upcoming Bids on Utility Scale Projects.
- Factors like Demand of Power, forecast financial viability.
- Challenges in their commissioning like Land, PPA/PSA, Evacuation, COVID, Construction, Supply Chain, Financial Closure.
- Module pricing roadmap and impact on project commissioning.
- Status of Solar Parks, Evacuation challenges.
- ACWA Power is coming with 300MW Dubai solar project in UAE.
- Policy and Regulatory Changes – Interim and Post COVID 19.
- Noor Abu Dhabi Solar Power Project is independent power project (IPP) and have 1,177MW solar power plant located in Abu Dhabi, UAE. & Developed world's biggest single-site solar power plant.
- Government policies concerning rooftops and distributed solar.
- Utility Scale Solar, Solar-Wind Hybrid, Floating Solar, Energy Storage, Biig RoofTops, Open Access Projects.

★ Panel Discussion-

1. Mr. Ashok Ramakrishna, Head of Business Development – Siraj Power
2. Mr. Manish Singhal, Digital Transformation Leader - BU PM and Head of Carbon Monetization - ACWA Power
3. Mr. Antonio Valentin Diaz, Head of Project Delivery Middle East – EDF Renewables
4. Mr. Alok, Vice President- Middle East - M+ Solar by Petronas
5. Mr. Manish Choudhary, Senior Manager -AMEA Power
6. Mr. Karim Megherbi, Founding Executive Director - Orisun Invest
7. Mr. Mustapha Taoumi – Adviser & Clean Energy Senior Expert
8. Mr. Romain RICHE, Board member - International Development Director -MESIA
9. Mr. DineshKumar Xavier Dhas, Lead Procurement Manager -Powerchina Huadong Engineering Corporation Limited

11:30-12:00 Networking: Tea/Coffee Break

12:00-13:00 Tech PPT Session for Sponsors:

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| 1) Mr. Marwan, Middle East region sales Director – JA Solar Technology Co. Ltd. | (Time: 12:00 PM-12:10 PM) |
| 2) Mr. DIAA EED, Director – Strategic Business – Sungrow Middle East DMCC | (Time: 12:10 PM-12:20 PM) |
| 3) Mr. Karim Megherbi, Founding Executive Director - Orisun Invest | (Time: 12:20 PM-12:30 PM) |
| 4) Mr. Krishan Kumar Sharma, VP-APAC - Solar Space | (Time: 12:30 PM-12:40 PM) |
| 5) Mr. Romain RICHE, Board member - International Development Director - MESIA | (Time: 12:40 PM-12:50 PM) |

13:00-14:00 Networking Lunch

14:00-15:00 Dubai/UAE Annual Solar Awards

15:00-16:00 Rooftop & Distributed Solar in Dubai/UAE

★ Panel Discussion-

- Key trends, opportunities & challenges in up scaling & mainstreaming UAE Rooftop/Distributed Solar Market
- Government policies concerning rooftops and distributed solar in UAE.
- Role of local government and communities in the energy markets and how energy communities can accelerate adoption of renewable and efficient energy systems in UAE
- Financing Rooftop/Distributed projects - retail financing and developer finance in UAE
- Emerging Options of Financing of Solar Rooftop/Distributed Projects.
- Rooftop/Distributed business models and case studies
- Key Challenges In Managing Diversified Solar Rooftop/Distributed.
- Benefits, Costs, and Smart Policies in Solar Rooftop & Grid Integration.
- Challenges in Rooftop: RESCO Model - Emerging Regulatory Challenges, Few States bearing Net Metering.
- Renewable Energy Business Opportunities, Trends and Technologies.
- Leading Middle East Technologies in the Off-Grid Sector.
- Barriers to solar market and industry development and growth.
- Making Solar Bankable: Rooftop/Distributed Solar + Storage.
- Distributed solar in C&I segments is growing exponentially, but growth in residential solar is Slower in comparison with the C&I segment due to lack of financing.
- Middle East countries have already set the target for 2030 for renewable energy, especially Solar (Utility-Scale project & C&I distributed Solar), but they don't have a good supportive policy for rooftop solar in many Middle Eastern countries.

★ **Panelists-**

1. Mr. Amit Singh -Project Chief - CleanMax
2. Mr. Rahul Anurag, Head Of Business Development, Solar Projects - Voltas International Operations Business Group (IOBG)
3. Mr. Manoj Divakaran, Managing Director – Empereal Energy
4. Mr. Shyam Yadav, Managing Director – Clenergize Consultants
5. Mr. Mohammad Abuhilal, CEO – Sun Synergy Group
6. Mr. Vivek Nair, Co-founder & Managing Director – Galactic Energy Consultants
7. Mr. Ramy Elias, Regional Sales Manager – Rolls – Royce Sustainable Power Solutions

16:00-17:00 Designing Engineering & Procurement in Dubai/UAE

★ **Panel Discussion-**

- Procurement, Supply Chain, Logistics, Financial Responsibilities, Technology and Scale.
- New Technologies, Future Tech & Pricing Road Maps, Exchange Rates
- Experience of implementing solar projects in the UAE & designing a specific type of power plant and History of completed projects.
- Key challenges to overcome and design parameters to keep in mind
- Features of EPC Contract (Time, Cost, Quality).
- The increase in raw material prices and the module prices are like a double-edged sword for an industry which is already bearing delayed deliveries during Covid-induced slowdown.
- The current scenario of higher raw material and module prices have impacted the EPC Companies and it is difficult to get the return on the project.
- Prices of Raw Material and Labour Increases day by day so what are Challenges facing EPC Companies.
- What are the Contract strategy for the construction of large energy facilities in UAE.

★ **Panelists-**

- 1) Mr. Shreemanth R. Sahukar, General Manager – Contracts – Sterling & Wilson Renewable Energy
- 2) Mr. Abilash ET Nair, PMP Head – Smart Mobility & Smart Buildings Head – Saeed & Mohammed Al Naboodah Group
- 3) Mr. Aseem Parekh, Chief Technical Officer & Co-founder - Solario
- 4) Eng. Hamzeh Buqaei, Manager of Energy Academy – HTU
- 5) Mr. Rahul Kanotra, Founder & Director – Inventocean Technologies Pvt. Ltd.
- 6) Mr. Abhinav Sharma, Regional Sales Manager (Energy Solutions) – AL FARIS EQUIPMENT RENTALS L.L.C.

17:00-18:00 Manufacturing, Technology, EPC and O&M in Dubai/UAE

★ **Panel Discussion-**

- Manufacturing Technology in UAE: Evaluating Make in UAE for solar (special emphasis on Dubai)
- Duties to the solar industry's aid?
- Importance of equipment quality in plant operation and performance
- Emerging technologies in solar for Modules & Inverters.
- Offgrid solar applications: water pumping, home lighting, rural & agri applications
- Solar hybrid systems updates
- Regulatory challenges & Future prospects for Solar
- Identifying Technical hurdles during implementation.
- EPC quality and impact on plant performance
- Ultra low project bids and impact on EPC and O&M service providers
- Performance evaluation of installed projects in UAE
- Use of drones and other technologies in O&M delivery
- Importance of equipment quality in plant operation and performance
- Advanced technologies for Solar O&M in UAE:
The discussion will focus on new and up-coming technologies that have made or have the potential to make an impact in O&M

★ **Panelists-**

- 1) Mr. L K Verma, Founder & Managing Director – Power n Sun
- 2) Mr. Marwan, Middle East region sales Director – JA Solar Technology Co. Ltd.
- 3) Mr. DIAA EED, Director – Strategic Business – Sungrow Middle East DMCC
- 4) Mr. Karel De Winter, Manager Floating PV – Phelan Energy Group
- 5) Mr. Krishan Kumar Sharma, VP-APAC - Solar Space
- 6) Mr. Rishabh Bhardwaj, Co-Founder - Enray Solutions LLP

18:00- 18:30 Networking: Tea/Coffee