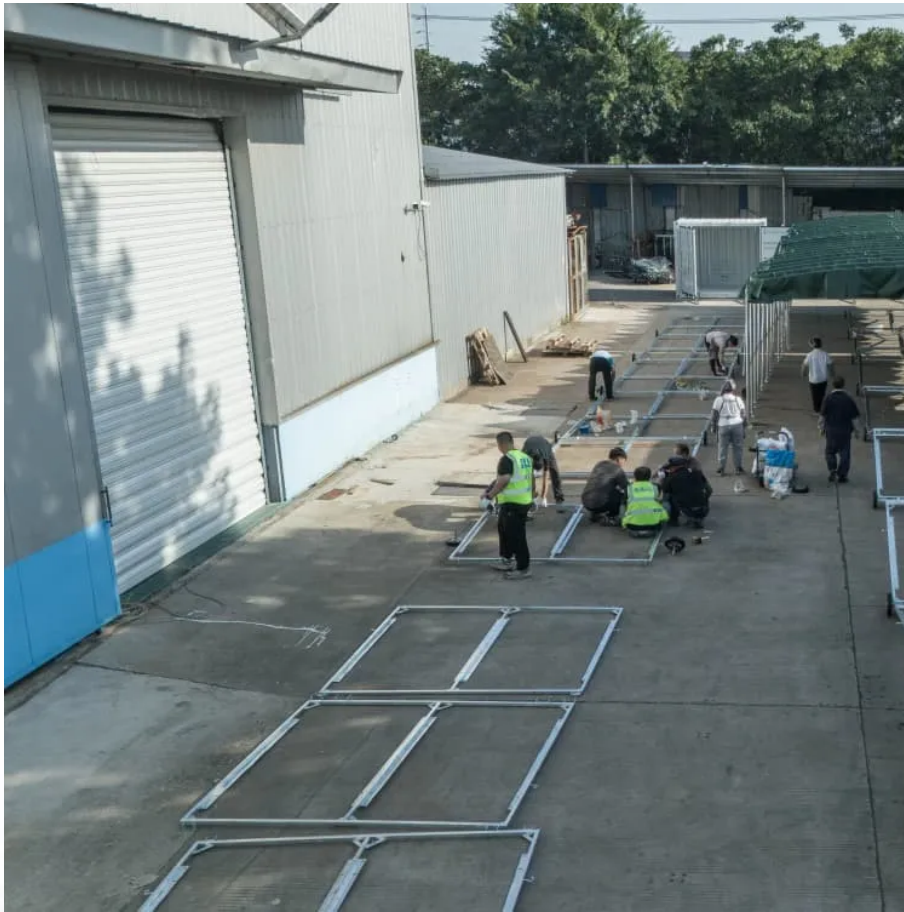


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Asia Energy Storage Power Supply Procurement



Overview

Does APAC need Clean Power Procurement?

While clean power procurement has grown across APAC in recent years, existing policies and market regulations continue to restrict access to affordable clean energy and constrain expansion of renewable energy supply. , said, “Demand for clean power procurement in APAC already far outstrips available supply.

Which renewable procurement options are most impactful in APAC?

Thus, while PPAs are impactful, they remain among the most complex renewable procurement options in APAC. Unbundled RECs (Renewable Energy Credits): RECs offer a flexible, straightforward way to meet clean energy goals in APAC, but face questions regarding real impact. A key issue is additionality.

Can the ASEAN Power Grid help decarbonize Southeast Asia?

In Northeast Asia, both geography and geopolitics makes such efforts more challenging. The realization of the long-awaited ASEAN Power Grid can both accelerate and lower the cost of decarbonization of Southeast Asia, as detailed in this report by Asia Clean Energy Coalition.

Are variable renewables a viable option for Southeast Asian power systems?

Southeast Asian power systems have been expanded significantly over the past decades to meet rapid increases in electricity demand and provide reliable services to growing customer bases. Despite the notable successes in system expansion, the rollout of variable renewables has fallen behind other regions and remains below potential.

How much power does Southeast Asia produce?

Wind and solar power in Southeast Asia contribute less than five percent of total power generation in most of the region’s countries today – with the notable exception of Viet Nam, where this share surpassed 13 percent in

2023.

What is the outlook for renewables in Southeast Asia?

While deployment has been limited to date, the outlook for renewables in Southeast Asia is shifting. Re-newables, driven by wind and solar, account for most of the planned capacity additions in all four countries of focus. Their share is slated to increase further as system planners continue to update power supply plans.

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