

# LIST OF POTENTIAL 132kV NODES FOR GENERATION CONNECTION SCHEME

In preparing for Virtual Power Purchase Agreement (VPPA) through Corporate Green Power Program (CGPP)

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**Objective** 



- To provide the latest list of potential nodes at 132kV grid system for generation connection scheme
  - The information is to be incorporated in the scheme participation Request for Proposal or any document with regards to CGPP/VPPA

Disclaimer:

The list is based on preliminary assessment & provided as an indication for generation connection scheme i.e., CGPP/VPPA. Any further nodal point proposed will be subjected to the power system study and feasibility/availability with regards to the reliability of the grid system network.

### **General Remarks**



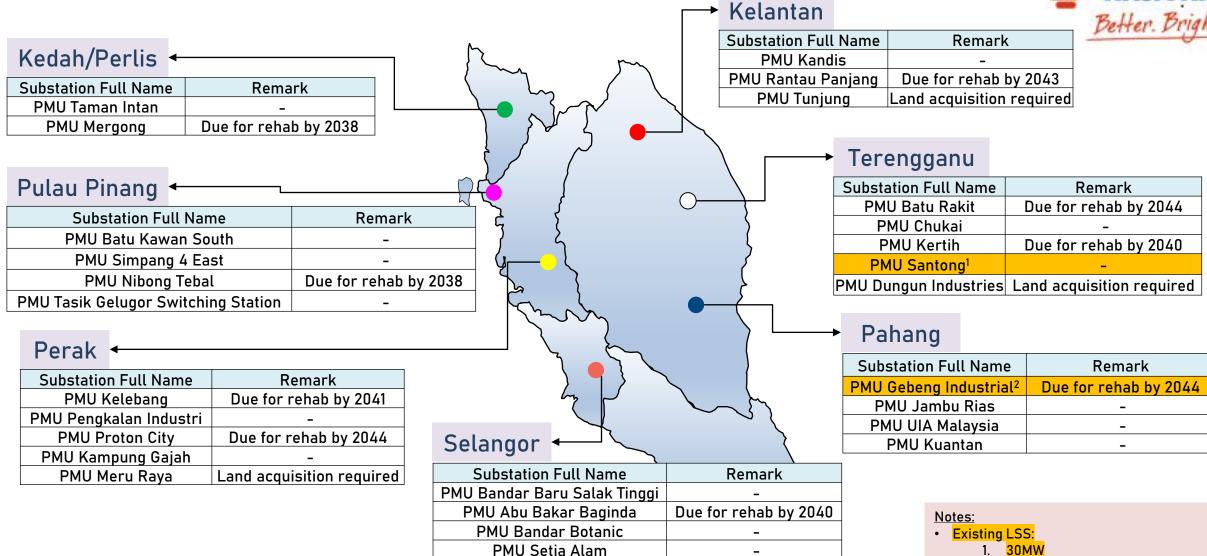
- The list of nodal points provides potential substation for connection based on network & physical availability
  - Due to generation surplus in Southern region, new generation connection is not recommended in Southern region
  - Bidders/Developers are to hold full responsibility & undertake any constraints at the listed substations.
- For security reason, access to the substations is only allowed for successful bidders/developers
  - Bidders/Developers are advised to <u>utilize public & available platform</u> to determine the suitability for connection in term of access, space availability in the control building etc.
- The proposed connection to the nodal points/grid system shall be subjected to power system assessment & respective prudent practice by TNB under purview/ jurisdiction of Grid Owner
- Maximum allowable capacity subjected to PSS for injection at 132kV. If any violation found, the allowable capacity is limited based on the PSS findings.
- It is advisable to have one proposal per one nodal point due to the following reasons:
  - To avoid dispute between SPDs should the allowable capacity is limited
  - To ensure smooth project implementation

#### <u>Notes):</u>

- 1. PSS: Power System Study
- 2. SPD: Solar Power Developer

## List of Potential Nodal Points for Generation Connection Scheme





PMU Ulu Yam

PMU Kota Kemuning

PMU Rasa Industrial

Due for rehab by 2042

Due for rehab by 2038

- 2. <mark>30MW</mark>
- Any proposed injection (i.e., switching station) which not included in the list above shall be assessed by case basis



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