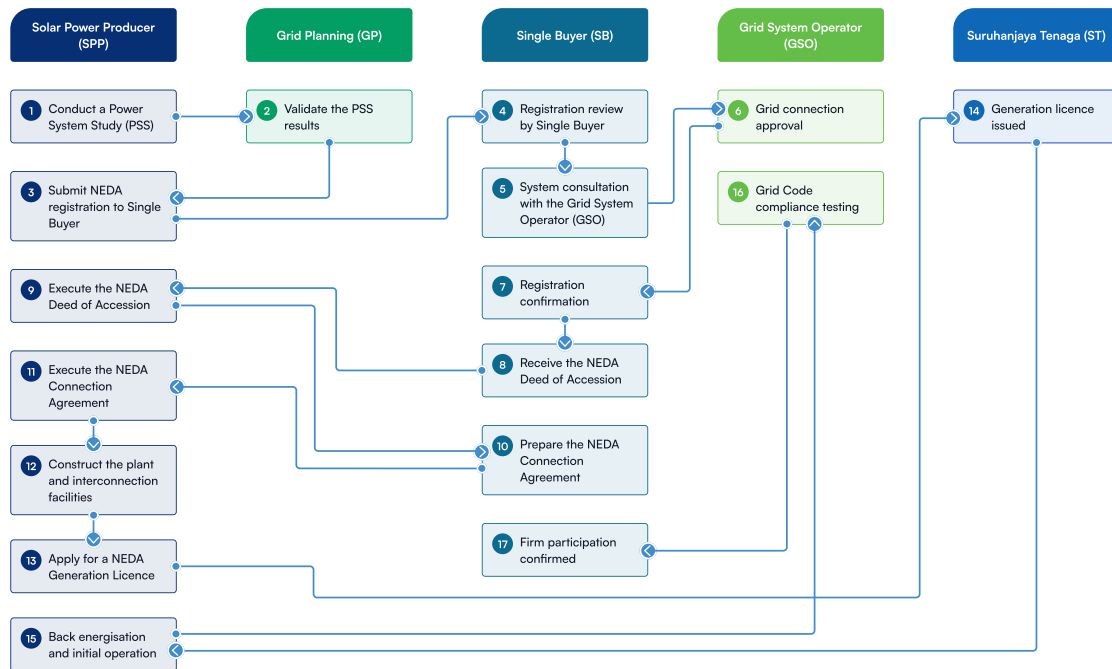


NEDA Registration Process: **Transmission-Connected**



Phase 1: Assess Grid Impact

Step 1 of 17

Conduct a Power System Study (PSS)

To begin, the solar power producer appoints a qualified consultant to carry out a Power System Study. This study assesses how the proposed plant will affect the transmission system and confirms whether the grid can safely support the connection.

Step 2 of 17

Validate the PSS results

The completed study is reviewed by Grid Planning to confirm that all technical, performance, and reliability requirements are met. Validation at this stage is required before the registration process can proceed.

Phase 2: Register with Single Buyer

Step 3 of 17

Submit NEDA registration to Single Buyer

Once the study is validated, the solar power producer submits the NEDA Registration Form together with the required technical and corporate documents to Single Buyer.

Important: This submission must be made within six (6) months from the date of offer acceptance.

Step 4 of 17

Registration review by Single Buyer

Single Buyer reviews the submission to ensure the information is complete, accurate, and compliant with NEDA requirements. Where necessary, clarification or additional information may be requested.

Phase 3: System Confirmation

Step 5 of 17

System consultation with the Grid System Operator (GSO)

Single Buyer consults the Grid System Operator to assess system readiness and the operational implications of integrating the proposed generating facility into the transmission network.

Step 6 of 17

Grid connection approval

Following this consultation, the Grid System Operator confirms whether the transmission system can accommodate the new plant without affecting system security or reliability.

Step 7 of 17

Registration confirmation

Upon receiving confirmation, Single Buyer issues a registration verification letter to the solar power producer and formally notifies the Energy Commission (Suruhanjaya Tenaga).

Phase 4: Join the NEDA Market

Step 8 of 17

Receive the NEDA Deed of Accession

Single Buyer provides the NEDA Deed of Accession, which enables the solar power producer to formally accede to the NEDA market framework.

Step 9 of 17

Execute the NEDA Deed of Accession

By executing the deed, the solar power producer confirms acceptance of the NEDA Market Rules and associated obligations.

Step 10 of 17

Prepare the NEDA Connection Agreement

Single Buyer works with Grid Planning to compile the technical and system information required to prepare the NEDA Connection Agreement.

Step 11 of 17

Execute the NEDA Connection Agreement

Once issued, the solar power producer executes the Connection Agreement, formally accepting the technical, operational, and commercial terms governing the grid connection.

Phase 5: Build, Test, and License

Step 12 of 17

Construct the plant and interconnection facilities

The solar power producer constructs the generation plant and all required interconnection facilities in accordance with approved designs and standards.

Step 13 of 17

Apply for a NEDA Generation Licence

Before commencing operations, the solar power producer applies to Suruhanjaya Tenaga for a NEDA Generation Licence.

Step 14 of 17

Generation licence issued

Suruhanjaya Tenaga issues the licence upon satisfaction of regulatory requirements, authorising the plant to generate electricity under NEDA.

Step 15 of 17

Back energisation and initial operation

The plant is energised and connected to the grid for final testing, after which initial operations commence under controlled conditions.

Step 16 of 17

Grid Code compliance testing

Grid Code tests are conducted to confirm that the plant meets all technical and operational requirements.

Phase 6: Start Market Participation

Step 17 of 17

Firm participation confirmed

Single Buyer issues a Notice of Firm Participation Date, confirming that the solar power producer is now an active participant in the NEDA market.