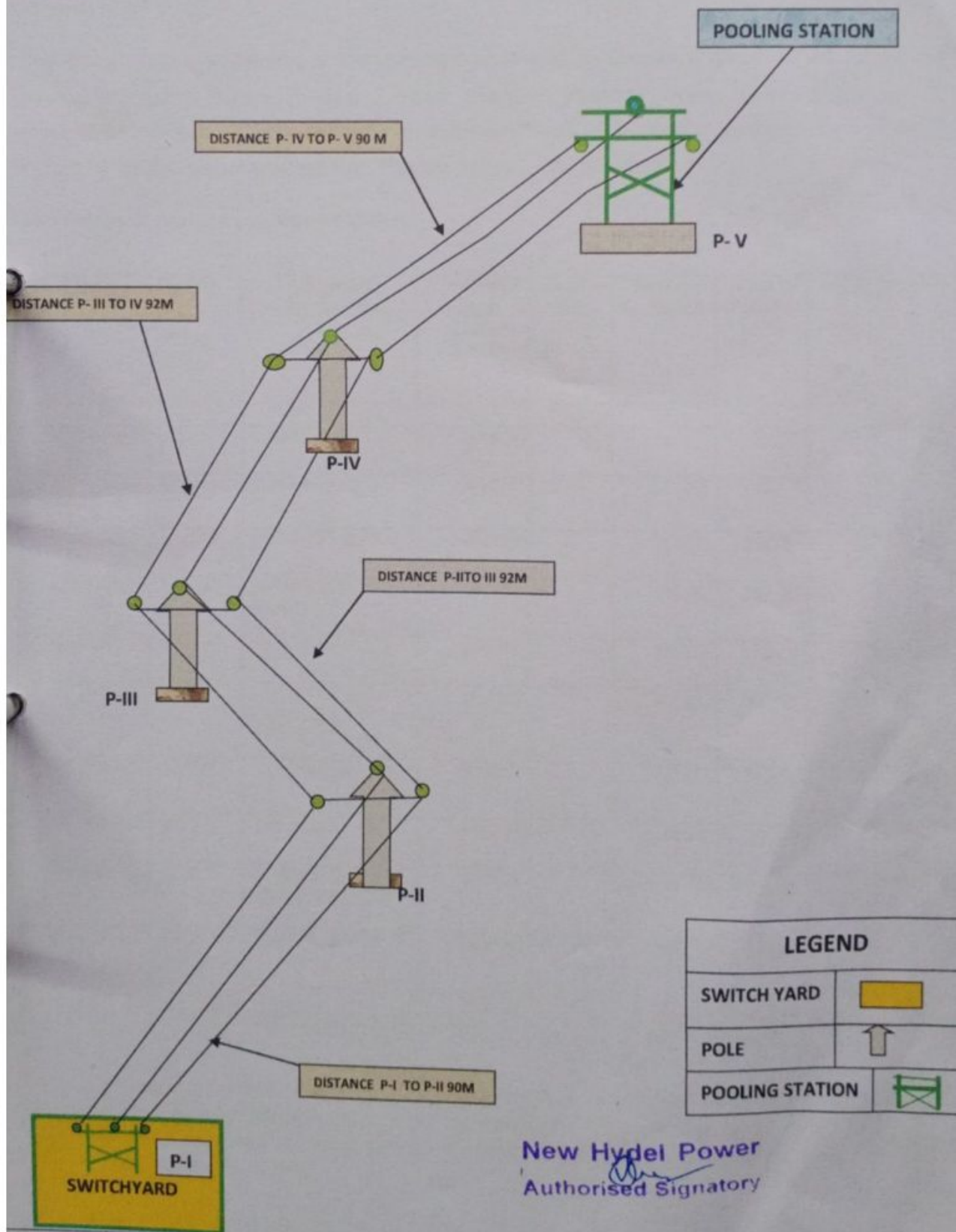


EVACUATION PLAN OF BANUALA BAROOND -II SHEP 0.80MW





HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

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(A Public Undertaking)

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No. 253481 A/2021-22

Dated: / 07 /2021

To

The Superintending Engineer,
Operation Circle,
HPSEBL, Dalhousie.

Subject: Transmission system for evacuation of Power from Bantuala-I SHEP 2MW and Bantuala-II 0.8 MW on 11 kV HT line.

Reference: Your office endorsement no. OCD/AE(W)/3/2019-20-12457 dated 14.02.2020.

Sir,

"Jai Hind",

Please refer to your office endst. No. vide which you have sought the feasibility of the transmission arrangement for Bantuala-I SHEP 2 MW. In this context, it is submitted that as per the intimation received from AE, ESD HPSEBL Tissa, the feasibility report for the said HEP is as follows:

1. The proposed project site is situated in electrical section Nakror under ESD Tissa. The whole area under this section is being fed by 11 kV Tikri feeder emanating from 33/11 kV sub-station Nakror. The total length of the feeder is 86 km including the spur lines. 62 Nos. DTRs of different capacity are installed on the feeder supplying electricity to as many as 3000 consumers. The HT and LT network under this section is scattered and far flung.

2. Being a lengthy distribution feeder, frequent breakdowns/trippings occur on the line. Moreover, routine maintenance works carried out from time to time along with erection of new lines may lead to loss of generation thus causing financial loss to the HEP. Hence, power evacuation through 11 kV feeder will not be feasible. However, power evacuation through 33 kV line is feasible with following submission:

- Power can be evacuated on 11 kV by erecting 11 kV independent feeder from 33/11 kV sub-station Nakror to the power house site at the cost of IPP. Power can also be evacuated through 33 kV by erecting 33 kV Line from power house site to 33/11 kV sub-station Nakror at the cost of IPP.
- For power to be evacuated through independent 33 kV or 11 kV feeder, extension of 33 kV Yard or 11 kV Yard will be required alongwith allied equipments which will be done at the cost of IPP. This is for your kind information and necessary action please.

Yours faithfully,

Sr. Executive Engineer,
Electrical Division, HPSEBL
Chamba.

New Hydel Power

Authorized Signatory