LIST OF POTENTIAL 132kV NODES FOR GENERATION CONNECTION SCHEME

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

Grid Technical Solutions, Grid Planning, Grid Strategy
Grid Division, Tenaga Nasional Berhad

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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 utilize public & available platform 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

Notes):
1. PSS: Power System Study
2. SPD: Solar Power Developer

List of Potential Nodal Points for Generation Connection Scheme

Kedah/Perlis

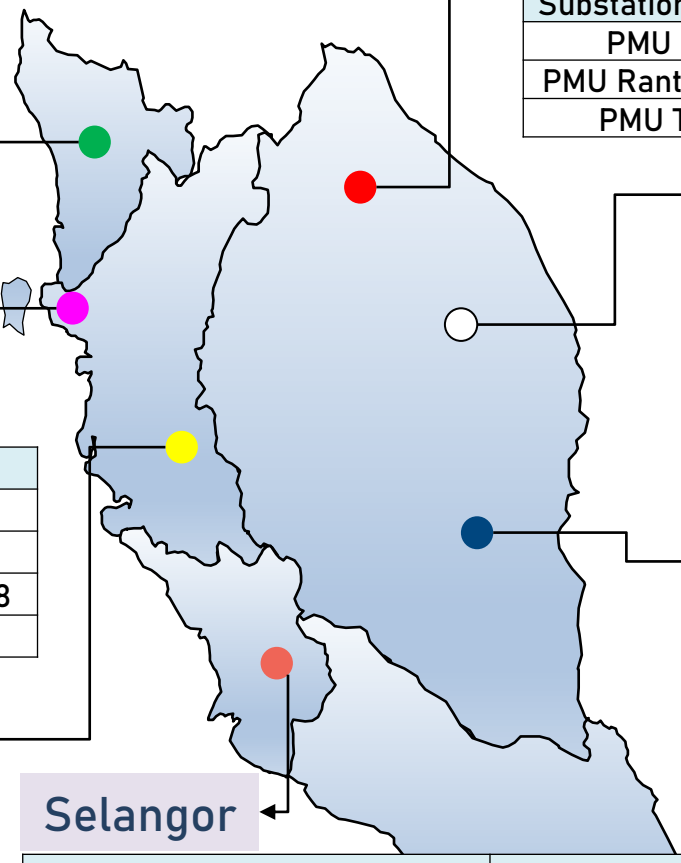
Substation Full Name	Remark
PMU Taman Intan	-
PMU Aman jaya	Due for rehab by 2038
PMU Bukit kayu Hitam	Due for rehab by 2038
PMU Mergong	Due for rehab by 2038
PMU Kuala Ketil[1]	Due for rehab by 2038
PMU Kuala Muda South[2]	Land acquisition required
PMU Guthrie	Land acquisition required

Pulau Pinang

Substation Full Name	Remark
PMU Batu Kawan South	-
PMU Simpang 4 East	-
PMU Nibong Tebal	Due for rehab by 2038
PMU Tasik Gelugor Switching Station	-

Perak

Substation Full Name	Remark
PMU Kelebang	Due for rehab by 2041
PMU Pengkalan Industri	-
PMU Proton City	Due for rehab by 2044
PMU Sri Iskandar	-
PMU Kampung Gajah	-
PMU Lumut Maritime	Due for rehab by 2044
PMU Teluk Intan East	-
PMU Meru Raya	Land acquisition required



Kelantan

Substation Full Name	Remark
PMU Kandis	-
PMU Rantau Panjang	Due for rehab by 2043
PMU Tunjung	Land acquisition required

Terengganu

Substation Full Name	Remark
PMU Batu Rakit	Due for rehab by 2044
PMU Chukai	-
PMU Kertih	Due for rehab by 2040
PMU Santong[3]	-
PMU Dungun Industries	Land acquisition required

Pahang

Substation Full Name	Remark
PMU Gebeng Industrial[4]	Due for rehab by 2044
PMU Jambu Rias	-
PMU UIA Malaysia	-
PMU Kuantan	-

Selangor

Substation Full Name	Remark
PMU Bandar Baru Salak Tinggi	-
PMU Abu Bakar Baginda	Due for rehab by 2040
PMU Bandar Botanic	-
PMU Setia Alam	-
PMU Ulu Yam	-
PMU Kota Kemuning	Due for rehab by 2042
PMU Rasa Industrial	Due for rehab by 2038

Notes:

- Existing LSS:
  1. 50MW
  2. 91MW
  3. 30MW
  4. 30MW
- Any proposed injection (i.e., switching station) which not included in the list above shall be assessed by case basis

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