



PHOTOVOLTAIC & STORAGE
CONFERENCE & EXPO

CONFERENCE AGENDA

14-16 November 2023
ICE, BSD, Indonesia

Presented by:



In Association with:



Supporting partners:



Indonesia, situated along the equator, boasts vast untapped potential for solar energy generation, with an estimated daily average electricity potential of 112,000 GW. As part of its commitment to sustainable energy, the Indonesian government has set an ambitious target to derive 23% of its total electricity output from renewable sources by 2025. Furthermore, Indonesia is poised to generate a projected 798 GW of solar energy by 2030, with photovoltaic (PV) installations contributing significantly to this goal.

The solar energy sector is experiencing exponential growth, presenting numerous opportunities across ASEAN countries, which have made significant strides in recent years. Solar energy not only promises reduced long-term electricity costs but also offers an environmentally friendly alternative to traditional energy production methods. We firmly believe that a conference themed **"Building a Sustainable Indonesia with Solar Innovation and Energy Storage"** holds significant relevance. This event will shed light on how solar energy can strategically contribute to economic growth, job creation, and investment opportunities, all while playing a pivotal role in environmental preservation. Investments in solar PV technology remain essential throughout the energy transition, and a promising future is on the horizon as photovoltaic costs decrease and industry reforms enhance the business case.

This conference will serve as a congregation of distinguished experts, industry leaders, policy makers, and stakeholders from the entire solar and energy storage value chain. It promises to deliver comprehensive insights into the latest advancements and technologies propelling Indonesia's energy transition towards cleaner, renewable sources through solar power and energy storage. Furthermore, this conference will facilitate a deeper understanding of the government's commitment to increasing the share of renewable energy to 23% by 2025.

The two-day ASEAN Energy Summit will kick off with insights from regional policymakers, with the ASEAN Policy and Market Outlook featured prominently on Day 1. Attendees can expect discussions on the vital transition from coal to renewables, exploring the dynamic landscape of financing renewables in the ASEAN region.

On Day 2, the focus shifts to sustainable energy solutions. The market outlook ASEAN will offer a comprehensive view of market trends and opportunities, while attention will be given to innovative technologies such as Floating Solar and Off-Grid Systems. The summit will also delve into cutting-edge Energy Storage Solutions, underlining the pivotal role of innovation and connectivity in driving the sustainable growth of the ASEAN energy sector. This event promises to be a crucial gathering for industry leaders and stakeholders shaping the future of energy in the ASEAN region.

DAY 1 – TUESDAY, 14 NOVEMBER 2023
GARUDA MAIN HALL 1, ICE, BSD
ASEAN POLICY AND MARKET OUTLOOK

11:00-11:30	Keynote Adress: “ASEAN's Commitment to Photovoltaic Development: Policy and Regulatory Overview” <ul style="list-style-type: none"> Monika Merdekawati, Research Analyst, ASEAN Centre for Energy (ACE)
11:30-12:30	Panel Discussion: “Navigating ASEAN's Photovoltaic Policy and Regulatory Landscape” Panelist: <ul style="list-style-type: none"> Yudo Dwinanda, Director General of New and Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resources* Wiluyo Kusdwiarto, Director of Project Management and New Renewable Energy, PT PLN (Persero) Senior Representative, Asia Pacific Photovoltaic Industry Association (APVIA) Ananto Wardono, Green Energy Development Director, Tripatra* Febriany, President Director, PT Vale Indonesia Tbk* Adam Adiwinata, Consultant, International Renewable Energy Agency (IRENA)* Moderator: <ul style="list-style-type: none"> Senior Representative, Indonesian Solar Energy Association (ISEA)/ AESI
12:30 – 13:30	Lunch break

COAL TRANSITION TO RENEWABLES

13:30-14:00	Keynote Adress: “Unlocking Economic Opportunities in the Coal Transition to Renewables” <ul style="list-style-type: none"> Dr. Ir. Bambang Hendroyono, M.M., Secretary General, Ministry of Environment and Forestry*
14:00-15:00	Panel Discussion: “Cost Efficiency and Economic Benefits of PV and Storage in Coal Transition” Panelist: <ul style="list-style-type: none"> Arya Rezavidi, Vice Chairman of Board Expert, Indonesian Renewable Energy Society (IRES)/ METI Arsal Ismail, President Director, PT Bukit Asam Tbk* Adrian Li, Founder & Managing Partner, AC Ventures* Fachry Frisandi, Principal, Boston Consulting Group Deon Arinaldo, Program Manager Energy Transformation, IESR Senior Representative, Tropical Renewable Energy Center (TREC)* Alexander Stefanus Ridwan Suhendra, President Director, PT Pakuwon Jati* Rizaldi Indra, Business Development Manager, Berkeley Energy Commercial Industrial Solutions (BECIS)

	<p>Moderator:</p> <ul style="list-style-type: none"> • Indah Budiani, Executive Director, Indonesia Business Council for Sustainable Development (IBCSA)*
15:00-15:30	<p>Case Study Presentation: "Monetizing Renewable Assets: A Model for Creating Value in Coal Transition"</p> <ul style="list-style-type: none"> • Riza Suarga, Chairman, Indonesian Carbon Trading Association (IDCTA) • Ruchika Saluja, Office of Public Private Partnership, Asian Development Bank (ADB)*

FINANCING RENEWABLES

15:30-16:00	<p>Keynote Address: "Innovative Approaches to Financing Renewable Energy Projects"</p> <ul style="list-style-type: none"> • Marko Lackovic, Managing Director & Partner, Boston Consulting Group
16:00-17:00	<p>Panel Discussion: "Exploring Effective Financing Models for Photovoltaic and Storage Projects"</p> <p>Panelist:</p> <ul style="list-style-type: none"> • Drs. Sumedi Andono Mulyo, MA, Ph.D, Director for National Priority Infrastructure Projects Development and Planning (P3IPN), Deputy for Facilities and Infrastructure, BAPPENAS* • Pradana Murti, Director of Risk Management, PT Sarana Multi Infrastruktur (PT SMI) • Senior Representative, Indonesian Solar Energy Association (ISEA)/ AESI • Senior Representative, Tropical Renewable Energy Center (TREC) • Garibaldi Thohir, President Director, PT Adaro Energy Indonesia* • Eka Julyanto, Co Founder & Director, PT. Syntegra Solar Indonesia* <p>Moderator:</p> <ul style="list-style-type: none"> • Dr. Poempida Hidayatulloh, Vice Chairman, Indonesian Carbon Trading Association (IDCTA)
17:00-17:30	<p>Case Study Presentation: "Securing Funding for a Transformative Photovoltaic Project: Lessons Learned"</p> <ul style="list-style-type: none"> • Dr. Ahmad Subhan, S,IP, M.Si, Head of the Economy and Natural Resources Division, Bappeda Jambi* • Michael William P. Soeryadjaya, President Director, Saratoga Investama* • Dr. Guido Agostinelli, Sector Head for Solar Energy in the Global Energy Infrastructure Team, International Finance Corporation (IFC)*

DAY 2 – WEDNESDAY, 15 NOVEMBER 2023
GARUDA MAIN HALL 1, ICE, BSD
MARKET OUTLOOK

10:00-10:30	Case Study Presentation: “ASEAN Photovoltaic Market Forecast and Future Prospects” <ul style="list-style-type: none"> • Monika Merdekawati, Research Analyst, ASEAN Centre for Energy (ACE) • Davis Chong, President, Malaysia Photovoltaic Industry Association (MPIA)*
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FLOATING SOLAR

10:30-11:00	Keynote Adress: "The Future of Solar Energy on Water: Floating Solar Innovations" <ul style="list-style-type: none"> • Yudo Dwinanda, Director General of New and Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resources*
11:00-12:30	Panel Discussion: “Navigating the Potential of Floating Solar Photovoltaics with Energy Storage” Panelist: <ul style="list-style-type: none"> • Muhamad Reza, Director of Business & Commercial Development, PT PLN Nusantara Power* • Gunadi, Director Operations II, PT Hutama Karya* • Dr.-Ing Eko Adhi Setiawan, Director, Tropical Renewable Energy Center (TREC) • Tetchi Capellan, Chairperson, Philippine Solar and Storage Energy Alliance (PSSEA) • Prof. Armin Aberle, CEO, Solar Energy Research Institute of Singapore (SERIS)* Moderator: <ul style="list-style-type: none"> • Damy Kesatria Nugraha, Vice President, Marsh*
12:30-13:30	Lunch break

OFF GRID SYSTEMS

13.30 - 14.00	Keynote Adress: "Off-Grid Energy Solutions for Remote Areas" <ul style="list-style-type: none"> • Rachmat Kaimuddin, Deputy Minister of the Coordinating, Ministry for Maritime Affairs and Investment* • Wiluyo Kusdiharto, Director of Project Management and New Renewable Energy, PT PLN (Persero)
14:00 -15:00	Panel Discussion: "Innovations in Off-Grid Photovoltaic Systems and Storage“ Panelist: <ul style="list-style-type: none"> • Linus A.M Sijabat, Chairman, Indonesian Solar Module Manufacturers Association (APAMSI) • Dr. Zainal Arifin, Head of Renewable Energy Mobility Development Division, Indonesian Renewable Energy Society (IRES)/METI

	<ul style="list-style-type: none"> • Muhamad Reza, Director of Business & Commercial Development, PT PLN Nusantara Power* • Lynn Ramli, President Director, Bussan Auto Finance* <p>Moderator:</p> <ul style="list-style-type: none"> • Senior Representative, Tropical Renewable Energy Centre (TREC)*
15:00 -15:30	<p>Case Study Presentation: "Empowering Remote Communities with Off-Grid Solar Microgrids"</p> <ul style="list-style-type: none"> • Harum Akhmad Zuhdi, Director Operations II, PT Wijaya Karya (WIKA)*

ENERGY STORAGE SOLUTIONS

15.30 - 16.00	<p>Keynote Adress: "Empowering Energy Storage: Unleashing the Potential of Photovoltaic and Storage Integration"</p> <ul style="list-style-type: none"> • Yudo Dwinanda, Director General of New and Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resources* • Wiluyo Kusdiharto, Director of Project Management and New Renewable Energy, PT PLN (Persero)
16:00 -17:00	<p>Panel Discussion: "Innovations and Applications of Energy Storage in Photovoltaic Systems "</p> <p>Panelist:</p> <ul style="list-style-type: none"> • Andriah Feby Misna, Director of Various New Renewable Energies, Directorate General of New and Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resources • Dr. Oo Abdul Rosyid, Senior Principal Engineer, National Research and Innovation Agency (BRIN) • Andhika Prastawa, Member of the Expert Council, Indonesia, Energy Conservation and Efficiency Society (IECES)/ MASKEEI • Linus A.M Sijabat, Chairman, Indonesian Solar Module Manufacturers Association (APAMSI) • Senior Representative, Tropical Renewable Energy Center (TREC)* <p>Moderator:</p> <ul style="list-style-type: none"> • Bambang Sumaryo, Deputy General Chairperson for Policy and Regulation, Technology and Solar Industry Development, Indonesian Solar Energy Association (AESI)
17.00 - 17.30	<p>Case Study: "Enhancing Energy Resilience: Integrating Storage in a Large-Scale Photovoltaic Project"</p> <ul style="list-style-type: none"> • Dr. Gigih Udi Atmo, Director for Energy Conservation, Ministry of Energy and Mineral Resources* • KC Sevilleja, Executive Assistant to Chief Commercial Officer, MERALCO*

DAY 3 – THURSDAY, 16 NOVEMBER 2023
GARUDA MAIN HALL 1, ICE, BSD
PVS ASEAN SUPPORTING PARTNER WORKSHOP – APEKSI
THE STRATEGY OF ELECTRICITY DISTRIBUTION IN ALL URBAN AREAS WITH SOLAR ENERGY

Energy is a crucial aspect of development and community well-being. In Indonesia, there are still many areas that lack adequate access to electricity. This limited access hinders the potential for economic development, education, healthcare, and the daily lives of the people.

Solar energy, as a clean and sustainable source of energy, has become an increasingly popular solution in the effort to provide equitable access to electricity across the country. The abundant sunshine in Indonesia provides a significant opportunity to harness photovoltaic technology to deliver reliable and affordable electricity.

This workshop is organized as part of the collaborative efforts between PVS and APEKSI to support the development of strategies for equitable access to electricity in urban areas throughout Indonesia, with solar energy as the primary solution.

- Discussing the challenges and opportunities in implementing solar energy for electricity distribution.
- Analyzing the solar energy potential in Indonesia, along with the latest technologies and applications.
- Identifying frameworks and strategic steps that stakeholders can take to adapt to solar energy.
- Identifying opportunities and potential in harnessing solar energy.
- Promoting collaboration among local governments, non-profit organizations, the private sector, and communities to achieve equitable electricity distribution goals.
- Sharing knowledge, experiences, and best practices from successful solar energy-powered electricity distribution projects in Indonesia.

09.30 - 10.00	Registration
10.00 - 10.10	Opening I (PVS ASEAN)
10.10 - 11.20	Opening II (Apeksi)
10.20 - 11.00	Panel Discussion:
11.00 - 11.10	Case Study 1: Representative of city government that has successfully implemented the use of solar energy
11.10 - 11.20	Case Study 2: Representative of city government that has successfully implemented the use of solar energy
11.20 - 11.30	Summary and closing

**Agenda updated as per-5th October 2023*