

Press release

Vietnam, October 22, 2020

Successful commissioning of Power Substation for Solar Power Plant in Vietnam

- A 500kV power substation as part of the 450MW solar power plant has been successfully energized in Ninh Thuan province, Vietnam
- The commissioning was a remarkable feat delivered under a very tight timeline amidst CoVid-19 restrictions and quarantine
- The developing province's power transmission system and surrounding areas will now benefit from this infrastructure to help shore up abundant renewable energy projects

In Thuan Nam district of Ninh Thuan province, Vietnam, households and businesses now receive a boost in power transmission following the successful commissioning and energization of a 500kV power substation. The substation consists of 500kV power transformers, circuit breakers, instrument transformers, coils and distribution transformers - all supplied by Siemens Energy. The power transformers are the Sensformer® units, which, fitted with connectivity and intelligence, offer access to real-time digital data for optimized operation.

This commissioning had proven to be a remarkable feat by the local Siemens Energy project team having accomplished it within an extremely tight timeline in order to meet the Feed-in-Tariff (FiT) deadline, as well as under extraordinary circumstances of the prevailing COVID-19 situation. Remote approaches had to be deployed via video conferencing, while a technical specialist was also mobilized to Vietnam to provide support.

The project was urgently needed for the grid development in Ninh Thuan province and its surrounding areas, as the transformer banks can transmit enough energy to electrify two provinces and cities. The substation will crucially support electricity generated by a 450MW solar power plant located nearby in

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Quan The Village of the mentioned Thuan Nam district, built by the customer, Trung Nam Group.

Mr. Nguyen Tam Tien, CEO of Trung Nam Group, comments on the great efforts that led to the completion and commissioning of the project: “This is an important milestone because we are unlocking more than 1 billion kWh of potential energy from renewable sources alone. In addition, this project helps to integrate power from the South Central Coastal grid, and also from abundant renewable energy sources in Ninh Thuan and Binh Thuan provinces. It helps to efficiently use surplus energy generated from existing renewable power plants, which could otherwise be damaging and substantially costly for the plant owners.

He continues: “Thanks to this project’s success, we are looking forward to building more plants in future that will contribute to reinforcing Vietnam’s energy security and create positive impact on our national economy. This is in line with the vision in the Resolution 55 of the Vietnam Communist Party Politburo. I’d like to express my appreciation for the whole team and Siemens Energy for being a trusted and reliable partner in supporting the development of our renewable power sources and power transmission infrastructure, and for this timely delivery that exceeded the expectations.”

Head of Transmission Products and Systems Asia Pacific Hub, Mr. Steve Loo explained what makes this project even more outstanding is having to overcome many challenges that were thrown upon the team. “The health and safety of our employees are of utmost importance for us. Thus, the team had to operate under special precautions to protect everybody against COVID-19. We are thankful that everything worked out well.”

“I would like to express my high appreciation for the local Vietnam team and all factories involved who have worked tremendously hard to ensure the project’s success. We are extremely proud of the team’s achievement that will certainly augur well for future collaborations with the customer,” he said.

This press release is available at <https://bit.ly/35OVUD1>

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