Title: **Pathways for utility Solar PV power to achieve steady growth in South East Asia in this decade**

With its strong energy demand continue far into the energy transition decade of the 2020s, the appropriate decisions and directions can make South East Asia (SEA) a strong market of renewable energy in general and solar PV in particular for years to come. In recent time, solar PV has achieved very strong growth across SEA as a result of FiT policies, with multiple markets such as Thailand and Vietnam becoming gigawatt-scale in a short time. As the solar industry in the region matures, new strategy needs to be carefully selected to maintain a steady growth. Auction results from Malaysia and Cambodia shows promising indications while the upcoming implementation of Renewable Portfolio Standards in Philippines will be interesting to monitor. Market trend has started to indicate the emergence of some regional majors in renewables, mainly from Thailand and Philippines, which could hold the keys in the steady growth of solar PV in the region. However, the right landscape in regulations can also encourage international developers to participate and create the healthy competition for the sector. As the world is looking for an energy transition, SEA can be in a prime position to adopt new technologies, especially in floating PV development and solar hydrid power plants, as well as in battery storage, which is still in an infancy stage in SEA. This study presents a review of the region’s renewable energy landscape and the challenges in order to determine potential pathways for utility solar PV to achieve steady growth in SEA.



Figure - Map of renewable assets in South East Asia by development status



Figure South East Asia utility PV pipeline by countries



Figure Top solar PV developers in SEA

Author: Minh K Le, PhD. – Rystad Energy

Bio: Dr. Minh K Le joined Rystad Energy in 2018 and is responsible for the research and analytics of APAC Renewables Energy, with a focus on South East and East Asia specifically. Dr. Le completed his PhD research in Mechanical Engineering at The University of New South Wales and spent the following 3 years working in engineering and academic research & development in China, Japan and Australia. He has authored articles/papers in highly regarded international peer-reviewed journals & technical publications covering topics ranging from fundamental scientific research to industrial engineering applications.