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An integrated view of global renewable and conventional power data and insights across projects, technologies and markets. Hydrogen. Maximise investment opportunities across the hydrogen, ammonia and methanol value chain. Asia Pacific energy outlook: surging power or lacking charge? Opinion 22 September 2022 Risk and reward for renewables



The Asia-Pacific region (APAC), responsible for more than half of global energy consumption, has enacted a large number of energy policies over the past two decades, but progress on the energy



Energy transition is also linked, in certain countries, by having manufacturing champions move from traditional thermal energy and even nuclear energy, to renewable energy. Japan's TEPCO Renewable Power, part of Tokyo Electric Power Company Holdings, for instance, has plans to invest approximately USD9-19 billion to develop 6-7 gigawatts (GW)



The Asia-Pacific renewable energy market had total revenues of \$228.1 billion in 2022, representing a compound annual growth rate (CAGR) of 9.2% between 2017 and 2022. Market production volume increased with a CAGR of 9.7% between 2017 and 2022, to reach a total of 3,869,187.8 GWh in 2022.



A Department representative serves as the Lead Shepherd of the Asia-Pacific Economic Cooperation (APEC) Energy Working Group, which supports regional energy programming. Secretary Granholm will host the first APEC Energy Ministers meeting since 2015 in August 2023 in Seattle as part of the United States' APEC host year.



To double the renewable energy share in the APEC energy mix by 2030 (relative to 2010) By 2019, APEC -wide energy intensity had improved by 25.1%, leaving an additional 19.9% improvement needed to meet the 2035 goal. Asia Pacific Energy Research Centre . Association of South-east Asian Nations . barrels per day . billion cubic feet



Renewable energy accounts for only 17 per cent of the total energy supply. Fuel imports cost the region US\$6 billion annually, or around 5 to 15 per cent of GDP for each economy. This is an enormous economic burden. (Data source: World Health Organization, via the Asia Pacific Energy Portal. Data was unavailable for New Caledonia, Northern



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Accelerate the move to clean energy with low-carbon intelligence connecting assets, markets, and companies. Currently, renewable power costs in Asia Pacific are about 16% more expensive on average compared to fossil fuel power costs over the project lifetime. India, China and Australia are the top three leaders with renewable power being



We're a founding member of the Asia Clean Energy Coalition (ACEC), which brings together energy buyers, suppliers, and policymakers to help improve the policy and regulatory environment for corporate renewable electricity purchasing. Coalitions like ACEC are essential to drive the system-level transformation required for a carbon-free future



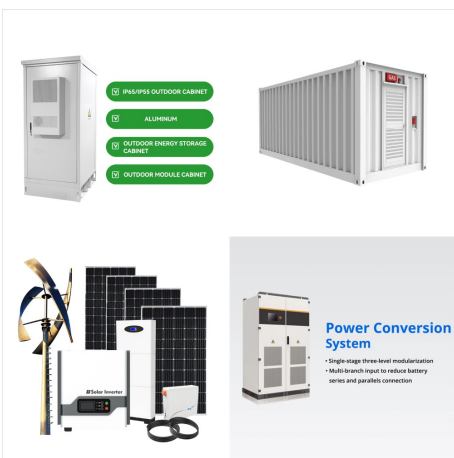
This article seeks to analyze the impact of technological innovations, financial development, renewable energy consumption, economic growth, and population on the ecological footprint in Asia Pacific Economic Cooperation (APEC) countries by utilizing the balanced longitudinal data set during the period from 1990 to 2017. This study creates a new ???



Asia-Pacific Power and Renewable Projects Outlook 2024. Sun 03 Dec, 2023 - 10:53 PM ET. The Russia-Ukraine war's pressure on fossil-fuel prices and supply has made governments recognise the urgency of energy security by shifting to renewable power sources. However, stretched fiscal positions may cap financial support provided by the



Asia Pacific's energy transition is progressing with significant investments in renewables, but rising energy demand and reliance on fossil fuels pose challenges to achieving net-zero goals.



Thank you for visiting us at the Asia Pacific Hydrogen 2024 summit. ARENA's hydrogen projects. We support projects that advance renewable energy technologies along the innovation chain: from early stage research in the lab, to ???



The Asia and the Pacific Renewable Energy Status Report is produced in cooperation with the Renewable Energy Policy Network for the 21st Century (REN21) and the Asian Development Bank (ADB). The report was launched on 22 October 2019 as a key input to the 8th International Renewable Energy Conference Seoul 2019 (Seoul 2019).



According to Asia-Pacific Research and Training Network on Trade [11], trade facilitation has become widely recognized as a vital portion of regional and multilateral efforts to promote trade integration. Developing countries probably have more to benefit from trade facilitation than initially thought. More renewable energy must be used in



New and Renewable Energy Technologies (EGNRET) As well as one task force: Energy Resiliency Task Force (ER-TF) Research bodies. Two subsidiary research bodies further support the EWG: Asia Pacific Energy Research Centre (APERC) ??? established in July 1996 in Tokyo, in accordance with the Osaka Action Agenda adopted by APEC Economic Leaders in



2. New technologies and business models will be key to Asia Pacific's energy transition. Adoption of energy transition tech will be transformational. For instance, in our base case Asia Pacific electric vehicle (EV) stock rises from 24 million cars today to 635 million units by 2050. An additional 30% growth in stock is projected in the



In Proceedings of the Asia Pacific Solar Research Conference (Australian PV Institute, Betzold, C. Fuelling the Pacific: aid for renewable energy across Pacific Island countries. Renew. Sustain.



Asia Pacific investments in renewable energy generation by 2030 may double to \$1.3 trillion from the previous decade, dwarfing fossil fuel power expenditures that are expected to drop by about 25%



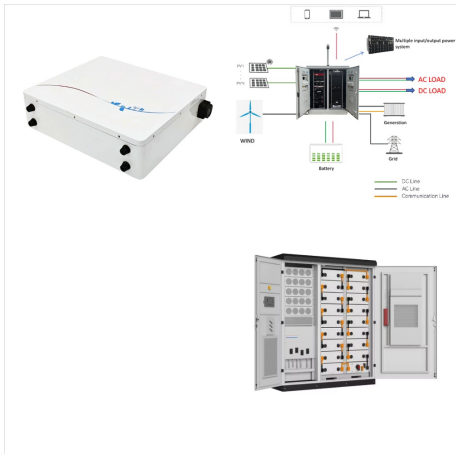
We are one of the largest independent renewable energy companies in the Asia Pacific region with 593MW of jointly owned assets in operation and construction, and +10GW of assets in development. UPC Renewables, established in 1995 and active in Asia since 2006, operates 9 offices in 8 countries throughout the Asia Pacific region.



Sustainable Development Goal 7 (SDG 7) targets universal access to energy, an increased share of renewable energy in the global energy mix, and doubling the rate of energy efficiency improvement. While the Asia-Pacific region has made considerable progress in meeting SDG 7 targets, much more work needs to be done if the region is to achieve the



This report takes stock of the ongoing experiences related to gender-responsive renewable energy programmes as well as the consolidated wealth of knowledge and lessons learned in this field. Although a number of gender-inclusive renewable energy-based programmes do exist and are documented individually, they are scattered across regions.



in renewable energy policy in Asia-Pacific? The current level of gender mainstreaming in renewable energy policy in Asia and the Pacific is low. A number of countries have specific green growth or renewable energy policies, roadmaps and strategies while others include renewable energy within broader energy and power policy documents.



Purpose of Review As the renewable energy share grows towards CO2 emission reduction by 2050 and decarbonized society, it is crucial to evaluate and analyze the technical and economic feasibility of solar energy. Because concentrating solar power (CSP) and solar photovoltaics (PV)-integrated CSP (CSP-PV) capacity is rapidly increasing in the Asia/Pacific ???



Home to half of the world's population and contributing a third to the global GDP, the Asia Pacific region is expected to maintain a 50% share of global primary energy demand and a 60% share of global carbon emissions until 2050.



Asia & the Pacific Policy Studies is a public policy journal focused on economics, political science, governance & more in Australia, the adoption of renewable energy in Southeast Asia appears insufficient. It is projected to reach only 14.4% of Total Primary Energy Supply by 2025, falling short of the 23% target (ACE, 2022). Accelerating



We are pleased to launch the fifth edition of the Asia Pacific Renewable Energy Insights covering the key regulatory, policy and market developments in all key markets in APAC at a time when global energy markets are facing unprecedented challenges.. Geopolitical hostilities, supply constraints at a time of rebounding energy demands post covid-19 and other ???



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