



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II  
Power System Planning & Appraisal Division-II

सेवा में/To

Dr. Rajib Kr. Mishra, CMD,  
PTC India Limited,  
2<sup>nd</sup> Floor, NBCC Tower, 15 Bhikaji Cama Place,  
New Delhi – 110066.

**विषय/Subject: Revision in the Approval of Designated Authority for Import of Power from Basochhu HEP Bhutan for trading on Indian Power Exchanges (Day ahead Market) under Guidelines for Import/Export {Cross Border} of Electricity 2018-reg.**

**संदर्भ/Reference:** (a) PTCIL application dated 21.04.2023  
(b) Designated Authority approval dated 19.07.2023

महोदय/Sir,

1. This has reference to PTC India Limited (PTCIL) application dated 21.04.2023 seeking approval of Designated Authority (DA) for import of up to 62 MW of power from Basochhu Hydropower Plant, Bhutan through PTC in Indian Power Exchange(s) (PX) - Day Ahead Market (DAM).

Key aspects of the proposed transactions are as under:

- a) Quantum proposed: upto 62 MW (Power Exchange- DAM)
  - b) Time period: up to 31<sup>st</sup> May, 2024
  - c) Injection point: Birpara, West Bengal
  - d) Name of the Generating Station: Basochhu Hydro Electric Plant
  - e) Name of the Generating Company: Druk Green Power Corporation Limited (DGPC)
  - f) Location: Rurichhu, Wangdue, Bhutan
  - g) Installed Capacity: 64 MW
2. Designated Authority vide letter dated 19.07.2023 conveyed the approval to PTC India Limited (PTCIL) for import of up to 62 MW of power from Basochhu Hydropower Plant, Bhutan through PTC in Indian Power Exchange(s) (PX) - Day Ahead Market (DAM) up to 31<sup>st</sup> May, 2024
  3. Subsequently, MoP has revised concurrence on the proposal on 21.09.2023.

I/30542/2023

4. Accordingly, in suppression of the previous approval of the Designated Authority dated 19.07.2023, **revised** approval of Designated Authority is hereby conveyed to PTC India Limited (PTCIL) for import of up to 62 MW of power from Basochhu Hydropower Plant, Bhutan through PTC in Indian Power Exchange(s) (PX) - Day Ahead Market (DAM) up to 31<sup>st</sup> May, 2024 subject to the completion of compliance with Deviation Settlement Mechanism (DSM) requirements by Bhutan, by 31.12.2023.

Since implementation of action plan for DSM Compliance will take some time, hence import of power from Basochhu HEP is permitted with interim arrangements as given below:

- i. Interface meters, as specified in Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and amendments thereof, shall be installed at BHEP (L) - Rurichhu 220 kV incoming feeders at Rurichhu and BHEP (U) - Rurichhu 66 kV feeders by Bhutan NLDC. Sum of these meters shall be considered as total generation by Basochhu HEP ( $B_{TG}$ ).
- ii. Schedule of Basochhu HEP at Indian Border to be provided by the Settlement Nodal Agency (SNA) i.e. NVVN to NLDC India ( $B_{Sch}$ ).
- iii. Receipt of power from BHEP at Indian border ( $B_G$ ) shall be calculated by deducting the transmission loss of Bhutan grid (may be considered as 2% as in case of Dagachhu) from total generation of BHEP ( $B_{TG}$ ), as declared by Bhutan NLDC.
- iv. Deviation charges for Basochhu HEP shall be calculated as per CERC Regulations on Schedule ( $B_{Sch}$ ) and Actual receipt ( $B_G$ ) at Indian border.
- v. SNA shall register Basochhu HEP with Eastern Regional Load Despatch Center (ERLDC) for scheduling of transactions as per CERC regulations and settle the Fees and Charges accordingly.
- vi. Deviation and grid related charges shall be settled by SNA, which will be part of Eastern Regional pool.
- vii. The net receipt at India-Bhutan border from Tala and Chukha HEP is calculated by first deducting receipt from Dagachhu HEP and then receipt from Basochhu HEP, as per prevailing practice.
- viii. Real time generation data (MW, MV AR, etc.) and daily energy generation (MWh) of Basochhu HEP shall be made available to NLDC, India.
- ix. Govt. of India reserves the right to import/ export electricity from/ to neighbouring countries for reason of larger policy interests, and same shall be binding on the Participating Entity.
- x. PTCIL and other participating entities, involved in this transaction, shall comply with the applicable Rules/Guidelines/Regulations/Standards of Government of India/CEA/CERC. The grant of approval by the Designated Authority for participation in Import/Export (Cross Border) of Electricity shall not entitle PTCIL any rights or extra privileges over and above the applicable laws.
- xi. The interim arrangement shall be valid up to 31.12.2023 or till the date from which Bhutan starts import of power from India, whichever is earlier. PTC must

I/30542/2023

submit the compliance report to CEA on completion of compliance with DSM compliance by Bhutan for continuation of the transaction beyond 31.12.2023.

भवदीय/Yours faithfully,



(राकेश गोयल/ Rakesh Goyal)

मुख्य अभियन्ता/Chief Engineer and Nodal Officer to the DA

Copy to:

1. Director (Trans.), Ministry of Power, SS Bhawan, New Delhi
2. Member Secretary, ERPC
3. ED, NLDC – To ensure availability of generation data at NLDC, before scheduling.  
Further, NLDC to ensure compliance with DSM requirements, by Bhutan, by 31.12.2023 for continuation of Basochhu transactions after 31.12.2023.
4. CGM, NVVN (as SNA) – for necessary action as per the guidelines
5. US (Bhutan), MEA