



# ASSAM ELECTRICITY REGULATORY COMMISSION

## ORDER SHEET

FILE NO. AERC 722/2019

PETITION NO: 06/2019

**CORAM: HON'BLE SHRI S.C. DAS, CHAIRPERSON**

**In the matter of**

Miscellaneous Petition No. 06 of 2019 for concurrence on Procurement of 114.11 MW Power from 4 x 180 MW Mangdechhu Hydro Electric Project, Bhutan

**In the matter of**

Assam Power Distribution Company Limited (APDCL)

---- Petitioner

**Present**

APDCL:

Shri Manoranjan Kalita, GM (Com-TRC)  
Ms. Mitra Roy, DGM (TRC)  
Shri Bibhu Medhi, AGM  
Shri Pradeep Kumar Baishya, AGM (TRC)  
Shri Indrajit Tahbildar, AGM (TRC)

**ORDER**  
**14.11.2019**

1. Assam Power Distribution Company Ltd. (APDCL) filed a petition for concurrence of procurement of 144.11 MW power from 4 x 180 MW Mangdechhu Hydro Electric Power Project, Bhutan.
2. The Petition was registered as Petition No. 06/ 2019.
3. The Petitioner submitted that a bilateral agreement was signed between Government of India and Royal Government of Bhutan on 30.04.2010 to execute the 720 MW Mangdechhu Hydro Electric Project, a run-of-the river scheme located on river Mangdechhu in Trongsa Dzongkhag District in Central Bhutan.
4. The Central Electricity Authority vide its letter no. CEA/PLG/IPR/1/12/2010/2256 dated 23.10.2012 requested Government of Assam to indicate requirement of power from the Mangdechhu Hydroelectric project along with from other 2 (two) no. of projects namely Punatsangchhu-I (1200 MW) and Punatsangchhu-II (990 MW). Subsequently, Govt. of Assam vide its letter no. PEL.226/2012/1 dated 03.11.2012 had requested APDCL to submit the requirement of power from the mentioned projects after doing a detail assessment of power requirement of the state.
5. APDCL through Government of Assam placed requirement of 500 MW power from the three HEP of Bhutan and accordingly Government of Assam allocated the same to APDCL as below:

Sl. No.	Hydro Electric Power	Capacity	Allotment
1.	Punatsangchhu-I	1299 MW	220.00 MW
2.	Mangdechhu	720 MW	122.50 MW
3.	Punatsangchhu St-II	990 MW	157.50 MW
	TOTAL	2910 MW	500.00 MW

6. Subsequently, Government of India allocated 144.11 MW power to Assam from the 720 MW Mangdechhu Hydro Electric Power Project.
7. The rate of power was fixed at Rs. 4.12 per unit with periodic increment.
8. PTC was engaged as the trader and the trading margin is 7 paisa per unit.
9. PSA was signed on 30.08.2019 with PTC by the following four beneficiary state jointly:
  - (i) West Bengal
  - (ii) Bihar
  - (iii) Jharkhand
  - (iv) Assam
10. The power has been scheduled w.e.f. 01.09.2019 and Assam is drawing this power.
11. The Petitioner APDCL was heard on 14.11.2019.
12. The representative of APDCL submitted the following in response to the queries of the Commission during the course of the hearing:
  - a) APDCL analyse the long term Power requirement with respect to the forecasted demand and there is a gap of around 600 MW during peak hours. They also submitted that the trend in the IEX during last couple of years revealed that the rate during peak hours is very high. So, the instant power will compensate to some extent against buying power from Power Exchange.
  - b) The PPA with the Power Project by PTC is not available; however, they will produce the same before AERC after collecting from PTC
  - c) It was also submitted that the instant power is on RTC basis and there is no any clause for short supply or short consumption of power from this project. APDCL will have to draw the quantum as scheduled.
13. The Commission after hearing the Petitioner on 14.11.2019 admitted the Petition 06/2019 and directed APDCL to produce the Power Purchase Agreement between PTC and Mangdechhu Power and also directed to submit the oral submission in affidavit form.
14. Pending submission of the same, the order is reserved by the Commission.

s/d  
(S.C.Das)  
Chairperson, AERC