

EASTERN REGIONAL POWER COMMITTEE

ADDITIONAL AGENDA FOR 185th OCC MEETING TO BE HELD ON 23.11.2021(TUE) AT 10:30 HRS

ITEM NO.1: Revision of REA for Energy Exported to PTC India by Mangdechhu HEP for the Month from June – October 2021.

Bhutan vide mail dated 19.11.2021 informed that, ERPC has been issuing the monthly REA for the energy exported by Mangdechhu HEP after applying an additional transmission loss of 0.078% on the energy exported through the 400kV interim Jigmeling – Punatshangchhu – Alipurduar line.

The Point No. 7 of the MoM of the Special Meeting held at ERPC on May 17, 2019 states,

7. It was informed by Powergrid that 400 kV Jigmeling-Alipurduar line (Indian portion) is expected to be commissioned by October, 2019. During the intervening period, power from Mangdechhu HEP shall flow through 400 kV Mangdechhu-Jigmeling-Phunatsangchu_II-Alipurduar link. This aspect shall be suitably considered while computing the delivery of Mangdechhu power at Indian periphery.

Further, Point No. 5 of the Special Meeting held at ERPC on September 25, 2019 states,

5. **Energy accounting of Mangdechhu will be done with reference to the decision taken in the special meeting held on 17th May,2019 at ERPC, Kolkata till commissioning of 400 kV Jigmeling-Alipurduar line.**

As per the above statements, the additional transmission loss is applicable only during the intervening period till the commissioning of 400kV Jigmeling – Alipurduar Quad Moose direct lines.

The 400kV Jigmeling – Alipurduar Quad Moose direct line 1 & 2 were successfully charged on 22nd and 18th June 2021 respectively and was kept charged where the Mangdechhu power has been flowing through these lines since then. The successful commissioning of these two direct lines was informed to the 181st OCC meeting held on June 22, 2021 and it was also proposed to switch off the 400kV interim Jigmeling – Punatshangchhu – Alipurduar line.

However, ERPC, in its monthly REA, continues to apply the 0.078% transmission loss on the portion of energy exported via the 400kV interim Jigmeling – Punatshangchhu – Alipurduar line. As directed during the 181st OCC meeting, it was discussed at the 7th Indo-Bhutan OCC Meeting held on October 12, 2021. However, the Indo-Bhutan OCC meeting had referred this issue back to ERPC.

Since the direct 400kV Jigmeling – Alipurduar Quad Moose direct line 1 & 2 were commissioned in June 2021 and in keeping with the PPA dated August 15, 2019 and special meetings of ERPC held on May 17, 20219 and September 25, 2019, the additional transmission loss of 0.078% shall not be applied to the energy exported by Mangdechhu to India from June 2021.

Therefore, the REA for the energy exported by Mangdechhu HEP is to be issued as per the original PPA dated August 15, 2019 and without applying any additional transmission losses.

The REA for the energy exported by Mangdechhu HEP for the month from June 2021 to

Months	Export Energy in kWh		Revenue (Rs.)		
	As per Bill	As per REA	As per Bill	As per REA	Difference
A	B	C	D=B x 4.12	E=C x 4.12	F=D - E
June	392,715,169.19	392,506,873.00	1,617,986,497.08	1,617,128,316.76	858,180.32
July	424,601,947.33	424,519,157.00	1,749,360,022.98	1,749,018,926.84	341,096.14
August	485,070,000.00	484,975,411.00	1,998,488,400.00	1,998,098,693.32	389,706.68
September	481,140,000.00	481,046,178.00	1,982,296,800.00	1,981,910,253.36	386,546.64
October	294,171,947.97	294,114,585.00	1,211,988,425.66	1,211,752,090.20	236,335.46
Total	2,077,699,064.49	2,077,162,204.00	8,560,120,145.72	8,557,908,280.48	2,211,865.24

October 2021 may kindly be revised. The details of the additional transmission loss applied in the REA from June 2021 to October 2021 and the corresponding revenue is as below:

While forwarding the energy bill for October 2021 vide letter No. DGPC/O&MD/38/2021/540 dated November 05, 2021, PTC India Ltd. was informed of the above and to issue REA without application of additional transmission loss. However, it was noticed that the REA was issued by applying an additional transmission loss of 0.078% on the 25% of the energy exported.

ERPC/PTC is requested to issue the revised REA with effect from June 2021 without applying the additional transmission loss of 0.078% on the energy exported by Mangdechhu to India keeping with the PPA dated August 15, 2019 and also to refund INR. 2,211,865.24 due to application of additional transmission line losses of 0.078% in REA from June 2021 – October 2021.

Members may discuss.

ITEM NO.2: PLCC Issue in 400kV Baripada-Kharagpur T/L.

SLDC West Bengal vide mail dated 22.11.2021 mentioned that, in reference to the MOM of 184th OCC under SI no (6) of item B9, PLCC related issues were discussed in reference to the Kharagpur-Baripada 400 kV line. SLDC, WB urged for following the all over India trend to settle the issue of who will rectify / replace the PLCC panels in respect to the mentioned line. PowerGrid Orissa urged for following precedence for rectification / changing of PLCC panels at both ends by WBSETCL. The same was reflected in the minutes.

However, on careful scrutiny for other tie lines, it was noticed that normally the maintenance, fault rectification, panel replacement types of jobs for PLCC panel etc. are done by the utilities at their respective ends. For example, in case of STPS-Chandil line, JSEB is maintaining their end PLCC portion and WB for STPS end part.

Hence, continuing the same logic of SLDC, WB as was mentioned in 184th OCC, that different rules for different tie lines are not desired. So, the all-India trend should be maintained for the Kharagpur-Baripada line also. Hence for changing the panels at Baripada end, Power Grid may please take up the matter, and WB will take care of the Kharagpur end panel replacement work to make both channels available and reliable.

Members may discuss.