

## **Cross Border Electricity Trading and Multi-Country Trade in BBIN Region**

**India and Bangladesh:** HVDC back-to-back transmission link grid interconnection between Baharampur, India and Bheramara, Bangladesh established in Sep.'13 was the beginning of new era in BBIN region. The capacity of this link is 1000 MW. Bangladesh Power Development Board (BPDB) buys power from various entities of India under long / medium / short term arrangements.

There is one more Inter-country 400 kV transmission (charged at 132kV) between India-Bangladesh from Surajmanipur, Tripura (India) and Comilla, Bangladesh. This line carries (160 MW +20%) MW power from Tripura to Bangladesh.

**India and Nepal:** Nepal was radially connected with India at various places through 11kV, 33kV and 132kV lines. About 150 MW of power is being exchanged through these interconnections in radial mode.

But with the commissioning of Muzaffarpur (India) – Dhalkebar (Nepal) 400kV AC D/C link in 2016 was the beginning of transfer of bulk supply of power between India and Nepal in either direction. Presently Nepal Electricity Authority (NEA) is buying (660 MW) and selling (452.65 MW) power through this line. NEA trades power through this transmission line under bilateral as well as power exchange platform.

**India and Myanmar:** India also supplies 3-5 MW power from Manipur, India to Myanmar through 11 kV line under radial mode.

**India and Bhutan:** India buys power from Bhutan through various 400 kV inter-country transmission lines between India and Bhutan. This power is supplied to India under long term allocation as GOI has set up this HEPs under IGA mode. During dry season (January to March) Bhutan buys power from India from power exchange platform.

**Nepal – India – Bangladesh:** Agreement has been initialled and commencement of supply will take time.

Country	Power Traded (in MW)	Mode of Trade	Trader	Transmission link	Currency of Trade
India - Bangladesh	1160 (1000+160)	Bilateral mode +Tendering	YES	1000 HVDC link + 160 MW Radial link	INR + US \$
India - Nepal	660 MW (Buy) / 453 MW (Sale)	Bilateral + Power Exchange	YES	400 kV AC line Dhalkebar – Muzzafarpur	INR
India - Myanmar	3 - 5	Bilateral	G-t-G	Radial Link from Moreh, India & Tamu, Myanmar	INR
Bhutan - India	2070	Bilateral + Power Exchange	YES	400 kV AC link Bhutan & Siliguri / Alipurduar, West Bengal, India	INR
Nepal – India - Bangladesh	500	Bilateral	YES	Over Tr. network of India	US \$