

COOPERATION WITH NEIGHBOURING COUNTRIES IN POWER SECTOR

Posted On: 02 APR 2026 3:54PM by PIB Delhi

The Government of India, Ministry of Power, and its Central Public Sector Enterprises (CPSEs) engage with neighbouring countries such as Bhutan, Nepal, Bangladesh, Myanmar, and Sri Lanka to strengthen cooperation in the power sector.

A list of Memoranda of Understanding and agreements executed by the Ministry of Power and its CPSEs with neighbouring entities is placed at Table-1

The details of power generation and cross-border transmission links projects with neighbouring countries are placed at Table-2.

Table-1

List of MoUs/Agreements executed by the Ministry of Power and its CPSEs with neighboring countries

1. Government of the Republic of India and the Government of Nepal for electric interconnections
2. The Government of the Republic of India and the Royal Government of Bhutan for cooperation in energy efficiency
3. Government of the Republic of India and Government of the Democratic Socialist Republic of Sri Lanka
4. The Government of the Republic of India and the Government of the People's Republic of Bangladesh
5. The Government of the Republic of India and the Government of the Republic of the Union of Myanmar
6. NHPC Limited with the Investment Board, Government of Nepal (IBN)
7. NHPC Limited with Vidhyut Utpadan Company Limited (VUCL), Nepal
8. NHPC Limited with MIS Rastriya Prasaran Grid Company Limited(RPGCL), Nepal
9. NTPC Limited with Nepal Electricity Authority
10. NVVN and Nepal Electricity Authority
11. Tripartite Agreement among NEA, NVVN and Bangladesh Power Development Board (BPDB)
12. Power Grid Corporation of India with Nepal Electricity Authority
13. Power Grid Corporation of India with DEPP, Ministry of Electric Power, Myanmar
14. Power Grid Corporation of India with Government of Sri Lanka
15. SJVN Limited with Govt. of Nepal represented by Ministry of Water Resources
16. SJVN Limited with the Investment Board, Government of Nepal (IBN)
17. SJVN Limited with Nepal Electricity Authority Memorandum of Understanding

Table -2

Details of projects with neighbouring countries for power generation:

Country	Sl. No.	Name of the project	I.C. (MW)
Nepal	1	Pokhra	1
	2	Trisuli	21
	3	Western Gandak	15
	4	Devighat	14.1
	5	Arun-3	900
	6	Lower Arun	669
Bhutan	7	Chukha	336
	8	Kurichu	60
	9	Tala	1020
	10	Mangdechhu	720
	11	Punatsangchhu -II	1020
	12	Punatsangchhu-I	1200
Bangladesh	13	Maitree STPP	1320

Details of projects with neighbouring countries for cross-border transmission links:

Country	Sl. No.	Transmission Link
Nepal	1	Muzaffarpur (India) – Dhalkebar (Nepal) 400 kV D/c line
	2	Tanakpur (India) – Mahendranagar(Nepal) 132 kV S/c line
	3	Kataiya (BSPTCL) – Kushaha (Nepal) 132 kV line (3 circuits – one ckt HTLS & two ckts ACSR Panther)
	4	Raxaul (BSPTCL) – Parwanipur (Nepal) line 132 kV line (2 circuits)
	5	Ramnagar (BSPTCL) – Surajpura (Nepal) 132 kV line (1 circuit)
	6	New Nautanwa (Uttar Pradesh) – Mainhiya (Nepal) 132 kV D/c line
	7	Sitamarhi (India)- Dhalkebar (Nepal) 400 kV D/c (Quad Moose) line
	8	Nanpara (India) – Kohalpur (Nepal) 132 kV D/C line
	9	Gorakhpur -New Butwal 400 kV D/c (Quad) line
	10	Dododhara (Nepal) - Bareilly (New) (India) 400 kV (Quad) D/c line
	11	Inaruwa (Nepal) - Purnea (New) (India) 400 kV D/c (Quad) line
	12	Chameliya (Nepal) – Jauljivi (India) 220 kV D/c (Twin Moose) link
	14	Motihari (India) – Nijgad/Harnaiya (Nepal) 400 kV D/c (Quad Moose) line
	14	Lucknow (India) – Kohalpur (Nepal) 400 kV D/c (Quad Moose) line
	15	Reconductoring of Muzaffarpur (India) _ Dhalkebar (Nepal) 400kV D/c line with HTLS Conductor equivalent to Quad Moose

Country	Sl. No.	Transmission Link
Bhutan	16	Tala HEP (Bhutan) – Siliguri (ISTS) 400 kV (3 circuits Twin Moose)
	17	Malbase (Bhutan) – Siliguri (ISTS) 400 kV (1 circuit Twin Moose)
	18	Chukha HEP (Bhutan) – Birpara (ISTS) 220 kV D/c line
	19	Malbase (Bhutan) – Birpara (ISTS) 220 kV S/c line
	20	Gelephu (Bhutan) – Salakati (ISTS) 132 kV S/c line
	21	Motonga (Bhutan) – Rangia (AEGCL, Assam) 132 kV S/c line
	22	Punatsangchu – I HEP (Bhutan) – Alipurduar (ISTS) 400 kV line
	23	Punatsangchu – II HEP (Bhutan) – Alipurduar (ISTS) 400 kV line
	24	Jigmeling (Bhutan) – Alipurduar (ISTS) 400 kV D/c (Quad) line
Bangladesh	25	Baharampur (India) – Bheramara (Bangladesh) 400 kV 2x D/c line (along with 2x500 MW HVDC Back-to-Back terminal at Bheramara)
	26	Surajmaninagar (TPTL, Tripura) – Comilla (Bangladesh) 400kV D/c radial interconnection (operated at 132kV)
	27	Katihar (India) - Parbotipur (Bangladesh) - Bornagar (India) 765 kV D/c line
Myanmar	28	Tamu (Myanmar) – Moreh (Manipur, India)
	29	Imphal (India) – Tamu (Myanmar) 400 kV D/c line with 500 MW HVDC back-to-back terminal at Tamu (in 1 st phase), along with Tamu (Myanmar) – Kaley (Myanmar) 230 kV D/c line
Sri Lanka	30	New Madurai (India) and Mannar (Sri Lanka) 1000 MW VSC HVDC Bipole line

This Information was given by The Minister of State in the Ministry Of Power, Shri Shripad Naik, in a written reply in the Lok Sabha today.

NR/MD

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