



भारत सरकार

विद्युत मंत्रालय

पूर्वी क्षेत्रीय विद्युत समिति

GOVERNMENT OF INDIA

MINISTRY OF POWER

EASTERN REGIONAL POWER COMMITTEE



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FAX Msg No:

To: As per List

Subject: Minutes of Special meeting held on 06.03.2017 at ERPC Kolkata for addressing ER-NER issues and pertaining to power transactions with Bhutan -Reg

Sir,

Minutes of Special meeting held on 06.03.2017 at ERPC Kolkata for addressing ER-NER issues and pertaining to power transactions with Bhutan have been issued with the approval of Member Secretary and available for download at [www.erpc.gov.in](http://www.erpc.gov.in).

Encl-as above

Yours faithfully,

(A.K.Bandyopadhyaya)  
Member Secretary

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**Minutes of meeting held on 06.03.2017 at ERPC for addressing ER-NER issues and pertaining to power transactions with Bhutan.**

Member Secretary, ERPC welcomed the participants and briefly explained the issues to be discussed. Thereafter, the agenda items were taken up for discussion.

List of participants at Annexure A.

**1. Cost of Re-imported power through Kurichhu Transmission system from Assam grid.**

Based on CERC order in Petition No.150/MP/2015 dated 13.06.2016 the settlement of re-import of power through Kurichhu transmission system from Assam Grid is to be done on Deviation rates at average frequency. As the deviation rates are very low due to stabilization of frequency around 50Hz this rate is insufficient to meet APDCL's power procurement cost.

*APDCL may further elaborate with data and presentations.*

**Deliberation in the meeting:**

Member Secretary, ERPC briefly explained that since implementation of ABT in Eastern Region, the adjustment of APDCL power transfer to Bhutan through 33 MW and 11 MW systems had been discontinued with APDCL. Although the power export from APDCL to Bhutan through 33 kV and 11 kV systems were adjusted from Kurichhu power, but there was no mechanism for simultaneous adjustment with APDCL for the same export after implementation of ABT. Subsequently, a special meeting was held on 03.11.2016 under ERPC forum and in line with the decision taken in the meeting the proposed methodology for settlement of APDCL power through average frequency and at UI rates was acceptable to APDCL and NERPC. Hon'ble CERC also subsequently approved the methodology suggested by ERPC forum and bills were raised by APDCL from April, 2003 upto Nov'14 and the same were settled as per agreed mechanism. However, it was understood that APDCL now wanted to change the methodology of settlement.

APDCL representative informed that bills were not raised post Nov'14 as the cost of power recovered through the same was insufficient to meet APDCL's power purchase/supply cost. It was further informed that methodology was linked to frequency and because there is a considerable improvement in frequency in the last 2 years DSM rate is coming very less in comparison to power purchase cost for APDCL.

Member Secretary, NERPC asked APDCL whether any other mechanism could be suggested from their side.

APDCL representative responded that CERC in petition no. 15/SM/2015 had come out with an average power procurement cost for various discoms in the country. The cost of

power procurement for Assam was Rs. 4.39. If agreed the same could be used for calculating APDCL receivable for export to Bhutan at 33 KV and 11kV levels.

Alternatively, APDCL proposed that some form of Banking arrangement may be explored for adjustment of power. Member Secretary, ERPC observed that just because the system frequency had improved could not be sufficient reason for changing an agreed methodology which had been duly approved by the Commission. He further, observed that applying average power procurement cost (APPC) for such transaction may not be correct as the objective of APPC order was totally different.

General Manager, ERLDC wanted to know whether the lines at 33kV and 11kV were required by Bhutan side any longer. APDCL responded that from time to time due to system disturbances in Bhutan side these lines play an important role to meet electricity requirement in Bhutan border areas.

Member Secretary, NERPC suggested that APDCL should put up SEM meters at these points as indicated in the meeting on 03.11.2014. APDCL informed that these were very remote locations and regular data collection, etc may not be feasible. Also AMR has yet not been initiated in NER.

From Secretariat side it was pointed out that the rate of power, if required to be fixed anew should in no way be greater than the cost of Kurichhu power as this power gets adjusted with Kurichhu receipt in India.

General Manager, ERLDC opined that putting up SEM meters would be the best solution. However, the Kurichhu rate would be the most appropriated rate if the existing methodology needed to be changed. Further, any change must be approved by the central commission.

Member Secretary, ERPC stated that the existing methodology had been accepted by CERC and any changes were required to be approved through CERC only. Also, if any new mechanism is agreed to the same would be applicable for the entire post ABT period and not just post Nov'14 and communication with Hon'ble commission would be made by the secretariat accordingly.

PTC representative opined that the existing methodology was working fine and may not be changed.

After detailed deliberation, APDCL was advised to reconsider their proposal. However, any changes in the existing methodology must have the approval of CERC.

## 2. Scheduling of bundled Solar power

ERLDC/ERPC are reducing schedules of bundled solar power & non-solar power proportionately if there is less requisition, whereas NERPC / NERLDC are keeping the bundled solar portion intact while reducing the non-solar schedules only. For NVVN solar schedule APDCL have to pay NVVN trading margin extra. In a special meeting held on 01.09.2016 in ERPC the matter was clarified to NERPC representatives. In the 30<sup>th</sup> CCM of NERPC, NVVN were requested by APDCL to clarify the issues. NVVN have referred the issue to ERPC.

*APDCL & NVVN may interact.*

*ERPC / ERLDC may clarify.*

Deliberation in the meeting:

APDCL and NVVN informed that the issue had been resolved and need not be discussed any further.

## 3. Testing of main meters at:

M/s PTC have informed vide their letter no.PTC/MTFG/ERLDC/15595 dated 20.01.2017 that the main meter at Siliguri end of 400 kV Tala – Siliguri feeder no. 1 and main meters for 220 kV Chukha-Birpara feeder No.1 &2. at Birpara end needs to be checked/tested for proper functioning.

*PTC may elaborate, Powergrid may respond.*

Deliberation in the meeting:

### **a) 400 kV Tala Siliguri feeder-1 at Siliguri end**

PTC informed that the issue was resolved

### **b) 220 kV Chukha-Birpara feeder-1,2 at Birpara end**

General Manager, ERLDC opined that the concerned meter is not a POWERGRID meter but Bhutan meter & if required PTC may coordinate with DGPC authorities and get the meter changed / replaced. Powergrid representative informed that indeed the meter pointed out by PTC is owned by DGPC and not by POWERGRID therefore PTC must get these issues clarified before raising them. PTC representative informed that they will get the facts checked and coordinate with DGPC authorities for replacement of the meters.

The meeting ended with thanks to the chair.