



सत्यमेव जयते

Government of India
Ministry of Power
Eastern Regional Power Committee

Agenda
for
49th Commercial
sub-Committee Meeting

Date: 28.07.2023

**AGENDA FOR 49th COMMERCIAL SUB-COMMITTEE MEETING OF ERPC HELD ON
28.07.2023 (TUESDAY)
AT 10:30 HRS THROUGH PHYSICAL MODE AT ERPC SECRETARIAT, KOLKATA.**

ITEM NO. A1: Confirmation of the minutes of the 48th Commercial Sub-Committee meeting held on 14.03.2023.

The minutes of the 48th Commercial Sub-Committee meeting were uploaded on ERPC website.

Members may confirm the minutes of the 48th Commercial Sub-Committee Meeting.

PART B: ITEMS FOR DISCUSSION

ITEM NO. B.1: Agenda by ERPC Secretariat.
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1. CERC IEGC Regulation 2023: Commercial Accounting Aspect.

CERC vide notification dated 29.05.2023 had issued Indian Electricity Grid Code Regulation 2023 and directed the concerned agencies (NLDC, RLDCs, RPCs & SLDCs etc.) for preparing detailed procedure after stakeholders' consultation. These regulations shall come into force from such date as the Central Commission may notify: Provided that different dates may be appointed for commencement of different regulations.

ERPC secretariat will give a brief presentation on Commercial Accounting Aspects of the CERC(IEGC) Regulation 2023.

2. Methodology for reference Charge Rate calculation of Generating station of ER having multiple contracts.

As per clause 3(u) of CERC DSM Regulation 2022 implemented w.e.f. 05.12.2022

" 'Reference Charge Rate' means (i) in respect of a general seller whose tariff is determined under Section 62 or Section 63 of the Act, Rs/ kWh energy charge as determined by the Appropriate Commission, or (ii) in respect of a general seller whose tariff is not determined under Section 62 or Section 63 of the Act, the daily weighted average ACP of the Day Ahead Market segments of all the Power Exchanges, as the case may be;."

As per clause 27(6) of CERC Suo Motu order in petition no.01/SM/2023 dated 06.02.2023 implemented w.e.f. 08.02.2023

"In case of multiple contracts, the contract rate or the reference rate referred to in Regulation 8 of the DSM Regulations, 2022 shall be the weighted average of the contract rates of all such contracts."

In the present DSM Accounting, ERPC Secretariat issues DSM Account of ER constituents as per CERC DSM regulation-2022 and the Reference Charge Rate calculation of the Generating Stations as follows:

1. The Reference Charge Rate of all generating station whose complete tariff is determined in accordance with section 62 or 63 of EA act will be the Energy Charges Rate.
2. In case of multiple contracts, the contract rate or the reference rate referred to in Regulation 8 of the DSM Regulations, 2022 shall be the weighted average of the contract rates of all such contracts.
3. The Reference Charge Rate of general seller which does have not contract, the Daily Weighted avg ACP of DAM market of all PXs.

The following assumptions have considered for RCR calculation:

- i) The ECR rate of previous month of all the contracts under sec 62 & sec 63 may be used in the current month's Reference Charge rate calculation starting from 16th to 15th of next month.
- ii) If no information is received from generators end, the latest available data will be used for RCR calculation.
- iii) There will be no post facto revision of Reference charge rate calculation due to revision of PPA rate or ECR Rate.

In view of the above clauses, ERPC Secretariat asked for ECR data, Contract rates data from ER generators for calculation of Reference change rate. But it was found that SUL is not providing complete contract details with ERPC secretariat.

SUL may update. Members may discuss.

3. Rejection of bill raised by NPCIL for allocation of Power to Bihar from Un-allocated quota of CGS of WR & NR

with reference to the above referred letter regarding allocation of Power to Bihar from Unallocated Quota of Northern Regional Power Committee. As per REA issued by NRPC dated 2/6/2023, 4802920 Units for the month of May-2023 was allocated from NPCIL-RRS-5&6 to Bihar. Accordingly, RRS- 5&6 raised the energy bill to M/s NBPDCCL on 06/06/2023 (copy enclosed) and same was forwarded by Speed Post and uploaded on PRAAPTI Portal.

In response to bill raised, NBPDCCL rejected/returned the said bill with remark" the invoice is without supporting PPA as required vide MOP letter No. F.No. 22/10/2023-OM 264541 dated 1/5/2023 have not been complied i.e. PPA has not been signed". The bill was also returned on PRAAPTI Portal stating that the invoice/bills are incomplete.

The allocation of power to Bihar from unallocated quota was for a period of 3 months (1/5/2023 to 31/7/2023) as per NRPC letter dated 2/5/2023. In accordance with the NRPC

letter, the draft PPA was shared with BSP(H)CL on 7/6/2023 for their consent and further submission to BERC for approval. Further, as per the MoP letter No. F.No. 22/10/2023-OM 264541 dated 30/5/2023 and NRPC letter dated 31/5/2023, the power has been De-allocated

w.e.f 1/6/2023. Hence the allocation of power for Bihar remains only for 1 month i.e. for the month of May 2023.

Bill for the month of May 2023 was raised in the name of CE, BSP(H)CL, amounting to Rs. 1,88,10,637/- as per the tariff noted by DAE. However, as informed by BSP(H)CL regarding power sharing between SBPDCL and NBPDCCL in the ration of 54:46, revised bills were raised to SBPDCL and NBPDCCL on 17.06.2023. However, the same has again been rejected by NBPDCCL on PRAAPI stating that "invoice is issued with supporting PPA as required vide MoP Letter No. F. No. 22/10/2023-OM 264541 dated 01.05.2023. Relevant documents are provided at **Annexure B1.3**.

Bihar may explain. Members may discuss.

4. Request of Bihar to stop scheduling from Kurichu HPS, Bhutan.

With reference to above subject, it has been observed that ERLDC has started scheduling of power from Kurichhu HPS, Bhutan w.e.f. 00:00 hrs of 17.06.2023.

In this regard, ERPC vide letter dated 15.02.2023 has intimated that reallocation of power of Central Generating Stations of Eastern Region and Bhutan HPS upon uniform allocation of unallocated power among ER beneficiaries including Bihar from Eastern Region pool has been done as per the directives of CEA and Ministry of Power.

Further, it may be noted that neither PPA has been signed with Bihar DISCOMs nor approval from regulatory commission has been taken yet.

Therefore, it is requested to kindly make Kurichhu HPS, Bhutan arrangement to stop scheduling from with immediate effect to avoid any commercial issues.

Bihar may explain. Members may discuss.

ITEM NO. B.2: Allocation of firm power from upcoming Hydro Projects of NHPC Ltd, its JVs/Subsidiaries.

Ministry of Power vide letter dated 27.06.2023 directed CEA to examine the proposal of NHPC for allocation of firm power from upcoming hydro projects of NHPC Ltd, & its JVs/subsidiaries (**Annexure B2**).

CEA vide email dated 28.06.2023 and 18.07.2023 requested for confirmation regarding the consent of eastern states for not willing to take power from the projects located in eastern region. Subsequently, ERPC vide mail dated 30.06.2023 and 19.07.2023 requested the ER states to confirm their consent regarding unwillingness to take power from the upcoming hydro projects of NHPC Ltd, & its JVs/subsidiaries located in the eastern region. In this regard, ERPC has not received any communication from ER beneficiary states (Odisha, West Bengal, Jharkhand, Bihar, Sikkim).

Odisha, West Bengal, Jharkhand, Bihar, Sikkim may give their consent for unwillingness.

ITEM NO. B.3: Deduction of Sikkim 12% Royalty free Power share from Rangit and Teesta-V.

Reference letter no: ERPC/Comm-I/Gen/Share/2022-23/1456 dated 15.02.2023, ERPC/Comm-I/Gen/Share/2022-23/1538 dated 27.02.2023 & ERPC/Comm-I/Gen/Share/2022-23/1545 dated 28.02.2023 (Flag X) for reallocation of power of central Generating Stations of Eastern Region and Bhutan HPs upon uniform allocation of unallocated power among ER beneficiaries w.e.f. 00:00hrs of 01.03.2023.

The detail of total allocation share percentage (%) with equivalent in MW for Hydro power is as under:

Sl. No	Name of Central Generating Stations	Installed Capacity (MW)	Allocation	
			Percentage (%) share	MW
1	Rangit	60	11.84	7.090
2	Teesta-V	510	11.35	57.789

As above the percentage for the power allocated for Rangit & Teesta V is less than the free share royalty percentagewise., 12%. The allocation share percentage for Rangit & Teesta-V till 16th Feb 2023 is 13.33% and 13.19 % respectively (i.e., 12% free share and 1.33% & 1.19% chargeable), but the share allocation percentage from 17th Feb 2023 is 11.84% & 11.35% only which is less than the free share royalty to Sikkim.

The share from Rangit & Teesta-V was reallocated to Sikkim vide letter no: ERPC/Comm-I/Gen/Share/2023-24/146 dated 29.04.2023 w.e.f. f 00:00 hrs. of 01.05.2023, but Sikkim face a loss for two months as the 12% royalty share was deducted.

Sikkim may explain. Members may discuss.

ITEM NO. B.4: Sikkim LTA of 7 MW against Rangit HEP share.

Sikkim Evacuates/draws its 7MW Share (12% free and 1.33% allocation) through its own transmission system in direct connectivity with Rangit 132 kV Substation through:

- 132/66 KV 20 MVA ICT along with 66KV Rangit-Ravangla TL which was commissioned in 2007.
- 132 KV Rangit-Sagbari, 132 KV Sagbari-Melli& 132 kv Sagbari-Gyalshing TLs (Previously Rangit-Melli TL which was commissioned in 2003 and later LILOed in Sagbari in 2012)

However, Sikkim is paying towards this LTA Charges.

Sikkim may update. Members may discuss.

ITEM NO. B.5: Wheeling of power by Tata Steel Limited (TSL) at 132 KV through DVC system.

Tata Steel Ltd. (TSL), a beneficiary of DVC, is connected to CTU at 400 KV BPRS Substation and 200 MW GNA has been granted to TSL by CTU for availing power from DVC TPSs through scheduled mode. Apart from that TSL has a captive generating plant at Jamshedpur which is connected to DVC system at 132 KV through Jamshedpur Substation (220KV/132KV/33KV). Any surplus power (after meeting its internal demand) is exported by TSL to its other plants in Maharashtra & Odisha by wheeling through DVC system.

TSL started availing open access of 80 MW from 09.12.2005 to 31.07.2008 on STOA basis. They again availed open access of 100 MW on continuous basis between 01.08.2008 to 31.03.2023 on STOA term.

Although the open access requirement of TSL was on long-term basis, TSL took undue advantage of the prevailing Open Access Regulations and met its long-term requirement by availing STOA for 3 months at a time and subsequently through repeated renewals. An ornamental 2-day gap used to be kept between consecutive 3 months periods to justify wheeling through STOA.

In view of the above, DVC requested TSL to discontinue the practice of wheeling on STOA and to avail open access on long-term/medium-term basis. On persistence, TSL applied for clearance for wheeling on MTOA basis from 01.04.2023 to 31.07.2023 (4 months). But TSL drastically reduced the wheeling quantum from 100 MW to only 9 MW in order to save Long Term wheeling charges. The agreement for the wheeling of 9 MW by TSL on MTOA was executed on 29.03.2023.

Subsequent requests by TSL post MTOA agreement:

Within days of the signing of MTOA agreement, TSL repeatedly applied for STOA as follows:

- for 40 MW for the period of 20.04.2023 to 30.06.2023 on 18.04.2023.
- to wheel 6 MW on 29.05.2023 for the period from 01.06.2023 to 30.06.2023.
- to wheel 10 MW on 06.07.2023 for the period from 08.07.2023 to 18.07.2023.
- for 10 MW on 18.07.2023 for the period from 19.07.2023 to 31.07.2023.

As requested, STOA was permitted to TSL by DVC, at the same time DVC requested TSL on multiple occasions to assess their wheeling requirement for the next 6-12 months. DVC is yet to receive the projected wheeling requirement from TSL.

From the multiple STOA requests made by TSL as stated above, it transpires that they have a long/medium term requirement of around 15-20 MW open access quantum but only 9 MW is being availed on MTOA basis and the rest 6-10 MW is being requested regularly on STOA basis. It is worthy to mention here that the wheeling transactions of above nature between DVC & TSL may also come under the scrutiny of Audit.

Submission

Since STOA is charged on scheduled energy basis @ Rs. /KWh as and when required and MTOA/LTOA is charged on open access quantum @ Rs. in Lakhs/MW per month, TSL is unduly benefiting at the cost of DVC.

It is therefore requested to discuss the issue whether repeated STOA should be allowed to an entity when the actual requirement is for LTOA/MTOA, thereby defeating the spirit of Open Access Regulation for the mere monetary gain by the entity.

DVC may update. Members may discuss.

ITEM NO. B.6: Final Reconciliation of erroneous arrear amount reflecting in the monthly bills of M/s TPWODL (DISCOM) for the drawl of auxiliary power through Tertiary winding of 1500 MVA, 765/400/33KV ICT-1 at Powergrid, Sundergarh Sub-station.

1. The Energy Consumption at Sundargarh Substation through Tertiary Winding of its 1500 MVA, 765/400/33kV ICT#1 is being calculated and charged to POWERGRID w.e.f. 23rd October 2017 as per the Guideline issued by OERC.
2. Accordingly, M/s TPWODL (DISCOM) has started raising bills for the drawl of auxiliary power through the tertiary winding of above-mentioned ICT.
3. In the special meeting held at ERPC Office on 10th July 2018, it was decided that the billing of auxiliary power consumption through tertiary of ICTs in POWERGRID Substations shall be done based on the meter data of energy consumption uploaded weekly in ERLDC website. Accordingly, the billing shall be done by the respective DISCOMs.
4. However, POWERGRID has noticed that the Tertiary Energy Consumption Data (calculated & uploaded by ERLDC) in respect of Sundargarh Substation was much higher than the actual energy consumed in the substation.
5. The CT & PT Ratios considered by ERLDC and actual ratios at site were as under:

	CT Ratio	PT Ratio	M.F.
As considered by ERLDC	50/1	33000/110	15000
Actual Ratios at site	1000/1	415/110	3772.72

6. Therefore, the Actual Consumption Data and Data considered in DSM bill had some considerable difference i.r.o. Sundargarh Substation. Therefore, it was requested for the revision of the Energy Data and concern DSM accounts accordingly w.e.f. 23rd October 2017 by ERLDC/ERPC and for further intimation to GRIDCO and WESCO (presently TPWODL) for energy billing by DISCOM.
7. The M.F. was corrected by ERLDC on 31st October 2018, however for correction of M.F. for the period from 23rd October 2017 to 31st October 2018 the matter was taken up in the 41st Commercial Sub-committee meeting of ERPC held on 27.11.2019 requesting ERLDC to provide the actual energy consumption data to ERPC after considering the corrected CT & PT ratios and subsequently, the DSM Accounts of GRIDCO was to be revised as per

corrected MF. Copy of Minutes of 41st Commercial Sub-Committee meeting of ERPC is attached as **Annexure – B6**.

8. Based upon the deliberation in the 41st Commercial Sub-committee meeting, SE (Commercial)/ERPC convened a meeting on 24.02.2022 through MS Team Platform to resolve the issue. MoM of this special meeting is attached as **Annexure – B6**.
9. As per the deliberation in the meeting, ERLDC was instructed to provide the average monthly frequency data for the disputed period to ERPC and based on the average monthly frequency data and revised drawl data, ERPC had to revise the DSM Account of GRIDCO for the disputed period.
10. In the meantime, M/s TPWODL has raised Arrear Bills for the period from May'2019 to November'2021 in the 1st Phase based on GRIDCO reading, which was also not matching with the data collected from SLDC, Odisha. Tertiary transformer consumption data of PGCIL SS is attached as **Annexure –B6**.
11. Then for the period from October'2017 to April'2019, Arrear Bills were raised by M/s TPWODL based upon the readings received by them from SLDC, Odisha. However, it was found that, due to incorrect MF for the period from October'2017 to September'2018, the arrear bills were raised with the wrong multiplication factor, hence there was huge difference between the actual consumption data and the data considered for billing purpose.
12. However, to facilitate the release of arrear payment to M/s TPWODL, Sundargarh Substation paid the energy bill amount as per energy units provided by SLDC, Odisha which were in line with ELRDC Energy units from Oct'2018 to Nov'2021. However, for the period Oct'2017 to Sept'2018, energy bill amount has been paid as per the revised energy units provided by ERLDC and the entire calculation details were shared with M/s TPWODL.
13. As per the request of M/s TPWODL, from December'2021 onwards Sundargarh Substation has shared the downloaded monthly SEM reading data every month and monthly bills are being raised as per the actual consumption data and POWERGRID has always ensured release payment to TPWODL within the rebate date.
14. Being a responsible and bulk consumer, POWERGRID has paid all the energy bills from October'2017 to June'2023 as per the actual energy consumption data, but erroneous bills are being submitted from the beginning, which is not yet reconciled at M/s TPWODL end.
15. In this regard, several correspondences have been made by POWERGRID through various letters and e-mails during the last one and half years, but M/s TPWODL has not taken any pro-active measures for final reconciliation of this long pending issue. Copy of various letters and e-mail correspondences made with M/s TPWODL are attached herewith for reference.
16. In the monthly bill of June'2023 (copy attached) the outstanding net arrear amount is still showing Rs.2,70,40,477/- (Rupees Two Crores Seventy Lakh Forty Thousand Four Hundred Seventy-Seven) due to erroneous multiplying factor and over and above to it DPS charges of Rs.2,60,788/- (Rupees Two Lakh Sixty Thousand Seven Hundred Eighty-Eight) have been imposed, which is getting accumulated every month. Copy of DISCOM Bill for the Month of June 2023 is attached as **Annexure-B6**.

17. Every time, M/s TPWODL has informed that final reconciliation with POWERGRID shall be done once it gets settled between them and GRIDCO.
18. Due to this inordinate delay in settlement of arrear issue between TPWODL and GRIDCO, POWERGRID is getting unduly penalized every month despite making timely payments to TPWODL.
19. Considering the above facts, the intervention of ERPC and ERLDC is highly essential for permanent resolution of the long pending arrear issue with M/s TPWODL.

SUBMISSION

- i. Waive off all arrear amount and consequential DPS charges levied upon these incorrect energy units by M/s TPWODL for the period from October 2017 to September 2018.
- ii. Submission of correct energy bill with zero arrear amount and zero DPS charges in the forthcoming months by M/s TPWODL.
- iii. Issuance of Final Reconciliation Certificate with "NIL" Arrear Amount for compliance against POWERGRID Auditor Observation.

Powergrid Odisha may update.

ITEM NO. B.7: Revision of electricity consumption bills through tertiary of ICT-1 at Powergrid Keonjhar Sub-station.

1. The Energy Consumption at 400/220kV Keonjhar Substation through tertiary winding of its 315 MVA ICT#1 is being calculated and charged to POWERGRID w.e.f. 23rd October 2017 as per the Guideline issued by OERC.
2. After receipt of Arrear Bill from TPNODL (DISCOM) for drawl of auxiliary power through tertiary winding of 315 MVA ICT#1 at POWERGRID, Keonjhar Substation, the bills were verified at site and found abnormally high value of energy consumption data.
3. After thorough analysis, it was found that the CT/PT ratio has been erroneously considered as 50/300, whereas the actual CT/PT ratio is 1000/3.7727. Matter was discussed with ERLDC commercial team and the CT/PT ratio was changed to 1000/3.7727 w.e.f. 30th August 2021.
4. Initially the bills received from M/S TPNODL (DISCOM) were having HT multiplying factor of CT ratio 50/1 and PT ratio 33000/110 which led to huge amount of bill value for the period w.e.f. 23.10.2017 to August 2021.
5. POWERGRID have already paid the electricity consumption charges for the period from 23rd October 2017 to August 2021 as per corrected CT and PT ratio whereas bills served by M/s TPNODL (DISCOM) is continuously showing huge amount of outstanding arrear. Issue has been already discussed in 45th CC Meeting of ERPC held on 03.03.2022 in which it has been deliberated that after receipt of information from the members, ERPC Secretariat shall take necessary action in coordination with ERLDC.
6. As per energy consumption bill served by M/s TPNODL to POWERGRID, Keonjhar SS for the month of June 2023, net outstanding arrears due to wrong MF for the period from October 2017 to August 2021 is Rs.2,06,72,786/- (Rupees two crore six lac seventy-two thousand seven hundred and eighty-six only) and DPS is Rs. 1,52,928/- (Rupees one lac

fifty-two thousand nine hundred twenty-eight only). Copy of DISCOM Bill for the Month of June 2023 is attached as **Annexure-B7**.

7. This huge amount of unqualified outstanding dues has been seriously noted and pointed out by the auditor. It is a matter of regret that we are unable to submit compliance for audit observation due to pending revision of electricity consumption bills through tertiary of ICT-1 of POWERGRID Keonjhar S/s.

SUBMISSION

- i. Waive off all arrear amount and consequential DPS charges levied upon these incorrect energy units by M/s TPNODL (DISCOM) for the period from 23rd October 2017 to August 2021.
- ii. Submission of correct energy bill with zero arrear amount and zero DPS charges in the forthcoming months by M/s TPNODL.
- iii. Issuance of final reconciliation certificate with “NIL” arrear amount for compliance against POWERGRID Auditor Observation.

Powergrid Odisha may update.

ITEM NO. B.8: Proposal for procurement of Reactor spares (cold spares) for Eastern Region – Powergrid ER-II.

In Eastern Region-II following Reactors are in service at present as POWERGRID asset:

STATE	VOLTAGE LEVEL	CAPACITY	IN SERVICE (In No)	Number of Spares available (In No)
WEST BENGAL	400 KV	125 MVAR	13	NIL
		80 MVAR	07	NIL
		63 MVAR	05	NIL
		50 MVAR	08	01 at Maithon
Odisha	400 KV	125 MVAR	15	01 at Angul
		80 MVAR	08	01 at Rourkela
		63 MVAR	07	NIL
		50 MVAR	06	01 at Rourkela
SIKKIM	400 KV	80 MVAR	02	NIL
	220 KV	31.5 MVAR	02	NIL
BIHAR	400 KV	125 MVAR	16	NIL
		80 MVAR	12	NIL
		63 MVAR	11	NIL
		50 MVAR	10	01 at Biharsharif
JHARKHAND	400 KV	125 MVAR	8	NIL
		80 MVAR	3	NIL
		63 MVAR	2	01 at Dalton Ganj
		50 MVAR	8	01 at Jamshedpur

However, apart from 400 KV, 50 MVAR Reactor at Maithon SS, no other spare Reactor are available till date. As per CEA spare norms (circulated in July-2020, refer page-18/19), for maintaining spares under GST regime, each state should be provisioned with respective sized Reactor. Accordingly, as per available sizing following Reactors are required at following locations: -

STATE	VOLTAGE	SIZE	STORAGE PLACE
WEST BENGAL	400 KV	125 MVAR	DURGAPUR SS
		80 MVAR	BINAGURI SS
		63 MVAR	BINAGURI SS
SIKKIM	400 KV	80 MVAR	RANGPO SS
	220 KV	31.5 MVAR	NEW MELLI SS
BIHAR	400 KV	125 MVAR	BIHARSARIFF SS
		80 MVAR	PATNA SS
		63 MVAR	MUZAFFARPUR SS
JHARKHAND	400 KV	125 MVAR	NEW RANCHI SS
		80 MVAR	RANCHI SS
ODISHA	400 KV	63 MVAR	ROURKELA SS

All above Reactors will be kept as regional spare and based upon urgency the same shall be utilised in ISTS system and as per CEA spare norms in state level.

Members may discuss and approve the technical requirements for further submission of cost data to subsequent meetings.

In the 202nd OCC meeting, representative of Powergrid submitted that as per the present norms of CEA, above-mentioned list of cold spares is to be kept as regional spare to be utilised in ISTS systems on emergency basis.

OCC agreed with the proposal and advised Powergrid to place this agenda with the necessary cost estimate to upcoming Commercial Sub Committee Meeting.

Accordingly, Powergrid vide mail dated 25.07.2023 submitted detailed work out for tentative cost implications done and total value comes as, Rs. 111,52,97,192/- (RS. ONE HUNDRED AND ELEVEN CRORES FIFTY-TWO LACS NINETY-SEVEN THOUSAND ONE HUNDRED NINETY-TWO ONLY). Details cost break up given for reference purpose at **Annexure B8**.

Members may approve.

ITEM NO. B.9: Replacement of old static LBB Relays in ER-II on account of enhancement of Reliability of Protective system – Powergrid ER-II.

Under various Transmission scheme implemented in Eastern Region earlier, everywhere Static LBB relays are used only. The static relay model comprises RAICA (From ABB) & CTIG (From GE)/ MCTI4 (From AREVA). In many occasions, it is observed that due to maloperation of Static Relay & its auxiliary system, entire Bus & associated elements got tripped.

In addition to that as those Relays are Static in nature analysis of various events, post fault is very difficult. Replacement of those Static LBB relays by available Numerical Relays are only possible solution to avoid such malfunctions. Moreover, in latest Numerical relays, additional Re-Trip function (Opening of self CB after 100 ms) is available which gives additional flexibility in protective system.

Under ADDCAP 2019-24 Tariff block, all old protection system of Chukha TS (Namely Birpara/Siliguri/Dalkhola/Malda) are taken for complete upgradation and this upgradation is included the replacement of LBB relays also. However, stations namely Maithon (KTPS) & Binaguri are also fitted with old static type LBB relays, which require complete replacement.

A list of such LBB Relays mainly installed at Maithon & Binaguri SS are attached for reference **(Annexure B9)**. Total 58 No's Relay require complete replacement and tentative Cost estimate comes to Rs. 2.0 Crores Including all applicable Taxes and duties.

Considering the criticality for continuing of such elements, it is proposed to provide in-principle approval for replacement of such old Static Relays, necessary cost shall be booked in ADDCAP 2019-24 tariff block and actual expenditure shall be placed during truing up.

In the 202nd OCC meeting, Representative of Powergrid submitted that the static relays to be changed in Dalkhola had already been supplied and the work is scheduled to start in the month of May 2023 subjected to availability of shutdown. Replacement work in Birpara and Binaguri is planned to be carried out in the month of July 2023 and August 2023 respectively.

He further submitted that the static LBB relays (58 nos.) at Maithon & Binaguri SS may also be allowed to be replaced with an estimated cost of Rs. 2 crores. The tendering activities would be started once the technical approval is provided. The materials would be procured by the end of September 2023 and the replacement work may be scheduled in the month of November & December 2023.

OCC gave the in-principle approval for the replacement of 58 nos. of static LBB relays (58 nos.) at Maithon & Binaguri SS.

Further, OCC referred the agenda to upcoming Commercial Sub Committee Meeting.

As per discussion in 202nd OCC of ER, it has been finalised to procure 58 No's numerical LBB Relay for Binaguri & Maithon SS for upgradation from conventional static Relays to enhance reliability. It is to be updated, that, vide GeM LOA Ref No:- GEMC-511687755886209 dated 22.06.2023, POWERGRID has placed LOA for procurement of the same to M/S. GE T&D, with time line for completion within 17.02.2024. Total cost implication for procurement and

installation of 58 No's Numerical Relay comes to **Rs. 2,49,74,783/- (Rs. Two Crore forty-nine lacs seventy-four thousand seven hundred eighty-three only)** including all.

Members may approve.

ITEM NO. B.10: Furnishing of details such as block wise STOA energy for bilateral and collective transactions, STOA rates, STOA punching data, total all India collection towards STOA – Agenda by GRIDCO.

Every month CTUIL raises Bill of supply towards first Bill of a billing month. The first Bill of each billing month contains the transmission charges for the billing period in accordance with Regulations 5 to 8 of the CERC Sharing Regulations, 2020. Transmission charges for Short Term Open Access paid by an embedded intra-State entity during a month is reimbursed in the following billing month to the State in which such entity is located. Further, the Transmission Deviation charges recovered through the third bill are reimbursed to the DICs in proportion to their share in the first bill in the following billing month.

It is to be noted that the details being provided by CTUIL in the supporting documents towards the above reimbursements are not sufficient for verification purpose. The supporting documents only contain the amounts towards different credits without providing the background calculations. Hence, CTUIL may be requested to provide all background calculations towards the amounts mentioned in the supporting documents such as block wise STOA energy for bilateral and collective transactions, STOA rates, STOA punching data, total all India collection towards STOA, total all India collection towards deviation charges and other such data which will help in the verification of the Transmission charges. The above activity will help in bringing about more transparency in the Transmission Billing process.

GRIDCO may update. CTU may clarify.

ITEM NO. B.11: Agenda by NTPC.

1. Too many Captcha for accessing data from ERLDC website:

Only one captcha at the first page must be employed. Captcha are causing significant delay in accessing important data.

2. Sharing of calculation sheet being used by NLDC for calculating SRAS performance:

NTPC has tried various methods viz quartile function elimination, standard deviation elimination methods for data cleaning for calculating SRAS performance, still during some of the periods performance percentage does not match with NLDC data.

3. Timely uploading of complete and correct data for issued accounts:

- i) Data available at ERLDC scheduling page get delayed and requires correction many a times.

- ii) Data for unit trippings was earlier provided at ERPC site, same may be continued for easy verification.

NTPC may update. NLDC & ERLDC may clarify.

**ITEM NO. B.12: Reconciliation of GMRKEL Deviation Charges for the period
05.12.2022 to 16.04.2023**

Reconciliation statement of GMRKEL Deviation Charges for the period 05.12.2022 to 16.04.2023 is required to be reconciled and modified in line with the applicable Reference Charge Rate (RCR) as per DSM Regulation, 2022.

Request your good self to consider the applicable Reference Charge Rate (RCR) for GMRKEL as per DSM Regulation, 2022 and kindly revise weekly Deviation Charges for the said period (05.12.2022 to 16.04.2023)

Please refer the enclosed (**Annexure B12**) which includes the following details:

1. Sub sheet - "Reconciliation day wise cal":- It comprises of Energy Cost (Rs./kWh) published by ERPC and applicable Reference Charge Rate (Rs./kWh) for GMRKEL as per DSM Regulation, 2022. Based on which, day-wise receivable Deviation Charges is calculated for period 05.12.2022 to 16.04.2023.
2. Sub sheet - "ECR calculated for PPA":- It comprises of Weighted average Reference Charge Rate (RCR) which is calculated based on PPA wise quantum (MW) and corresponding energy charge (Rs./kWh) (under section 63 & 62 of EA, 2003) for period Dec'22 to April'23.
3. Sub sheet - "Energy charge with Ex- sale":- It comprises of weighted average energy cost (Rs. /kWh) based on energy charges of PPAs (under section 63 & 62) and actual exchange bilateral sale. Calculated energy cost (Rs. /kWh) is linked with applicable Reference Charge Rate (Rs. /kWh) of sub sheet no. 1 i.e., "Reconciliation day wise cal". For your reference, Price of exchange bilateral sale is calculated as (Ex-bus revenue on the day / Ex-bus quantum in MUs).

Further, excel working (**Annexure B12**) of Day-wise & block-wise deviation charges based on applicable "weighted average energy cost (Rs. /kWh)" of GMRKEL is also attached herewith for your kind perusal.

GMR may update. Members may discuss.

ITEM NO. B.13: Requirement of Blockwise data related to Transmission Deviation Charges i.r.o. of West Bengal from January 2016 for computation of sharing of Transmission Deviation Charges levied on West-Bengal among all intra-state utilities in the State of West Bengal.

Transmission Deviation charges are required to be paid for any deviation to the transmission capacities booked with the ISTS (Inter State Transmission System) in a particular time block. Any over-drawal by a drawee entity of the state and/ or any under-injection by an injecting entity within the state in a particular time block causes deviation in state's overall drawal from the

14/23

ISTS. When such deviation goes beyond the total contracted capacity of the state, Transmission Deviation charge become applicable.

Hon'ble WBERC has issued an order dated 19.06.2023 (IN CASE NO. OA-271/17-18) for apportionment of transmission deviation charges amongst all the intra-state entities connected to the STU system viz. InSGS, Distribution Licensees and Open Access due to over-drawal of West Bengal as a State at CTU- STU interface for a particular time block. As per the order SLDC, WB has to compute the ratio of sharing amongst all the intra-state entities of West Bengal by taking the required data from the Eastern Regional Power Committee (ERPC) and inform all the intra state entities and STU, the amount of Transmission Deviation Charges to be paid on monthly basis.

In view of the above, Eastern Regional Power Committee (ERPC) is requested to share block-wise data related to Transmission Deviation charges i.r.o. West Bengal from January, 2016.

ITEM NO. B.14: Statement of Reconciliation between WBSEDCL and Department of Energy & Power, Sikkim for outstanding dues as on 30.06.2023.

The Energy and Power Dept., Govt. of Sikkim has an agreement with Govt. of W.B. through the then WBSEB now WBSEDCL, for purchase of power at a tariff which is at the generation cost of Rammam Hydel Project of WBSEDCL. WBSEDCL also purchase power from Govt. of Sikkim at a consumer mode. The quantum of power sale by WBSEDCL is considerably higher than the power purchase from Govt. of Sikkim whereas the tariff rate of WBSEDCL sale is considerably very low in comparison (Rs.1.28/KWH) to the tariff of power purchase (Rs.5.50/KWH) by WBSEDCL from Govt. of Sikkim.

The Govt. of Sikkim has been drawing power from WBSEDCL on regular basis but reluctant to pay the bill within due time. As a result, the outstanding dues from Govt. of Sikkim stands Rs.87.21 Cr.(including LPSC) up to the consumption month of Jun , 2023. On the contrary, WBSEDCL used to pay Govt. of Sikkim, their dues within due date since long but without having any alternative and no response from the Govt. of Sikkim started adjusting the power purchase bill with the outstanding dues from Mar, 2017 to till date. As a result, the net due from Govt. of Sikkim now stands for Rs .87.21 CR. after all adjustments. The Govt. of SIKKIM made only payment of Rs. 66 lakhs on 14.03.2022 during all these years.

The evidence in support of the claim of WBSEDCL is duly annexed with this agenda where it shows the detail calculation of outstanding dues, some of the correspondences out of many with Govt. of Sikkim regarding realization huge number outstanding dues.

WBSEDCL, raised their concern during the 42nd Commercial Sub- Committee meeting on 25-02-2020 but nothing was found fruitful. Finding no other remedy to realize the dues from Govt. of Sikkim and as the matter is now reached an alarming state, once again making an appeal before the Hon'ble ERPC to intervene into the matter as Govt. of Sikkim as well as WBSEDCL both are constituent members of ERPC.

WBSEDCL may update. Sikkim may explain.

ITEM NO. B.15: Agenda by ERLDC.**A. Default details of constituents pertaining to Deviation, Reactive, Fees and Charges.**

The details of major defaulters as on 24.07.2023 considering the ERPC bills dated 13/07/23 (Wk- 26/06/23 to 02/07/23) for DSM charges and Reactive charges are tabulated below-

Jharkhand:

	JBVNL
DSM (in Cr)	₹ 22.72 Cr /-
Reactive (in Cr)	-
LC	LC Partially opened of ₹ 1.39 Cr.
Due date of expiry of LC	14/03/2024
Reconciliation	DSM: Pending from Q2 of FY 2020-21 Reactive: Pending from Q1 of FY 2019-20 FnC: Pending from Q1 of FY 2021-22

Sikkim:

	Sikkim
DSM (in Cr)	₹ 23.85 Cr /-
Reactive (in Cr)	-
Fees and Charges	₹ 8.63 Lakhs /-
LC	No Valid LC
Due date of expiry of LC	NA
Reconciliation	DSM: Pending from Q2 of FY 2019-20 Reactive: Pending from Q1 of FY 2019-20 FnC: Pending from Q1 of FY 2021-22

Further, the details of other pool members are enclosed as **Annexure-B15.1** and **Annexure-B15.2**.

JBVNL & SIKKIM may confirm the program for payment of outstanding dues.

B. Interest due to delayed payment of deviation charges/RRAS

Due to the delayed payment of deviation charges in the DSM Pool interest was computed for all the DSM Pool Members for FY 2020-21. The current outstanding of OPGC is **₹ 0.24 lakhs**. The status of interest is enclosed in **Annexure-B15.3**.

OPGC may update the status of the same.

C. Opening of LC by ER Constituents for DSM Payments.

The details of LC amount required to be opened, as per ERLDC letter dated 21/04/2023, for default in FY 2022-23 by ER constituents is given in table below -

SI No	ER Constituents	LC Amount (110% of Average weekly Deviation Charge liability)	Due date of expiry	Remarks
1	BSPTCL	404.55551	12-11-2023	LC opened for ₹ 213,53,049 /-
2	JUVNL	347.61817	14-03-2024	LC opened for ₹ 139,64,455 /-
3	DVC	265.67154	-	No Valid LC
4	Sikkim	46.0397	-	No Valid LC
5	APNRL	25.95437	-	No Valid LC
6	CHUZACHEN	2.46842	-	No Valid LC
7	GMR	20.05681	-	No Valid LC
8	JITPL	30.09467	-	No Valid LC
9	JLHEP	25.22302	-	No Valid LC
10	BRBCL	36.77389	-	No Valid LC
11	Dikchu	3.92202	01-08-2023	LC opened for ₹ 174,484 /-
12	Tashiding	8.3789	-	No Valid LC

Further, the details of other pool members are enclosed as Annexure-B15.4.

D. Status of PSDF.

An amount of total ₹ 117.09 Cr (DSM: 100.79 Cr, Reactive: 16.23 Cr) from the Deviation and Reactive Pool account has been transferred to PSDF after the 48th Commercial sub-committee meeting held on 14.03.2023. With this the total amount of ₹ 2181.71 Cr has been transferred to PSDF so far. The breakup details of fund transferred to PSDF (till 05.07.23) is enclosed in Annexure B15.5.

This is for information to the members.

E. Reconciliation of Pool Accounts.

The reconciliation statements of DSM, Reactive, RRAS, AGC and SRAS charges are being issued by ERLDC on quarterly basis and statements are being sent to the respective constituents and also being uploaded at ERLDC website at <https://erldc.in/market-operation/dsmreconciliation/>. The status of reconciliation as on 25.07.2023 is enclosed in Annexure-B15.6 and 15.7.

Constituents are requested to take necessary action for the signing of pending reconciliation statements.

F. Short term Open Access.

1. For STOA Payments made to SLDC/STU and CTU.

The reconciliation statements of STOA payments of Q-4 for FY 22-23 have been sent to the DVC, OPTCL, BSPTCL, Jharkhand, Andhra Pradesh, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Uttar Pradesh, Telangana, WBSETCL and CTU on dated 18.04.2023 and also uploaded the same at ERLDC website at <https://erldc.in/open-access/reconciliation-sldc-stu/>. The constituents were requested to verify /check the same & comment (if any) to ERLDC at the earliest.

The status of reconciliation is enclosed in **Annexure- B15.8.**

Constituents are requested to update the status of reconciliation.

2. For Payments made to STOA Applicants.

The reconciliation statements of STOA payments for the period of Q4 for FY 22-23 have been sent to the JBVNL, JITPL, APPCPL, DALMIA CEMENT (BHARAT) LIMITED (RCW), HPX, IEXL, IPCL, NALCO(AP), NALCO(OD), KEIPL, PXIL, SPTPL and TPTCL on dated 18.04.2023 and also uploaded the same at ERLDC website at <https://erldc.in/open-access/reconciliation-applicant/>. The constituents were requested to verify /check the same & comment (if any) to ERLDC at the earliest.

The status of reconciliation is enclosed in **Annexure-B15.8.**

Constituents are requested to update the status of reconciliation.

G. Fees and charges of ERLDC.

The reconciliation statements of FnC payments by registered users of ERLDC have been sent up to the period of Q4 of FY 2022-23. The same is also available at FnC portal <https://fc.posoco.in/FnCWeb/#/landing>. Many of the users are yet to sign the reconciliation statement. The constituents were requested to verify /check the same & comment (if any) to ERLDC at the earliest.

The status of reconciliation is enclosed in **Annexure- B15.9.**

Constituents are requested to update the status of reconciliation.

H. Resolution of NCLT of Deviation Charges by IBEUL:

Ind-Barath Energy (Utkal) Ltd (IBEUL) was a persistent defaulter against the payment of the deviation charges and also failed to open the Letter of Credit (LC) for default in payment of deviation charges, violating Regulation 10(4) of the DSM Regulation. The matter was discussed in various Commercial Sub-Committee meetings (CCM) at ERPC. In the 43rd CCM dated
Agenda for 49th CCM

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21.09.2020, it was noted that the final principal outstanding of ₹ 112.50429 lakh and interest calculated up to 29.05.2019 is of ₹ 26.67585 lakh i.e., total ₹ 139.18014 lakh.

A petition in CERC had been filed in July 2018 by ERLDC against M/s IBEUL for outstanding dues pertaining to DSM & ERLDC Fees & Charges. Hon'ble Commission directed in order against petition no. 230/MP/2018 dated 16.04.2019 that the Petitioner (ERLDC) is at liberty to approach NCLT (National Company Law Tribunal) for appropriate directions in accordance with the law. Further, ERLDC filed a claim in NCLT on 31.05.2019 through Interim Resolution Professional/ Resolution Professional i.e., Ms. Sumedha Management Solutions Private Limited and the same is admitted by NCLT.

Hon'ble National Company Law Tribunal, Hyderabad Bench, vide its order dated July 25, 2022 had, inter alia, approved the resolution plan submitted by JSW Energy Ltd. in the corporate insolvency resolution process of Ind-Barath Energy (Utkal) Limited ("IBEUL").

On dated 29.12.2022 two amounts were credited in ERLDC establishment account, one is against ERLDC Fees & Charges outstanding and the other is against the DSM charges. Amount of ₹ 349096.89 as mentioned in the table pertains to the DSM charges.

The details of the statement is tabulated below-

Date (Value Date)	Narration	Debit	Credit
29-Dec-2022 (29-Dec-2022)	BY TRANSFER NEFT*ICIC0000105*ICIJ223630001133 *INDBARATH ENERGY		1,54,897.96
29-Dec-2022 (29-Dec-2022)	BY TRANSFER RTGS UTR NO: ICICR42022122900102439 INDBARATH ENERGY UTKAL LIMITED CIRP		3,49,096.89

The amount of Rupees 349096.89 received against DSM outstanding in the ERLDC establishment account is to be transferred to the ER Deviation and Ancillary Services Pool account. The balance/un-settled amount of Rupees 135.689 lakhs may be write-off.

Members may discuss.

ITEM NO. B.16: Agenda by CTU/Powergrid

A. Non-Opening of requisite amount of LC:

- (i) Following constituents are required to enhance/ extend LC towards Payment Security Mechanism, as per Annexure-8 of 8.2 of Para 8.0 of BCD Procedure and CERC Regulations:

SI No	Name of DIC's	Required Value of LC (in Cr.)	Present Value of LC (in Cr.)
(i)	North Bihar Power Distribution Company	79.99	9.73

	Limited (NBPDC)		
(ii)	South Bihar Power Distribution Company Limited (SBPDCL)	93.91	15.27
(iii)	Jharkhand Bidyut Vitran Nigam Ltd (JBVNL)	28.49	11.52
(iv)	Sikkim	3.33	--

- Letter of Credit (LC) to be opened in favour of **CTUIL for POC & POWERGRID** towards **Non-POC Billing**.

B. Payment of Outstanding dues more than 45 days:

SI No	Name of DIC's	Total Outstanding Dues (in Cr.)	Outstanding Dues more than 45 days (in Cr.)
(i)	Jharkhand Bijli Vitran Nigam Limited (JBVNL)	97.01	67.54
(ii)	South Bihar Power Distribution Company Limited (SBPDCL)	200.17	102.82
(iii)	North Bihar Power Distribution Company Limited (NBPDC)	170.52	87.58
(iv)	West Bengal State Electricity Transmission Company Ltd. (WBSETCL)	28.08	27.91
(v)	West Bengal State Electricity Distribution Company Ltd. (WBSEDCL)	85.83	9.76
(vi)	Odisha Power Generation Company Limited (OPGCL)	10.96	10.96
(vi)	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	36.04	35.05
	Total	628.61	341.62

C. Non-payment of RTDA bills:

The following DIC's are not paying RTDA bills:

SI No	Name of DIC's	Outstanding dues	Remarks
--------------	----------------------	-------------------------	----------------

(i)	West Bengal State Electricity Distribution Company Ltd. (WBSEDCL)	9.76 Cr.	Outstanding dues of INR 1.20 Cr. pending for long period, INR 2.91 Cr. (bill dtd. 09.12.2022) & INR 5.65 Cr. (bill dtd. 10.05.2023) against RTDA bills are still pending with WBSEDCL despite of several follow up regarding this.
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PART C: ITEMS FOR INFORMATION

ITEM NO. C.1: List of Assets during March'23 to June'23 of Eastern Region (ER).

Under the project "Provision of spare ICTs in Eastern Region", procurement of following transformers as regional spare for Eastern Region, were under the scope of work:

400KV

- i) 500MVA, 400/220kV 3-phase Auto Transformer as regional spare for Bihar, Odisha & West Bengal (one in each state): 3 nos.
- a) 1 No. 500MVA, 400/220kV ICT at 400/220kV Pusauli SS
b) 1 No. 500MVA, 400/220kV ICT at 400/220kV Pandiabili SS
c) 1 No. 500MVA, 400/220kV ICT at 400/220kV Maithon SS

220KV

- ii) 160MVA, 220/132kV 3-phase Auto Transformer as regional spare for Jharkhand & Odisha (one in each state): 2 nos.
- a) 1 No. 160MVA, 220/132kV ICT at 400/220/132kV Daltonganj SS
b) 1 No. 500MVA, 400/220kV ICT at 400/220/132kV Baripada SS

As per the Investment Approval, the commissioning schedule of the project is 24 months from the date of Investment Approval. The date of Investment Approval is 04.10.2021 and hence the assets are to be commissioned and put under commercial operation w.e.f. 04.10.2023. The present status of commissioning of these assets are as follows:

Sl. No.	Asset Description	Present status	Anticipated date of DOCO
1	500MVA, 400/220kV ICT at 400/220kV Pusauli SS	Testing under progress	31.07.2023
2	500MVA, 400/220kV ICT at 400/220kV Pandiabili SS	Oil circulation in Transformer under progress	31.07.2023
3	500MVA, 400/220kV ICT at 400/220kV Maithon SS	Oil filling in storage tank started	15.08.2023
4	160MVA, 220/132kV ICT at 400/220/132kV Daltonganj SS	Completed	06.07.2023
5	500MVA, 400/220kV ICT at 400/220/132kV Baripada SS	Completed	31.03.2023

There is no time overrun from schedule date of commissioning as given in the investment approval. As the asset is going to be commissioned early w.r.t. scheduled date of commissioning, it is proposed that the early DOCO of the above-mentioned spare ICTs may be approved by forum.

Agenda for 49th CCM

22/23

ITEM NO. C.2: List of Assets during October'22 to February'23 of Eastern Region (ER)

A	Provision of Spare ICTs in Eastern Region	DOCO	Remarks	Region
1	01 No. 160 MVA, 220/132 KV, 3-Ph ICT at 400/220/132 KV Baripada S/S (Regional Spare ICT for Odisha)	31-03-2023	DOCO Letter Dtd. 31.03.2023	Odisha Proj.
2	01 No. 160 MVA, 220/132 kV ICT at 400/220/132 kV Daltonganj S/s	06.07.2023	DOCO Letter Dtd. 10.07.2023	ER-I
B	Baharampur (POWERGRID)- Bheramara (Bangladesh) 2nd 400 kV D/C Transmission Line (Indian Portion)	DOCO	Remarks	Region
1	Baharampur (POWERGRID)- Bheramara (Bangladesh) 2 nd 400 kV D/C Transmission Line (Indian Portion) and associated bays at Baharampur S/S	27-07-2020	DOCO Letter Dtd. 13.04.2023	ER-II
C	ERES XXVI	DOCO	Remarks	Region
1	1x500 MVA, 400/220kV 3rd ICT along with associated bays at Ranchi (PG) S/s.	01-06-2023	DOCO Letter Dtd. 01.06.2023	ER-I
2	400 kV Transformer Bays- 01 No.			
3	220 kV Transformer Bays- 01No.			
D	Package-I: Eastern Region Fibre Optic Expansion Project (Additional Requirement)	DOCO	Remarks	Region
1	Maithon RB-Ranchi (OPGW-188 Km SDH-02 nos	19-06-2021	DOCO Letter Dtd. 26.06.2023	ER-I
2	Barh-Gorakhpur (OPGW-353.017 Km, SDH - 02 nos., DCPS-01 no.)	12-10-2022		
3	Kishenganj-Patna (OPGW-346.67 Km, SDH-03 nos., DCPS-01 no., NMS-01 no.	17-05-2023		



सत्यमेव जयते

भारत सरकार
Government of India
केंद्रीय विद्युत्प्राधिकरण
Central Electricity Authority
पश्चिमक्षेत्रीयविद्युत्समिति

Western Regional Power Committee

एफ-3, एमआईडीसी क्षेत्र, अंधेरी (पूर्व), मुंबई- 400 093

F-3, MIDC Area, Andheri (East), Mumbai - 400 093

दूरभाष/Phone: 022-28221681, 2820 0194, 95, 96

Website: www.wrpc.gov.in

आईएसओ:
9001-2015
IS/ISO:9001-2015

फैक्स/Fax: 022-2837193

E-mail: comm1-wrpc@nic.in

No. WRPC/Comm1-I/REA/Gen corr/

353 =

Date 28-06-2023

सेवा में/ To,

Chairman cum Managing Director,
BSPHCL, Vidyut Bhawan,
Jawahar Lal Nehru Marg,
Patna-800021

विषय: Rejection of bills raised by NPCIL for allocation of Power to Bihar from Un-Allocated quota of CGSs of WR -reg.

महोदय/ Sir,

Reference is invited to power allocation issued vide letter no. WRPC/Comm-1/6//Alloc/2023/170 Dated 02/05/2023 (copy enclosed as annexure -I), wherein 30 MW Power was allocated to Bihar from Un-Allocated quota of Central Generating Stations (CGSs) of Western Region w.e.f. 03.05.2023 as per Ministry of Power (MoP) power allocation order issued vide 22/10/2023-OM 267541 dated 01.05.2023 (copy enclosed as annexure -II).

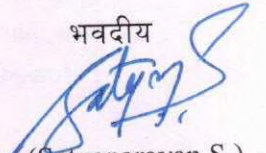
It may kindly be noted that as per MoP's above Power allocation order dated 01.05.2023, the power was allocated as per the Bihar State request. Subsequent to implementation of the said WRPC power allocation order by WRLDC, the power from some of CGSs of WR including NPCIL's Kakrapar station (KAPS) was scheduled to Bihar and the same was reflected in Provisional Regional Energy Account for the month of May, 2023 issued by WRPC vide its letter no. WRPC/Comm1-I/ABTREA/2023/5.0/5252 dated 02.06.2023 (copy enclosed as annexure -III).

As per CERC regulation, Nuclear stations such as KAPS are must-run station and power injected from these stations into the grid is deemed scheduled to the beneficiary as per percentage entitlement of beneficiary in the station.

NPCIL vide its letter no. KAPS/ACTS/EB/2023-24/251 dated 14.06.2023 (copy enclosed as annexure -IV) has informed WRPC that SBPDCL has rejected/returned the bills raised by NPCIL with remark" the invoice is without supporting PPA as required vide MoP letter No. F.No. 22/10/2023-OM 264541 dated 01.05.2023 have not been complied i.e. PPA has not been signed.

In view of above, M/s NBPDCCL & M/s SBDCL is requested to settle the energy scheduled to Bihar from NPCIL's Kakrapar station (KAPS) for the month of May 2023.

Encl.: As above.

भवदीय

(Satyanarayan S.)
Member Secretary

Copy to:

1. Chairperson, CEA
2. Energy Secretary, Bihar
3. Member Secretary, ERPC
4. Chief Engineer (GM Division), CEA
5. Director (OM Division), Ministry of Power



भारत सरकार
Government of India
केंद्रीय विद्युत प्राधिकरण
Central Electricity Authority
पश्चिम क्षेत्रीय विद्युत समिति
Western Regional Power Committee

एफ -3, एमआयडीसी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400 093

F-3, MIDC Area, Andheri (East), Mumbai - 400 093

टेलीफोन Phone: 022-2822 1636, 2835 3222, 2820 0194, 95, 96

Website: www.wrpc.nic.in



आई एस/आई एस ओ :
9001-2015

IS/ISO: 9001-2015

फैक्स Fax: 022-2837 0193

E-mail: commi-wrpc@nic.in

No.WRPC/Commi-I/6/Alloc/2023/

170

Date: 2nd May, 2023

To.

The Executive Director,
POSOCO WRLDC,
F-3, MIDC Area, Andheri (E).
Mumbai - 400 093.

Ref: MoP letter No: 22/10/2023-OM [267541] dated 01.05.2023.

Sir,

Subject: Allocation of Power to Bihar from Unallocated Quota of various regions -
reg

- CEA vide email dated 01.05.23 have forwarded MoP order under ref intimating the decision of MoP to allocate power from the unallocated quota of Western regional pool to Bihar, round the clock, as detailed below:

S. No.	Unallocated Pool Region	Power	Currently Allocated State/UT	Allocated to MW	Period
1	Western Pool	Region	Uttar Pradesh	30 MW	From 01.05.2023 to 31.07.2023

- The revised allocation for shares and the percentage allocation of WR are enclosed herewith.
- The allocation enclosed herewith would be effective with immediate effect, commensurate with the PushP portal (NPC CEA) time lines.
- The effective date of the allocation may be intimated to all the concerned beneficiaries and stakeholders by WRLDC under intimation to WRPC.
- As regards to the restoration of the share allocation mentioned in WRPC letter no. WRPC/Commi-I/6/Alloc/2023/153 dated 18.04.2023, a new revised share allocation shall be issued by WRPC.
- The beneficiaries are required to sign/extent PPA and enter into commercial arrangement/maintain LC commensurate with the allocated power.

Encl: As above.

Your's Faithfully

(Satyanarayan S.)

Member Secretary

Copy to:

- | | |
|--|---|
| 1. GM, WRLDC, Mumbai | 11. Chief Engineer (PP), MSEDCL, Mumbai |
| 2. Chief Engineer (LD), GETCO, Jambua | 12. Chief Engineer (Comml), MP Power Trading Co. Ltd., Jabalpur |
| 3. Chief Engineer (LD), MP PTCL, Jabalpur | 13. AGM (Comml), NTPC Ltd., Mumbai |
| 4. Chief Engineer (LD), CSPTCL, Bhilai | 14. AGM (Comml), NPCIL, Mumbai |
| 5. Chief Engineer, LD, MSETCL, Kalwa | 15. AGM (Comml), PGCIL, Nagpur |
| 6. CEE, Electricity Deptt. Goa | 16. Chief Engineer (GM), CEA, New Delhi |
| 7. Executive Engineer, DD, Daman | 17. SME (Electrical), TAPS (3 &4), NPCIL |
| 8. Executive Engineer, DNH, Silvassa | 18. SME(Electrical), KAPS, NPCIL |
| 9. E D (Finance), GUVNL, Vadodara | 19. Managing Director, M P A K V N L, Indore |
| 10. Chief Engineer (Comml), CSPDCL, Raipur | 20. SE (O), WRPC, Mumbai |
| 21. CE (Elect.), Heavy Water Board, Mumbai | 22. VP, DNHDDPDCL |

Copy with a request to intimate the beneficiaries of NR, ER & SR :

- | | |
|--------------------------|--------------------------|
| 1. Member Secretary SRPC | 3. Member Secretary NRPC |
| 2. Member Secretary ERPC | |



F.No.22/10/2023-OM[267541]

भारतसरकार
Government of India
विद्युत मंत्रालय
Ministry of Power

F-Wing, Nirman Bhawan, Maulana Azad Road,
New Delhi, the 1st May, 2023

To,
Chairperson
Central Electricity Authority (CEA)
Sewa Bhawan, R.K. Puram,
New Delhi -110066

Subject: Allocation of Power to Bihar from Unallocated Quota of various regions –reg.

Sir,

Keeping in view of the request of Bihar, it has been decided to allocate power from the unallocated quota of various regional pools to Bihar, round the clock, as detailed below:

S. No.	Unallocated Power Pool Region	Currently allocated to State/ UT	Allocated MW	Period
1.	Northern Region Pool	Madhya Pradesh	30 MW	From 01.05.2023 to 31.07.2023.
2.	Western Region Pool	Uttar Pradesh	30 MW	From 01.05.2023 to 31.07.2023.
3.	Northern Region Pool	Delhi	90 MW	From 01.05.2023 to 31.05.2023.
4.	Southern Region Pool	60MW from Karnataka 30MW from Tamil Nadu	90 MW	From 01.06.2023 to 31.07.2023.

2. The beneficiaries are required to sign/extent PPA and enter into commercial arrangement/maintain LC with the allocated power.

3. CEA is requested to get the allocation implemented with immediate effect under intimation to all concerned.

Yours faithfully,



(Hausuanthang Guite)
Under Secretary to the Govt. of India
Telefax: 23062492
Email: opmonitor-power@nic.in

Copy to:

1. Chief Engineer (GM), Central Electricity Authority, R.K. Puram, New Delhi-110066
2. Member Secretary, Northern Regional Power Committee (NRPC), Qutab Institutional Area, Katwaria Sarai, New Delhi-110016
3. Member Secretary, Southern Regional Power Committee (SRPC), No.-29 Race Course Cross Road, Bengaluru-560009
4. Member Secretary, Western Regional Power Committee (WRPC), F-3, MIDC Area, Marol, Opp. SEEPZ, Central Road, Andheri East, Mumbai, Maharashtra-400093
5. Additional Chief Secretary (Energy), Govt of Karnataka, 2nd Floor, Vidhana Soudha, Dr. B.R Ambedkar Street, Bengaluru-560001
6. Principal Secretary(Energy), Govt. of MP, VB-2, Vallabh Bhawan Annex, Mantralay Bhopal-462004
7. Principal Secretary (Energy), Govt. of Uttar Pradesh, Bapu Bhawan, UP Sachivalay, Lucknow-226001.
8. Principal Secretary (Energy), Govt. of Tamil Nadu, Energy Department, Secretariat, Chennai -600009
9. Secretary, Department of Power, Govt. of NCT of Delhi, 8th Level, B-Wing, Delhi Secretariat, IP Estate, New Delhi -110002



भारत सरकार
Government of India
कन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पश्चिम क्षेत्रीय विद्युत समिति



Western Regional Power Committee

आई एस ओ : 9001-2015

एफ -3, एमआयडीसी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400 093

ISO: 9001-2015

F-3, MIDC Area, Andheri (East), Mumbai - 400 093

ट्रिभाप Phone: 022- 28221681; 28250004; 28200195; फैक्स Fax : 022 – 28370193

Website : www.wrpc.gov.in

E-mail: comml-wrpc@nic.in

सं.पक्षेविस/वाणिज्य-1/एबीटीआरईए/2023/5.0/ 5252

दिनांक: 02.06.2023

No:WRPC/Comml.-I/ABTREA/2023/5.0/

सेवा में /To,

(सूची के अनुसार /As per list)

विषय:- मई 2023 माह के लिए एबीटी आधारित आरईए ।

Sub:- REA based on ABT for the month of May 2023.

महोदय / Sir ,

इस पत्र के साथ पक्षेभाप्रेकेन्द्र, मुंबई द्वारा प्रस्तुत डाटा के अनुसार मई 2023 माह के लिए तैयार किया गया प्रोविज़नल क्षेत्रीय ऊर्जा लेखा (आरईए) तथा यू.आर. एस. ऊर्जा विवरण (.xls फ़ाइलें) संलग्न हैं ।

सभी संबंधित घटकों से अनुरोध है कि इस विषय में यदि कोई विवाद / त्रुटि हो तो यह आरईए जारी होने की तिथि से 15 दिन के अंदर आवश्यक कार्रवाई हेतु इस कार्यालय को सूचित करें ।

उपरोक्त क्षेत्रीय ऊर्जा लेखा की सॉफ्ट कापी <http://www.wrpc.gov.in> पर उपलब्ध है ।

Please find enclosed herewith the Regional Energy Account and details of Unrequisitioned power (in .xls files) for the month of May 2023 prepared through the new software of WRPC and as per data furnished by WRLDC.

REA is prepared as per the provisions of the CERC (Terms and Conditions of Tariff) Regulations, 2019.

All concerned entities are requested to intimate any discrepancy / error within 15 days from the date of issue of this REA for necessary action at our end.

Softcopy of the above Regional Energy Account is available on WRPC website (<http://www.wrpc.gov.in>).

भवदीय/Yours faithfully,

संलग्न Encl:: उपरोक्तानुसार/As Above

(P.D.Lone)

Superintending Engineer (C)

WESTERN REGIONAL POWER COMMITTEE

Regional Energy Account for the Month of May-2023 | Rev.No. 0

Schedule for Nuclear and Hydro Power Plants (in MWh)

Beneficiary	KAPS	TAPS-I	TAPS-II	SSP	PENCH
BIHAR	317659	0	979069	0	0
DNHDDPDCL	15322015	0	35359813	0	0
GEB_Beneficiary	85888666	-933836	168835275	8800956	0
GOA_Beneficiary	10893597	0	9284520	0	0
HWP_DAE	8237117	0	0	0	0
JK&LADAKH	1241258	0	3530391	0	0
MPSEB_Beneficiary	68449661	0	119371963	31656926	1942569
MSEB_Beneficiary	97872542	-933836	248382055	14944414	971193
NDMC	620282	0	1765483	0	0
UPPCL	174364	0	430206	0	0
BARC_TAPS II	0	0	5752666	0	0
CSEB_Beneficiary	0	0	27613868	0	0
Total	289017161	-1867672	621305308	55402296	2913761

न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लि.

(भारत सरकार का उद्यम, परमाणु ऊर्जा विभाग)

काकरापार गुजरात स्थल

पोस्ट-अनुमाला, जि-सुरत, गुजरात - 394 651

वित्त एवं लेखा अनुभाग

आईएमओ-9001, आईएमओ-14001 और आईएमओ-45001 प्रमाणित संगठन



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड

www.npcil.nic.in

NUCLEAR POWER CORPORATION OF INDIA LTD.

(A Government of India Enterprise, Department of Atomic Energy)

KAKRAPAR GUJARAT SITE

PO-Anumala, Dist-Surat, Gujarat - 394 651

FINANCE & ACCOUNTS SECTION

AN ISO-9001, ISO-14001 AND ISO-45001 CERTIFIED ORGANISATION

GSTN : 24AAACN3154F1ZW

CIN : U40104MH1987GOI149458

PAN : AAACN3154F

No.KAPS/ACTS/EB/2023-24/ 251

14th June, 2023

To,

Shri Satyanarayan S.

Member Secretary

WRPC

F-3, MIDC Area, Andheri (E)

Mumbai - 400093

प. क्ष. वि. स. मुंबई /WRPC

आवक संख्या /Inward No. 169

दिनांक /Date: 27/06/2023

Sub.: Rejection of Bills raised on BSP(H)CL/Bihar DISCOMs

Ref.: i) WRPC letter No.WRPC/Comml-I/6/Alloc/2023/170 dated 02-05-2023

ii) KAPS invoice No. EB-380009 & EB-380019 dated 06-06-2023

Respected Sir,

This is with reference to above regarding allocation of power to Bihar from Unallocated Quota of Western Regional Pool and as per REA of WRPC for the month of May-2023 dated 02-06-2023, 3,17,659 units were exported by KAPS-1&2 to BIHAR. Accordingly, KAPS had issued invoices to M/s. NBPDCCL & M/s SBPDCL on 06/06/2023 (Copies of invoices are attached for reference) and the same were also updated on PRAAPTI portal.

KAPS in receipt of letter no. SBC/123/2023/609 dated 09-06-2023 from M/s. SBPDCL through e-mail regarding rejection of the bills raised for energy supplied to Bihar from un-allocated quota on the ground that "the bill can't be raised before complying the terms of letter of power allocation issued by MoP, GoI on 01.05.2023 i.e. signing of PPA". M/s. NBPDCCL & SBPDCL had returned the KAPS invoices on PRAAPTI portal also.

The allocation of power to Bihar from unallocated quota stands only for one month i.e. for May-2023 as the Power to Bihar from unallocated quota has been De-allocated by WRPC vide letter No. WRPC/Comml-I/6/Alloc/2023/5182 dated 30th May, 2023. So, there is no requirement of entering into PPA with Bihar as on date.

निगम कार्यालय : विक्रम साराभाई भवन, अणुशक्तिनगर, मुंबई-400 094

Corporate Office : Vikram Sarabhai Bhavan, Anushaktinagar, Mumbai-400 094

पंजीकृत कार्यालय : सेंटर-1, 16वां विश्व व्यापार केंद्र, कफ परेड, कोलाबा, मुंबई-400 095


Registered Office : Center-1, 16th Floor, World Trade Centre, Cuffe Parade, Colaba, Mumbai-400 095

Amount due from M/s. NBPDCCL & M/s SBPDCL for energy supplied by KAPS in the month of May-23 is Rs. 5,32,794/- and Rs. 6,25,455/- respectively.

In view of above, it is requested to intervene in the matter for getting the invoices accepted by M/s NBPDCCL & M/s SBPDCL for energy supplied by KAPS 1&2.

Thanking you,

Yours Faithfully,


(Sandeep Gupta)
DGM (F&A)

Encl.:

1. MoP allocation of power dated 01-05-2023
2. WRPC for allocation of power dated 02-05-2023
3. Extract of WRPC REA for May-2023
4. KAPS invoices dated 06-06-2023
5. BSPHCL letter dated 08-06-2023
6. SBPDCL letter dated 09-06-2023
7. WRPC de-allocation of power dated 30-05-2023

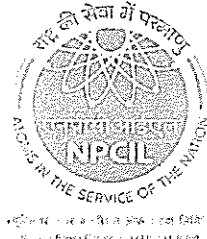
CC:

1. The Executive Director,
POSOCO WRLDC,
F-3, MIDC Area, Andheri (E)
Mumbai – 400093
2. Member Secretary
Eastern Regional Power Committee
14, Golf Club Road, Tollygunje
Kolkata, West Bengal – 700033
3. Chief Engineer (GM),
Central Electricity Authority,
Sewa Bhawan, R.K. Puram,
New Delhi – 110066
4. Chief Engineer (Comm.)
South Bihar Power Distribution Company Ltd.
Vidhyut Bhawan, Bailey Road,
Patna, Bihar- 800021
5. C.E. (Power Management Cell)
Bihar State Power (Holding) Company Ltd.
Vidhyut Bhawan, Bailey Road,
Patna, Bihar- 800021
6. Chief Engineer (Comm.)
North Bihar Power Distribution Company Ltd.
Vidhyut Bhawan, Bailey Road,
Patna, Bihar- 800021
7. Shri Hausuanthang Guite,
Under Secretary to Govt. of India
Ministry of Power,
F-Wing, Nirman Bhawan, Maulana Azad Road,
New Delhi

न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लि.
(भारत सरकार का उद्यम, परमाणु ऊर्जा विभाग)

काकरापार गुजरात स्थल
पो-अनुमला, जि-सुरत, गुजरात - 394 651

विद्युत एवं लेखा अनुभाग
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NUCLEAR POWER CORPORATION OF INDIA LTD.
(A Government of India Enterprise, Department of Atomic Energy)

KAKRAPAR GUJARAT SITE
PO-Anumala, Dist-Surat, Gujarat - 394 651

FINANCE & ACCOUNT SECTION
AN ISO-9001, ISO-14001 AND ISO-45001
CERTIFIED ORGANISATION

GSTN : 24AAACN3154F1ZW

CIN : U40104MH1987GOI140458

PAN : AAACN3154F

To,
General Manager (F&A),
South Bihar Power Distribution Company Limited,
Vidyut Bhawan, Jawahar Lal Nehru Marg, Patna-800001
GSTN: 10PTNS06262E1D4 PAN: PTNS06262E

Bill No. 380019	Date 06-Jun-23
-----------------	----------------

Product Electrical Energy
HSN No. 27160000
Due Date 30-Jun-23

Bill of Supply for the month : May-23

Energy Supplied based on REA No.WRPC/Comm-I/3/ABTREA/2022/5 Dt.02-Jun-23 (Kwh)		171536
Tariff Rate Details :	(₹/kWh)	Amount Rs.
i) Tariff as per Notification No.408/3/2022-Power/16662 dated 19-May-23	3.1151	5 34 352
ii) Fuel adjustment charges	0.0061	1 046
iii) HW Makeup adjustment charges	0.0035	600
iv) HW Lease adjustment charges	-0.0002	- 34
v) Self Insurance Fund Levy	0.0150	2 573
vi) Nuclear Liability Fund Levy	0.0500	8 577
vii) Decomm. Fund Adjustment Levy	0.0000	0
viii) Return on Equity Adjustment	0.0000	0
ix) Provisional Water Charge / Cess & Levies	0.3995	68 529
x) Insurance charges	0.0572	9 812
Total	3.6462	6 25 455

Rupees Six Lakh TwentyFive Thousand Four Hundred FiftyFive Only

Note: For delay in payments, Delayed Payment Charges (DPC) @ 18% per annum compounded quarterly will be levied from the last day of the month following the month in which bill is raised (i.e. from 01-Aug-23).

Certified that :

- 1 Bill is prepared as per REA account referred to above.
- 2 The rate charged is per Notification No.408/3/2022-Power/16662 dated 19-May-23

Details of Letter of Credit (LC)

Nil

BANK DETAILS:

STATE BANK OF INDIA, OVERSEAS BRANCH, MUMBAI (BR. CODE:4791)
ACCOUNT NO.10937612405, MICR CODE:400002063, IFS CODE:SBIN0004791
LEI Code: 3358001HKM661VTFMC86 valid upto 14-Sep-23

(Authorised Signatory)

Payment details please be intimated by e-mail: yogeshagarwal@npcil.co.in, hiteshdesai@npcil.co.in
Phone Nos. 02626-230566, 230237 Fax No.02626-234266/268 Tel Fax No.02626-230233

निम्न कार्यालय : विक्रम सारभाई भवन, अनुशक्तिनगर, मुंबई-400 094

Corporate Office : Vikram Sarabhai Bhavan, Anushaktinagar, Mumbai-400094

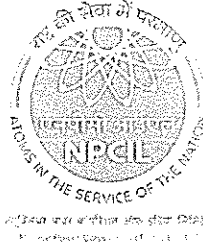
पंजीकृत कार्यालय : सेंटर-१, १६वां मंश्व व्यापार केंद्र, कफ परेड, कोलाबा, मुंबई-400 095

Register Office : Center-1, 16th Floor, World Trade Center, Cuffe Parade, Colaba, Mumbai-400 095

न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लि.
(भारत सरकार का उद्यम, परमाणु ऊर्जा विभाग)

काकरापार गुजरात स्थल
पोस्ट-अनुमाला, जि-सुरत, गुजरात - 394 651

वित्त एवं लेखा अनुभाग
आईएसओ-9001, आईएसओ-14001 और
आईएसओ-45001 प्रमाणित संगठन



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NUCLEAR POWER CORPORATION OF INDIA LTD.
(A Government of India Enterprise, Department of Atomic Energy)

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PO-Anumala, Dist-Surat, Gujarat - 394 651
FINANCE & ACCOUNT SECTION
AN ISO-9001, ISO-14001 AND ISO-45001
CERTIFIED ORGANISATION

GSTN : 24AAACN3154F1ZW

CIN : U40104MH1997GOI149458

PAN : AAACN3154F

To,
General Manager (F&A),
North Bihar Power Distribution Company Limited,
3rd Floor, Vidyut Bhava, Bailey Road, Patna-400001
GSTN: 10PTNE00994A1D2 PAN:

Bill No.	380009	Date	06-Jun-23
Product	Electrical Energy		
HSN No.	27160000		
Due Date	30-Jun-23		

Bill of Supply for the month : May-23

Energy Supplied based on REA No.WRPC/Comm-I/3/ABTREA/2022/5 Dt.02-Jun-23 (Kwh)		146123
Tariff Rate Details :	(₹/kWh)	Amount Rs.
i) Tariff as per Notification No.408/3/2022-Power/16662 dated 19-May-23	3.1151	4 55 188
ii) Fuel adjustment charges	0.0061	891
iii) HW Makeup adjustment charges	0.0035	511
iv) HW Lease adjustment charges	-0.0002	- 29
v) Self Insurance Fund Levy	0.0150	2 192
vi) Nuclear Liability Fund Levy	0.0500	7 306
vii) Decomm. Fund Adjustment Levy	0.0000	0
viii) Return on Equity Adjustment	0.0000	0
ix) Provisional Water Charge / Cess & Levies	0.3995	58 376
x) Insurance charges	0.0572	8 358
Total	3.6462	5 32 794

Rupees Five Lakh ThirtyTwo Thousand Seven Hundred NinetyFour Only

Note: For delay in payments, Delayed Payment Charges (DPC) @ 18% per annum compounded quarterly will be levied from the last day of the month following the month in which bill is raised (i.e. from 01-Aug-23).

Certified that :

- 1 Bill is prepared as per REA account referred to above.
- 2 The rate charged is per Notification No.408/3/2022-Power/16662 dated 19-May-23

Details of Letter of Credit (LC)

Nil

BANK DETAILS:

STATE BANK OF INDIA, OVERSEAS BRANCH, MUMBAI (BR. CODE:4791)
ACCOUNT NO.10937612405, MICR CODE:400002063, IFS CODE:SBIN0004791
LEI Code: 3358001HKM661VTFMC86 valid upto 14-Sep-23

(Authorised Signatory)

Payment details please be intimated by e-mail: yogeshagarwal@npcil.co.in, hiteshdesai@npcil.co.in
Phone Nos. 02626-230566, 230237 Fax No.02626-234266/268 Tel Fax No.02626-230233

निगम कार्यालय : विक्रम साराभाई भवन, अनुशाक्तिनगर, मुंबई-400 094
Corporate Office : Vikram Sarabhai Bhavan, Anushaktinagar, Mumbai-400094
पंजीकृत कार्यालय : सेंटर-१, १६वां विश्व व्यापार केंद्र, कफ परेड, कोलाबा, मुंबई-400 095
Register Office : Center-1, 16th Floor, World Trade Center, Cuffe Parade, Colaba, Mumbai-400 095



Bihar State Power (Holding) Company Limited

बिहार स्टेट पावर (होल्डिंग) कम्पनी लिमिटेड

Registered Office, Vidyut Bhawan, Bailey Road, Patna-800021

निबन्धित कार्यालय, विद्युत भवन, बैली रोड, पटना-800021

A Govt. of Bihar Undertaking

GST No. 10AAICB2394A27D, CIN No. U40102BR2012SGC018455

POWER MANAGEMENT CELL

U.O.I. No. ...69.....

Dated: 08/06/2023

BUFF-SHEET

C.E. (Commercial), NBPDC

C.E. (Commercial), SBPDCL

Sub: - Regarding non- admittance of bills raised by generators against allocation of Power to Bihar from Un-allocated quota various regions

Ref: MoP letter no F.No 22/10/2023-OM[267541] dated 01.05.2023

With reference to subject mentioned above and as per para 2 of the letter under reference, the beneficiaries are required to sign/extent PPA and enter into commercial arrangements/maintain LC with the allocated power. It is to state that no any PPA has been signed till date. However, some generating units have raised their bills on the basis of REA for May-23 without complying conditions of letter of MoP. It has also been learnt that the raised bills have been uploaded on PRAPTI PORTAL.

In this regard, it is requested to kindly return the raised bills on PRAPTI Portal immediately stating the reason "the Bill can't be raised before complying the terms of letter of power allocation issued by MoP, GoI on 01.05.2023 i.e Signing of PPA".

This is for your kind information and needful action

Encl:- As above.

self-
(Abhijeet Kumar)

C.E. (Power Management Cell)

Copy to: G.M. (F&A) NBPDC/ SBPDCL for kind information and necessary action at the earliest.

(Abhijeet Kumar)

C.E. (Power Management Cell)



SOUTH BIHAR POWER DISTRIBUTION CO. LTD.,

Registered Office: Vidhyut Bhawan, Bailey Road, Patna-21.

A Govt. of Bihar undertaking
(Commercial Department)

CIN No. U40109BR2012SGC018890

Letter No. 609 /
SBC/123/2023

Dated- 09-06-2023

From,

Purushottam Prasad,
Chief Engineer (Com.)

To,

Finance & Accounts Section,
NPCIL,
Corporate office : Vikram Sarabhai Bhawan,
Anushakti Nagar, Mumbai-400094

Sub. :- Rejecting the bills raised to BSP(H)CL/Bihar DISCOMs an account of allocation of power to Bihar from un-allocated quota.

Ref. :- (i) MoP letter no. F.No. 22/10/2023-OM[267541] dated 01.05.2023.
(ii) Chief Engineer (Power Management Cell), BSP(H)CL UOI No. 69 dated 08.06.2023.

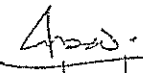
Sir,

With reference to the above subject, it is to inform that as "the bill can't be raised before complying the terms of letter of power allocation issued by MoP, GoI on 01.05.2023 i.e. signing of PPA", the following bills raised by your good office/organization to SBPDCL on account of allocation of power from un-allocated quota various region are hereby returned :-

Sr. No	Generator	Bill. No	Bill Date	Month/Period	Bill amount to SBPDCL
1	NPCIL Kakrapar	380019	6.6.23	May-23	625,455
2	NPCIL Tarapur Atomic Power Station	TMSEB2324037	5.6.23	May-23	1,800,685
3	NPCIL Tarapur Atomic Power Station	123RB7221	5.6.24	May-23	1,800,686

Encl.:- CE (PMC), BSP(H)CL UOI No. 69 dated 08.06.2023.

Yours faithfully


(Purushottam Prasad)
Chief Engineer (Com.)

South Bihar Power Distribution Co. Ltd.; Vidhyut Bhawan, Bailey Road, Patna - 21.

E-mail:- cecom.sbpdc122@gmail.com; Mob. No.-7763814744

(Com.) 96/2023
SUDHIR (DEO)



भारत सरकार
Government of India
केंद्रीय विद्युत प्राधिकरण
Central Electricity Authority
पश्चिम क्षेत्रीय विद्युत समिति

Western Regional Power Committee

एफ -3, एमआयडीआ क्षेत्र, अंधेरी (पूर्व), मुंबई - 400 093

F-3, MIDC Area, Andheri (East), Mumbai - 400 093

दूरभाष Phone: 022-2822 1636, 2835 3222, 2820 0194, 95, 96

Website: www.wrpc.nic.in



आई एस/आई एस ओ :
9001-2015

IS/ISO: 9001-2015

फैक्स Fax: 022-2837 0193

E-mail: comm1-wrpc@nic.in

No.WRPC/Comm1-I/G/Alloc/2023/

1008023

Date: 30th May, 2023

To.

The Executive Director,
POSOCO WRLDC,
F-3, MIDC Area, Andheri (E),
Mumbai - 400 093

Ref: MoP letter No: 22/10/2023-OM [267541] dated 30.05.2023.

Sir,

Subject: De-allocation of Power to Bihar from Unallocated Quota of various regions including WR pool - reg

1. CEA vide email dated 30.05.23 have forwarded MoP order under ref intimating the decision of MoP to De-allocate the round the clock power given to Bihar from the unallocated quota of Western regional pool and restore the same to previously allocated States with immediate effect as detailed below:

S. No.	Unallocated Pool Region	Power Region	Re- Allocated to State	Allocated MW	Period
1	Western Pool	Region	Uttar Pradesh	30 MW	With immediate effect until further orders

2. The revised allocation for shares and the percentage allocation of WR are enclosed herewith
3. The allocation enclosed herewith would be effective with immediate effect commensurate with the PushP portal (NPC CEA) time lines.
4. In view of Grid Controller of India Ltd (GCIL) communication (email dated 20.04.23 – copy enclosed) regarding difficulties in immediate implementation of the revised allocation, the effective date of the allocation may be intimated to all the concerned beneficiaries and stakeholders by GCIL under intimation to WRPC.
5. The beneficiaries are required to sign/extent PPA and enter into commercial arrangement/maintain LC commensurate with the allocated power.

Encl: As above.

Your's Faithfully

(Satyanarayan S.)

Member Secretary

Copy to:

1. GM, WRLDC, Mumbai
2. Chief Engineer (LD), GETCO, Jambua
3. Chief Engineer (LD), MP PTCL, Jabalpur
4. Chief Engineer (LD), CSPTCL, Bhilai
5. Chief Engineer, LD, MSETCL, Kalwa
6. CEE, Electricity Deptt. Goa
7. Executive Engineer, DD, Daman
8. Executive Engineer, DNH, Silvassa
9. E D (Finance), GUVNL, Vadodara
10. Chief Engineer (Comml), CSPDCL, Raipur
11. Chief Engineer (PP), MSEDCL, Mumbai
12. Chief Engineer (Comml), MP Power Trading Co. Ltd., Jabalpur
13. AGM (Comml), NTPC Ltd., Mumbai
14. AGM (Comml), NPCIL, Mumbai
15. AGM (Comml), PGCIL, Nagpur
16. SME (Electrical), TAPS (3 &4), NPCIL
17. SME(Electrical), KAPS, NPCIL
18. Managing Director, M P A K V N L, Indore
19. SE (O), WRPC, Mumbai
20. CE (Elect.), Heavy Water Board, Mumbai
21. VP, DNHDDPDCL

Copy with a request to intimate the beneficiaries of NR, ER & SR :

1. Member Secretary SRPC
2. Member Secretary ERPC
3. Member Secretary NRPC

Copy for information to :

1. CE (GM Division), CEA
2. CE (NPC Division), CEA



भारत सरकार
Government of India

विद्युत मंत्रालय
Ministry of Power
No. 11/29/2023-NHPC

New Delhi, the 27th June 2023

To,

The Chairperson,
Central Electricity Authority,
Sewa Bhawan, R.K. Puram
New Delhi

**Sub: Allocation of firm power from upcoming Hydro Projects of NHPC Ltd, its
JVs/Subsidiaries.**

Sir,

I am directed to forward herewith a copy of NHPC Ltd.'s letter No. NH/Comml./MOP/Allocation/2023/417 dated 08.06.2023 which is self explanatory. The shares of various states/utilities according to their entitlement from these projects is required to be finalized as per the allocation formula applicable to the central hydro power generating station(s).

2. NHPC Ltd. has indicated that the consent from various DISCOM/States has been received for procurement of Power from above projects. However, the signing of Power Purchase Agreements (PPAs) with States/DISCOMs is under process. As such, CEA is requested to examine the case and furnish their comments to this Ministry at the earliest, on the allocation to be made to the beneficiary states

Encl. As above

Signed by Pankaj Kumar Yours faithfully,
Sangwan
Date: 27-06-2023 10:26:42
Reason: Approved

Dy. Director (NHPC)
Tel No. 23324357

Copy to:

1. CMD, NHPC Ltd., Sector-33, Faridabad, Haryana

एनएच/वाणिज्यिक/एमओपी/आवंटन/2023/ 4/7

दिनांक 08.06.2023

अवर सचिव,
एनएचपीसी डेस्क,
ऊर्जा मंत्रालय, भारत सरकार,
श्रम शक्ति भवन,
रफी मार्ग, नई दिल्ली-110001

विषय: एनएचपीसी लिमिटेड, उसके जेवी/अनुषंगियों की आगामी जलविद्युत परियोजनाओं से राज्यों को बिजली का आवंटन।

महोदय,

कृपया उपर्युक्त विषय पर संलग्न पत्र एनएचपीसी पत्र संख्या NH/CommL/MOP/
Allocation/2023/4/7 दिनांक 08.06.2023 देखें।

धन्यवाद,

सादर,
(एम.के. गुप्ता)
समूह महाप्रबंधक(वाणिज्यिक)
Email: nhpc-pt@nhpc.nic.in

NH/Comml./MOP/Allocation/2023/ 417

Dated: 08.06.2023

The Under Secretary,
NHPC Desk,
Ministry of Power, Govt. of India,
Shram Shakti Bhawan,
Rafi Marg, New Delhi-110001

Sub: Allocation of power to states from upcoming Hydro Projects of NHPC Ltd, its JVs/Subsidiaries.

Sir,

NHPC Limited and its JV /subsidiaries are developing following hydro projects, detailed as under,

- 1) **Lanco Teesta Hydro Power Corporation Limited (LTHPL)**, wholly owned subsidiary of NHPC is developing 500 MW Teesta-VI HE. Project in state of Sikkim.
- 2) **Jal Power Corporation Limited (JPCL)**, wholly owned subsidiary of NHPC is developing 120 MW Rangit-IV HE. Project in state of Sikkim.
- 3) **Chenab Valley Power Projects Private Limited (CVPPPL)**, is a subsidiary Company of NHPC with JKSPDCL (Jammu & Kashmir State Power Development Corporation Ltd) holding equity share of 51% and 49% respectively and it is developing 1000 MW Pakaldul HE. Project and 540 MW Kwar HE Project in UT of J&K
- 4) **Ratle Hydro Power Corporation Limited (RHPCL)** is a subsidiary company of NHPC with JKSPDCL (Jammu & Kashmir State Power Development Corporation Ltd) holding equity share of 51% and 49% respectively and it is developing 850 MW Ratle HE. Project in UT of J&K.
- 5) NHPC approached States / DISCOM(s) across the country for obtaining consent for procurement of Power by States on long term basis. After vigorous follow-up and persuasion efforts by NHPC, consent from following DISCOM/States has been received for procurement of Power from above projects till date i.e.
Gujarat (1591 MW), Chhattisgarh (950MW), Madhya Pradesh (1020MW), Haryana (900MW), Punjab (180MW), NDMC, Delhi (150 MW), Rajasthan (In principal consent), UT of J&K (900 MW) and Maharashtra (367 MW). Details of

state wise consent against respective projects are enclosed at **Annexure A**. Copy of consent letters received from DISCOM/States is enclosed at **Annexure -B**

- 6) Further, as per clause 8.2 of supplementary Promoter Agreement signed between NHPC, JKSPDC & PDD-J&K for CVPPPL which is reproduced as under(relevant extract enclosed at **Annexure –C**):

"The GoJK shall get 12% free Power generated from the projects. An additional 1% free power for local area development fund shall also be provided by the company. The fund shall be operated as per the guidelines issued in the hydro power policy 2008. Further, out of balance 87% power, the GoJK would have the right to purchase power from the company in proportion to the share of JKSPDC in the equity of the company at the price determined as per regulatory norms. After this the balance power will be sold by NHPC at the market price to the purchaser with first right of refusal being given to Jammu & Kashmir Power Development Department."

J&K vide letter dated 08.03.2023 has given consent to procure 480 MW & 170.20 MW from Pakaldul & Kwar H.E. Projects respectively & it includes 12% free power & 1% LADAF. Further, exemption of free power to J&K from Pakaldul & Kwar project from COD of project shall be as per Govt. of J&K order dated 20.06.2014 and 28.12.2021 (copy enclosed at **Annexure –D**)

- 7) In respect of RHPCL, Promoter Agreement dated 13.04.2021 was signed between NHPC, JKSPDCL & Govt. of J&K through PDD. As per clause 8.2 (sharing of benefits) of Promoter Agreement reproduced as under: (Copy of relevant extract is enclosed at **Annexure- E**)

"In accordance with the extant of National hydro Policy of the GOI, the Government of Union Territory of Jammu and Kashmir is entitled to have 12% Free power and additional 1% free power for the local Area Development (LADF), however to make the project viable government of Union Territory of Jammu and Kashmir has agreed to provide exemption for free power in a decremental manner (i.e. free power to the Government of Union Territory of Jammu and Kashmir would be 1% in the first year after Commercial Operation Date (COD) rising 1% per year to 12% in the 12th year), exemption of water cess for 10 years from Commercial Operation Date and local taxes including reimbursement of SGST during the construction period."

Also, J&K vide letter dated 08.03.2023 has given consent to purchase 560.50 MW including 12% free power & 1% LADF from 850 MW Rattle H.E. Project.

8) Some states have given consent for procurement of major capacity and intimated that they will sign PPA only after approval of PPA / capacity from their respective SERC's. They are requesting for firm capacity allocation based on their consent & accordingly they will file petition in commission for approval.(Copy of HPPC, Haryana dated 01.02.2023 & 30.05.2023 enclosed at **Annexure-F**)

9) Present status of PPAs signed with states, who have given consent, is enclosed at **Annexure -A**

In view of above, Ministry of Power, GOI is requested to kindly allocate the power from 500 MW Teesta-VI, 120 MW Rangit-IV, 850 MW Ratle, 1000 MW Pakaldu and 540 MW Kwar HE Projects of NHPC /its subsidiaries /JVs amongst the interested states.

Thanking You,

Yours Sincerely,


(M.K. Gupta)
Group General Manager (Commercial)
Email: nhpc-pt@nhpc.nic.in

DETAILS OF UPCOMING HYDRO PROJECTS

DESCRIPTION	TEESTA-VI	RANGIT-IV	RATLE	PAKALDUL	KWAR	TOTAL
PROJECT OWNERSHIP	LTHPL	JPCL	RHPCL	CVPPPL		
INSTALLED CAPACITY (MW)	500	120	850	1000	540	3010
FREE POWER(12%)+ LADF(1%) -MW	65	16	111	130	70	391
STATUS OF PROJECT	Under Construction	Under Construction	Under Construction	Under Construction	Under Construction	
EXPECTED COMMISSIONING	JUL'25	AUG'2025	FEB'28	JUL'2025	NOV'28	
DISCOM/STATES	CONSENT (MW) RECEIVED FROM					
GUVNL, GUJARAT	429	103	377	443	239.6	1591.6
CSPDCL, CHATTISGARH	300		300	250	100	950.00
PSPCL, PUNJAB	85	20	75			180.00
HPPC, HARYANA	100	100	250	250	200	900.00
MPPMCL, MADHYA PRADESH	400	120	500			1020.00
MSEDCL, MAHARASTHRA			213	100	54	367.00
RUVNL, RAJASTHAN			In Principal consent			In Principal consent
NDMC, DELHI	50	50	50			150.00
JKPCL, J&K			560.5	480	170.2	1210.70
TOTAL	1364	393	2325.5	1523	763.8	6369.30
DISCOM/STATES	STATUS OF PPA					
GUVNL, GUJARAT	PPA SIGNED	PPA SIGNED	PPA SIGNED	PPA APPROVED SHALL BE SIGNED SHORTLY		
CSPDCL, CHATTISGARH	PPA SIGNED	-	PPA APPROVED SHALL BE SIGNED SHORTLY			
PSPCL, PUNJAB	PPA APPROVAL UNDER PROCESS AT STATE/DISCOM END					
HPPC, HARYANA	PPA APPROVED, HOWEVER, HPCC IS REQUESTING FOR ALLOCATION OF POWER BEFORE SIGNING.*					
MPPMCL, MADHYA PRADESH	PPA APPROVAL UNDER PROCESS AT STATE/DISCOM END					
MSEDCL, MAHARASTHRA			PPA APPROVAL UNDER PROCESS AT STATE/DISCOM END			
RUVNL, RAJASTHAN			PPA APPROVED SHALL BE SIGNED SHORTLY			
NDMC, DELHI	PPA APPROVAL UNDER PROCESS AT STATE/DISCOM END					

* HPCC, Haryana has intimated that they shall sign PPA after obtaining approval of their SERC and for filing of petition in SERC they want firm capacity allocation.



Mamta Verma, IAS
Principal Secretary



Government of Gujarat

Energy & Petrochemicals Department
Government of Gujarat
Sachivalaya, Gandhinagar-382010

To,
Shri Alok Kumar, I.A.S.
Secretary (Power)
Ministry of Power, Govt. of India,
Shram Shakti Bhavan,
Rafi Marg, New Delhi- 110001

22 JUN 2022

Respected Sir,

Sub: Allocation of power to GUVNL from various upcoming Hydro Projects offered by NHPC.

This is in reference to the offers received from NHPC vide letters dated 18.02.2022, 27.12.2021 and 7.10.2021 for supply of power to Gujarat Urja Vikas Nigam Ltd. (GUVNL) from various upcoming Hydro Electric (HE) Projects and requesting GUVNL to give its consent for procurement of power from the offered projects.

In order to meet the demand of consumers in Gujarat State and to optimize the power purchase cost of State Distribution companies, Gujarat Urja Vikas Nigam Ltd. (GUVNL), Vadodara is willing to off take power from upcoming Hydro Electric (HE) Projects.

In this regard, GUVNL has conveyed its consent for the in-principle approval for procurement of power from following upcoming projects of NHPC for life of the project i.e. 35/40 years at the tariff including terms and conditions as decided by CERC from time to time.

Sr. No	NHPC Projects	Installed Capacity (MW)	Expected COD	Capacity proposed(MW)
1	Teesta- VI	500	Mar-24	429*
2	Ratle	850	Feb-26	377
3	Rangit IV	120	May-24	103*
4	Dibang Multipurpose	2880	2031	500
	Total			1409

*Capacity proposed after excluding free power & LADF % to home state and Auxiliary Power Consumption

In view of above, Ministry of Power, Govt. of India is requested to allocate above power of 1409 MW to Gujarat/GUVNL from upcoming projects of NHPC for life of the project i.e. 35 /40 years, at the tariff determined by CERC from time to time subject to grant of open access by Central transmission Utility.

Further, this in-principle approval shall be subject to commissioning of projects in reasonable time period including delay from expected Commercial Operation Date. In case of severe Cost overrun/ Time overrun, GUVNL shall reserve its right for not to tie up power from the above project(s).

With regards,

ISSUED
ON 22 JUN 2022

Yours sincerely,

(Mamta Verma)

Mamta Verma, IAS
Principal Secretary



No. EPCD/POP/e-file/20/2023/0083/K Section

Energy & Petrochemicals Department
Government of Gujarat
Sachivalaya, Gandhinagar-382010

Government of Gujarat

Date: **23 JAN 2023**

To,
Shri Alok Kumar, I.A.S.
The Secretary (Power)
Ministry of Power,
Shram Shakti Bhavan,
Rafi Marg,
New Delhi 110 001

Seal (P) PE Pwr
AS (H)
31.1.23

JS (M)

31.1.23

Dir (H&T)

31.1.23

20 (W)

20 (W)

20 (W)

20 (W)

Sub: Allocation of power to GUVNL from upcoming Pakaldul and Kwar Hydro Projects offered by NHPC.

Respected Sir,

This is with reference to the offer received from NHPC vide letter dated 05.09.2022 for supply of power to Gujarat Urja Vikas Nigam Ltd. (GUVNL) from upcoming Pakaldul & Kwar Hydro Electric (HE) Projects and requested GUVNL to give its consent for procurement of power from the offered projects.

In order to meet the demand of consumers in Gujarat State and to optimize the power purchase cost of State Distribution companies, Gujarat Urja Vikas Nigam Ltd. (GUVNL), Vadodara is willing to off take power from upcoming Pakaldul & Kwar Hydro Electric (HE) Projects.

In this regard, GUVNL has conveyed its consent for the in-principle approval for procurement of power from following upcoming Pakaldul & Kwar Hydro Electric (HE) projects of NHPC for life of the project i.e. 35/40 years, at the tariff including terms and conditions as decided by CERC from time to time.

Sr. No	NHPC Projects	Installed Capacity (MW)	Expected COD	Capacity proposed (MW)
1	Pakaldul	1000	July-25	443.70
2	Kwar	540	Nov-26	239.60
	Total	1540		683.30

*Capacity proposed after excluding free power & LADF 9% to home state and Auxiliary Power Consumption.

In view of above, Ministry of Power, Govt. of India is requested to allocate of above power of 683.30MW to Gujarat/GUVNL from upcoming Pakaldul & Kwar Hydro Electric (HE) projects of NHPC for life of the project i.e. 35/40 years, at the tariff including terms and conditions as decided by CERC from time to time subject to connectivity of the projects directly with ISTS network and the grant of the Open Access by Central Transmission Utility (CTU).

With regards,

Yours faithfully,

(Mamta Verma)

Block No. 5, 5th Floor, New Sachivalaya, Gandhinagar-382010.

Phone : (O) 079-23250771, Fax : 079-23250797, E-mail : secepd@gujarat.gov.in

Old SECY (H)
Dy. No 576555
Date 31/01/23

78 H&T (H&T)
01/02/2023



CHHATTISGARH STATE POWER DISTRIBUTION CO. LTD.
(A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)
CIN-U40100GT20003GGC015822
OFFICE OF EXECUTIVE DIRECTOR (RA & PM) CSPDCL, RAIPUR
PHONE No. (0771) 2574441 FAX No. (0771) 2574442

Website: www.cspdcl.co.in

E-mail: Dr. cecmcsch@rediff.com

No. 02-02/SE-I/Hydel/ 1976

Raipur, Date: 13.11.2021

To,

The General Manager (Comm.)
NHPC Limited,
NHPC Office Complex, Sector-33,
Faridabad - 121 003, Haryana.

Subj: Consent for procurement of power from upcoming Hydro Power Projects of NHPC namely 500 MW Teesta-VI HE Project.

Ref: 1) Your office letter No. NH/Comm./New Project/2021/1149 dated 07.10.2021.

Sir,


This has reference to your office letter cited as above vide which it has been requested to convey consent for procurement of power from upcoming Hydro Power Projects of NHPC namely 500 MW Teesta-VI & 120 MW Rangit-IV HE Projects through long term PPA basis.

On the subject matter, it is to convey that competent authority of Chhattisgarh State Power Distribution Co. Ltd. has "in Principle" agreed to procure a quantum of 300 MW hydro power from Teesta-VI project.

It is requested to advise further needful in the matter.

Thanking You.

Yours faithfully,


Executive Director (RA & PM)
CSPDCL, Raipur

Copy to:-

- 1) The Special Secretary, Energy Department, Govt. of Chhattisgarh, Mantralaya, Mahanadi Bhawan, Naya Raipur, Atal Nagar.



CHHATTISGARH STATE POWER DISTRIBUTION CO.LTD.
(A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)
CIN-U40108CT2003SGC015822
OFFICE OF EXECUTIVE DIRECTOR (RA & PM) CSPDCL, RAIPUR
PHONE No. (0771)-2574441 FAX No.(0771)- 2574442

Website: www.cspdcl.co.in

E-mail ID: cecomcseb@radiff.com

No.02-02/SE-I/NHPC/Hydel/ 105

Raipur, Date | 8-04-2022

To,

The General Manager (Comml.)
Commercial Division,
NHPC Limited,
NHPC Office Complex, Sector-33,
Faridabad – 121 003, Haryana.

Sub: - Consent for procurement of power from upcoming 850 MW Ratle HE Project developed by Ratle Hydroelectric Power Corporation Limited (Joint Venture of NHPC Limited & JKSPDC).

Ref: - 1) Your office letter No. NH/Comml./new project/Ratle/2022/146 dated 18.02.2022.

Sir,

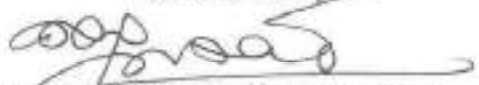
This has reference to your office letter cited as above vide which it has been requested to convey consent for procurement of power from upcoming 850 MW Ratle HE Project developed by Ratle Hydroelectric Power Corporation Limited (Joint Venture of NHPC Limited & JKSPDC) through long term PPA basis.

On the subject matter, it is to convey that competent authority of Chhattisgarh State Power Distribution Co. Ltd. has "In Principle" agreed to procure a quantum of 300 MW hydro power from upcoming 850 MW Ratle HE Project developed by Ratle Hydroelectric Power Corporation Limited (Joint Venture of NHPC Limited & JKSPDC).

It is requested to ensure further needful in the matter.

Thanking You,

Yours faithfully,


Executive Director (RA & PM)
CSPDCL, Raipur



CHHATTISGARH STATE POWER DISTRIBUTION CO.LTD.
(A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)
CIN-U40108CT2003SGC016822

OFFICE OF EXECUTIVE DIRECTOR (RA & PM) CSPDCL, RAIPUR
PHONE No. (0771)-2574441 FAX No. (0771)-2574442

Website: www.cspdcl.co.in

E-mail ID: cecomscb@rediff.com

No.02-02/SE-I/NHPC/Hydel/ 2017

Raipur, Date 01/12/2022

To,

✓ The General Manager (Comml.)
Commercial Division,
NHPC Limited,
NHPC Office Complex, Sector-33,
Faridabad - 121 003, Haryana.

Sub: - Consent for procurement of power from upcoming 1000 MW Pakaldul
HEP & 540 MW Kwar HEP located in UT of J&K being developed by CVPPPL
(JV of NHPC Ltd.)

Ref: - 1) Your office letter No. NH/Comml./CVPPPL/2022/1058 dated 05.09.2022

Sir,


This has reference to your office letter cited as above vide which it has been
requested to convey consent for procurement of power from upcoming 1000 MW
Pakaldul HEP & 540 MW Kwar HEP located in UT of J&K being developed by
CVPPPL (Joint Venture of NHPC Limited & JKSPDC) through long term PPA basis.


On the subject matter, it is to convey that competent authority of Chhattisgarh
State Power Distribution Co. Ltd. has "In Principle" agreed to procure a quantum of
250 MW hydro power from upcoming 1000 MW Pakaldul HE Project and 100 MW from
upcoming 540 MW Kwar HE Project being developed by CVPPPL (Joint Venture of
NHPC Limited & JKSPDC).

It is requested to ensure further needful in the matter.

Thanking You,

Yours faithfully,


Executive Director (RA & PM)
CSPDCL, Raipur


15/12/22
GSM (T)
Regd. Office "Vidyut Seva Bhavan", Danganjya, Raipur (CG)-492 013



Punjab State Power Corporation Limited

(Regd Office: PSEB Head Office, The Mall, Patiala-147001 Punjab, India. Website: www.pspcl.in)
Corporate Identity Number (CIN): U40109PB2010SGC033813. GSTIN: 03AAFCP5120Q1ZC

Office of the Engineer-in-Chief/ PP&R,

D-3 Shed, Shakti Vihar, PSPCL, Patiala- 147001 (Punjab)

Tel No. 0175-2970894, E-mail: ce-ppr@pspcl.in, cepprpspcl@gmail.com

To

The General Manager (Commercial),
Commercial Division,
NHPC Office Complex,
Sector-33, Faridabad-121003,
Haryana.

e-mail: nhpcbiling@nhpc.nic.in
nhpc-pt@nhpc.nic.in

Memo No. 340/61 /ISB- 221 A vol-IV

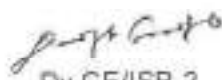
Dated: 20.02.2023

Subject: Consent for purchase of power from Teesta-VI, Rangit-IV and Ratle HEP.

Ref: PSPCL letter no. 1560 dated 16.09.2022 in response to M/s NHPC letters dated 07.10.2021, 18.02.2022 and 02.06.2022 in the matter of proposals of power procurement from Teesta-VI & Rangit-IV and Ratle HEP respectively.

In continuation to the PSPCL's letter no. 1560 dated 16.09.2022 (copy enclosed), regarding allocation of power to PSPCL, it is intimated that the quantum of power from subject cited 3 no. HEPs be limited upto 15%-20% (max.) of installed capacity after deduction of free share of home state.

This issues with approval of the competent authority.


Dy. CE/ISB-2
PSPCL, Patiala

CC:

1. EIC/PP&R for information please.



PUNJAB STATE POWER CORPORATION LIMITED

(CE/PP&R (Dy.CE/ISB-2 T-1 A, Shed Thermal Complex) PSPCL, PATIALA)

Email: seisb2pspcl@gmail.com

To

✓ The General Manager (Commercial),
Commercial Division,
NHPC Office Complex,
Sector-33, Faridabad-121003,
Haryana.

e-mail: nhpcbiling@nhpc.nic.in
nhpc-pt@nhpc.nic.in

Memo No. 156061/ISB- 221 A vol-iv

Dated: 18/9/22

Subject: Consent for purchase of power from Teesta-VI, Rangit-IV and Ratle HEP.


Ref: NHPC letters dated 07.10.2021, 18.02.2022 and 02.06.2022 regarding proposals of power procurement from Teesta-VI & Rangit-IV and Ratle HEP respectively.

PSPCL hereby consents to procure power from the following upcoming HEPs of NHPC at the indicative tariff mentioned by NHPC:

Projects	Levelised Tariff (Rs./kwh)
Teesta-VI	4.07
Rangit-IV	4.37
Ratle	3.92

However, PSPCL reserves the right to review its consent afresh in case, the tariff offered now, exceeds at a later date. Accordingly, NHPC shall seek fresh consent from PSPCL, at an appropriate time.

This issues with approval of the competent authority.


Dy.CE/ISB-2
PSPCL, Patiala

CC:

1. EIC/PP&R for information please.

HARYANA POWER PURCHASE CENTRE
UHBVN Head Office, Sector-14, Panchkula
Ph. No. 0172-2583728
E-mail: cehppc@uhbvn.org.in

From

Chief Engineer
HPPC, Panchkula

To

General Manager (Comm.)
NHPC Office Complex,
Sector-33, Faridabad
Haryana- 121003

Memo No. Ch-63/CE/HPPC/SE/C&R-I/PPA-121

Dated: 14.11.2022

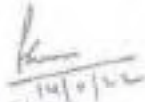
Subject: Consent for procurement of power from 500 MW Teesta-VI HEP, 120 MW Rangit-IV HEP, 2880 MW Dibang HEP, 850 MW Ratle HEP and 500 MW Dugar HEP

Please refer your office memo No. NH/Comm./new projects/2022/613-14 dated 02.06.2022 vide which consent of Haryana for procurement of Hydro Power from subject cited Hydro Electric Projects was sought.

In this regard, we hereby give our consent for procurement of 100 MW of power from Teesta-VI HEP, 100 MW of power from Rangit-IV HEP, 400 MW of power from Dibang HEP, 250 MW of power from Ratle HEP and 100 MW of power from Dugar HEP.

It may please be noted that the above consent is subject to the source approval of Haryana Electricity Regulatory Commission (HERC) which shall be taken after the allocation of quantum by Ministry of Power, Govt. of India.

This is for your kind information and necessary action please.


Chief Engineer,
HPPC, Panchkula

CC:

- 1.SPS to MD/UHBVN, Panchkula for kind information of MD/UHBVN, please.
- 2.SPS to Director/Finance, Panchkula for kind information of Director/Finance, please.

HARYANA POWER PURCHASE CENTRE
UHBVN Head Office, Sector-14, Panchkula
Ph. No. 0172-2583728
E-mail: cehppc@uhbvn.org.in

From

Chief Engineer
HPPC, Panchkula

To

General Manager (Comml.)
NHPC Office Complex,
Sector-33, Faridabad
Haryana- 121003

Memo No. Ch-64/CE/HPPC/SE/C&R-I/PPA-121

Dated: 14.11.2022

Subject: Consent for procurement of power from 1000 MW Pakaldul HEP and 540 MW Kwar HEP

Please refer your office memo No. NH/Comml./CVPPPL/2022/1044 dated 05.09.2022 vide which consent of Haryana for procurement of Hydro Power from subject cited Hydro Electric Projects was sought.

In this regard, we hereby give our consent for procurement of **250 MW of power from Pakaldul HEP and 200 MW of power from Kwar HEP.**

It may please be noted that the above consent is subject to the source approval of Haryana Electricity Regulatory Commission (HERC) which shall be taken after the allocation of quantum by Ministry of Power, Govt. of India.

This is for your kind information and necessary action please.


Chief Engineer,
HPPC, Panchkula

CC:

1. SPS to MD/UHBVN, Panchkula for kind information of MD/UHBVN, please.
2. SPS to Director/Finance, Panchkula for kind information of Director/Finance, please.
3. SPS to MD/CVPPPL for kind information of MD/CVPPPL, please.

**M.P. POWER MANAGEMENT COMPANY LIMITED**

CIN: U40109MP2006SGC018637 (A Government of M.P. Undertaking)
Regional Office, MPPMCL, "Prakash Bhawan", E-4 Arera Colony, Near Bhojpur Club,
Bhopal-462016, Ph. 0755-2423044, 2423046 (fax), 4056770

No. 05-01-MPPMCL/RO/ Dir (Com)/ 246

Bhopal, dated. 01-08-2022

To,

Mr. Omkar Yadav,
General Manager (Comml),
Commercial Division, NHPC Limited,
NHPC Office Complex, Sector-33, Faridabad,
121 003- Haryana

Mail- nhpc-pt@nhpc.nic.in

Sub: - Consent for procurement from upcoming Projects of NHPC reg.


Dear Sir,

1. This has reference to your letter no. NH/Comml/New Project/610 dated 02.06.2022 vide which consent for procurement of Hydro Power from upcoming Teesta VI, Rangit IV, Ratle, Dibang MPP and Dugar projects of NHPC has been sought.
2. We have examined the details of the projects given in your said letter dated 02.06.2022 and we are pleased to convey in principle approval for procurement of certain quantum of power from various projects of NHPC subject to confirmation by Board of Directors and approval by MP Electricity Regulatory Commission as under:-

Description	Teesta VI	Rangit IV	Ratle
State/UT	Sikkim	Sikkim	UT of J&K
Installed Capacity (MW)	500	120	850
Design Energy (MU)	2400	507.88	3136.77
Peaking Capacity	2.3 Hrs.	3.0 Hrs.	1.96 Hrs.
Expected Commissioning	March'2024	May'2024	Feb'2026
Levelised Tariff (Rs./kWh)	4.07	4.37	3.92
Status of Project	Under Construction	Under Construction	Under Construction
In-principle consent of MPPMCL for procurement of power	400 MW	120 MW	500 MW

Thanking you,

Yours Sincerely


(Rajeev Kesar)
Director (Commercial)



Ref. No.: MSEDCL/CE/PP/ 026085

Date: 03 OCT 2022

To,
The General Manager (Comm.),
Commercial Division,
NHPC Limited,
NHPC office Complex, Sector - 33,
Faidabad - 121 003, Haryana.

Subject: Consent for Procurement of Power from 1000 MW Pakaldul HEP & 540 MW Kwar HEP located in UT of J&K being developed by CVPPPL (JV of NHPC Ltd.).

Reference: 1) NH/Comm./CVPPPL/2022/1099 dated 13.09.2022
2) MSEDCL/CE/PP/23373 dated 7.09.2022
3) NH/Comm./CVPPPL/2022/1063 dated 5.09.2022

MSEDCL is in receipt of the NHPC's letters under reference requesting MSEDCL's consent for procurement of power from 1000 MW Pakaldul HEP & 540 MW Kwar HEP located in UT of J&K being developed by CVPPPL (JV of NHPC Ltd.).

- In this regards, it is to intimate that MSEDCL is interested in procurement of
- 1) 100 MW (10%) power from 1000 MW Pakaldul HEP at the intimated levellised tariff of Rs. 4.28 per unit and
 - 2) 54 MW (10%) power from 540 MW Kwar HEP at the intimated levellised tariff of Rs. 4.44 per unit.

Thanking you.


Director (Commercial)
MSEDCL

Copy s.w.rs. to:

Chairman & Managing Director, MSEDCL, CO, Mumbai

Copy to:

The Chief Engineer (Power Purchase), MSEDCL, Prakashgad, Mumbai

Maharashtra State Electricity Distribution Co. Ltd.

Office of the Director (Commercial)
'Prakashgad' 6th Floor, Station Road, Bandra (E), Mumbai-400 051. Tel.: (P) 26476743 (O) : 26474211 Extn.: 2066
Email: directorcomm@mahadiscom.in / directorcommstedcl@gmail.com • Website : www.mahadiscom.in



महाराष्ट्र राज्य वितरण



Maharashtra State Electricity Distribution Co. Ltd.
(A Government of Maharashtra Undertaking)
(CIN: U40109MH2005SGC153645)

DR. MURHARI KELE

Director (Commercial)

Ref. No.: Dir-Comm/PP/NHPC/021404

Date: 12th Aug. 2022

To,
The General Manager (Comm.),
Commercial Division, NHPC Limited,
NHPC office Complex, Sector - 33,
Faidabad - 121 003, Haryana.

Subject: Consent for Procurement of Power from upcoming Hydro Projects viz. (1) 850 MW Ratle HE Project developed by Ratle Hydroelectric Power Corporation Limited (Joint Venture of NHPC Limited & JKSPDC) (2) 500 MW Dugar HE Project, Himachal Pradesh of NHPC (3) 2880 MW Dibang Multipurpose Project of NHPC.

Reference: 1) NH/CommL/new project/Dugar/2022/573 dated 27.05.2022
2) MSEDCL/CE/PP/12567 dated 23.05.2022
3) NH/CommL/Dugar/2022/419 dated 29.04.2022
4) NH/CommL/new project/Ratle/2022/322 dated 30.03.2022
5) MSEDCL/CE/PP/6484 dated 16.03.2022
6) NH/CommL/new project/Ratle/2022/151 dated 18.02.2022
7) NH/CommL/new project/Dibang MPP/2021/1466 dated 30.12.2021
8) MSEDCL/CE/PP/31458 dated 28.12.2021
9) NH/CommL/new project/Dibang MPP/2021/1448 dated 27.12.2021

Sir,

MSEDCL is in receipt of a NHPC's letters under reference requesting consent for procurement of power through Long Term PPA basis from upcoming Hydro Projects of NHPC viz. (1) 850 MW Ratle HE Project developed by Ratle Hydroelectric Power Corporation Limited (Joint Venture of NHPC Limited & JKSPDC) (2) 500 MW Dugar HE Project, Himachal Pradesh of NHPC (3) 2880 MW Dibang Multipurpose Project of NHPC.

In this regards, it is to inform that MSEDCL is interested in procurement of:

- 1) 213 MW (25%) power from 850 MW Ratle Hydroelectric Project at the intimated levellised tariff of Rs. 3.92 per unit,
- 2) 50 MW (10%) power from 500 MW Dugar HE Project at the intimated levellised tariff of Rs. 4.46 per unit and
- 3) 288 MW (10%) power from 2880 MW Dibang Multipurpose Project at the intimated levellised tariff of Rs. 4.73 per unit.

Thanking you.

Director (Commercial), MSEDCL

Copy s.w.rs to:-

Chairman & Managing Director, MSEDCL, Mumbai

Maharashtra State Electricity Distribution Co. Ltd.

Office of the Director (Commercial)

'Prakashgad' 5th Floor, Station Road, Bandra (E), Mumbai-400 051. Tel.: (P) 26476743 (O) : 26474211 Extn.: 2666
Email: directorcomm@mahadiscom.in / directorcomm@sedcl@gmail.com • Website : www.mahadiscom.in



RAJASTHAN URJA VIKAS NIGAM LIMITED

(A Government of Rajasthan Undertaking)

Corporate Identity Number (CIN) - U40104RJ2015SGC048738

Regd. Office - Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur-302005

Work Office at: Shed No. 5/4, Vidyut Bhawan, Janpath, Jaipur-302005

E-mail: ce.ruvnl@rajasthan.gov.in; Website: www.energy.rajasthan.gov.in/ruvnl

No. CE/RUVNL/F./D.

121

Jaipur, Dated: 30/05/22

General Manager (Comml.)
Commercial Division, NHPC
NHPC complex, Sector-33,
Faridabad, Haryana-121003

Subject: Consent for procurement of Power from upcoming 850 MW Ratle HE project.

Ref.: Letter no. NH/ Comml./ new project/ Ratle/ 2022/ 136 dated 18.02.2022

Sir,

In reference to above cited subject and your letter under reference, Rajasthan Urja Vikas Nigam Limited on behalf of Rajasthan Discoms conveys its consent for procurement of power on long term basis from upcoming 850 MW Ratle hydroelectric project developed by Ratle Hydroelectric Power Corporation Limited at a tariff determined by CERC.

(M.C. Bansal)

Chief Engineer, RUVNL

Copy submitted to the following for information please:

1. Managing Director JVVNL/ AVVNL/ JdVVNL, Jaipur/Ajmer/ Jodhpur
2. The Director (PT/ Finance), RUVNL, Jaipur
3. TA to CMD, RUVNL, Jaipur
4. Superintending Engineer(PP/ Billing), RUVNL, Jaipur
5. O/c, M/f

Chief Engineer



OFFICE OF THE DIRECTOR (POWER)
NEW DELHI MUNICIPAL COUNCIL
PALIKA KENDRA - NEW DELHI

No. D-65/EE(SLDG)2022

Date: 28-12-2022

Sh. Onkar Yadav,
General Manager(Comm.)
NHPC Office Complex
Sector-33 Faridabad-121003,
Haryana

Sub: Consent for procurement of 150MW Hydro Power for a period of 25 years from upcoming Hydro Projects of NHPC.

Sir,

With reference to your letter No. NH/Comm/Now Project/2021/1137 dated 07.10.2021 followed by letter No. NH/Comm/CVPPPL/2022/1045 dated 05.09.2022 & the list of upcoming projects of NHPC shared during the meeting held in the chamber of Director (Power) NDMC on dated 11.11.2022 the undersigned is directed to convey the 'in principle approval' of the Competent Authority of NDMC for providing the consent for procurement of 150MW Hydro Power for a period of 25 years from upcoming Hydro Projects of NHPC as per the order of preference given below.

DESCRIPTION	HATLE (Preference-I)	YEESTA VI (Preference-II)	RANGIT IV (Preference-III)
INSTALLED CAPACITY (MW)	850	500	120
PROJECT OWNERSHIP	RHPCL (Joint Venture of NHPC Limited & JKSPDC)	LTHPL (wholly owned subsidiary of NHPC)	JPCL (wholly owned subsidiary of NHPC)
LEVELLED TARIFF with the quantum to be allocated (RS/KWH)	3.92	4.07	4.37
EXPECTED COMMISSIONING	Feb 2026	July 2025	August 2024

The Power Purchase Agreement (PPA) will be signed after approval of Delhi Electricity Regulatory Commission and NDMC-Council.

Thanking you,

Signed by R P Sati
Date: 27-12-2022 16:32:03
Dir (Power) (IC)
NDMC



**OFFICE OF THE CHIEF ENGINEER (TRADING),
JAMMU AND KASHMIR POWER CORPORATION LIMITED**
Regd. Office :- SLDC Building Gladni Grid Complex Jammu/
PDD Complex Bemina Srinagar.
Email :- cejkpcl@gmail.com

General Manager (Planning),
CVPPPL.

No. CE/JKPCL/J/T-CVPPPL/ 2722-24

Dated:- 08.03.2023

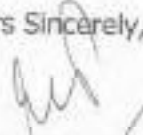
Subject: Power Purchase Agreements in respect of Pakal Dul & Kwar HEPs.

Dear Sir,

In continuation to this office comm. no. CE/JKPCL/J/T-CVPPPL/2711-13 dated: 06.03.2023, it is to intimate that the quantum of power @ 350 MW from Pakal Dul and @100 MW from Kwar HEP as approved by Finance Department, UT of J&K is exclusive of 13% (12% free power + 1% LADF) royalty power to the UT, details thereof are tabulated as under:

SNo.	Name of Power Station	Installed capacity (MW)	13% royalty power to the UT of J&K (@12% free power + 1% for LADF)	Quantum consented for procurement (MW)	Total quantum (MW)
1.	Pakal Dul	1000	130	350	480
2.	Kwar	540	70.2	100	170.2

Yours Sincerely,


Chief Engineer (Trading),
JK Power Corporation Limited,
Jammu.

Copy to the :-

1. Principal Secretary to Govt., JKPDD for information.
2. Managing Director, JKPCL for information.



**OFFICE OF THE CHIEF ENGINEER (TRADING),
JAMMU AND KASHMIR POWER CORPORATION LIMITED**
Regd. Office :- SLDC Building Gladni Grid Complex Jammu/
PDD Complex Bemina Srinagar.
Email :- cejkpci@gmail.com

CEO,
RHPCL.

No. CE/JKPCL/J/T- Ratle/ 2719-21

Dated:- 08.03.2023

Subject: Turnkey execution of 850 MW Ratle HE Project-Execution of Power Purchase Agreement (PPA) Regarding.

Dear Sir,

In continuation to this office comm. no. CE/JKPCL/J/T-Ratle/2716-18 dated: 06.03.2023, it is to intimate that the quantum of power @ 450 MW from Ratle as approved by Finance Department, UT of J&K is exclusive of 13% (12% free power + 1% LADF) royalty power to the UT, details thereof are tabulated as under :-

SNo.	Name of Power Station	Installed capacity (MW)	13% royalty power to the UT of J&K (@12% free power + 1% for LADF)	Quantum consented for procurement (MW)	Total quantum (MW)
1.	Ratle	850	110.5	450	560.5

Yours Sincerely,


Chief Engineer (Trading),
JK Power Corporation Limited,
Jammu.

Copy to the :-

1. Principal Secretary to Govt., JKPDD for information.
2. Managing Director, JKPCL for information.



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Jammu and Kashmir

e-Stamp

Certificate No.	IN-JK91606411425351U
Certificate Issued Date	15-Nov-2022 03:57 PM
Account Reference	NEWIMPACC (SV)/ JK12599104/ RAIL HEAD COMPLEX JAMMU/ JK-JM
Unique Doc. Reference	SUBIN-JKJK1259910477118557088305U
Purchased by	PADHIYAR ANISH H
Description of Document	Article 5 Agreement or Memorandum of an Agreement
Property Description	SUPPLEMENTARY PROMOTERS AGREEMENT OF CHENAB VALLEY POWER PROJECTS PRIVATE LIMITED (CVPPPL)
Consideration Price (Rs.)	0 (Zero)
First Party	JKSPDC AND JKPDD
Second Party	NHPC LIMITED FARIDABAD
Stamp Duty Paid By	JKSPDC AND JKPDD
Stamp Duty Amount(Rs.)	100 (One Hundred only)



SANJEEV KUMAR
STAMP VENDOR
License No. 458
Rail Head Complex, Jammu

Please write or type below this line

SUPPLEMENTARY PROMOTERS AGREEMENT

0029022035

1 of 21

Statutory Alert:

1. The authenticity of this Stamp and e-Stamp can be ascertained using the official app or the official website of the Government of Jammu and Kashmir.
2. The stamp and e-Stamp are valid only if they are used within the specified validity period.
3. In case of any fraud or misuse, the Government reserves the right to take appropriate action.

SUPPLEMENTARY PROMOTERS AGREEMENT

This Agreement made on this 21st day of Nov 22 among the Lt. Governor of Jammu and Kashmir through Principal Secretary to Government, Power Development Department, Govt. of Jammu & Kashmir (hereinafter referred to as 'GOJK') which expression shall unless repugnant to the context or meaning thereof includes its successors, authorized representatives and permitted assigns of the First Part.

And

Jammu and Kashmir State Power Development Corporation Limited (CIN - U40101JK1995SGC001418) (hereinafter referred to as 'JKSPDC'), a company incorporated under the Companies Act, 1956 having its registered Office at Exhibition Ground, Srinagar-190009 through its Managing Director, which expression shall unless repugnant to the context or meaning thereof includes its successors, authorized representatives and permitted assigns of the Second part.

And

NHPC Limited (CIN - L40101HR1975GOI032564), a company incorporated under provisions of the Companies Act, 1956 having its Registered Office at NHPC Office Complex, Sector 33, Faridabad, 121003 (Haryana) (hereinafter referred to as "NHPC") through its Chairman and Managing Director, which expression shall unless repugnant to the context or meaning thereof includes its successors, authorized representatives and permitted assigns of the Third part

NHPC and JKSPDC shall in this agreement be individually referred to as 'party' and collectively as 'parties'. Whereas GOJK shall be referred to as 'confirming party'

Whereas, the Government of Jammu and Kashmir is committed to harness the hydroelectric potential of Pakal Dul (1000 MW), Kiru (624 MW), Kwar (540 MW), and Kirthai II (930 MW) hydroelectric projects with installed capacity of about 3094 MW in the Chenab River Basin in accordance with the provisions of Indus Waters Treaty and whereas the Ministry of Power, Government of India is keen to add new power generation capacity with a view to meet the gap between demand and supply in the country.

Whereas, the GoJK, JKSPDC, NHPC, and PTC have signed a Memorandum of Understanding (MoU) on 10th October, 2008, a copy of which is appended as Appendix- A.

Whereas, the parties had affirmed their joint commitment to manage and complete Pakal Dul and two other Hydroelectric Projects with aggregate installed capacity of

7.0 OBLIGATION OF PARTIES

- 7.1 The parties shall assist the Company by providing managerial, legal, commercial and technical support on mutually agreed consideration.
- 7.2 The Company shall not compete with either of the Parties, without the prior written consent of the Parties, as the case may be, in their respective areas of business activities. Such consent shall be granted at the sole discretion of the respective Parties, whose decision shall be final.
- 7.3 The lease hold rights of the land required for the Projects, against payment and land revenue as fixed by UT Government, shall be granted initially for a period of 40 years in accordance with UT laws. On expiry of that period, the lease shall be renewed for a further term not exceeding 40 years at a time subject to Maximum period of 90 years.
- 7.4 Each party agrees to keep in confidence and to use the same degree of care as it uses with respect to its own proprietary data to prevent disclosure to third parties of all technical information, data and confidential business information (hereinafter referred to as "Data"). Exchange, use and maintaining confidentiality of Data shall be mutually discussed and agreed to by the parties.

SECTION-8**8.0 SHARING OF BENEFITS**

- 8.1 The benefits of Joint Venture shall be shared by respective parties in proportion to their actual contribution in share holding of Company.
- 8.2 The GoJK shall get 12% free power generated from the Projects. An additional 1% free power for local area development fund shall also be provided by the Company. The fund shall be operated as per the guidelines issued in the Hydro Power Policy 2008. Further, out of balance 87% power, the GoJK would have the right to purchase power from the Company in proportion to the share of JKSPDC in the equity of the Company at the price determined as per regulatory norms. After this, the balance power will be sold by NHPC at the market price to the purchaser with the first right of refusal being given to Jammu & Kashmir Power Development Department.

SECTION-9**9.0 RIGHTS AND OBLIGATIONS OF THE GOVERNMENT OF JAMMU & KASHMIR AND OF THE COMPANY**

- 9.1 Revenue receipts on account of sale of timber, royalty on river bed materials etc. arising as a result of the submergence of areas by the Projects shall accrue to GoJK.

B.14

No.10/1/2008-NHPC (Vol.V)
Government of India
Ministry of Power

SECRET



Government of Jammu and Kashmir
Power Development Department

Subject:- Implementation of 1000 MW Pakal Dul HEP- providing of concessions thereof.

Reference:- Cabinet Decision No. 114/09/2014 dated 19.06.2014

Government Order No. 130-PDD of 2014
Dated 20.06.2014

Sanction is hereby accorded to that:

- I. Exemption from WCT/entry tax and waiver of 12% free power as well as water user charges for a period of 10 years from the completion of the project in respect of 1000 MW Pakal Dul HEP.
- II. Purchase of 49% of power from the Pakal Dul HEP.

By order of the Government of Jammu and Kashmir

Sd/
(A. K. Mehta) IAS
Principal Secretary to Government
Power Development Department

No. PAD/IV/34/2008

Dated. 20.06.2014

Copy to the

1. Secretary, Ministry of Power, Government of India, Shram Shakti Bhawan, New Delhi.
2. Principal Secretary to Government, Planning & Dev. Department.
3. Principal Secretary to Govt. Finance Department.
4. Principal Secretary to Hon'ble Chief Minister.
5. Chairman, Chenab Valley Power Projects Public Limited, Jammu.
6. CMD, National Hydroelectric Power Corporation, NHPC Office Complex, Section 33, Faridabad 121003
7. Secretary to Government, General Administration Department.
8. Managing Director, J&K SPDC, Srinagar.
9. Secretary to Government, Law Department.

4

GOVERNMENT OF JAMMU & KASHMIR
Power Development Department,
Civil Secretariat, Jammu.

Subject: Implementation of 540 MW Kwar HE Project, the PIB Annexure B.
Memo thereof; reg.
Ref: Administrative Council Decision No. 140/16/2021 dated 15.12.2021.

Government Order No: Z08 -JK (PDD) of 2021.
Dated: 28 - 12 - 2021.

Sanction is hereby accorded to the partial modification of Government Order No 172-PDD of 2020 dated 11-11-2020 issued under endorsement No. PDD/IV/61/2008-I dated:11.11.2020 as under:-

1. Para -A (I) is replaced by the following formulation.

A. For 540 MW Kwar HEP :-

i) Exemption of free power in a decremental manner from the COD of the project upto 5th year. The exemption of free power will be 10% in the first year and will decrease by 2% every year upto 5th year after COD of the project. The share of free power will restore to 12% from 6th year onwards.

2. Para -A (viii) deleted.

3. The following para occurring after para B (ix) is deleted and replaced by the formulation as below :-

The concessions at (i), (ii) and (iii) being granted in respect of 540 MW Kwar HEP are conditional and are predicated on the understanding that corresponding concession(s) at (vii) will be accorded by the Government of India.

By order of the Lieutenant Governor.

Sd/-
(Nitishwar Kumar) IAS
Principal Secretary to the Government

PDD-PS/20 /2021-01-PDD


Dated 28.12.2021

Copy to the:

1. Secretary, Ministry of Power, Government of India, New Delhi.
2. Financial Commissioner, Finance.
3. Joint Secretary (J&K) Ministry of Home Affairs, Government of India.
4. Principal Secretary to Government, General Administration Department.

5. Secretary to the Government, Planning Development & Monitoring Department.
6. Secretary to the Government, Department of Law, Justice and Parliamentary Affairs.
7. CMD, National Hydroelectric Power Corporation, NHPC office complex, Sector-33, Faridabad.
8. Managing Director, JK Power Development Corporation Limited.
9. Director, Archives, Archeology and Museums, J&K, Jammu.
10. Director, Finance, Power Development Department.
11. Managing Director, CVPPPL, J&K Jammu.
12. Private Secretary to Chief Secretary, UT of J&K.
13. Private Secretary to Principal Secretary to Government, PDD.
14. I/C website, PDD.
15. Government Order file (w.2.s.c.).
16. Stock file.

Annexure B


(Dr. Tahir Firdous), JKAS

Additional Secretary to the Government

3

Government of Jammu and Kashmir
Power Development Department
Civil Secretariat, Jammu

Subject:- Implementation of 540 MW Kwar HE Project, 624 MWs Kiru HE Project and 1000 MW Pak Dul HE Project providing of concessions thereof.

Reference: Administrative Council Decision No. 133/22/2020 dated 21-10-2020.

Government Order No: 172 - PDD of 2020
D A T E D: 11 - 11 - 2020

Sanction is hereby accorded to the:-

A. For 540 MW Kwar HEP:-

- i) Exemption of 12% Free Power for a period of 10 years from the first year of Commercial Operation (CoD) of the Project.
- ii) Waiver of Water Usage Charges (WUC) for a period of 10 years from the first year of Commercial Operation (CoD) of the Project.
- iii) Reimbursement of SGST by the Union Territory of Jammu and Kashmir for all supplies to the project.
- iv) In principle consent to purchase 49% of power generated, (less 1% of the total power generation from Kwar HE Project for LADF), for a period of 10 years from the date of Commissioning of the Project.
- v) In principle consent to the purchase of 49% of power generated, (less 13% of the Total power generation from Kwar HE Project (1% for LADF and 12% Free Power)), after 10 years from the date of Commissioning of the Project.

Page 01/03

CGM (PRD) / GM (Kwar) / GM-S/C (KIRU)

GM (KIRU) / GM (Gin) / GM (plng)

for information & further nodal.

by
12/11/2020.

Scanned with CamScanner

CVPP Limited
110 5500
4642
12/11/2020

- 7
- vi) Approval for exercising first Right of Refusal for purchase of the balance power from Kwar HE Project, Decision in this regard shall be conveyed by the Power Development Department to M/S CVPPPPL at appropriate time.
 - vii) Approval for taking up the matter with GoI for 'Sanction of JKSPDCL equity as Grant to M/S CVPPPPL from GoI for implementation of Kwar HE Project.'
 - viii) Approval for taking up the matter with GoI for 'Sanction of Subordinate debt of Rs. 2000 Cr @ 1% interest after completion of the Project with repayment to start from the 7th year after completion of the Project and continue till the 18th year. There shall be no interest on Subordinate debt during construction and the interest will accrue and be paid annually after commissioning.'

B. For 1000 MW Pakal Dul HEP and 624 MW Kiru HEP:-

- ix) Reimbursement of SGST by the Union Territory of Jammu and Kashmir for all supplies to the Projects.

The concessions at (i), (ii) and (iii) being granted in respect of 540 MW Kwar HEP are conditional and are predicated on the understanding that corresponding concessions at (vii) and (viii) will be accorded by the Government of India.

By order of the Government of Jammu and Kashmir.

Sd/-
(Rohit Kansal) IAS
Principal Secretary to the Government
Dated: 11-11-2020

No. PDD/IV/61/2018-I
Copy to the:-

1. Secretary, Ministry of Power, Government of India, Shram Shakti Bhawan, New Delhi.
 2. Financial Commissioner, Finance.
- Page 02/03

3. Principal Secretary with the Hon'ble Lieutenant Governor.
4. Managing Director, J&K Power Development Corporation, Jammu.
5. Joint Secretary (J&K), Ministry of Home Affairs, Government of India, New Delhi.
6. Commissioner/Secretary to the Government, General Administration Department.
7. Secretary to the Government, Jal Shakti Department.
8. Secretary to the Government, Planning, Development and Monitoring Department.
9. Secretary to the Government, Department of Law, Justice & Parliamentary Affairs.
10. CMD, National Hydro Electric Power Corporation, NHPC Office Complex, Sector-33, Faridabad.
11. Director, Archives, Archaeology and Museums, J&K, Srinagar.
12. Director Finance, Power Development Department.
13. Managing Director, CVPPPL, J&K Jammu.
14. OSD to Advisor (BK) to the Hon'ble Lieutenant Governor, I/C PDD.
15. Private Secretary to the Chief Secretary.
16. Private Secretary to the Secretary to the Government, Power Development Department.
17. In-charge Website, PDD.
18. Government Order File (w.3.s.c).
19. Stock file.

(Dr. Tahir Firdous) KAS

Additional Secretary to the Government



सत्यमेव जयते

INDIA NON JUDICIAL Government of Jammu and Kashmir

e-Stamp

Certificate No.	: IN-JK05976911389503T
Certificate Issued Date	: 12-Apr-2021 09:51 AM
Account Reference	: NEWIMPACC (SV) / 12519204/ JAMMU/ JK-JM
Unique Doc. Reference	: SUBIN-JKJK1251920411517767580195T
Purchased by	: Sanjeev Arora
Description of Document	: Article 5 Agreement or Memorandum of an Agreement
Property Description	: Promoters agreement formation incorporation joint venture company implementation Ralte HE Project
Consideration Price (Rs.)	: 0 (Zero)
First Party	: JKSPDC AND JKPD
Second Party	: NHPC LTD Faridabad
Stamp Duty Paid By	: JKSPDC AND JKPD
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)

[Signature]
RAJESH KOHLI
 Stamp Vendor
 Licence No. 310
 Mubarak Mandi, Jammu.

Please write or type below this line

PROMOTERS' AGREEMENT

[Signature] *[Signature]*

KC 0002281544

Statutory Alert

1. The authenticity of this Stamp and Stamp should be verified at www.eStamping.com or using e-Stamping App of State Hiding.
2. The transfer of checking the legitimacy is via the code of the certificate.
3. In case of any discrepancy please inform the Complaint Number.

Hon'ble Lieutenant Governor of Union Territory of Jammu and Kashmir for and on behalf of the President of India, through Principal Secretary to Government, Power Development Department, Govt. of Union Territory of Jammu & Kashmir which expression shall unless repugnant to the context or meaning thereof includes its successors, authorized representatives and permitted assigns of the First Part.

And


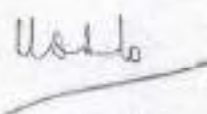

Jammu and Kashmir State Power Development Corporation Limited (hereinafter referred to as 'JKSPDCL'), a company incorporated under the Companies Act, 1956 having its registered Office at Exhibition Ground, Srinagar-190001 through its Managing Director, which expression shall unless repugnant to the context or meaning thereof includes its successors, authorized representatives and permitted assigns of the Second part.

And

NHPC Limited, a company incorporated under provisions of the Companies Act, 1956 and also a Generating & Power Trading company within the meaning of the Electricity Act, 2003, having its Registered Office at NHPC Office Complex, Sector 33, Faridabad, 121003 (Haryana) (hereinafter referred to as "NHPC") through its Chairman and Managing Director, which expression shall unless repugnant to the context or meaning thereof includes its successors, authorized representatives and permitted assigns of the Third part

JKSPDCL and NHPC shall in this agreement be individually referred to as 'party' and collectively as 'parties'. Whereas Government of Union Territory of Jammu and Kashmir shall be referred to as 'confirming party'

Whereas, the Government of Jammu and Kashmir is committed to harnessing the hydroelectric potential of Chenab River through Ratle Hydroelectric Project of installed capacity 850 MW in the Chenab River Basin in accordance with the provisions of Indus Waters Treaty and whereas the Ministry of Power, Government of India is keen to add new power generation capacity with a view to meet the gap between demand and supply in the country.

SECTION - 7

7.0 OBLIGATION OF PARTIES

- 7.1 The parties shall assist the Company by providing managerial, legal, commercial and technical support on mutually agreed consideration.
- 7.2 The Company shall not compete with either of the Parties, without the prior written consent of the Parties, as the case may be, in their respective areas of business activities. Such consent shall be granted at the sole discretion of the respective Parties, whose decision shall be final.
- 7.3 The lease hold rights of the land required for the Project, against payment as fixed by Government of Union Territory of Jammu and Kashmir, shall be granted for the life of the project as per applicable laws of Union Territory of Jammu and Kashmir.
- 7.4 Each party agrees to keep in confidence and to use the same degree of care as it uses with respect to its own proprietary data to prevent disclosure to third parties of all technical information, data and confidential business information (hereinafter referred to as "Data"). Exchange, use and maintaining confidentiality of Data shall be mutually discussed and agreed to by the parties.
- 7.5 The JVC will not be under obligation to bear any cost arisen from any arbitral/ contractual liability pending against the project prior to its takeover by the JVC from JKPDD.
- 7.6 The cost of work done on the project at the time of its taking over as assessed by IIT Delhi, who have already been appointed by the then GoJK, shall be booked to the JVC.

SECTION - 8

8.0 SHARING OF BENEFITS

- 8.1 The benefits of Joint Venture shall be shared by respective parties in proportion to their actual contribution in share holding of Company.
- 8.2 In accordance with the extant National Hydro Policy of the GoI, the Government of Union Territory of Jammu and Kashmir is entitled to have 12% free power and additional 1% free power for the Local Area Development Fund(LADF). However, to make the Project viable, Government of Union Territory of Jammu and Kashmir has agreed to provide exemption for free power in a decremental manner (i.e the free power to the Government of Union Territory of Jammu and Kashmir would be 1% in the first year after the Commercial Operation Date (COD) rising

1% per year to 12% in the 12th year), exemption of water cess for 10 years from the Commercial Operation Date and local taxes including reimbursement of SGST during the construction period. However, UT of J&K shall get 1% free power for the Local Area Development Fund(LADF) from the first year after the Commercial Operation Date (COD) of the Project.

- 8.3 The Government of Union Territory of Jammu and Kashmir shall be entitled to have first right of refusal for purchase of power from the JVC in proportion to the share of JKSPDCL, in the equity of the JVC at the price determined as per regulatory norms.

SECTION - 9

9.0 RIGHTS AND OBLIGATIONS OF THE GOVERNMENT OF UNION TERRITORY OF JAMMU & KASHMIR/JKSPDCL AND OF THE COMPANY

- 9.1 The Government of Union Territory of Jammu and Kashmir / JKSPDCL shall facilitate the transfer of all clearances from the Government of India and Union Territory Government as would be mandatory for the Project implementation, in favour of JVC.
- 9.2 Revenue receipts on account of sale of timber, royalty on river bed materials etc. arising as a result of the submergence of areas by the Project shall accrue to Government of Union Territory of Jammu and Kashmir.
- 9.3 Rights in fisheries, navigation, exploitation of tourism potential etc. in respect of the ponds created by the Project shall vest with the Government of Union Territory of Jammu and Kashmir.
- 9.4 Government of Union Territory of Jammu and Kashmir will have the right to develop / allot other schemes proposed to be executed in the upstream and downstream as also in the vicinity of the Project provided design and execution of such schemes does not affect design & operation of the Project adversely.
- 9.5 Without prejudice to Government of Union Territory of Jammu and Kashmir land laws, the Company shall have exclusive rights over the Project.
- 9.6 The design, construction and operation of the Project would be as per provisions of the Indus Waters Treaty. Company shall also render all assistance needed by the Govt. of India in view of the provisions of the Treaty.
- 9.7 The Company would comply with conditions imposed by the Government of India from time to time in respect of clearances to the Project. It would also

**Government of Jammu and Kashmir
Power Development Department
Civil Secretariat, Jammu**

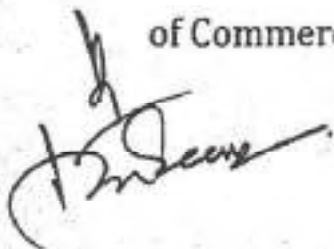
Subject:- Implementation of 850 MW Ratle HEP through a Joint Venture Company with NHPC Limited-Approval of Supplementary MoU and providing of concessions thereof.

Reference: Administrative Council Decision No138/24/2020 dated 27-11-2020

**Government Order No: 177 - PDD of 2020
D A T E : 01 - 12 - 2020**

Sanction is hereby accorded to the:-

- (I) Formation and incorporation of a Joint Venture Company (JVC) between NHPC and Jammu & Kashmir State Power Development Corporation Ltd. (JKSPDC) under the name "Jammu Hydroelectric Power Corporation Limited" with equity contribution of 51% and 49% by NHPC & JKSPDC, respectively, wherein the share of NHPC in the JV should not be brought below 51% and share of JKSPDC should not be brought below 49%.
- (II) Exemption of free power from 850 MW Ratle HEP in a decremental manner from first year of Commercial operation of project (CoD) upto 12th year. The exemption of free power will be 11% in the first year and will decrease by 1% every year upto 12th year after COD of the project. The share of free power will restore to 12% from 12th year onwards.
- (III) Waiver of water usage charges (WUC) for 850 MW Ratle HEP for a period of 10 years from the first year of Commercial operation (CoD) of the Project.



Page 01/03

(IV) Reimbursement of SGST by the Union Territory of Jammu and Kashmir for all supplies to the project.

(V) Signing of the Supplementary MoU between JKPDD, Government of Union Territory of J&K and JKSPDCL with NHPC Limited for implementation of 850 MW Ratle HEP in Kishtwar J&K. The supplementary MoU will be read along with the original MoU signed on Feb 3, 2019

(VI) Authorizing the Principal Secretary to the Government of Union Territory of J&K, PDD to take such actions and sign such documents as may be required in this regard for registration of the JV Company, signing of the MoU and all other consequential actions arising out of the above decisions.

By order of the Government of Jammu and Kashmir.

Sd-

(Rohit Kansal) IAS

Principal Secretary to the Government

Dated: -12-2020


No. PDD/IV/42/2019-I

Copy to the: -

1. Secretary, Ministry of Power, Government of India, Shram Shakti Bhawan, New Delhi.
2. Financial Commissioner, Finance.
3. Joint Secretary (J&K), Ministry of Home Affairs, Government of India, New Delhi.
4. Principal Secretary with the Hon'ble Lieutenant Governor.
5. Commissioner/Secretary to the Government, General Administration Department.
6. Secretary to the Government, Jal Shakti Department.
7. Secretary to the Government, Planning, Development and Monitoring Department.
8. Secretary to the Government, Department of Law, Justice & Parliamentary Affairs.

9. Managing Director, J&K Power Development Corporation, Jammu.
10. CMD, National Hydro Electric Power Corporation, NHPC Office Complex, Sector-33, Faridabad
11. Director, Archives, Archaeology and Museums, J&K, Srinagar.
12. Director Finance, Power Development Department.
13. Managing Director, CVPPPL, J&K Jammu.
14. OSD to Advisor (BK) to the Hon'ble Lieutenant Governor, I/C PDD
15. Private Secretary to the Chief Secretary.
16. Private Secretary to the Principal Secretary to the Government, Power Development Department.
17. In-charge Website, PDD.
18. Government Order File (w.3.s.c).
19. Stock file.


(Malik Waseem) KAS

 Deputy Secretary to the Government

HARYANA POWER PURCHASE CENTRE
UHBVN Head Office, Sector-14, Panchkula
Ph. No. 0172-2583728
E-mail: cehppc@uhbvn.org.in

From

Chief Engineer
HPPC, Panchkula

To

General Manager (Comm.)
NHPC Office Complex,
Sector-33, Faridabad
Haryana- 121003

Memo No. Ch-76/CE/HPPC/SE/C&R-I/PPA-121

Dated: 01.02.2023

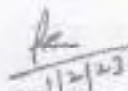
Subject: Regarding draft Power Purchase Agreements forwarded by NHPC.

- Ref: 1) NH/Comm./2022/1416 dated 29.12.2022
2) HPPC letter no. Ch-72/CE/HPPC/SE/C&R-I/PPA-121 dated 26.12.2022
3) NHPC letter no. NH/Comm./2022/1329 dated 16.11.2022
4) HPPC letter no. Ch-63/CE/HPPC/SE/C&R-I/PPA-121 dated 14.11.2022

Please refer your office memo No. NH/Comm./2022/1416 dated 29.12.2022 vide which Haryana is requested to confirm the modification/suggestion of NHPC in draft PPAs for subsequent signing of PPAs between NHPC and HPPC.

In this regard, it is intimated that consent for procurement of power from NHPC projects was given subject to the approval of HERC. HPPC has to take Source approval and PPA approval from HERC (Haryana Electricity Regulatory Commission) before signing the PPA. HPPC can approach HERC only after the firm allocation by MoP, GoI. It is pertinent to mention here that fee to be deposited in HERC for source approval and PPA approval is directly depends on the quantum to be procured.

Therefore, it is intimated that HPPC confirms the suggestion proposed by NHPC in draft PPAs. Further, it is also reiterated that HPPC can sign the PPA only after firm allocation by MoP, GoI and PPA approval by HERC.


11/2/23
Chief Engineer,
HPPC, Panchkula

CC:

1. SPS to MD/UHBVN, Panchkula for kind information of MD/UHBVN, please.
2. SPS to Director/Finance, Panchkula for kind information of Director/Finance, please.

HARYANA POWER PURCHASE CENTRE
IP 3 & 4, UHBVN Head Office, Sector-14, Panchkula
Ph. No. 0172-2583728
E-mail: cehppc@uhbvn.org.in

From

Chief Engineer
HPPC, Panchkula

To

General Manager (Comml.)
NHPC Office Complex,
Sector-33, Faridabad
Haryana- 121003

Memo No. Ch-80/CE/HPPC/SE/C&R-I/PPA-121

Dated: 30.05.2023

Subject: Regarding draft Power Purchase Agreements forwarded by NHPC for Pakaldul and Kwar HEP.

- Ref:** 1. NHPC office memo No. NH/Comml/CVPPPL/2022/1044 dated 05.09.2022
2. HPPC memo no. Ch-64/CE/HPPC/SE/C&R-I/PPA-121 dated 14.11.2022
3. NHPC office memo No. NH/Comml/ 2023/270-71 dated 12.04.2023

In reference to memo at S. No. 3, HPPC provides the approval of draft PPAs for Pakaldul and Kwar HEP. However, HPPC will sign the PPAs after MoP allocation and source & PPA approval by HERC.

This is for your kind information please.


30/5/23
Chief Engineer
HPPC, Panchkula

CC:

1. SPS to MD/UHBVN, Panchkula for kind information of MD/UHBVN, please.
2. SPS to Director/Finance, Panchkula for kind information of Director/Finance, please.
3. SPS to MD/CVPPPL for kind information of MD/CVPPPL, please.

Minutes of Special meeting to finalize the methodology for settlement of excess energy flown through the tertiary of ICT-I of Sundergarh S/s of PGCIL for the period 23rd Oct'2017 to Oct'2018 held on 24.02.2022 (Thursday) through MS Team platform.

List of participants is enclosed.

SE(Comml.) welcomed all the participants in the special meeting. He informed that as per the decision taken in the 41st Commercial Sub Committee Meeting of ERPC held on 27.11.2019 in the agenda item B14.2 : Billing of Auxiliary power consumption through tertiary of ICTs in Powergrid S/s of Odisha, Tertiary Energy Consumption SEM data in respect of ICT-I of Sundergarh Substation of PGCIL is much higher than the actual energy consumption due to CT & PT ratio considered by ERLDC and Actual ratio at site are different. It was decided that ERLDC will provide the necessary revised data after considering the corrected CT & PT ratios and DSM Account of GRIDCO will be revised accordingly. He further informed that ERLDC vide email dated 07th February, 2022 had sent the revised data to ERPC.

After detailed deliberation, the following methodologies were adopted for settlement of excess energy billed to GRIDCO:

1. ERLDC will provide the average monthly frequency data for the above period to ERPC.
2. Based on average monthly frequency data and revised drawl data, ERPC will revised the DSM Account of GRIDCO for the above period.

Meeting ended with a vote of thanks.

List of Participant:

1. Shri Shyam Kejriwal, SE(Comml), ERPC,
2. Shri S K Pradhan, AD(Comml), ERPC
3. Shri Madhusudan Sahoo, DGM, GRIDCO
4. Shri Sanjit Kumar Maharana, DGM, GRIDCO
5. Shri A K Sahu, DGM, PGCIL (Odisha Project)
6. Shri Nadim Ahmad, DGM, ERLDC
7. Shri Manas Das, CM, ERLDC
8. Shri Ranadip Das, DM, ERLDC

TERTIARY TRANSFORMER CONSUMPTION DATA OF PGCIL GRIS S/S'S IN ODISHA (In MU)

DISCOMs	TPCODL			TPSODL			TPNODL		TPWODL			
	Angul Tertiary	Rengali Tertiary	Pandiabil Tertiary (415 V side)	Jaypur Tertiary (430 V)	Jaypur Statcom contd ter t/f-	Jaypur Statcom Aux T/F(28KV)	Keonjhar Tertiary (33KV)	Baripada Tertiary	Sundargarh Tertiary (33 KV)	Bolangir Tertiary (415 V)	Rourkela Statcom Aux (33KV)	Rourkela Aux T/F for Statcom
MONTH/STATION NAME	NP5942-A (ES-95)	ER1020-A ET-05	NP7462-A (ES-39)	NP5965-A (ET-10)	ER1600-A (ET-64)	ER1599-A (ET-65)	NP7921-A (ET-11)	ER1452-A (EM-69)	ER1019-A ES-93	NP7951-A (ET-03)	ER1069-A (ET-49)	ER1184-A ET-59
Oct-17 (23.10.17-31.10.17)	0.041913	0.000000	0.000000	0.000300	0.000000	0.000000	0.028911	0.012014	0.000000	0.011718	0.000000	0.000000
Nov-17	0.134199	0.014189	0.000004	0.001061	0.000000	0.000000	0.094590	0.021206	0.205210	0.033671	0.000000	0.000000
Dec-17	0.137461	0.022652	0.026181	0.001302	0.000000	0.000000	0.101772	0.000000	0.375158	0.030444	0.000000	0.000000
Jan-18	0.121894	0.028409	0.028834	0.001391	0.000000	0.000000	0.095211	0.029166	0.326935	0.029881	0.000000	0.000000
Feb-18	0.122865	0.015973	0.026458	0.001192	0.000000	0.000000	0.091870	0.035878	0.387528	0.031322	0.023868	0.000000
Mar-18	0.130870	0.027649	0.037191	0.001643	0.000000	0.000000	0.101284	0.016446	0.453281	0.039966	0.025752	0.000000
Apr-18	0.140313	0.043806	0.038369	0.002169	0.000000	0.000000	0.110214	0.035047	0.522141	0.043230	0.010618	0.000000
May-18	0.159996	0.041079	0.044131	0.002891	0.000000	0.000000	0.122693	0.051715	0.584990	0.047667	0.031116	0.000000
Jun-18	0.152065	0.037358	0.044764	0.001828	0.014786	0.000000	0.109510	0.061723	0.561098	0.046102	0.034320	0.000000
Jul-18	0.155808	0.035807	0.045831	0.001337	0.065738	0.000000	0.127675	0.064423	0.570038	0.039012	0.070789	0.000000
Aug-18	0.166629	0.028359	0.060502	0.001518	0.065853	0.000000	0.137623	0.067127	0.573334	0.045464	0.053156	0.000000
Sep-18	0.162461	0.033656	0.045177	0.001658	0.073035	0.000000	0.129108	0.057858	0.361770	0.043587	0.066624	0.000000
Oct-18	0.163470	0.036374	0.040059	0.001565	0.068114	0.000000	0.152231	0.052222	0.163721	0.036859	0.067375	0.000000
Nov-18	0.151988	0.027892	0.034970	0.001121	0.060742	0.000000	0.108055	0.058697	0.172222	0.029777	0.048111	0.000000
Dec-18	0.135692	0.023205	0.015348	0.001357	0.044370	0.012281	0.111753	0.055738	0.146061	0.029261	0.056174	0.000000
Jan-19	0.131051	0.021510	0.032987	0.001432	0.006404	0.041069	0.119353	0.053702	0.145266	0.029158	0.057177	0.000000
Feb-19	0.121425	0.020158	0.031460	0.001242	0.048759	0.000763	0.110453	0.056466	0.160610	0.025445	0.052893	0.000000
Mar-19	0.148575	0.030852	0.036045	0.001411	0.073164	0.000000	0.131775	0.065692	0.137369	0.037190	0.104377	0.000000
Apr-19	0.154149	0.046664	0.040195	0.001586	0.018690	0.029732	0.152888	0.073376	0.127678	0.042620	0.102101	0.000000
May-19	0.167066	0.044019	0.042120	0.001721	0.000000	0.000000	0.154671	0.082725	0.146567	0.049852	0.085942	0.000000
Jun-19	0.163643	0.043919	0.043016	0.001474	0.031173	0.020451	0.152416	0.077891	0.135050	0.046557	0.000000	0.000000
Jul-19	0.150406	0.039682	0.038248	0.001263	0.038198	0.000000	0.132257	0.073355	0.133855	0.043194	0.000000	0.000000
Aug-19	0.138898	0.033980	0.023885	0.001328	0.040587	0.027137	0.138983	0.068631	0.119752	0.042991	0.033807	0.000000
Sep-19	0.138366	0.032701	0.046477	0.001510	0.056467	0.028317	0.120428	0.063062	0.127500	0.036984	0.039162	0.000000
Oct-19	0.113990	0.020798	0.037737	0.001540	0.058185	0.024610	0.108905	0.064433	0.090435	0.036068	0.066591	0.000000
Nov-19	0.100785	0.022720	0.040775	0.001395	0.063729	0.000000	0.089948	0.057965	0.089264	0.025182	0.012907	0.000000
Dec-19	0.092874	0.024717	0.039533	0.001227	0.031022	0.027945	0.095726	0.056452	0.089374	0.015406	0.001421	0.000000
Jan-20	0.092175	0.028653	0.041146	0.001136	0.032707	0.028890	0.097648	0.055008	0.093766	0.025784	0.001207	0.000000
Feb-20	0.105537	0.022715	0.033085	0.000765	0.044962	0.010564	0.094518	0.049805	0.092853	0.023000	0.003576	0.000000
Mar-20	0.110303	0.033432	0.041611	0.001124	0.063069	0.000000	0.102753	0.051748	0.111150	0.028527	0.000266	0.000000
Apr-20	0.111652	0.033887	0.038584	0.000000	0.029509	0.035198	0.123983	0.051477	0.100512	0.034971	0.049505	0.000000

May-20	0.134126	0.037417	0.039794	0.000000	0.046219	0.028094	0.145742	0.074400	0.131191	0.042001	0.071871	0.000000
Jun-20	0.132997	0.036382	0.037348	0.000000	0.018343	0.045088	0.144743	0.068854	0.126900	0.039724	0.058815	0.000000
Jul-20	0.132624	0.039498	0.038777	0.000490	0.004636	0.057019	0.147332	0.077163	0.139628	0.041691	0.061906	0.000000
Aug-20	0.140897	0.032081	0.040851	0.000611	0.005476	0.056069	0.150970	0.076369	0.113192	0.041517	0.010850	0.000000
Sep-20	0.138026	0.032292	0.037759	0.001382	0.005072	0.048907	0.142584	0.062309	0.104850	0.041262	0.000126	0.000000
Oct-20	0.112193	0.032959	0.034954	0.001349	0.004293	0.058654	0.139694	0.069523	0.102837	0.037085	0.000156	0.000000
Nov-20	0.105423	0.027918	0.033007	0.001134	0.002958	0.051837	0.123144	0.043795	0.086560	0.028871	0.000122	0.000000
Dec-20	0.077998	0.028867	0.031943	0.001228	0.002953	0.048950	0.123525	0.053302	0.093196	0.027830	0.000092	0.000000
Jan-21	0.077758	0.031328	0.033644	0.001335	0.019678	0.033854	0.123732	0.046962	0.101897	0.027153	0.000016	0.000000
Feb-21	0.087483	0.043111	0.031277	0.001345	0.022073	0.026021	0.114469	0.016424	0.090628	0.022896	0.004993	0.000000
Mar-21	0.113063	0.045485	0.039691	0.001172	0.031317	0.038340	0.145842	0.019610	0.113545	0.032007	0.000149	0.000000
Apr-21	0.118183	0.034948	0.039573	0.001549	0.021324	0.045721	0.149777	0.022624	0.112684	0.037277	0.006935	0.038145
May-21	0.112041	0.037882	0.039480	0.002235	0.045512	0.028264	0.159710	0.019834	0.106570	0.038138	0.011654	0.047806
Jun-21	0.113088	0.035149	0.041614	0.001387	0.042422	0.028501	0.165582	0.021554	0.108160	0.037039	0.008254	0.044270
Jul-21	0.088863	0.036532	0.043212	0.001318	0.009617	0.061904	0.177439	0.071692	0.103743	0.037108	0.004136	0.043497
Aug-21	0.095765	0.040139	0.043281	0.006220	0.044088	0.028189	0.165139	0.046084	0.111172	0.036462	0.006103	0.040624
Sep-21	0.051338	0.036732	0.038173	0.029387	0.063269	0.023473	0.043321	0.046842	0.109018	0.035334	0.006004	0.039051
Oct-21	0.049876	0.038220	0.039858	0.020164	0.053541	0.022838	0.042978	0.049273	0.108693	0.035144	0.004226	0.037807
Nov-21	0.040928	0.034675	0.030801	0.058128	0.035461	0.027134	0.035702	0.039839	0.093204	0.028704	0.003145	0.031639

UCC
23.12.2021
A.G.M.(Elect)
SLDC, Bhubaneswar

Shweta
23.12.21
D.G.M.(Comm.)
SLDC, Bhubaneswar

AGM (EI), SLDC
OPTCL Ltd., BBSR-17

Dy. General Manager (Elect.)
SLDC, OPTCL, Bhubaneswar

Sr. General Manager (Elect)
SLDC, OPTCL, BBSR-17

PS
23/12/21
Sr. G.M. (PS)
SLDC, Bhubaneswar



812000000047

BILL OF SUPPLY FOR ELECTRICITY

Consumer Name	: M/S. POWERGRID CORPORATION OF INDIA LTD	Rebate Date	: 06/07/2023
Address Details	: Drawal of Auxillary Power through tertiary loading 765/400 KV Pooling station Station. SUNDARGARH, PINCODE:0	Due Date	: 10/07/2023
Email Id	: sundargarhss@powergrid.in	Consumer A/c No.	: 812000000047
Mobile No	: 9304382439	Consumer ID	: 142100011315
		Old Consumer No.	:
		Bill Number	: 812000007232324536
		Bill Issue Date	: 03/07/2023
		Bill Basis	: ACTUAL
		Last Bill Issue Date	: 02/06/2023
		Bill Month	: 2023/06

Area Details	Connection Details	Supply and Meter Details
Division : SED SUNDARGARH	Tariff Category : GENERAL PURPOSE >= 110 KVA	Power Factor : 0.9506
Sub-Division : SDO UJALPUR	Category Type : HT	Power ON Hour : 720
Section : ESO UJALPUR	Contract Demand : 410 KVA	Billable Demand-KVA : 328.000
DT No. :	Supply Voltage : 33 KV	Meter Sl. No. : ER1019
Pole No. :	Own Transformer : NO	Col. Meter No. :
MRU No. :	ED Exemption : NO	Bill Period : 01/06/2023 - 30/06/2023
Walking Sequence :	Date of Connection : 01/10/2021	Bill Days/Months : 30/1.0000
Organization Type :	Security Deposit : 12,00,152.00	Load Factor : 59.2400
Connection Type :	Metering Side : HT	Meter Reading : ACTUAL METER
	Consumer Status : Active	Main Meter MF : 3.77
	Transformer Rating : 0 KVA	

Meter Reading Details							
Parameter	Prev Reading	Current Reading	Diff	T.F Loss	Total		
KWH	20,18,536.3000	20,50,649.0000	32,112.7000	0.00	121,152.0000		
MD-KW	0.0000	0.0000		0.00	0.0000		
KVAH	21,56,850.8000	21,90,631.2000	33,780.4000	0.00	127,443.0000		
MD-KVA	405.6000	79.2000		0.00	298.7978		
Timing Slot	Slot-1	Slot-2	Slot-1	Slot-2	Slot-1	Slot-2	
Off Peak KWH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off Peak KVAH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off Peak MD-KW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Peak KWH	20,18,536.3000	20,50,649.0000	32,112.7000	0.0000	0.0000	0.0000	121,152.0000
Peak KVAH	21,56,850.8000	21,90,631.2000	33,780.4000	0.0000	0.0000	0.0000	127,443.3200
Peak MD-KW		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off Peak MD-KVA	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Peak MD-KVA	64.4000	79.2000	0.0000	0.0000	0.0000	0.0000	298.7978
KVARH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
KVARH Lead	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Due Date: 10/07/2023
(Immediate for Arrears)
Total Amount Payable
Rs. 2,81,91,490.00
Net Current Payment after Digital
Rs. 8,81,928.11

Slot-1 Slot-2
Peak 06:00-14:00 18:00-00:00
OffPeak 14:00-18:00 00:00-06:00

Last Bill Amt(Rs.)	Pymt Rcvd(Rs.)	Rebate(Rs.)	Cr. Sundry Adj.(A)	Net Arrear(Rs.)	Net Payable Amount	
2,78,31,636.49	7,91,159.60	0	0.00	2,70,40,476.89	Before Rbt. Dt.(Rs.)	After Rbt. Dt.(Rs.)
Curr. Bill Amt(Rs.)	DPS(Rs.)	Misc Charges	Prov Adj.(Rs.)	Installments(Rs.)	2,81,83,192.00	2,81,91,490.00
8,90,226.03	2,60,787.72	0.00	-0.00	0.00		

Current Bill Details			
a. Energy Charges	7,45,541.55	1. Sundry Adjustment(B)	
Slab 1 - KVAH 127443@ 5.85 7,45,541.55		Debit	0.00
		Credit	0.00
		2. Interest on SD(After TDS)	0.00
a.1 Green Tariff Premium(GTP)	0.00	3. Total Current Bill(Aft Adj/Inst)	8,90,226.03
b. Incentive on TOD	0.00	4. Rebate Allowable	
c. Demand Charge / MMFC	82,000.00	Prompt Payment+Rural+Special Rebate	-8,297.92
d. Overdrawal penalty	0.00000	5. Net Current payment after Rebate	8,81,928.11
e. Penalty for Fall in PF 0%	0.00	Digital Payment Rebate	0.00
f. Power Factor Incentive	0.00	6.Net Current payment after Digital	8,81,928.11
g. Colony KvaH charge	0.00	7. Cross Subsidy Charges	0.00
h.Load Factor Rebate/ Special Discount	0.00 / 0.00	8. Disputed Amount	0.00
i. Electricity Charge	8,27,541.55	9. Last Rebate Allowed	0
(a-b+c+d+e-f+g+h)		10. ASD Claimed	0.00
j. Electricity Duty (8%)	59,643.32	Message	
k. Meter Rent	2,000.00	1. The connection shall be liable for disconnection on non-payment of all dues(including arrears of previous bill(s) by due date, after notice as per Section 56(1) of the Electricity Act,2003. 2. Payment of Electricity Bill can be made by way of Cash/DD or Cheque. May please note that Dishonour of Cheque is a criminal offence and is punishable by imprisonment up to two years or with monetary penalty or with both. 3. Disputed amount is to be finalised on the outcome of the order of the respected court and the applicable. 4. ECS Opt-in. 5.Date wise last 5 payments detail with component wise adjustment are shown in annexure (second page). Payments has been clubbed in case of more than 5 payments from last billing cycle. 6.For FY 2020-21, final TCS amount will be intimated after reconciliation. From FY 2021-22, TCS shall be levied based on collection.	
l. Customer Service Charge	250.00		
m. R.I. Surcharge	0.00		
n. Tax Collection at Source	791.16		
o. Current Total (i+j+k+l+m+n)	8,90,226.03		

Division Office	Connect at	Connect us
EXECUTIVE ENGINEER (ELECT.), TPWODL, SUNDERGARH ELECTRICAL DIVISION, SUNDERGARH, AT-PHED ROAD, PO-SUNDERGARH, DIST-SUNDERGARH, PIN-770001	consumercare@tpwesternodisha.com	1912/ 1800 345 6798

NEFT/RTGS Bank Details Beneficiary Name :- TP Western Odisha Distribution Limited Beneficiary Branch :- HDFC Bank Limited Bank Account No :- TPWODLXXXXXXXXXXXXX
(Where XXXXXXXXXXXX denote your 12 Digit Consumer Number) IFSC Code :- HDFC0004989 Account Type :- Current Bank Branch :- Kanjurmarg Branch, Mumbai

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CA No. : 812000000047

Invoice Number: 812000007232324

ARREAR UPTO LAST MONTH						
	EC	ED	DPS	TCS / ISD	MISC	TOTAL
PY	0.00	0.00	0.00	0.00	0	0.00
CY	20,754,585.55	1,561,960.39	4,462,209.85	0.00	0	26,778,755.79
LM	794,348.57	56,807.89	259,400.10	0 / -57675.86	0	1,052,880.70
PX	0.00	0.00	0.00	0.00	0	0.00
Total						27,831,636.49

PAYMENT AND REBATE DETAILS						
SINo	Pmt Dt	Ref No	EC	ED	DPS	TCS / TDS
1	14-Jun-23	ICICH06164005838	738,355.60	52,804.00	0.00	0.00
Total Payment adjusted incl Rebate			738,355.60	52,804.00	0.00	0.00
						791,159.60

02-Jun-23	Bill Adjusted with ISD	53,822.68	3,853.18	0.00	0.00	57,675.86
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*Payment Adjusted inclusive of rebate/advances/excess amount paid if any.

CLOSING BALANCE OF ARREARS AFTER CONSIDERATION OF PAYMENTS						
	EC	ED	DPS	TCS	MISC	TOTAL
PY	0.00	0.00	0.00	0.00	0.00	0.00
CY	20756755.84	1562111.10	4721609.95	0.00	0.00	27,040,476.89
PX	0.00	0.00	0.00	0.00	0.00	0.00
Total						27,040,476.89

*Abbreviations: PY- Previous Year CY- Current Year LM- Last Month PX- Deferred Amount

DPS Details			
1	Dps On Rs. 20700762.87*(1.25/100)*(30)		258,759.54
2	Dps On Rs. 794348.57*(1.25/100)*(5)		1,654.89
3	Dps On Rs. 55992.97*(1.25/100)*(16)		373.29
TOTAL DPS CHARGED			260,787.72

Tariff Structure (Charges applicable from 01-04-2023)

Consumer Category	Units per month	Energy Charge	MMFC first kW or part	MMFC on additional kW or	Consumer Category	Energy Charge(kVAH)	Demand Charge (kVA)	Customer Service Charge
LT Category					EHT Category			
Kutir Jyoti			80		General Purpose	As per Load Factor **	250	700
Domestic Others	<=50 units	3.00	20	20	Large Industry			
	>50, <=200	4.80			Railway Traction			
	>200, <=400	5.80			Heavy Industry			
	>400 units	6.20			Power Intensive Industry			
General Purpose <110 kVA	<=100 units	5.90	30	30	Mini Steel Plant	7.70		
	>100, <=300	7.00			Emergency Supply to CGP			
	>300 units	7.60			Colony consumption	4.85		
	Irrigation Pumping & Agri				1.50	20		10
Allied Agri Activity		1.60	20	10	=<60%		5.85	5.80
Allied Agro-Industrial Activity		3.10	80	50	>60%		4.75	4.70
Public Lighting		6.20	20	15	HT Category			
LT Industrial (S) <22 kVA		6.20	80	35	Bulk Supply - Domestic	4.90	20	250
LT Industrial (M) >=22 KVA, <110 kVA		6.20	100	80	Irrigation Pumping & Agri	1.40	30	
Specified Public Purpose		6.20	50	50	Allied Agri Activity	1.50	30	
Public Water Works & Sewage Pumping <110 kVA		6.20	50	50	Allied Agro-Industrial Activity	3.00	50	
Public Water Works & Sewage Pumping >=110		6.20	200 (Demand Charges)	30 (Customer Service Charges)	Emergency Supply to CGP	7.80		
General Purpose >=100 kVA					Colony consumption	4.90		
Large Industry					HT Industrial (M) Supply		150	250
Customer Complaint Management					General Purpose >70, <=110 kVA	As per Load Factor *	250	250
The President,Grievance Redressal Forum,TPWODL, Qtr No.SD-6/2, Near NAC College, Burla, Sambalpur, Pin: 768017, Ph No.0663-2950601, E-mail: grf.burla@tpwesternodisha.com					General Purpose >110 kVA			
					Public Water Works & Sewage			
The President, Grievance Redressal Forum, TPWODL, Guest House. In front of Children's Park, Bolangir, Ph.06652-235741, E-mail: grf.bolangir@tpwesternodisha.com					Large Industry			
					Power Intensive Industry			
The President, Grievance Redressal Forum, Plot No. UU/9, Civil Township, Rourkela-769004, Ph.No.0661-2664241, E-mail: grf.rourkela@tpwesternodisha.com					Mini Steel Plant Railway Traction			
					Give a missed call at 7411 77 9783 for availing New connection services.			
Energy Saving & Safety TIPS								
Turn off all lights / appliances when not in use. Replace Incandescent Bulb by LED, and Energy Efficient Tube Light, Electric Fan etc. Use energy efficient star rated appliances. Never touch electrical lines whether inside house or outside. This is dangerous to your life. Never do construction work near or under electrical lines and Don't use electrical lines for drying cloths.								



BILL OF SUPPLY FOR ELECTRICITY

Consumer Name :	POWER GRID CORPORATION INDIA	Rebate Date :	05/07/2023
Address Details :	400/220KV GRID,NARANPURKEONJHAR	Due Date :	10/07/2023
	, PINCODE:0	Consumer A/c No. :	621000000053
		Consumer ID :	6210000025
		Old Consumer No. :	GP195
Email Id :	onmkeonjhar@powergrid.co.in	Bill Number :	621000007231015845
Mobile No :	8333991374	Bill Issue Date :	01/07/2023
		Bill Basis :	ACTUAL
		Last Bill Issue Date :	01/06/2023
		Bill Month :	2023/06

Area Details	Connection Details	Supply and Meter Details
Division : KED KEONJHAR	Tariff Category : GENERAL PURPOSE >= 110 KVA	Power Factor : 0.9076
Sub-Division : SDO-II KEONJHAR	Category Type : HT	Power ON Hour : 720
Section : ESO KEONJHAR RE-I	Contract Demand : 213 KVA	Billable Demand-KVA : 170.400
DT No. :	Supply Voltage : 33 KV	Meter Sl. No. : TPN64923
Pole No. :	Own Transformer : NO	Col. Meter No. :
MRU No. :	ED Exemption : NO	Bill Period : 01/06/2023 - 30/06/2023
Walking Sequence :	Date of Connection : 01/05/2019	Bill Days/Months : 30/1.0000
Organization Type :	Security Deposit : 6,23,494.00	Load Factor : 67.8400
Connection Type :	Metering Side : HT	Meter Reading : ACTUAL METER
	Consumer Status : Active	Main Meter MF : 3773.00
	Transformer Rating : 630 KVA	

Meter Reading Details							
Parameter	Prev Reading	Current Reading	Diff	T.F Loss	Total		
KWH	52.1605	61.4710	9.3105	0.00	35,129.0000		
MD-KW	0.0000	0.0000		0.00	0.0000		
KVAH	56.0120	66.2695	10.2575	0.00	38,702.0000		
MD-KVA	0.0680	0.0210		0.00	79.2330		
Timing Slot	Slot-1	Slot-2	Slot-1	Slot-2	Slot-1	Slot-2	
Off Peak KWH	2.0860	18.8905	3.6925	21.3125	1.6065	2.4220	0.00
Off Peak KVAH	2.2740	19.5430	4.0735	22.1290	1.7995	2.5860	0.00
Off Peak MD-KW	0.0000	0.0000	0.0000				0.00
Peak KWH	27.8655	3.3185	30.4910	5.9750	2.6255	2.6565	0.00
Peak KVAH	30.6740	3.5210	33.7220	6.3450	3.0480	2.8240	0.00
Peak MD-KW			0.0000	0.0000			0.00
Off Peak MD-KVA	0.0222	0.0186	0.0210	0.0188			0.00
Peak MD-KVA	0.0179	0.0202	0.0175	0.0194			0.00
KVARH		18.9865		23.1445		4.1580	0.00
KVARH Lead		0.0010		0.0010		0.0000	0.0000

Due Date: 10/07/2023
(Immediate for Arrears)
Total Amount Payable
Rs. 2,11,04,192.00
Net Current Payment after Digital
Rs. 2,75,868.97

Slot-1 Slot-2
Peak 06:00-14:00 18:00-00:00
OffPeak 14:00-18:00 00:00-06:00

Last Bill Amt(Rs.)	Pymt Rcvd(Rs.)	Rebate(Rs.)	Cr. Sundry Adj.(A)	Net Arrear(Rs.)	Net Payable Amount	
2,09,43,393.69	2,70,607.94	0	0.00	2,06,72,785.75	Before Rbt. Dt.(Rs.)	After Rbt. Dt.(Rs.)
Curr. Bill Amt(Rs.)	DPS(Rs.)	Misc Charges	Prov Adj.(Rs.)	Installments(Rs.)		
2,78,479.22	1,52,927.52	0.00	-0.00	0.00	2,11,01,582.00	2,11,04,192.00

Current Bill Details			
a. Energy Charges	2,21,484.60		1. Sundry Adjustment(B)
Slab 1 - KVAH 34227.36@	5.85	2,00,230.06	Debit 0.00
Slab 2 - KVAH 4474.64@	4.75	21,254.54	Credit 0.00
			2. Interest on SD(After TDS)
			0.00
a.1 Green Tariff Premium(GTP)	0.00		3. Total Current Bill(Aft Adj/Inst)
b. Incentive on TOD	-3,309.40		2,78,479.22
c. Demand Charge / MMFC	42,600.00		4. Rebate Allowable
d. Overdrawal penalty	0.00000		Prompt Payment+Rural+Special Rebate
e. Penalty for Fall in PF 0%	0.00		-2,610.25
f. Power Factor Incentive	0.00		5. Net Current payment after Rebate
g. Colony KvaH charge	0.00		2,75,868.97
h. Load Factor Rebate/ Special Discount	0.00 / 0.00		Digital Payment Rebate
i. Electricity Charge	2,60,775.20		0.00
(a-b+c+d+e-f+g+h)			6. Net Current payment after Digital
j. Electricity Duty (8%)	17,454.02		2,75,868.97
			7. Cross Subsidy Charges
k. Meter Rent	0.00		0.00
l. Customer Service Charge	250.00		8. Disputed Amount
m. R.I. Surcharge	0.00		0.00
n. Tax Collection at Source	0.00		9. Last Rebate Allowed
o. Current Total (i+j+k+l+m+n)	2,78,479.22		0
			10. ASD Claimed
			0.00

Message
1. The connection shall be liable for disconnection on non-payment of all dues(including arrears of previous bill(s) by due date, after notice as per Section 56(1) of the Electricity Act,2003. 2. Cheque/Bank draft is to be issued in favour of TP Northern Odisha Distribution Ltd. RTGS/NEFT/IMPS payment can be made to TP Northern Odisha Distribution Limited by putting Payee Account No. TPNODLXXXXXXXXXX (Where XXXXXXXXXXXX denotes your 12 digit Consumer Account Number). For Example. If Consumer Account no. is 123456789101 then Payee Account No. would be TPNODL123456789101. IFSC Code (11 digit) : UTIB0CCH274. You can also pay through Paytm/PhonePe/Google Pay/Amazon Pay/MobiKwik App or Bill Desk/Paytm Gateway.(Net Banking option) available on Odisha Discoms/TPNODL Website. 3. Disputed amount is to be finalised on the outcome of the order of the respected court and the applicable. 4. ECS Opt-in. 5. Date wise last 5 payments detail with component wise adjustment are shown in annexure (second page). Payments has been clubbed in case of more than 5 payments from last billing cycle. 6. For FY 2020-21, final TCS amount will be intimated after reconciliation. From FY 2021-22, TCS shall be levied based on collection.

Division Office	Connect at	Connect us
THE MANAGER (ELECT) KED, KEONJHAR PIN: 758001, Client Manager - Mr. Ajit Vikram Singh, E-Mail - ajit.singh@tpnodl.com; Contact No.9438906074	www.tpnodl.com	1912 / 1800 345 6718

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CA No. : 621000000053

Invoice Number: 621000007231015

ARREAR UPTO LAST MONTH						
	EC	ED	DPS	TCS / ISD	MISC	TOTAL
PY	12,223,601.69	933,146.99	2,280,064.69	0.00	0	15,436,813.37
CY	8,838.08	578.96	5,043,864.28	0.00	0	5,053,281.32
LM	256,109.20	17,060.74	180,129.06	0.00	0	453,299.00
PX	0.00	0.00	0.00	0.00	0	0.00
Total						20,943,393.69

PAYMENT AND REBATE DETAILS						
SlNo	Pmt Dt	Ref No	EC	ED	DPS	TCS / TDS
1	08-Jun-23	HTEHT621JUN23KED01	253,706.94	16,901.00	0.00	0.00
Total Payment adjusted incl Rebate			253,706.94	16,901.00	0.00	0.00

*Payment Adjusted inclusive of rebate/advances/excess amount paid if any.

CLOSING BALANCE OF ARREARS AFTER CONSIDERATION OF PAYMENTS						
	EC	ED	DPS	TCS	MISC	TOTAL
PY	12223601.69	933146.99	2280064.69	0.00	0.00	15,436,813.37
CY	11240.34	738.70	5223993.34	0.00	0.00	5,235,972.38
PX	0.00	0.00	0.00	0.00	0.00	0.00
Total						20,672,785.75

*Abbreviations: PY- Previous Year CY- Current Year LM- Last Month PX- Deferred Amount

DPS Details	
1	Dps On Rs. 12223601.69*(1.25/100)*(8/30) 40,745.34
2	Dps On Rs. 12223601.69*(1.25/100)*(22/30) 112,049.68
3	Dps On Rs. 8838.08*(1.25/100)*(30) 110.48
4	Dps On Rs. 2402.26*(1.25/100)*(22) 22.02
TOTAL DPS CHARGED	

Tariff Structure (Charges applicable from 01-04-2023)

Consumer Category	Units per month	Energy Charge	MMFC first kW or part	MMFC on additional kW or	Consumer Category	Energy Charge(kVAH)	Demand Charge (kVA)	Customer Service Charge
LT Category					EHT Category			
Kutir Jyoti			80		General Purpose	As per Load Factor **	250	700
Domestic Others	<=50 units	3.00	20	20	Large Industry			
	>50, <=200	4.80			Railway Traction			
	>200, <=400	5.80			Heavy Industry			
	>400 units	6.20			Power Intensive Industry			
General Purpose <110 kVA	<=100 units	5.90	30	30	Mini Steel Plant	7.70	4.85	
	>100, <=300	7.00			Emergency Supply to CGP			
	>300 units	7.60			Colony consumption			
	Irrigation Pumping & Agri				1.50	20	10	Load Factor(%)
Allied Agri Activity		1.60	20	10	=<60%		5.85	5.80
Allied Agro-Industrial Activity		3.10	80	50	>60%		4.75	4.70
Public Lighting		6.20	20	15	HT Category			
LT Industrial (S) <22 kVA		6.20	80	35	Bulk Supply - Domestic	4.90	20	250
LT Industrial (M) >=22 KVA, <110 kVA		6.20	100	80	Irrigation Pumping & Agri	1.40	30	
Specified Public Purpose		6.20	50	50	Allied Agri Activity	1.50	30	
Public Water Works & Sewage Pumping <110 kVA		6.20	50	50	Allied Agro-Industrial Activity	3.00	50	
Public Water Works & Sewage Pumping >=110		6.20	200 (Demand Charges)	30 (Customer Service Charges)	Emergency Supply to CGP	7.80		
General Purpose >=100 kVA					Colony consumption	4.90		
Large Industry					HT Industrial (M) Supply		150	250
Customer Complaint Management					General Purpose >70, <=110 kVA	As per Load Factor *	250	250
The Ombudsman (I & II), Ors. No. -3RS/2, Gridco Colony, P.O. Bhoi Nagar Bhubaneswar - 751022, Ph.: 0674-2543825					General Purpose >110 kVA			
GRF, BALASORE The President GRF, Vivekananda Marg, Near Kali Mandir, Dist. Balasore - 756 001. Ph No. (06782)-269579, email- grfbals@rediffmail.com					Public Water Works & Sewage			
GRF, JAIPUR ROAD The President GRF, Jajpur Road, TTS Colony, Dhabalagiri PO Sobra, Dist. Jajpur 755 019. Ph- (06726)-224668,grfjrd@nescodisha.com					Large Industry			
					Power Intensive Industry			
					Mini Steel Plant Railway Traction			
Energy Saving & Safety TIPS								
Turn off all lights / appliances when not in use. Replace Incandescent Bulb by LED, and Energy Efficient Tube Light, Electric Fan etc. Use energy efficient star rated appliances. Never touch electrical lines whether inside house or outside. This is dangerous to your life. Never do construction work near or under electrical lines and Don't use electrical lines for drying cloths.								

Annexure B8

BOQ FOR PROCUREMENT OF REGIONAL RECATOR SPARES EASTERN REGION

SL No.	Item Description	Unit	Qty	Unit Price (Excl. GST)	Erection Cost (Excl. GST)	GST @ 18%	Unit Price (Incl. GST)	Freight/Insurance/ Loading/ Unloading	Erection Cost (Incl. GST)	TOTAL Unit Price
1	420KV , 3Ph , 125 MVAR Reactor without Insulating Oil	EA	1	97135829	1793135	18%	114620278.2	3885433.16	2115899.3	120621610.7
2	Online Dissolved Gas & Moisture Analyser	EA	0	0	0	18%	0	0	0	0
3	Online Insulating Oil Drying System (Cartridge type)	EA	0	0	0	18%	0	0	0	0
4	SPARE FOUNDATION	EA	1	3500000	0	18%	4130000	0	0	4130000
								TOTAL		124751610.7
1	420KV , 3Ph , 80 MVAR Reactor without Insulating Oil	EA	1	76150900	1817900	18%	89858062	3046036	2145122	92904098
2	Online Dissolved Gas & Moisture Analyser	EA	0	0	0	18%	0	0	0	0
3	Online Insulating Oil Drying System (Cartridge type)	EA	0	0	0	18%	0	0	0	0
4	SPARE FOUNDATION	EA	1	3000000	0	18%	3540000	0	0	3540000
								TOTAL		96444098
1	420KV , 3Ph , 63 MVAR Reactor without Insulating Oil	EA	0	70651703	1758567	18%	83369009.54	2826068.12	2075109.06	86195077.66
2	Online Dissolved Gas & Moisture Analyser	EA	0	0	0	18%	0	0	0	0
3	Online Insulating Oil Drying System (Cartridge type)	EA	0	0	30046	18%	0	0	35454.28	0
4	SPARE FOUNDATION	EA	1	2700000	0	18%	3186000	0	0	3186000
								TOTAL		89381077.66
1	220KV , 3Ph , 31.5MVAR Reactor without Insulating Oil	EA	1	69477655	1650333	18%	81983632.9	2779106.2	1947392.94	84762739.1
2	Online Dissolved Gas & Moisture Analyser	EA	0	0	0	18%	0	0	0	0
3	Online Insulating Oil Drying System (Cartridge type)	EA	0	0	30046	18%	0	0	35454.28	0
4	SPARE FOUNDATION	EA	1	2000000	0	18%	2360000	0	0	2360000
								TOTAL		87122739.1

STATE	VOLTAGE	SIZE	STORAGE PLACE	COST IMPLICATIONS
WEST BENGAL	400 KV	125 MVAR	DURGAPUR SS	124751610
		80 MVAR	BINAGURI SS	96444098
		63 MVAR	BINAGURI SS	89381077
SIKKIM	400 KV	80 MVAR	RANGPO SS	96444098
	220 KV	31.5 MVAR	NEW MELLI SS	87122739
BIHAR	400 KV	125 MVAR	BIHARSARIFF SS	124751610
		80 MVAR	PATNA SS	96444098
		63 MVAR	MUZAFFARPUR SS	89381077
JHARKHAND	400 KV	125 MVAR	NEW RANCHI SS	124751610
		80 MVAR	RANCHI SS	96444098
ODHISSA	400 KV	63 MVAR	ROURKELLA SS	89381077
			TOTAL	1115297192

TOTAL= RS. ONE HUNDRED AND ELEVEN CRORE FIFTY TWO LACS NINETY SEVEN THOUSAND ONE HUNDRED NINETY TWO ONLY

ELECTROMECHANICAL LBB RELAY INSTALLED AT **400/220 KV BINAGURI SUBSTATION**

SL NO.	FEEDER NAME	RELAY MODEL
1	401 TALA-4 MAIN BAY	MCTI
2	402 TALA-3 & 4 TIE BAY	MCTI
3	403 TALA-3 (MALBASE) MAIN BAY	MCTI
4	404 ICT-2 MAIN BAY	MCTI
5	405 TALA-2 & ICT-2 TIE BAY	MCTI
6	406 TALA-2 MAIN BAY	MCTI
7	407 ICT-1 MAIN BAY	RAICA
8	408 TALA-1 & ICT-1 TIE BAY	RAICA
9	409 TALA-1 MAIN BAY	RAICA
10	410 RANGPO-1 MAIN BAY	2DAB
11	411 RANGPO-1 & BONG-1 TIE BAY	RAICA
12	412 BONGAIGAON-1 MAIN BAY	RAICA
13	413 RANGPO-2 MAIN BAY	2DAB
14	414 RANGPO-2 & BONG-2 TIE BAY	MCTI
15	415 BONGAIGAON-2 MAIN BAY	MCTI
16	416 KISHANGANJ-1 MAIN BAY	MCTI
17	417 KISHANGANJ-1 & BR-1 TIE BAY	MCTI
18	418 BUS REACTOR-1 MAIN BAY	MCTI
19	419 KISHANGANJ-2 MAIN BAY	MCTI
20	420 KISHANGANJ-2 & BR-2 TIE BAY	MCTI
21	421 BUS REACTOR-2 MAIN BAY	MCTI
22	422 PURNEA-1 MAIN BAY	MCTI
23	423 PURNRA-1 & ALPD-1 TIE BAY	MCTI
24	425 PURNEA-2 MAIN BAY	MCTI
25	426 PURNRA-2 & ALPD-2 TIE BAY	7SV6001
26	201 ICT-1 220KV SIDE	RAICA
27	203 ICT-2 220 KV SIDE	MCTI
28	205 SILIGURI -1	RAICA
29	206 SILIGURI-2	RAICA
30	207 BUS COUPLER	RAICA
31	208 TRANSFER BUS	RAICA
32	209 BIRPARA -1	RAICA
33	210 BIRPARA-2	RAICA
34	213 M1 BUS SECTION-1	RAICA
35	213 M2 BUS SECTION-2	RAICA

TOTAL QUANTITY OF MCTI RELAY	18
TOTAL QUANTITY OF RAICA RELAY	14
TOTAL QUANTITY OF EASUN REYROLLE RELAY	2

TOTAL QUANTITY OF 7SV6001 RELAY	1
TOTAL	35 NOS

ELECTROMECHANICAL LBB RELAY INSTALLED AT 400/220 KV MAITHON SUBSTATION

SL NO.	FEEDER NAME	RELAY MODEL
1	MAITH-MAIN_BAY_406	VAJSM43SF102B
2	MAITH-MAIN_BAY_407	VAJSM43SF102B
3	MAITH-TIE__BAY_408	RAICA
4	MAITH-MAIN_BAY_409	RAICA
5	MAITH-TIE__BAY_411	RAICA
6	MAITH-MAIN_BAY_412	RAICA
7	MAITH-MAIN_BAY_413	RAICA
8	MAITH-TIE__BAY_414	RAICA
9	MAITH-MAIN_BAY_415	RAICA
10	MAITH-MAIN_BAY_416	RAICA
11	MAITH-TIE__BAY_417	RAICA
12	MAITH-TIE__BAY_420	RAICA
13	MAITH-MAIN_BAY_421	RAICA
14	MAITH-TIE__BAY_423	RAICA
15	MAITH-MAIN_BAY_424	RAICA
16	200KV Maithon-DHN-1_205	RAICA
17	200KV Maithon-DHN-2_204	RAICA
18	500MVA ICT-1_206	RAICA
19	220KV TBC_209	RAICA
20	220KV Bus Coupler_210	RAICA
21	500MVA ICT-2_213	RAICA
22	220KV Kalensawari-1_214	RAICA
23	220KV Kalensawari-2_215	RAICA

TOTAL QUANTITY OF VAJSM RELAY	2
TOTAL QUANTITY OF RAICA RELAY	21
TOTAL	23 NOS

TOTAL	58 NO'S RELAY
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Annexure B12

Tariff under section 63 & section 62		Dec-22 (till 14th)	Dec-22 (15th and onwards)**	Jan-23	Feb-23	Mar-23	Apr-23
GKEL-PTC-Haryana Discom (tariff under Section-63)	PTC-HPPC Quoted Energy Charge	1.226	1.226	1.226	1.226	1.226	1.257
	CIL	0.44	0.44	0.44	0.45	0.44	0.47
	Total Energy Charge in Rs./kWh	1.666	1.666	1.666	1.676	1.666	1.727
		Dec-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
GKEL-Bihar Discom (tariff under Section-63)	Bihar Discom Quoted Energy Charge	1.206	1.206	1.206	1.206	1.206	1.206
	CIL	0.35	0.35	0.34	0.34	0.33	0.35
	Total Energy Charge in Rs./kWh	1.556	1.556	1.546	1.546	1.536	1.556
		Dec-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
GKEL-PTC-TANGEDCO (tariff under Section-63)	PTC-TANGEDCO Quoted Energy Charge	2.16	2.16	2.16	2.16	2.16	2.21
	CIL	-	-	-	-	-	-
	Total Energy Charge in Rs./kWh	2.16	2.16	2.16	2.16	2.16	2.21
		Dec-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Reference Charge Rate (RCR) at plant bus	GMRKEL-CTU	1.616	1.686	1.682	1.686	1.678	1.721

Note: **Commencement of power supply to PTC-TANGEDCO w.e.f 15.12.2022 under medium term PPA dated 28.06.2022, VC is Rs. 2.16/kWh for FY 2022-23 and Rs. 2.21/kWh for FY 2023-24

Reconciliation summary as per ERPC (published energy charge) vs GKEL Calculations (calculated energy Charge)										Back up day wise calculation link for reporting week	Remarks
S no.	Date	ERPC Energy cost Published (paisa/Kwh) (A)	GKEL Energy Charge/Reference Charge Rate (Paisa/Kwh) (B)	Net Deviation Charge in As per ERPC calculation (Rs.) (C)	Net Deviation Charge As per GKEL calculation with ERPC published energy cost (Rs.) (D)	Difference in Rs E= (C-D)	Net Deviation Charge in As per GKEL calculation @ ECR revision (Rs.) (F)	Difference (Receivable) G=(C-F)	Calculations methodology as per CERC regulations		
1	05-Dec-22	162.94	161.60	58,096	58,096	0	57,618	478	OLD DSM FORMULA AS PER REGULATION (5-12-2022- 27-12-2022)	1	
2	06-Dec-22	163.55	161.60	27,596	27,595	1	27,266	330			
3	07-Dec-22	163.55	161.60	76,592	76,592	(0)	76,036	556			
4	08-Dec-22	163.55	161.60	66,729	66,729	0	65,933	796			
5	09-Dec-22	163.55	161.60	76,392	76,393	(1)	75,485	907		2	
6	10-Dec-22	163.40	161.60	58,853	58,854	(1)	58,251	602			
7	11-Dec-22	163.19	161.60	94,544	94,544	0	93,832	712			
8	12-Dec-22	163.51	161.60	1,13,036	1,13,036	0	1,11,941	1,095			
9	13-Dec-22	163.88	161.60	1,64,296	1,64,296	0	1,62,714	1,582		3	
10	14-Dec-22	178.07	177.63	4,55,978	4,55,978	(0)	4,55,703	275			
11	15-Dec-22	200.42	168.57	2,21,351	2,21,351	(0)	1,98,015	23,336			
12	16-Dec-22	207.47	168.57	2,01,103	2,01,103	0	1,63,812	37,291			
13	17-Dec-22	212.76	168.57	1,46,626	1,46,627	(1)	1,16,170	30,456		4	
14	18-Dec-22	205.64	168.57	1,11,958	1,11,958	(0)	91,774	20,184			
15	19-Dec-22	221.26	168.63	2,17,341	2,17,341	0	1,70,569	46,772			
16	20-Dec-22	216.77	168.67	1,35,678	1,35,679	(1)	1,05,573	30,105		5	
17	21-Dec-22	213.66	168.65	2,17,847	2,17,847	0	1,74,723	43,124			
18	22-Dec-22	217.58	168.66	2,10,483	2,10,484	(1)	1,65,590	44,893			
19	23-Dec-22	223.18	168.67	1,54,585	1,54,585	(0)	1,21,758	32,827		6	
20	24-Dec-22	219.57	168.68	36,584	36,583	1	29,320	7,264			
21	25-Dec-22	209.41	168.67	79,738	79,738	0	64,224	15,514			
22	26-Dec-22	226.83	168.68	98,325	98,325	(0)	75,770	22,555		7	
23	27-Dec-22	227.09	168.69	43,756	43,756	(0)	32,504	11,252			
24	28-Dec-22	219.84	168.68	65,650	65,651	(1)	50,374	15,276	Petition No. 16/SM/2022	8	
25	29-Dec-22	222.73	168.68	2,37,898	2,37,898	0	2,16,146	21,752			
26	30-Dec-22	225.68	168.68	1,08,475	1,08,475	(0)	88,013	20,462			
27	31-Dec-22	229.84	168.69	1,10,620	1,10,620	0	86,479	24,141			
28	01-Jan-23	207.03	168.24	63,836	63,611	225	52,801	11,035		9	
29	02-Jan-23	221.20	168.28	81,961	81,961	(0)	62,555	19,406			
30	03-Jan-23	214.77	168.26	41,159	41,159	0	32,318	8,841			
31	04-Jan-23	220.53	168.27	51,255	51,254	1	39,249	12,006		10	
32	05-Jan-23	232.10	168.30	93,178	93,178	0	67,566	25,612			
33	06-Jan-23	235.81	168.32	65,732	65,732	(0)	46,919	18,813			
34	07-Jan-23	241.91	168.33	75,020	75,020	0	52,201	22,819		11	
35	08-Jan-23	218.22	168.26	1,61,677	1,61,677	(0)	1,25,277	36,400			
36	09-Jan-23	242.73	168.33	23,54,103	23,54,103	(0)	23,20,680	33,423		12	
37	10-Jan-23	246.77	168.35	73,857	73,858	(1)	50,386	23,471			
38	11-Jan-23	254.48	168.36	96,350	96,350	0	63,743	32,607			
39	12-Jan-23	251.09	168.35	63,172	63,172	(0)	42,356	20,816		13	
40	13-Jan-23	252.43	168.36	1,08,482	1,08,482	(0)	72,351	36,131			
41	14-Jan-23	243.68	168.33	1,08,197	1,08,197	(0)	76,765	31,432			
42	15-Jan-23	226.64	168.28	77,885	77,885	(0)	57,830	20,055		14	
43	16-Jan-23	225.16	168.28	93,750	93,750	0	74,402	19,348			
44	17-Jan-23	222.06	168.28	38,149	38,149	(0)	28,910	9,239			
45	18-Jan-23	218.01	168.27	60,745	60,746	(1)	47,300	13,445		15	
46	19-Jan-23	221.70	168.29	76,658	76,658	(0)	58,191	18,467			
47	20-Jan-23	280.60	168.30	(29,197)	(29,197)	(0)	(17,265)	(11,932)			
48	21-Jan-23	285.33	168.17	34,500	34,499	1	20,333	14,167		16	
49	22-Jan-23	192.49	168.89	58,783	58,784	(1)	53,239	5,544			
50	23-Jan-23	219.86	168.20	1,06,946	1,06,946	0	85,344	21,602			
51	24-Jan-23	204.39	168.24	97,104	97,104	0	79,929	17,175		17	
52	25-Jan-23	204.55	168.24	48,246	48,246	0	39,681	8,565			
53	26-Jan-23	190.72	168.20	98,454	98,454	(0)	89,012	9,442			
54	27-Jan-23	201.89	168.22	78,065	78,065	0	65,503	12,562			

55	28-Jan-23	204.97	168.24	69,531	69,532	(1)	57,071	12,460		9	
56	29-Jan-23	193.73	168.20	31,911	31,911	(0)	27,783	4,128			
57	30-Jan-23	207.58	168.24	1,26,747	1,26,746	1	1,08,898	17,849			
58	31-Jan-23	201.41	168.21	1,99,169	1,99,170	(1)	1,81,763	17,406			
59	01-Feb-23	198.31	168.68	93,761	93,760	1	84,497	9,264			
60	02-Feb-23	219.11	168.71	24,94,533	24,94,532	1	24,32,280	62,253			
61	03-Feb-23	210.41	168.70	1,05,937	1,05,937	0	92,899	13,038			
62	04-Feb-23	203.41	168.73	41,760	41,759	1	34,639	7,121			
63	05-Feb-23	195.86	168.69	49,878	49,878	0	42,958	6,920			
64	06-Feb-23	207.00	168.72	46,274	46,274	(0)	37,716	8,558			
65	07-Feb-23	196.99	168.71	86,949	86,949	0	74,468	12,481		10	
66	08-Feb-23	201.65	168.73	1,83,644	1,83,644	(0)	1,74,191	9,453			
67	09-Feb-23	206.81	168.74	1,28,125	1,28,125	0	1,16,448	11,677			
68	10-Feb-23	212.42	168.74	2,13,690	2,13,690	0	1,74,005	39,685			
69	11-Feb-23	216.42	168.77	6,21,033	6,21,033	0	5,27,529	93,504			
70	12-Feb-23	168.54	168.73	4,68,076	4,68,076	(0)	4,68,596	(520)			
71	13-Feb-23	168.60	168.77	5,89,778	5,89,778	(0)	5,90,230	(452)			
72	14-Feb-23	239.99	168.80	4,96,496	4,96,497	(1)	3,94,911	1,01,585			
73	15-Feb-23	249.41	168.82	8,53,952	8,48,448	5,504	7,10,178	1,43,774			
74	16-Feb-23	250.98	168.82	7,15,052	7,15,052	0	5,68,236	1,46,816		11	
75	17-Feb-23	257.42	168.84	8,03,345	8,03,345	(0)	6,40,079	1,63,266			
76	18-Feb-23	260.66	168.85	5,65,012	5,65,012	0	4,21,289	1,43,723			
77	19-Feb-23	168.61	168.76	4,47,406	4,47,405	1	4,47,725	(319)			
78	20-Feb-23	169.12	169.09	5,87,458	5,87,458	(0)	5,87,392	66			
79	21-Feb-23	169.28	169.29	4,19,594	4,19,593	1	4,19,602	(8)			
80	22-Feb-23	169.18	169.19	4,91,988	4,91,988	(0)	4,92,014	(26)			
81	23-Feb-23	169.17	169.23	5,60,522	5,60,522	(0)	5,60,668	(146)			
82	24-Feb-23	169.33	169.30	37,52,152	37,52,152	0	37,52,118	34			
83	25-Feb-23	169.29	169.36	71,059	71,060	(1)	71,077	(18)			
84	26-Feb-23	170.85	169.26	61,053	61,053	(0)	60,683	370		12	
85	27-Feb-23	173.83	168.65	12,147	12,147	0	12,214	(67)			
86	28-Feb-23	167.81	168.84	51,461	51,461	0	51,582	(121)			
87	01-Mar-23	169.10	168.15	95,163	95,163	(0)	94,727	436			
88	02-Mar-23	169.10	168.30	62,540	62,540	(0)	62,284	256			
89	03-Mar-23	169.27	168.47	1,31,962	1,31,963	(1)	1,31,658	304			
90	04-Mar-23	169.31	168.52	65,465	65,465	(0)	65,295	170			
91	05-Mar-23	173.30	168.27	21,264	21,263	1	20,921	343			
92	06-Mar-23	169.00	168.10	62,021	62,021	0	61,751	270			
93	07-Mar-23	168.93	168.14	67,087	67,087	0	66,966	121			
94	08-Mar-23	173.68	167.82	14,541	10,410	4,131	10,130	4,411		14	
95	09-Mar-23	167.11	167.77	2,665	2,665	0	2,675	(10)			
96	10-Mar-23	167.60	167.86	77,784	77,784	(0)	77,851	(67)			
97	11-Mar-23	168.86	168.09	75,077	75,077	(0)	74,884	193			
98	12-Mar-23	168.84	168.07	48,126	48,126	(0)	48,095	31			
	13-Mar-23								Petition No. 01/SW/2023	15	Minor Schedule is mismatched in bill and SEM data , for GKEL calculation SEM ERLDC site data is used
99		169.10	168.29	32,995	31,981	1,014	31,835	1,160			
100	14-Mar-23	169.09	168.27	1,46,520	1,46,520	0	1,46,050	470			
101	15-Mar-23	169.76	168.39	9,28,317	9,28,317	0	9,21,114	7,203			
102	16-Mar-23	220.82	168.34	98,411	98,411	0	76,911	21,500			
103	17-Mar-23	168.85	168.10	78,218	78,218	(0)	77,984	234			
104	18-Mar-23	168.82	168.08	1,34,123	1,34,123	0	1,33,945	178			
105	19-Mar-23	169.46	168.01	46,352	46,352	(0)	46,010	342			
106	20-Mar-23	412.26	167.91	1,209	1,209	0	1,405	(196)			
107	21-Mar-23	333.64	167.83	20,725	20,726	(1)	13,935	6,790			
	22-Mar-23									16	Minor Schedule is mismatched in bill and SEM data , for GKEL calculation SEM ERLDC site data is used
108		347.64	167.88	22,006	22,179	(173)	21,542	464			
109	23-Mar-23	381.88	167.94	52,184	52,184	0	24,312	27,872			
110	24-Mar-23	386.77	167.99	64,847	64,846	1	41,407	23,440			

111	25-Mar-23	410.15	168.06	(80,140)	(81,781)	1,641	(27,465)	(52,675)		16	Minor Schedule is mismatched in bill and SEM data , for GKEL calculation SEM ERLDC site data is used
112	26-Mar-23	388.75	167.91	51,776	(1,70,201)	2,21,977	(73,088)	1,24,864			Major Schedule is mismatched in bill and SEM data , for GKEL calculation SEM ERLDC site data is used
113	27-Mar-23	475.41	167.84	92,261	92,260	1	35,728	56,533		17	
114	28-Mar-23	515.27	167.87	1,63,789	1,63,789	0	1,09,655	54,134			
115	29-Mar-23	548.28	167.89	26,708	26,709	(1)	31,472	(4,764)			
116	30-Mar-23	512.23	167.86	2,05,640	2,05,639	1	79,157	1,26,483			
117	31-Mar-23	362.74	167.81	78,646	78,646	0	39,942	38,704			
118	01-Apr-23	397.91	172.16	97,861	97,861	0	59,949	37,912			
119	02-Apr-23	366.60	172.12	66,697	66,698	(1)	45,415	21,282		18	
120	03-Apr-23	367.70	172.14	(11,033)	(11,033)	(0)	7,612	(18,645)			
121	04-Apr-23	351.11	172.15	47,159	47,160	(1)	32,566	14,593			
122	05-Apr-23	371.23	172.17	1,74,586	1,74,586	0	1,03,341	71,245			
123	06-Apr-23	367.18	172.19	2,83,292	2,83,292	0	2,04,565	78,727			
124	07-Apr-23	405.84	172.18	2,53,687	2,53,687	0	1,31,442	1,22,245			
125	08-Apr-23	434.65	172.21	94,254	94,253	1	38,123	56,131		19	
126	09-Apr-23	503.43	172.20	1,61,758	1,61,758	0	69,064	92,694			
127	10-Apr-23	0.00	172.23	20,783	20,783	0	4,709	16,074			
128	11-Apr-23	694.76	172.11	18,886	18,886	0	29,441	(10,555)			
129	12-Apr-23	733.36	172.11	1,17,170	1,17,170	0	39,395	77,775			
130	13-Apr-23	728.70	172.11	47,346	47,346	0	40,278	7,068			
131	14-Apr-23	819.14	172.11	95,388	95,388	0	48,423	46,965			
132	15-Apr-23	803.09	172.11	1,15,627	1,15,627	(0)	51,103	64,524			
133	16-Apr-23	735.00	172.11	77,577	77,577	(0)	41,727	35,850			
				2,78,57,010	2,76,22,690	2,34,320	2,47,35,151	31,21,859			

Annexure-B15.1

SUMMARY OF DEVIATION CHARGE RECEIPT AND PAYMENT STATUS

BILL UPTO 02-07-2023 (W-14 of FY 2023-24)
Last Payment Disbursement Date - 21-07-2023

Figures in ₹ Lakhs

CONSTITUENTS	Net outstanding for 2022-23	Receivable by Pool	Received by Pool	Payable From Pool	Paid From Pool	Outstanding for 2023-24	Total Outstanding
BSPTCL	2,547.54813	2,071.06534	0.00000	4,298.76836	0.00000	-2,227.70302	319.84511
JUVNL	114.52322	2,651.70050	0.00000	494.12634	0.00000	2,157.57416	2,272.09738
DVC	0.00000	2,870.17302	2,679.00064	934.28409	934.28409	191.17238	191.17238
GRIDCO	0.00000	2,104.78633	1,951.01988	3,755.41409	3,727.29494	125.64730	125.64730
WBSETCL	0.00000	61.11621	4.39569	10,875.32550	10,818.60498	0.00000	0.00000
Sikkim	1,186.22267	1,304.68716	0.00000	106.16568	0.00000	1,198.52148	2,384.74415
NTPC	0.00000	8,206.50245	7,594.39047	0.00000	0.00000	612.11198	612.11198
NHPC	0.00000	1.90652	1.37824	236.37415	235.84587	0.00000	0.00000
MPL	0.00000	6.80808	4.23679	386.32044	383.74914	-0.00001	-0.00001
APNRL	0.00000	126.88932	61.53893	53.31578	53.31578	65.35039	65.35039
CHUZACHEN	0.00000	96.99039	96.98223	9.85620	9.84804	0.00000	0.00000
NVVN-BD	0.00000	157.93448	136.71076	363.77660	342.55288	0.00000	0.00000
GMR	0.00000	115.31327	97.98844	51.86122	59.17948	24.64309	24.64309
JITPL	0.00000	246.59236	242.72021	243.68542	239.81329	0.00000	0.00000
TPTCL (Dagachu)	0.00000	250.83522	239.07708	47.56495	43.34110	7.53429	7.53429
JLHEP	0.00000	46.33794	0.00000	85.48328	85.48328	46.33794	46.33794
NVVN-NEPAL	0.00000	3,801.02156	3,766.25531	101.86572	101.86572	34.76625	34.76625
BRBCL	0.00000	250.18031	244.56963	46.63215	46.15635	5.13488	5.13488
PGCIL SASARAM	0.00000	20.60875	20.60875	1.05532	1.05532	0.00000	0.00000
TUL (Teesta-III)	0.00000	927.93879	905.32444	370.91258	370.91258	0.00000	0.00000
Dikchu	0.00000	240.78298	240.78296	116.55890	116.55890	0.00002	0.00002
PGCIL-Alipurduar	0.00000	5.65515	0.73550	1.82916	1.82916	4.91965	4.91965
Tashiding(THEP)	0.00000	0.00000	0.00000	81.41900	81.41900	0.00000	0.00000
RONGNICHU	0.00000	9.05377	9.05377	180.92948	180.92948	0.00000	0.00000
NVVN Bhutan	0.00000	344.85483	342.04881	242.94282	240.13680	0.00000	0.00000
ECR	0.00000	0.22709	0.00000	229.33773	229.11064	0.00000	0.00000
Total	3,848.29402	25,919.96182	18,638.81853	23,315.80496	18,303.28682	2,246.01078	6,094.30480

Receivable: Receivable by ER Payable: Payable by ER POOL
Received: Received by ER P Paid: Paid by ER POOL
'- ve' Payable by ER pool '+ ve' Receivable by ER pool

Annexure -B15.2

STATUS OF REACTIVE CHARGES

AS ON 25.07.23

Figures in ₹ Lakhs

Name of Parties	Receivable Amount by pool	Received Amount by pool	Payable Amount by pool	Paid Amount by pool	Outstanding Amount Receivable(+Ve) / Payable by pool(-Ve)
BSPHCL	76.29	50.97	32.86	7.54	0.00
JUVNL	147.22	128.11	3.54	0.00	15.57
DVC	9.35	6.67	9.41	9.41	2.67
GRIDCO	24.27	19.61	35.30	35.29	4.65
SIKKIM	0.00	0.00	5.45	5.45	0.00
WBSETCL	76.86	39.99	18.41	3.60	22.06

Receivable:

Receivable by ER POOI Payable:

Payable by ER POOL

Received:

Received by ER POOL Paid:

Paid by ER POOL

'- ve' Payable by ER pool

'+ ve' Receivable by ER pool

Deviation Interest Bill due to delay payment

Annexure-B15.3

All figs in ₹

Sl No.	Constituent Name	Interest outstanding till Q4_2020-21	Interest Received by Pool against outstanding	Interest Paid by pool against Outstanding	Net Interest outstanding till Q4_2020-21
1	BSPTCL	91,05,608	91,05,608		0
2	DVC	23,718		23,718	0
3	GRIDCO	-2,79,466		2,79,466	0
4	JUVNL	4,34,61,973	4,34,61,973		0
5	Sikkim	11,76,865	11,76,865		0
6	WBSETCL	21,415	21,415		0
7	NHPC	-54,745		54,745	0
8	NTPC	0			0
9	APNRL	11,33,748	11,33,748		0
10	BRBCL	-1,316		1,316	0
11	JLHEP	1,28,853	1,15,968	12,885	0
12	CHUZACHEN	-3,119		3,119	0
13	GMR	1,73,96,828	1,73,96,828		0
14	IBEUL	26,67,585			26,67,585
15	JITPL	8,589	8,589		0
16	KBUNL	40	40		0
17	MPL	-33,428		33,428	0
18	NPGC-Infirm	0			0
19	NPGC	-10,953		10,953	0
20	NVVN-BD	24,603		24,603	0
21	NVVN-NEPAL	0			0
22	OPGC	24,209			24,209
23	PGCIL-Alipurduar	1,72,257	1,72,258		0
24	PGCIL SASARAM	1,686	1,686		0
25	Tashiding(THEP)	1,57,661	1,57,661		0
26	Dikchu	28,701	28,701		0
27	TPTCL (Dagachu)	0			0
28	TUL (Teesta-III)	-1,134		1,134	0

'- ve' Payable by ER pool

'+ ve' Receivable by ER pool

Note: Ind-bharath interest is calculated till 29.05.2019

RRAS interest details				
Constituents	Amount in ₹ Lacs	Interest Paid in 1st Quarter 2021-22	Balance	Payment Date
NTPC	-4.85430	4.85430	0.00000	16.06.2020
BRBCL	-0.60400	0.60400	0.00000	16.06.2020
KBUNL	-3.22746	3.22746	0.00000	16.06.2020
MPL	-2.22505	2.22505	0.00000	16.06.2020
NPGC	-0.79683	0.79683	0.00000	16.06.2020
Total	-11.70764	11.70764		

Current Status of Letter of Credit (LC) amount against DSM charges for ER constituents*Figures in Lacs of Rupees*

SI No	ER Constituents	No. of weeks in which Deviation Charge payable	No of times payment was delayed during 2022-23	Total Deviation charges payable to pool during 2022-23	Average weekly Deviation Charge liability (C)/52 weeks	LC Amount 110% of (B)	Defaulting Weeks	Due date of expiry	Remarks
		(A)	(B)	(C)	(D)	(E)	(G)	(F)	(G)
1	Bihar State Power Holding Corporation Limited/ बिहार	37	37	19124.44	367.78	404.55551	ALL Weeks	12-11-2023	LC opened for ₹ 213,53,049 /-
2	Jharkhand State Electricity Board / झारखंड	36	36	16432.86	316.02	347.61817	ALL Weeks	14-03-2024	LC opened for ₹ 139,64,455 /-
3	Damodar Valley Corporation / डीवीसी	39	2	12559.02	241.52	265.67154	25, 38	No Valid LC	
4	Power Deptt, Govt. of Sikkim / सिक्किम	28	28	2176.42	41.85	46.03970	ALL Weeks	No Valid LC	
5	APNRL	39	39	1226.93	23.59	25.95437	ALL Weeks	No Valid LC	
6	Gati Chuzachen / चुजाचेन	18	13	116.69	2.24	2.46842	All weeks Except 25, 32, 41, 49, 50	No Valid LC	
7	GMR / जीएमआर	45	37	948.14	18.23	20.05681	All week except 9, 10, 11, 12, 14, 15, 17, 18	No Valid LC	
8	Jindal India Thermal Power Ltd.	33	6	1422.66	27.36	30.09467	2, 3, 38, 50	No Valid LC	
9	TPTCL Dagachu/ डगगचु	45	6	3812.86	73.32	80.65675	36, 38, 39, 40, 44, 45	31-03-2024	LC opened for ₹ 80,65,675 /-
10	JLHEP	35	31	1192.36	22.93	25.22302	All weeks Except 2, 6, 19, 27	No Valid LC	
11	BRBCL /बीआर बीसीएल	42	2	1738.40	33.43	36.77389	29, 46	No Valid LC	
12	PGCIL-Sasaram / सासाराम	30	3	38.17	0.73	0.80735	43, 52	31-03-2024	LC opened for ₹ 80,735 /-
13	Dikchu	18	8	185.40	3.57	3.92202	30, 37, 38, 41, 43, 45, 46, 50	01-08-2023	LC opened for ₹ 174,484 /-
14	PGCIL-Alipurduar / अलीपुरदुआर	15	8	23.14	0.44	0.48940	1, 2, 3, 4, 7, 8	31-12-2023	LC opened for ₹ 86763/-
15	Tashiding	23	17	396.09	7.62	8.37890	All weeks Except 1, 2, 4, 6, 19, 27	No Valid LC	

SI No	Nature of Amount	Amount transferred to PSDF (Rs in Lac)	Date of Disbursement	Remarks
	Opening Balance (upto 31.03.2019)	95896.17		
1	Reactive Energy Charge	105.79202	04.04.19	Reactive Charges_18-19
2	Reactive Energy Charge	287.48448	03.05.19	Reactive Charges_18-19 & 19-20
3	Reactive Energy Charge	129.69559	03.06.19	Reactive Charges_19-20
4	Reactive Energy Charge	207.83840	04.07.19	Reactive Charges_19-20
5	Reactive Energy Charge	94.91703	02.08.19	Reactive Charges_19-20
6	Reactive Energy Charge	188.53681	02.09.19	Reactive Charges_19-20
7	Surplus DSM amount transferred	32210.51998	24.09.19	DSM Charges_19-20
8	Reactive Energy Charge	173.06004	01.10.19	Reactive Charges_19-20
9	Reactive Energy Charge	273.15002	01.11.19	Reactive Charges_19-20
10	Reactive Energy Charge	401.09564	04.12.19	Reactive Charges_19-20
11	Reactive Energy Charge	252.53573	02.01.20	Reactive Charges_19-20
12	Reactive Energy Charge	148.65520	07.02.20	Reactive Charges_19-20
13	Reactive Energy Charge	205.22437	04.03.20	Reactive Charges_19-20
14	Bank interest from Reactive acct	0.21706	03.04.20	Bank interest from Reactive acct
15	Reactive Energy Charge	843.03166	03.06.20	Reactive Charges_19-20 & 20-21
16	Reactive Energy Charge	507.80481	07.07.20	Reactive Charges_17-18,18-19 & 20-21
17	Reactive Energy Charge	309.41068	06.08.20	Reactive Charges_17-18,18-19 & 20-21
18	Reactive Energy Charge	83.23955	02.09.20	Reactive Charges_19-20 & 20-21
19	Bank interest of DSM A/C-TDS portion	251.65235	18.09.20	Bank interest TDS portion transferred from POSOCO,CC
20	Bank interest of DSM A/C-TDS portion	15.64788	22.09.20	Bank interest TDS portion transferred from POSOCO,CC
21	Reactive Energy Charge	118.85979	06.10.20	Reactive Charges_20-21
22	Reactive Energy Charge	101.42971	04.11.20	Reactive Charges_20-21
23	Reactive Energy Charge	82.34791	04.12.20	Reactive Charges_20-21
24	Reactive Energy Charge	500.95333	06.01.21	Reactive Charges of_19-20 & 20-21
25	Reactive Energy Charge	92.51486	03.02.21	Reactive Charges of_19-20 & 20-21
26	Reactive Energy Charge	50.22963	04.03.21	Reactive Charges of_19-20 & 20-21
27	Reactive Energy Charge	32.15331	07.04.21	Reactive Charges of_19-20 & 20-21
28	Reactive Energy Charge	39.59760	05.05.21	Reactive Charges of_19-20 & 20-21
29	Reactive Energy Charge	18.96069	01.06.21	Reactive Charges of_20-21 & 21-22
30	Reactive Energy Charge	392.24613	12.07.21	Reactive Charges of_20-21 & 21-22
31	Reactive Energy Charge	214.22298	22.07.21	Reactive Charges 21-22
32	Addl. Dev	392.94201	25.08.21	DSM Charges of 19-20 received from Jharkhand
33	Addl. Dev	5.99326	03.09.21	DSM Charges of 19-20 received from Jharkhand
34	Reactive Energy Charge	330.73064	09.09.21	Reactive Charges 21-22
35	Addl. Dev	1334.97939	23.09.21	DSM Charges of 20-21 received from Bihar
36	Addl. Dev	500.00000	27.09.21	DSM Charges of 20-21 received from Bihar
37	Addl. Dev	1500.00000	29.09.21	DSM Charges of 20-21 received from Bihar
38	Addl. Dev	500.00000	01.10.21	DSM Charges of 20-21 received from Bihar
39	Addl. Dev	1000.00000	05.10.21	DSM Charges of 20-21 received from Bihar
40	Addl. Dev	402.60050	05.10.21	DSM Charges of 20-21 received from Jharkhand
41	Reactive Energy Charge	131.05971	07.10.21	Reactive Charges 21-22
42	Addl. Dev	1000.00000	22.10.21	DSM Charges of 20-21 received from Bihar
43	Addl. Dev	1000.00000	26.10.21	DSM Charges of 20-21 received from Bihar
44	Addl. Dev	539.21266	28.10.21	DSM Charges of 20-21 received from Bihar
45	Reactive Energy Charge	224.70676	03.11.21	Reactive Charges 21-22
46	Reactive Energy Charge	366.25533	03.12.21	Reactive Charges 21-22
47	Reactive Energy Charge	5.33816	09.12.21	Interest Amount received in Reactive Account
48	Addl. Dev	489.56759	04.01.22	DSM Charges of 20-21 received from Jharkhand
49	Reactive Energy Charge	449.70232	04.01.22	Reactive Charges 21-22
50	Reactive Energy Charge	547.40910	04.02.22	Reactive Charges 21-22
51	Addl. Dev	7182.00679	08.02.22	Excess amount after clearing Wk-43
52	Addl. Dev	103.38490	28.02.22	DSM Charges of 20-21 received from Jharkhand and POSOCO CC (REC)
53	Reactive Energy Charge	22.28702	04.03.22	Reactive Charges 21-22
54	Reactive Energy Charge	978.22379	08.03.22	Reactive Charges 21-22
55	Reactive Energy Charge	502.63132	04.04.22	Reactive Charges 21-22
56	Addl. Dev	13586.90110	02.05.22	Addl Dev Charge 21-22
57	Reactive Energy Charge	91.67842	02.05.22	Reactive Charges 21-22
58	Addl. Dev	323.72543	17.05.22	DSM Charges of 21-22 received from Jharkhand
59	Addl. Dev	223.19034	31.05.22	DSM Charges of 21-22 received from Jharkhand
60	Addl. Dev	17070.55890	02.06.22	DSM charges
61	Reactive Energy Charge	104.77973	02.06.22	Reactive Charges 21-22
62	Addl. Dev	700.00000	10.06.22	DSM Charges of 21-22 received from Jharkhand and DVC (Bhutan)
63	Addl. Dev	230.65522	24.06.22	DSM Charges of 21-22 received from Jharkhand and DVC (Bhutan)
64	Addl. Dev	200.00000	28.06.22	DSM Charges of 21-22 received from Jharkhand
65	Addl. Dev	200.00000	01.07.22	DSM Charges of 21-22 received from Jharkhand
66	Reactive Energy Charge	491.14301	08.07.22	Reactive Charges 21-22 received from Bihar
67	Addl. Dev	200.00000	14.07.22	DSM Charges of 21-22 received from Jharkhand
68	Addl. Dev	900.00000	20.07.22	DSM Charges of 21-22 received from Sikkim and Bihar
69	Addl. Dev	300.00000	25.07.22	DSM Charges of 21-22 received from Jharkhand
70	Addl. Dev	200.00000	26.07.22	DSM Charges of 21-22 received from Jharkhand
71	Addl. Dev	400.00000	28.07.22	DSM Charges of 21-22 received from Jharkhand
72	Addl. Dev	553.96908	08.08.22	DSM Charges of 21-22 received from Bihar
73	Reactive Energy Charge	56.45017	08.08.22	Reactive Charges 22-23
74	Reactive Energy Charge	586.61896	07.09.22	Reactive Charges 22-23
75	Reactive Energy Charge	152.77578	07.10.22	Reactive Charges 22-23
76	Addl. Dev	15507.63580	07.11.22	DSM Charges 22-23
77	Reactive Energy Charge	94.63234	07.11.22	Reactive Charges 22-23
78	Reactive Energy Charge	89.18883	02.12.22	Reactive Charges 22-23
79	Reactive Energy Charge	162.52773	05.01.23	Reactive Charges 22-23
80	Reactive Energy Charge	3.93158	07.02.23	Reactive Charges 22-23
81	Reactive Energy Charge	292.70498	06.03.23	Reactive Charges 22-23
82	Reactive Energy Charge	321.80291	30.03.23	Reactive Charges 22-23
83	Addl. Dev	10079.39783	06.04.23	DSM Charges 22-23
84	Reactive Energy Charge	716.65397	04.05.23	Reactive Charges 23-24
85	Reactive Energy Charge	508.35350	07.06.23	Reactive Charges 23-24
86	Reactive Energy Charge	83.11163	05.07.23	Reactive Charges 23-24
	Total	218170.61053		

DSM account Reconciliation Status of ER constituents

Annexure-B15.6

	2019-20				2020-21				2021-22				2022-23			
Name of The Utility	Q1 (17.07.19)	Q2 (21.10.19)	Q3 (13.01.20)	Q4 (15.04.20)	Q1 (15.07.20)	Q2 (23.10.20)	Q3 (20.01.21)	Q4 (28.04.21)	Q1 (06.07.21)	Q2 (07.10.21)	Q3 (11.01.22)	Q4 (18.04.22)	Q1 (15.07.22)	Q2 (21.10.22)	Q3 (19.01.23)	Q4 (28.04.23)
BSPHCL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
JUVNL	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
DVC	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO
GRIDCO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
WBSETCL	YES	YES	YES	YES	YES	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO
SIKKIM	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NTPC	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NHPC	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	NO
MPL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES
APNRL	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CHUZACHEN(GATI)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NVVN(Ind-Bng)	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO
NVVN(Ind-Nep)	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO
GMR	YES	YES	YES	YES	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
JITPL	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	YES	NO
INBEUL	NO	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA	NA	NA
TPTCL (DAGACHU)	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	NO	NO	NO	YES
JLHEP(DANS ENERGY)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES
BRBCL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
POWERGRID (ER-I)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
POWERGRID (ER-II)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
TUL (TEESTA-III)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO
DIKCHU	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO
SHIGA (TASHIDING)	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES
OPCC	NO	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA	NA	NA
Rongnichu	NA				NA				NA				NO	NO	NO	YES
NVVN Bhutan					NA								NA	NA	NA	NO

(1)The dates in the bracket indicates the date of sending the Reconciliation statements by ERLDC to utilities.

(2) YES Indicates that signed reconciliation statement received by ERLDC

(3) NO Indicates that signed reconciliation statement is not received by ERLDC

Reactive Account Reconciliation Status

Annexure-B15.7

	2019-20				2020-21				2021-22				2022-23			
Reactive account Reconciliation Status of ER constituents																
Name of The Utility	Q1 (17.07.19)	Q2 (21.10.19)	Q3 (13.01.20)	Q4 (15.04.20)	Q1 (15.07.20)	Q2 (23.10.20)	Q3 (20.01.21)	Q4 (28.04.21)	Q1 (06.07.21)	Q2 (07.10.21)	Q3 (11.01.22)	Q4 (18.04.22)	Q1 (15.07.22)	Q2 (21.10.22)	Q3 (19.01.23)	Q4 (28.04.23)
BSPHCL	YES	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
JUVNL	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
DVC	YES	N/A	N/A	N/A	YES	NO	NO	YES	YES	YES	YES	YES	NO	NO	NO	NO
GRIDCO	YES	YES	YES	YES	YES	YES	YES	YES	Yes	YES	YES	YES	YES	YES	NO	YES
WBSETCL	YES	YES	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO
SIKKIM	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

RRAS Account Reconciliation Status

	2019-20				2020-21				2021-22				2022-23			
RRAS account Reconciliation Status																
Name of The Utility	Q1 (17.07.19)	Q2 (21.10.19)	Q3 (13.01.20)	Q4 (15.04.20)	Q1 (15.07.20)	Q2 (23.10.20)	Q3 (20.01.21)	Q4 (28.04.21)	Q1 (06.07.21)	Q2 (07.10.21)	Q3 (11.01.22)	Q4 (18.04.22)	Q1 (15.07.22)	Q2 (21.10.22)	Q3 (19.01.23)	Q4 (28.04.23)
NTPC	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
BRBCL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
KBUNL	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES

AGC Account Reconciliation Status

	2019-20				2020-21				2021-22				2022-23		
Name of The Utility	Q1 (17.07.19)	Q2 (21.10.19)	Q3 (13.01.20)	Q4 (15.04.20)	Q1 (15.07.20)	Q2 (23.10.20)	Q3 (20.01.21)	Q4 (28.04.21)	Q1 (06.07.21)	Q2 (07.10.21)	Q3 (11.01.22)	Q4 (18.04.22)	Q1 (15.07.22)	Q2 (21.10.22)	Q3 (19.01.23)
NTPC	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
MPL	NA				NA				NA	YES	YES	YES	YES	YES	YES
NHPC									NA	NO		NO	YES	YES	YES

SRAS Account Reconciliation Status

2022-23		
Name of The Utility	Q3 (19.01.23)	Q4 (28.04.23)
NTPC	YES	YES
MPL	YES	YES
NHPC	YES	NO

Reconciliation Between Open Access department of ERLDC and SLDCs, STUs and CTU

Sl. No.	STUs / SLDCs Name	Quarter-I (2022-23)	Quarter-II (2022-23)	Quarter-III (2022-23)	Quarter-IV (2022-23)
	Date of Issuance	28-07-2022	26-10-2022	30-01-2023	18-04-2023
1	West Bengal - SLDC and STU	NO	NO	NO	NO
2	DVC - SLDC	NO	NO	YES	YES
3	OPTCL-SLDC and STU	YES	YES	YES	YES
4	Jharkhand STU and SLDC	NO	NO	NO	NO
5	Bihar-SLDC and STU	YES	NO	NO	NO
6	Andhra Pradesh	NO	NO	NO	NO
7	CHHATTISGARH	NO	NO	NO	NA
8	Delhi	NO	NO	NO	NA
9	HIMACHAL PRADESH	NO	NO	NO	NO
10	JAMMU & KASHMIR	NO	NA	NA	NA
11	KARNATAKA	NO	NO	NO	NO
12	MADHYA PRADESH	NO	NO	NO	NO
13	MAHARASTRA	NO	NO	NO	NO
14	RAJASTHAN	NO	NO	NO	NO
15	Gujarat	NA	NO	NO	NA
16	Uttar Pradesh	NA	NO	NO	NO
17	Telangana	NA	NA	NO	NO
18	CTU	NO	NO	NO	NO

Reconciliation Between Open Access department of ERLDC and Applicants					
Sl. No.	Applicants Name	Quarter-I (2022-23)	Quarter-II (2022-23)	Quarter-III (2022-23)	Quarter-IV (2022-23)
	Date of Issuance	28-07-2022	26-10-2022	30-01-2023	18-04-2023
1	Bihar State Power Holding Company Limited	NA	NA	NA	NA
2	Calcutta Electric Supply Company	NA	NA	NA	NA
3	GRIDCO Ltd	YES	YES	NA	NA
4	Jindal India Thermal Power Limited	NO	NO	NO	NO
5	Jharkhand Bijli Vitaran Nigam Limited	NO	NO	NO	NO
6	NHPC Limited	NA	NA	NA	NA
7	West Bengal State Electricity Distribution Company Limited	NO	NO	NA	NA
8	ADANI HYBRID ENERGY JAISALMER THREE LIMITED AHS	YES	YES	NA	NA
9	ADANI HYBRID ENERGY JAISALMER THREE LIMITED AHW	YES	YES	NA	NA
10	Arunachal Pradesh Power Corporation Private Limited	NO	NO	NO	NO
11	Clean Solar Power (Jodhpur) Private Limited	YES	YES	YES	NA
12	DALMIA CEMENT (BHARAT) LIMITED (RCW)	NA	NA	NA	NO
13	HINDUSTAN POWER EXCHANGE LIMITED	NA	YES	YES	YES
14	INDIAN ENERGY EXCHANGE LIMITED	NO	NO	NO	YES
15	India Power Corporation Limited	NO	NO	NO	NO
16	ITC Limited Dairy Plant	NO	NO	NA	NA
17	ITC Limited ITD Munger	YES	YES	NA	NA
18	ITC LTD Kidderpore	NO	NO	NO	NA
19	I T C LIMITED, Sonar and Royal Bengal	NA	NO	NA	NA
20	KREATE ENERGY(I) PRIVATE LIMITED	NO	NO	NO	NO
21	NATIONAL ALUMINIUM COMPANY LIMITED AP	NA	NA	NA	NO
22	NATIONAL ALUMINIUM COMPANY LIMITED-OD	NA	NA	NA	NO
23	NTPC VIDYUT VYAPAR NIGAM LIMITED	YES	NA	NA	NA
24	POWER EXCHANGE INDIA LIMITED	NO	YES	YES	YES
25	PTC INDIA LIMITED	YES	YES	NO	NA
26	TATA POWER TRADING COMPANY LIMITED	NO	NO	NO	NO
27	TATA STEEL LIMITED @132kV	NO	NA	NA	NA
28	Saranyu Power Trading Private Limited	NA	NO	NA	NO
29	OSTRO KANNADA POWER PRIVATE LIMITED	NA	NO	NA	NA

ERLDC Fees & Charges

Annexure-B15.9

Sl No	Entity Name	2021-22				2022-23			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Adhunik PNRL	Yes	Yes				Yes		Yes
2	Alipurduar HVDC								
3	Alipurduar Transmission Limited								
4	BARH STG-I	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	BARH-II	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6	Bharatiya Rail Bijlee Company Ltd.	Yes				Yes	Yes		
7	Bihar State Power Transmission Company Ltd.								
8	Darbhanga-Motihari Transmission Company Ltd.	Yes	Yes						
9	Darlipali Super Thermal Power Project	Yes	Yes						
10	DVC								
11	DVC Seller								
12	ENICL								
13	FSTPP-I - II	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
14	FSTPP-III	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
15	GATI INFRASTRUCTURE PVT. LTD					Yes	Yes		
16	GMR Kamalanga Energy Ltd.								
17	GRIDCO	Yes	Yes	Yes	Yes				
18	HVDC SASARAM								
19	Jharkhand Bijli Vitran Nigam Limited								
20	JINDAL INDIA THERMAL POWER LTD.								
21	Jorethang Loop HEP								
22	Kanti Bijlee Utpadan Nigam limited	Yes	Yes	Yes	Yes			Yes	Yes
23	KHSTPP-I	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
24	KHSTPP-II	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
25	Maithon Power Limited	Yes	Yes		Yes				
26	Nabinagar Power Generation Corporation Ltd.					Yes		Yes	Yes
27	NORTH KARANPURA TRANSCO LIMITED								
28	NVVN						Yes		
29	Odisha Generation Phase-II Transmission Limited								
30	PMJTL								
31	PMTL								
32	POWERGRID ISTS								
33	POWERLINK ISTS								
34	Purulia & Kharagpur Transmission Comp. Ltd.								
35	RANGEET HEP								
36	Rognichu HEP					Yes			
37	Shiga Energy Private Ltd								
38	SIKKIM								
39	Sneha Kinetic Power Project Private Ltd								
40	TALCHER SOLAR PV POWER STATION,NTPC LIMITED	Yes	Yes						
41	Tata Power Trading Company Limited		Yes	Yes		Yes			
42	TEESTA HEP								
43	Teesta Urja Ltd.(Teesta -III HEP)	Yes							
44	Teestavalley Power Transmission Ltd.								
45	TSTPP-I	Yes	Yes						
46	WBSDEL				Yes		Yes		