

## **EASTERN REGIONAL POWER COMMITTEE**

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### **AGENDA FOR 48<sup>th</sup> COMMERCIAL SUB-COMMITTEE MEETING OF ERPC TO BE HELD ON 14.03.2023 (TUESDAY) AT 11:00 HRS THROUGH PHYSICAL MODE AT ERPC SECRETARIAT, KOLKATA.**

#### **ITEM NO. A1: Confirmation of the minutes of the 47<sup>th</sup> Commercial Sub-Committee meeting held on 11.11.2022.**

The minutes of the 47<sup>th</sup> Commercial Sub-Committee meeting were uploaded on ERPC website.

**Members may confirm the minutes of the 47<sup>th</sup> Commercial Sub-Committee Meeting.**

### **PART B: ITEMS FOR DISCUSSION**

<b>ITEM NO. B.1: Disbursement of encashed CBG Amount to DICs pending settlement of legal disputes on relinquishment charges.</b>
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In line with CERC Order dated 8.3.2019 passed in Petition No.92/MP/2015, CTU calculated relinquishment charges for LTAs relinquished by various generators and uploaded the same on its website from time to time. However, the relinquishment charges computed and notified by CTU in line with above CERC Order 08.03.2019 in Petition No. 92/MP/2015 was disputed by more than 20 relinquishing IPPs, who had filed appeals in APTEL which are pending adjudication. In view of pending disputes and GST issues concerning the raising of invoices, CTU issued demand letters to concerned relinquishing LTA customers pending disposal of appeals in APTEL.

During the proceedings in the matter, APTEL vide its order dated 08.10.2020 in Appeal no 251 of 2019, had restrained CTU from raising invoices with respect to the relinquishment charges during pendency of similar Appeals except where insolvency proceedings are faced by the generators. All the appeals on relinquishment charges are yet to be decided as on date and matter is being pursued by CTU. Further, where the IPPs are undergoing insolvency proceedings, CTU had filed claims before RPs/Liquidators for recovery of relinquishment charges.

Meanwhile, CTU encashed the CBGs of some of the IPPs who have abandoned their projects or undergoing insolvency proceedings and the encashed BG amount of approx. Rs 400 Crores was kept in FDs since the legal proceedings on relinquishment charges are still to be concluded and the BG amount may have to be refunded to IPPs along with interest in case of judgements in their favour in future.

The status of relinquishment charges and treatment of encashed BG amount has been reviewed in recent 42nd SRPC meeting held in Jun'22 and it was desired by the state utilities of SRPC that the BG amount be disbursed to all the DICs pending settlement of disputes on relinquishment charges. CTU informed that it is common money of all the five regions and cannot be given state-wise or region-wise and hence it needs to be taken up with all the RPCs

for their consent. CTU further informed that, in case the BG amount is disbursed to the DICs in the pool and the disputes are settled in favour of the relinquishing IPPs later, the amount so disbursed in the pool shall be collected from respective DICs along with interest to refund to the IPPs. Copy of relevant extract of MOM of 42nd SRPC meeting is enclosed at **Annexure-B1**.

In the 47th TCC meeting, representative of CTU explained the issue briefly and requested for the consent of members of ER utilities for disbursement of encashed BG amount of approx. Rs 400Cr to the DICs with a condition that in case the APTEL judgement goes in favour of relinquishing IPPs, the amount so disbursed shall be collected from the DICs along with applicable interest.

Director (R & T), WBSEDCL raised concern about the difference in interest accrued on the FDs in which the encashed BG amount is kept and the applicable interest rate that may have to be paid to the relinquishing IPPs in case APTEL judgement goes in their favour.

After detailed deliberation, TCC observed that the issue needs to be first discussed threadbare in the lower forum of ERPC and referred to CCM.

**CTU may update. Members may discuss.**

**ITEM NO. B.2: Replacement of B-type L&T meters in Eastern Region.**

It was decided in 47th TCC & ERPC meeting that the time drifted L&T meters need to be replaced. The L&T make meters are of basically two types. i.e., A-type (1 amp) & B-type (5 amp) (Based on CT secondary current rating). In Eastern region, a total of 14 B-Type L&T meters need to be replaced. The existing spare meter in Eastern -region are of A - type (1 amp) meters.

The same agenda was discussed in 200th OCC & it was discussed to replace the meter on the urgent basis exploring the stock in other regions if available.

The list of B-Type meters in Eastern Region is mentioned below –

Sl. No.	Feeder Name	Meter Number
1	415 V SIDE OF 11/0.415 PUSAULI(PG) 63 KVA (ST LIGHT) T/F -1	NP-6016-B
2	132 KV SONENAGAR (BSPHCL)- JAPLA (JSEB)	NP-6015-B
3	132 KV KARMANASHA(BSPHCL) - CHANDAULI (UPSEB)	NP-6017-B
4	132 KV KARMANASHA(BSPHCL) - SAHUPURI(UPSEB)	NP-6018-B
5	132 KV SONENAGAR(BSPHCL) - NAGARUNTARI(JSEB)	NP-6013-B
6	132 KV PATRATU (JSEB) - PATRATU (DVC) -2	NP-6005-B
7	132 KV PATRATU (JSEB) - PATRATU (DVC) -1	NP-8610-B
8	132 KV PATRATU (JSEB)-RAMGARH (DVC)-TR.BUS	NP-6003-B
9	132 KV DEOGARH (JSEB) - SULTANGANJ (BSPHCL)[OLD BAY]	NP-6048-B
10	132 KV BARHI (DVC) - RAJGIR/BIHARSHARIFF (BSPHCL)	NP-6007-B
11	132 KV PATRATU (DVC)-PATRATU(JSEB)-1&2(SUM)	NP-6006-B
12	132 KV MANIQUE (DVC) - CHANDIL (JSEB)	NP-6011-B
13	132 KV MAITHON (DVC) - JAMTARA (JSEB)	NP-8092-B
14	132 KV KOLAGHAT(DVC) - KOLAGHAT (WBSETCL)	NP-6558-B

**Members may discuss.**

<b>ITEM NO. B.3: Installation of Transmission Line Arrestors in 220 KV lines in North Bengal.</b>
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220kV D/C Siliguri-Kishanganj TL (erst 220kV D/C Siliguri-Dalkhola TL), 220kV D/C Birpara-Chukha TL, 220kV D/C Birpara-Alipurduar TL (erst 220kV D/C Birpara-Salakati TL) and 220kV S/C Birpara-Malbase TL were commissioned in the year 1986 under Chukha Transmission System.

All the above-mentioned lines are located in the Himalayan Foothills and encounter severe lightning incidents during the monsoon period starting from April-Oct. As stated by NASA, The Himalayan Foreland is declared as Principal Lightening Hotspot zone.

Due to lightening frequent decapping/failure of installed Porcelain insulators were occurring in above mentioned lines. Subsequently in order to prevent repeated de-capping, in the year 2018 the earlier installed Porcelain insulators were replaced with Polymer Insulators. After replacement of Porcelain insulators there was a considerable reduction in Auto-reclosures and tripping incidents but still the tripping/AR rate is quite high. This season several instances of tripping/Auto-reclosures have occurred in those lines. This repeated Autoreclosures/tripping is not only creating disturbance for the Grid but also putting stress on connected terminal equipment.

The tentative cost estimate for installation of 830 Nos. of Transmission Line Arrestors in 246 Nos. of Towers of said lines shall be around 6.5 Crores incl GST.

Considering the increase in lightning phenomenon over North-Bengal area, it seems that existing Tower Earthing system seems not sufficient and as such as a system improvement measure it is requested to kindly consider the TL LA installation as per above at an estimated cost in the ongoing ADDCAP 2019-2024 tariff block of Chukha Transmission System. On approval same shall be produced before truing up petition.

In the 199<sup>th</sup> OCC meeting, OCC advised Powergrid to furnish all the details relevant to installation of transmission line arrestors to mitigate the tripping issues related to excessive lightning phenomenon so that a concrete decision may be taken in the upcoming OCC meeting.

Powergrid representative submitted a report highlighting the relevance of installation of Lightning Arrestors in minimizing tripping due to severe lightning and requested for approval for installation of TLA in 220 KV lines in North Bengal.

Moreover, in these locations no scope of improvement in TFR value was possible through additional earthing or chemical earthing except for installation of TLA.

ERLDC representative advised Powergrid to submit the detailed list of considerations while identifying the locations for installation of TLA.

OCC agreed to the proposal and advised Powergrid to submit the detailed list of locations to ERPC and ERLDC. Further, OCC referred the above issue to the upcoming CCM meeting of ERPC.

**Powergrid may update. Members may discuss.**

**ITEM NO. B.4: Scheduling of Chuzachen HEP.**

In the 38th TCC & ERPC meeting, it was advised Chuzachen HEP and Tashiding HEP (THEP) to file a petition with CERC for obtaining NOC for scheduling of generation by ERLDC. Subsequently, Chuzachen HEP had file a petition (petition no 175/MP/2021) to the Hon'ble Commission. In the Commission's order dated 07.03.2023 on the said petition, ERLDC was directed to schedule power from Chuzachen HEP till the time SAMAST framework is set up at SLDC Sikkim.

Commission has also directed Sikkim to take up the modalities of changeover of scheduling from ERLDC to SLDC Sikkim at ERPC forum, once SLDC, Sikkim is in a position to take up the scheduling activity.

ERLDC had prepared the draft SAMAST DPR and handed over the Detailed Project Report (DPR) to Power Secretary, Sikkim and other dignitaries of Sikkim Energy and Power Department on 13th June 2022.

**As per Hon'ble Commissions order as mentioned above, Sikkim may update the status of SAMAST implementation.**

**ITEM NO. B.5: Agenda by JITPL.**

Jindal India Thermal Power Limited (JITPL) has 2x600 MW thermal power plant located in the village of Derang, District Angul, State Odisha.

JITPL has a Long-Term PSA with SBPDCL & NBPDC and KSEBL for supply of power to Bihar and Kerala State respectively, Medium - Term APP with GUVNL for supply of power to Gujarat State and Pilot - II scheme APP with KSEBL for supply of power to Kerala State.

MOP vide its notification dated 01.06.2022 and 09.01.2023 directed GENCOs/IPP's to purchase imported coal for blending purposes. JITPL has purchased and started blending of imported coal and raised the Energy Bills in the month of Feb'23 including the charges incurred for blending the imported coal. But GUVNL, KSEBL had denied to reimburse the extra charges incurred for blending the imported coal and BSPHCL has not given any reply on the aforementioned subject.

**JITPL may update. Members may discuss.**

**ITEM NO. B.6: Agenda by NTPC.****1. AGC Data freeze issue of Barh stage I from 07-12-2022 to 05-01-2023:**

Set point as calculated by NLDC for AGC was freezed from 07-12-2022 to 05-01-2023 (one month period), due to which abnormal AGC signals were received at Barh end to the tune of 330 MW, which resulted in loss in DSM and SRAS performance for Barh stage I. The matter has been communicated to NLDC, however no revision till date has been received for the period.

## **2. Quick resolution of AGC related issues:**

AGC ready signal was showing off at NLDC end for Barh stage I on 14.02.2023, however same was on at Barh end. The resolution of same took more than 24 hours.

## **3. Timely uploading of data by ERLDC and NLDC:**

Data for DSM SRAS RRAS calculation is separately sent by ERLDC and NLDC to ERPC. Utilities take the data from website of ERLDC and NLDC. Therefore, the accounts issued by ERPC are not being able to be cross checked from NTPC end as the data is not available in public forum. Hence either 7 days period may be given as relaxation in such cases or data availability may be ensured before issuing of accounts.

**Members may discuss.**

<b>ITEM NO. B.7: Reactive VAR charges for Transnational entity - ERLDC.</b>
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As per the Central Electricity Regulatory Commission (Cross Border Trade of Electricity) Regulations, 2019, Clause 4 (3) states that:

Quote

**“Settlement Nodal Agency shall be responsible for settling all charges pertaining to grid operations including operating charges, charges for deviation and other charges related to transactions with a particular neighboring country in the course of cross border trade of electricity. The Settlement Nodal Agency shall be a member of the deviation pool, reactive energy pool and other regulatory pools for payment and settlement of the corresponding charges in the pool accounts of the region having connectivity with any neighboring country”**

Unquote.

& Clause 26(4) states that –

Quote

**“Reactive Energy Charges shall be paid by the Settlement Nodal Agency in accordance with Grid Code, and the said charges shall be collected from the selling entity or buying entity of the neighboring countries, as the case may be “**

unquote.

**Member may discuss regarding accounting of Reactive charges for the neighboring countries.**

**ITEM NO. B.8: Payment of Deviation Charge – Present Status - ERLDC.**

**A. Default details of Deviation Pool Account/ Reactive Pool, etc.**

The details of major defaulters as on 06.03.2023 considering the bill up to 12.02.2023 for DSM charges and up to 05.02.2023 for Reactive charges are tabulated below:

**Bihar:**

	<b>BSPTCL</b>
<b>DSM (in Cr)</b>	₹ 40.65 Cr /-
<b>Reactive (in Cr)</b>	₹ 6.87 Cr /-
<b>LC</b>	LC opened for ₹ 213.53049 /- Lakhs (Partial)
<b>Due date of expiry of LC</b>	12-11-2023
<b>Reconciliation</b>	DSM: Pending for Q3 of FY 2022-23 Reactive: Pending for Q3 of FY 2022-23 FnC: Pending from Q1 of Fy 2021-22

**Jharkhand:**

	<b>JUVNL</b>
<b>DSM (in Cr)</b>	₹ 73.71 Cr /-
<b>Reactive (in Cr)</b>	₹ 7.22 Cr /-
<b>LC</b>	No Valid LC
<b>Due date of expiry of LC</b>	NA
<b>Reconciliation</b>	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:**

	<b>Sikkim</b>
<b>DSM (in Cr)</b>	₹ 10.29 Cr /-
<b>Reactive (in Cr)</b>	-
<b>LC</b>	No Valid LC
<b>Due date of expiry of LC</b>	NA
<b>Reconciliation</b>	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-B8.1** and **Annexure-B8.2**.

**BSPHCL, JUVNL, & 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 GMR and OPGC are ₹ **173.96 lakh** and ₹ **0.24 lakhs** respectively.

The status of interest is enclosed in **Annexure-B8.3**.

**GMR and 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 in 2021-22 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	451.01566	12-11-2023	LC opened for 213.53049 /- Lakhs
2	JUVNL	159.48276	No Valid LC	
3	Sikkim	57.64962	No Valid LC	
4	APNRL	6.82984	No Valid LC	
5	CHUZACHEN	0.71196	No Valid LC	
6	GMR	0.89615	No Valid LC	
7	JITPL	25.43147	No Valid LC	
8	JLHEP	21.56162	No Valid LC	
9	PGCIL-Alipurduar	0.86763	No Valid LC	
10	Tashiding HEP	16.7024	No Valid LC	
11	RONGNICHU HEP	2.34742	No Valid LC	

Further, the details of other pool members are enclosed as **Annexure-8.4**.

**D. Status of PSDF.**

An amount of total ₹ **5.48 Cr** from Reactive account has been transferred to PSDF after 47<sup>th</sup> **Commercial** sub-committee meeting held on 11.11.2022. With this the total amount of ₹ **2064.61 Cr** has been transferred to PSDF so far. The breakup details of fund transferred to PSDF (till 06.03.23) is enclosed in **Annexure B8.5**.

**This is for information to the members.**

## **E. Reconciliation of Pool Accounts.**

At the end of 3<sup>rd</sup> quarter of 2022-23, the reconciliation statements (Period: 01.10.22 to 31.12.22) of DSM, Reactive, RRAS, AGC and SRAS charges has been issued by ERLDC on 19.01.23 and statements had been sent to the respective constituents and also uploaded the same at ERLDC website at <https://erldc.in/market-operation/dsmreconciliation/> 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- B8.6 and Annexure- B8.7.**

**Constituents are requested to update the status of reconciliation.**

## **F. Short term Open Access.**

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

The reconciliation statements of STOA payments of Q-3 for FY 22-23 have been sent to the DVC, OPTCL, BSPTCL, Jharkhand, Andhra Pradesh, Chhattisgarh, Delhi, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Gujarat, Uttar Pradesh, Telangana, WBSETCL and CTU on dated 30.01.2023 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- B8.8.**

**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 Q3 for FY 22-23 have been sent to the JBVNL, JITPL, APPCPL, CSPJPL, HPX, IEXL, IPCL, ITC Kidderpore, KEIPL, PXIL, PTC and TPTCL on dated 30.01.2023 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-B8.8.**

**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 Q3 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- B8.9.**

**Constituents are requested to update the status of reconciliation.**



**ITEM NO. B.9: Agenda by 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 Limited (NBPDC)	79.99	9.73
(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)	91.88	41.36
(ii)	South Bihar Power Distribution Company Limited (SBPDCL)	284.3	97.4
(iii)	North Bihar Power Distribution Company Limited (NBPDC)	241.63	82.41
(iv)	West Bengal State Electricity Transmission Company Ltd. (WBSETCL)	18.58	18.46
(v)	West Bengal State Electricity Distribution Company Ltd. (WBSEDCL)	180.97	4.11

(vi)	Odisha Power Generation Company Limited (OPGCL)	9.76	9.76
(vi)	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	32.21	30.23
	<b>Total</b>	<b>859.33</b>	<b>283.73</b>

**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)	4.11 Cr.	However, The outstanding dues of Rs. 1.20 Cr. pending for long period & Rs. 2.91 Cr. (bill dtd. 09.12.2023) against RTDA bills is still pending with WBSEDCL despite of several follow up regarding this.

**D. List of Assets during October'22 to February'23 of Eastern Region (ER)**

A	ERSS-V	DOCO	Remarks	Region
1	02 nos 220kV line bays at Rajarhat GIS in reference to CERC order in 255/TT/2021 dated 08.02.2023.	16-06-2019	DOCO Letter Dtd. 22.02.2023	ER-II
B	ERSS-XXIV	DOCO	Remarks	Region
1	Shifting of 400kv side of 400/220 kv,315MVA ICT from Durgapur Bus Section - A to Durgapur Section -B without physically shifting the transformer such that all three ICTs are on same 400 kV bus section (Durgapur-B).	20-11-2022	DOCO Letter Dtd. 22.11.2022	ER-II

## **PART C: ITEMS FOR INFORMATION**

### **ITEM NO. C.1: Launch of High Price DAM and Surplus Power Portal (PUSHP).**

The Central Government has launched a High Price Day Ahead Market and Surplus Power Portal (PUSHP) – an initiative to ensure greater availability of power during the peak demand season. Union Power & NRE Minister Shri R.K. Singh launched the portal at a virtual function in New Delhi on 9<sup>th</sup> March 2023 in the presence of over 200 stakeholders from state governments and the power sector.

#### **A. High Price Day Ahead Market (HPDAM)**

Because of the high prices of gas in the international market; the electricity made by using gas was expensive – more than Rs.12 per unit – and this capacity could not be sold on the market. Similarly, the imported coal-based plants and the Renewable Energy stored in battery-energy storage systems could not be brought into operation, as their generation cost was high.

This year it is expected that the demand will be much higher than last year therefore, the gas-based plants and the imported coal-based plants will be needed to be scheduled – and that is why a separate segment called HP DAM has been carved out for those generation systems where the cost of generating power – from gas / imported coal / RE plus storage – may cross Rs.12.


Through HP—DAM it would be ensured that all available power capacity is utilized for supplying the power to consumers.

#### **B. Surplus Power Portal (PUSHP)**

The surplus power portal is a one-of-its-kind initiative, reflecting the ingenuity of the Ministry of Power and the Regulator. Distribution Companies have tied up long term PPAs for power supply. They have to pay fixed charges even when they do not schedule the power. Now the DISCOMs will be able to indicate their surplus power in times blocks / days / months on portal. Those DISCOMs who need power will be able to requisition the surplus power. The new buyer will pay both variable charge (VC) and fixed cost (FC) as determined by Regulators. Once power is reassigned, the original beneficiary shall have no right to recall as entire FC liability is also shifted to the new beneficiary. Financial liability of new buyer shall be limited to quantum of temporary allocated / transferred power. This will reduce the fixed cost burden on the DISCOMs, and will also enable all the available generation capacity to be utilized.

In addition to this URJA Portal of NTPC which is currently under implementation in the Eastern Region for the beneficiaries will also continue to operate in conjunction with the PUSHP portal.

**This is for information of the members. Further, members may share the experience gained from URJA portal.**

भारत सरकार केंद्रीय विद्युत प्राधिकरण दक्षिण क्षेत्रीय विद्युत समिति 29, रेसकोर्स क्रॉस रोड बेंगलूर- 560 009	 सत्यमेव जयते	Government of India Central Electricity Authority Southern Regional Power Committee 29, Race Course Cross Road Bengaluru-560 009
Email:mssrpc-ka@nic.in		Phone: 080-22287205
सं/No. SRPC/42(SRPC)/2022/ 1668-1716	दिनांक/ Date	30 <sup>th</sup> June 2022

सेवा में / To:

(वितरण सूची के अनुसार / As per the distribution list)

विषय : एस आर पी सी की 42 वी / टी सी सी की 40 वी बैठकों के संबंध में ।

Subject: Minutes of the 42<sup>nd</sup> Meeting SRPC/ 40<sup>th</sup> Meeting of TCC-reg.

महोदय /महोदया

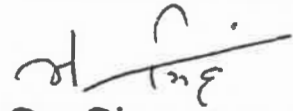
Sir/Madam,

दिनांक 4 जून 2022 को एस आर पी सी की 42 वीं बैठक एवं 3 जून 2022 को टीसीसी की 40 वीं बैठक बेंगलुरु में आयोजित के कार्यवृत्त संगलग्न हैं । द क्षे वि स के वेबसाईट (<https://www.srpc.kar.nic.in>) में कार्यवृत्त अपलोड किए गए हैं । अनुसंगलक वेबसाईट से डाउनलोड किए जा सकते हैं।

Please find enclosed Minutes of 42<sup>nd</sup> Meeting of SRPC held on 4<sup>th</sup> June 2022 and 40<sup>th</sup> Meeting of TCC on 3<sup>rd</sup> June 2022 at Bengaluru. The MoM is uploaded on SRPC website (<https://www.srpc.kar.nic.in>). The Annexure may please be downloaded from the SRPC website.

धन्यवाद / Thanking you,

भवदीय/Yours faithfully,



(असित सिंह /Asit Singh)

सदस्य सचिव/Member Secretary

At the same time states are forced to absorb RE and Nuclear (Must Run). NOC may be given to NPCIL units to sell the power in market.

- (viii) MS, SRPC noted that all these issues had been apprised to MoP and MoP had taken a Meeting wherein it was concluded that in the existing units flexibility cannot be enforced, however it was suggested that in future the design of nuclear plants should be such that there is flexibility to absorb RE power. He opined that after further deliberations in the SRPC Meeting, Chairperson SRPC may be requested to take up with MoP to ensure no planned outages of NPCIL during the months of February to April every year.

**(ix) TCC Recommendation**

Chairperson, SRPC may be requested to take up with MoP to ensure that no planned outages units are planned by NPCIL in SR during the months of February to April every year.

**g) SRPC Deliberation**

The Committee reiterated the requirement of availability of units at NPCIL stations during February, March and April and requested NPCIL to reschedule refueling/shutdowns accordingly.

**9. Recovery of relinquishment charges as per the order of CERC dated 08.03.2019 in Petition No. 92/MP/2015**

9.1 TANGEDCO vide letter dated 16.05.2022 (refer Annexure-7) has furnished the following:

- a) Hon'ble Commission vide its Order dt: 08.03.19 in Petition No: 92/MP/2015 directed to recover relinquishment charges to be paid by entities relinquishing part / full LTA quantum. As per the direction of Hon'ble CERC, the relinquishment charges have been computed by CTU and put on its website on **20.05.2019**, according to which, the total relinquishment charges payable by the generators/ LTA customers is Rs.7299.07 crore to the PoC pool.
- b) The issue of recovery of relinquishment charges was taken up by TANGEDCO in the 41<sup>st</sup>, 44<sup>th</sup>, 45<sup>th</sup> and 46<sup>th</sup> meetings of Commercial Sub Committee and subsequently the same was deliberated in the 36<sup>th</sup> and 38<sup>th</sup> SRPC meetings also.
- c) In the meantime, many generators have filed appeal before APTEL against the order of CERC and interim injunction was awarded by APTEL.
- d) SRPC directed CTU to furnish the action taken in this regard. In response, CTU stated that since majority of the generators have filed appeal, action will be taken based on the outcome of the appeals.
- e) TANGEDCO insisted to take necessary action to vacate the stay and recover the charges without waiting for disposal of the appeals. PGCIL stated that difficulties are being faced in recovery of relinquishment charges since some of the generators were under NCLT proceedings etc.

- f) Under these circumstances, CTU/PGCIL may be requested to furnish the following details:
- (i) Details of recovery of relinquishment charges collected as on date and remitted to pool.
  - (ii) Details of bank guarantee invoked in this regard and whether the same has been brought into the pool account. In this regard, in appeal no. 352 of 2019, M/s. Aryan MP Power Generation (P) Ltd have stated that BG for an amount of Rs. 56.10 Cr has been encashed by PGCIL.
  - (iii) List of generators gone to NCLT.
  - (iv) Any tangible action taken for recovery of the relinquishment charges from generators.
  - (v) Whether invoice has been raised on all relinquishing entities.
  - (vi) Action taken by CTU for vacating the stay granted by APTEL.
  - (vii) PGCIL may be requested to exclude the cost of such redundant assets from the pool.

## 9.2 TCC Deliberation

- (a) TANGEDCO informed that they had taken up the issue of recovery of relinquishment charges in various meetings of the Commercial Sub Committee and TCC/SRPC Meetings. As per the CERC Order dated 08.03.2019 in Petition No. 92/MP/2015, the relinquishment charges had been computed by CTU and put on its website. The total relinquishment charges payable by the generators/ LTA customers is Rs.7299.07 Crore to the PoC pool. Before the CERC Order, many IPPs/generators had relinquished the LTA and the charges were being recovered from the beneficiaries. They have been asking the CTU the details of recovery made from the generators and the status of Bank Guarantees (BG) invoked from various IPPs/generators, list of generators that were gone to NCLT, tangible action taken to vacate the stay as APTEL had granted stay against the CERC Order.

TANGEDCO requested to exclude the cost of such redundant assets from the PoC pool since this is over burden on the beneficiaries. The relinquishment capacity is around 35,000 MW against the LTA granted capacity of 48,383 MW. More than 10,000 MW is the stranded capacity and the entire investment cost is being recovered from the beneficiaries. CTU to take action on the recovery of relinquishment charges payable by the generators as calculated by them i.e Rs. 7299.07 Crores.

- (b) CTUIL informed that as per the CERC Order, they had computed the relinquishment charges payable by the generators/ LTA customers to the PoC pool as Rs.7299.07 Crore and published on website. However, more than 20 IPPs had disputed the charges computed and filed appeals in APTEL. These appeals are yet to be disposed by APTEL. In view of these disputes and GST issues concerning the raising of invoices, CTU has not raised any invoices as on date. However,

demand letters had been issued to the generators for payment of relinquishment charges.

- (c) CTUIL informed regarding the details that were sought by TANGEDCO in the agenda as below:
- (i) Against the demand letters, two parties had made the payment of around Rs. 3 Crores and the Bank Guarantee (BG) of 18 IPPs was encashed for around Rs. 400 Crores. The same has been kept in Bank Fixed Deposit (FD) and awaiting the disposal of APTEL appeals disputing the relinquishment charges for taking further necessary action to disburse the amount through PoC pool.
  - (ii) Out of 18 IPPs, 15 IPPs were undergoing NCLT proceedings. Five more new IPPs have been added under NCLT proceedings, whose CBG is not encashed, in view of court proceedings are under NCLT. There are 20 IPPs which are undergoing insolvency procedure under NCLT. CTUIL has filed claims with IRP in all NCLT-IPPs.
  - (iii) As on date, 2 IPPs have completed the insolvency proceedings, However, CTU being operational creditor, nothing has been recovered from these parties in NCLT process.
  - (iv) CTUIL has filed the reply in APTEL and hearings are to be take place in the matter. The matter is listed in Court 1 of APTEL and the bench is vacant for the past two years. CTUIL is taking the steps for transfer the case from Court 1 to Court 2.
  - (v) The invoice towards the payment of relinquishment charges have not been raised due to APTEL's stay and GST issues. However demand notices were issued to IPPs and claims have also have been filed before IRP.
  - (vi) None of the assets are redundant and the assets are being utilised as per system requirement. All the assets have been developed as per due approved process and the Tariff of which is being recovered as per CERC Order.
- (d) On a query from TANGEDCO that why invoices were not raised by CTU, CTU informed that earlier, when CTU raised invoices for recovery of MTOA relinquishment charges, tax authorities had sent the show cause notices to CTU mentioning that why GST is not being paid in respect of relinquishing customer. CTU had replied to them stating that these relinquishment charges are the transmission charges which are to be put back into pool. However, Tax Commissioner did not accept the reply and issued an Order stating that GST is applicable on relinquishment charges considering this as compensation. Against this Order, CTU had filed an appeal in Appellate Tax Tribunal and the matter is being pursued.
- (e) Director (T, SO, P & S), KSEBL opined that instead of CTU going into the appeals, CTU may have raised invoices to the parties along with the taxes since the defaulting entity has to bear the taxes. This action would protect the interest of

the common people instead of protecting the defaulting entity.

- (f) CTU informed that the parties disputed the charges and filed appeals. Hence the payments will not be made by these parties. Once the invoice is raised, upfront tax has to be made to the Tax Authorities.

CTU, on keeping the BG amount in FDs, clarified that in the cases of refund of BG amounts to IPPs, APTEL/CERC recently in their Orders have directed to pay along with the interest to IPPs, when the order by APTEL/CERC is in their favour. In case if this BG amount is put back into the pool, the same shall be recollected from DICs along with interest to refund to IPPs.

TANGEDCO stated that there is no justification to hold the amount recovered from the IPPs/Generators. All the assets are included in the PoC pool and the complete charges are being recovered from the DICs.

- (g) Director (Grid & Tr. Mngmnt.), APTRANSCO stated that AP is the most suffering state on account of these lines developed. Hence CTUIL has to take special interest in recovering the relinquishment charges from the generators who relinquished/abandoned the LTA. The transmission system was developed but the generation project did not come up. But the transmission charges are being recovered from the beneficiaries/DICs for the developed transmission system which is a burden to the states. End consumers bear the brunt of these charges.

- (h) CTUIL informed that only two generation projects had been abandoned in Southern Region and it was more in other Regions. As per the CERC Regulations, the generators have the right to relinquish LTA but with relinquishment charges.

TANGEDCO stated that these schemes were evolved based on the BPTA not based on the LTA. Hence as per the agreement, generators are liable to pay the transmission charges. After implementation of the projects, Regulations had been changed and the transmission charges have been put on beneficiaries.

- (i) Regarding the exclusion of the cost of redundant assets from the pool, CTUIL reiterated that no asset is redundant. As per the Operator's feedback, no transmission system or line is kept unutilized / redundant. Transmission systems/lines may be utilized less in one season and peak season, it may be utilized for more transfer of power. Much of the transmission system has been planned as per planning process and all the inter-regional links power is imported by SR. Presently, SR has 7500 MW firm LTA & MTOA which is to be transferred from NEW grid to SR Grid. Against 7500 MW, SR has imported more than 16000 MW in this peak season including through Power Exchanges, STOA etc. These transmission systems are only facilitating to meet the demand by SR beneficiaries. It may be observed that during peak season, SR is importing from NEW grid and during the off-peak season, SR is exporting to NEW grid to the extent of 5000-8000 MW.

TANGEDCO pointed out that as the CTU computations, stranded capacity is 10,000 MW. In the affidavit filed with CERC, CTU had stated that 56% of the



transmission capacity has become redundant due to the relinquishment of LTA by IPPs/generators.

CTUIL stated that there was a methodology that was prescribed for determining the stranded capacity and corresponding transmission charges. CTU had submitted affidavit in CERC saying that relinquishment charges cannot be determined through system studies. However, Commission had come up with specific Order and as per that Order relinquishment charges had been computed by CTU. CTU reiterated that no asset is redundant and the transmission systems are utilized at different point of times during the grid operation.

- (j) MS, SRPC stated that the issue would be further deliberated in the SRPC meeting and the decision in respect of disbursement of Rs. 400 crores in FDs from the relinquished entities to the DICs may be taken.

### **9.3 SRPC Deliberation**

- a) Chairperson, SRPC enquired about the status of the case in APTEL.
- b) COO, CTUIL informed that they were in the process of shifting from Court-1 to Court-2 of APTEL so that hearing takes place. He also informed that in respect of GST issues, they were rigorously following up and were hopeful for positive results and after that they would raise the invoices. Around Rs 400 cores are with CTU in the form of FD and the same will be put in the pool once the Order comes. They were not putting into the pool because in case Order from APTEL is in favour of generators, the amount shall be taken back from the pool (taken back from DICs) for reimbursement to those IPPs/Generators.
- c) Chairperson, SRPC suggested CTUIL to refund the Bank Guarantee (BG) encashed by CTUIL from the relinquished generators for around Rs. 400 Crores to the DICs.
- d) COO, CTUIL stated that it is common money of all the five regions and cannot be given state-wise or region wise. Hence it needs to be taken up in other four RPCs and gets recorded. Subsequently, they would go ahead with the reimbursement to the DICs.
- e) SRPC recommended that CTUIL to place the agenda item in other RPCs conveying the decision of SRPC. Subsequently, the Bank Guarantee (BG) encashed by CTUIL shall be refunded to all the DICs.

### **10. Enhancement of PSDF grant for 125 MVar Bus Reactor at Dr NTTPS switchyard**

- (i) APGENCO vide letter dated 10.05.2022 (**Annexure-10**) has submitted the following:
  - ✓ MoP vide order dated 17.12.2020 has sanctioned Rs.12.41 Crores (against estimated cost of Rs.12.95 Crores) from PSDF to APGENCO for installation of one number 125 MVar Bus reactor at the existing 400 kV switchyard of Dr NTTPS.

## SUMMARY OF DEVIATION CHARGE RECEIPT AND PAYMENT STATUS

**BILL UPTO 12-02-2023 (W-46 of 2022-2023)**  
**Last Payment Disbursement Date - 03-03-2023**

Figures in Rs. Lakhs

CONSTITUENTS	Net outstanding for 2021-22	Receivable	Received	Payable	Paid	Outstanding for 2022-23	Total Outstanding
BSPTCL	0.00000	18,969.58019	5,546.03092	9,358.81547	0.00000	4,064.73380	4,064.73380
JUVNL	0.00000	16,784.55165	7,442.94875	1,970.65753	0.00000	7,370.94537	7,370.94537
DVC	0.00000	10,700.94894	11,007.79832	1,431.74648	1,833.14488	94.54902	94.54902
GRIDCO	0.00000	27,738.94492	27,866.96416	11,074.96357	11,202.98281	0.00000	0.00000
WBSETCL	0.00000	21,578.94507	21,601.81356	4,878.62321	4,901.49170	0.00000	0.00000
Sikkim	456.99860	1,495.70438	0.00000	923.56731	0.00000	572.13707	1,029.13567
NTPC	0.00000	13,387.99059	12,882.85070	1.55341	25.03150	528.61798	528.61798
NHPC	0.00000	56.62836	55.49750	1,788.77783	1,788.77783	1.13086	1.13086
MPL	0.00000	196.35635	195.31723	783.86447	782.82535	0.00000	0.00000
APNRL	0.00000	1,096.89273	1,070.17651	132.06886	132.06886	26.71622	26.71622
CHUZACHEN	0.00000	113.94497	111.07720	164.25553	164.25553	2.86777	2.86777
NVVN-BD	0.00000	398.85481	367.28369	699.22052	699.22052	31.57112	31.57112
GMR	0.00000	820.14525	711.00507	216.53274	216.95089	109.55833	109.55833
JITPL	0.00000	1,359.43040	1,356.56680	365.40395	362.54033	0.00000	0.00000
TPTCL (Dagachu)	0.00000	3,812.86457	3,812.68012	2.09929	2.09929	0.18445	0.18445
JLHEP	0.00000	1,192.39628	1,172.32873	118.61937	118.58420	20.03238	20.03238
NVVN-NEPAL	0.00000	9,129.52078	8,969.39239	1,066.76885	1,066.76885	160.12839	160.12839
IBEUL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
BRBCL	0.00000	1,611.54596	1,602.24192	118.29758	118.29758	9.30404	9.30404
PGCIL SASARAM	0.00000	29.34565	29.34565	47.16932	47.16932	0.00000	0.00000
TUL (Teesta-III)	0.00000	932.25115	932.22743	233.45674	233.45674	0.00000	0.00000
Dikchu	0.00000	122.92821	116.53607	220.43663	220.72755	6.68306	6.68306
PGCIL-Alipurduar	0.00000	23.13526	23.13526	16.84646	16.84646	0.00000	0.00000
Tashiding(THEP)	0.00000	393.91452	392.77929	355.70624	355.70624	1.13523	1.13523
OPGC	0.00000	8.21880	8.21880	0.00000	0.00000	0.00000	0.00000
KBUNL	0.00000	364.68275	364.68311	35.85888	35.85888	0.00000	0.00000
NPGC	0.00000	983.27857	983.27857	205.73078	205.73078	0.00000	0.00000
NPGC-Infirm	0.00000	298.01341	298.01341	1,006.41355	1,006.41355	0.00000	0.00000
RONGNICHU	0.00000	42.17384	42.17384	580.17986	580.17986	0.00000	0.00000
BRBCL U4 Infirm	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PTC Bhutan	0.00000	0.00000	0.00000	141.54024	141.54024	0.00000	0.00000
NVVN Bhutan	0.00000	66.25763	66.25763	41.45510	41.45510	0.00000	0.00000
<b>Total</b>	<b>456.99860</b>	<b>1,33,709.44599</b>	<b>1,09,028.62263</b>	<b>37,980.62977</b>	<b>26,300.12484</b>	<b>13,000.29509</b>	<b>13,457.29369</b>

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 - B8.2

## STATUS OF REACTIVE CHARGES

AS ON 06.03.23

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	11,48,09,546	3,78,70,317	1,79,63,568	97,12,179	6,86,87,840
JUVNL	13,57,33,981	6,35,09,377	0	0	7,22,24,604
DVC	3,70,99,588	3,70,99,588	1,67,94,224	1,67,94,224	0
GRIDCO	5,33,70,826	5,57,39,418	20,83,056	44,51,648	0
SIKKIM	51,50,571	48,00,000	25,36,720	21,86,149	0
WBSETCL	6,05,63,772	4,90,74,891	71,09,216	40,41,768	84,21,433

Receivable:

Received:

'- ve' Payable by ER pool

Receivable by ER POOI Payable:

Received by ER POOL Paid:

'+ ve' Receivable by ER pool

Payable by ER POOL

Paid by ER POOL

## Deviation Interest Bill due to delay payment

### Annexure-B8.3

All figs in Rupees.

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
14	IBEUL	26,75,383			26,75,383
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		-1
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
<b>Total</b>	<b>-11.70764</b>	<b>11.70764</b>		

**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 2021-22	Total Deviation charges payable to pool during 2021-22	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	41	41	21320.74	410.01	451.01566	All Weeks	12-11-2023	LC opened for Rs. 213,53,049 /-
2	Jharkhand State Electricity Board / झारखंड	44	44	7539.19	144.98	159.48276	All Weeks	22-11-2022	LC opened for Rs. 68,73,783 /-
3	SLDC - UI FUND - WBSETCL / पश्चिम बंगाल	49	2	11830.03	227.50	250.25055	Week-4, 40	14-08-2023	LC opened for Rs. 2,50,25,055 /-
4	Power Deptt, Govt. of Sikkim / सिक्किम	41	41	2725.25	52.41	57.64962	All Weeks	No Valid LC	
5	NTPC / एनटीपीसी	37	2	6994.96	134.52	147.97033	Week-14, 22	03-08-2023	LC opened for Rs. 147,97,000 /-
6	Maithon Power Limited / मैथन	14	1	136.99	2.63	2.89779	Week-4	31-07-2023	LC opened for Rs Rs. 2,89,779 /-
7	Adhunik Power & Natural Resources Limited / अधुनिक शक्ति	20	19	322.87	6.21	6.82984	All Weeks except Wk-27	No Valid LC	
8	Gati Infrastructure Private Limited / गुजावेन	9	6	33.66	0.65	0.71196	Week-5, 12, 14, 15, 29, 30	No Valid LC	
9	GMR Kamalanga Energy Limited / जीएमआर	1	1	42.36	0.81	0.89615	Week-7	No Valid LC	
10	Jindal India Thermal Power Ltd. / जिंदल	26	5	1202.22	23.12	25.43147	Week-21, 26, 29, 38, 41	No Valid LC	
11	DANS Energy Private Limited - Operation Retention Account / डैन्स	49	26	1019.28	19.60	21.56162	Week-1, 2, 3, 4, 5...	No Valid LC	
12	Powergrid Corporation Of India Limited-Sasaram / सासाराम	28	8	21.97	0.42	0.46484	Week-6, 16, 17, 18, 19, 20, 2	31-03-2023	LC opened for Rs. 46,484 /-
13	Sneha Kinetic Power Projects Pvt. Ltd./ दिक्चू	15	1	82.48	1.59	1.74484	Week-26	01-08-2023	LC opened for Rs Rs. 174,484 /-
14	PGCIL-Alipurduar / अलीपुरदुआर	26	16	41.02	0.79	0.86763	Week-3, 4, 6, 7, 9, 10...	31-12-2022	LC opened fro Rs 14629
15	Shiga Energy Private / शिगा ऊर्जा	44	26	789.57	15.18	16.70240	Week-1, 2, 4, 9...	No Valid LC	
16	NABINAGAR POWER GENERATING CO. PVT LTD. / नबीनगर	16	1	607.86	11.69	12.85864	Week-24	03-02-2023	LC opened for Rs 47,36,890 /-
17	NABINAGAR POWER GENERATING CO. PVT LTD. - INFIRM	40	1	1151.76	22.15	24.36413	Week-40		
18	RONGNICHU HEP	24	6	110.97	2.13	2.34742	Week-6, 7, 8, 10, 11, 15	No Valid LC	
19	PTC INDIA LTD.	6	1	198.04	3.81	4.18922	Week-45	No Valid LC	

## DETAILS OF DISBURSEMENT TO POWER SYSTEM DEVELOPMENT FUND

Sl 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
Total		206461.29070			

## DSM account Reconciliation Status of ER constituents and Inter Regional

Annexure-B8.6

	2019-20				2020-21				2021-22				2022-23				
DSM account Reconciliation Status of ER constituents and Inter Regional																	
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)		
Inter Regional																	
WR	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO		
SR	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO		
NER	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES		
NR	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO		
Intra Regional																	
BSPHCL	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		
DVC	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO		
GRIDCO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO		
WBSETCL	YES	YES	YES	YES	YES	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO		
SIKKIM	YES	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		
NHPC	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES		
MPL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO		
KBUNL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NA		
APNRL	YES	YES	YES	YES	YES	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		
NVVN(Ind-Bng)	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO		
NVVN(Ind-Nep)	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO		
GMR	YES	YES	YES	YES	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO		
JITPL	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	YES		
INBEUL	NO	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA	NA		
TPTCL (DAGACHU)	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	NO	NO		
JLHEP(DANS ENERGY)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO		
BRBCL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO		
POWERGRID (ER-I)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO		
POWERGRID (ER-II)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO		
TUL (TEESTA-III)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES		
DIKCHU	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO		
SHIGA (TASHIDING)	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO		
OPGC	NO	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA	NA		
NPGC	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NA		
Rongnichu													YES	NO	NO		
PTC Bhutan													YES	YES	NA	NA	

(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-B8.7

	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)	
BSPHCL	YES	NA	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	
DVC	YES	N/A	N/A	N/A	YES	NO	NO	YES	YES	YES	YES	YES	NO	NO	NO	
GRIDCO	YES	YES	YES	YES	YES	YES	YES	YES	Yes	YES	YES	YES	YES	YES	NO	
WBSETCL	YES	YES	NO	NO	YES	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	
SIKKIM	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)	
NTPC	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	NO	NO	
KBUNL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NA	
NPGC	NA	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NA	
MPL	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	

## 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										YES	YES	YES	YES	YES	NO	NO	
NHPC											YES	YES	YES	YES	YES	YES	
NPGC											NO	NO	NO	YES	YES	YES	
KBUNL												YES	YES	YES	NA		
													YES	YES	NA		

## SRAS Account Reconciliation Status

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



**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)
	Date of Issuance	28-07-2022	26-10-2022	30-01-2023
1	West Bengal - SLDC and STU	NO	NO	NO
2	DVC - SLDC	NO	NO	NO
3	OPTCL-SLDC and STU	YES	YES	YES
4	Jharkhand STU and SLDC	NO	NO	NO
5	Bihar-SLDC and STU	YES	NO	NO
6	Andhra Pradesh	NO	NO	NO
7	CHHATTISGARH	NO	NO	NO
8	Delhi	NO	NO	NO
9	HIMACHAL PRADESH	NO	NO	NO
10	JAMMU & KASHMIR	NO	NA	NA
11	KARNATAKA	NO	NO	NO
12	MADHYA PRADESH	NO	NO	NO
13	MAHARASTRA	NO	NO	NO
14	RAJASTHAN	NO	NO	NO
15	Gujarat	NA	NO	NO
16	Uttar Pradesh	NA	NO	NO
17	Telangana	NA	NA	NO
18	CTU	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)
	Date of Issuance	28-07-2022	26-10-2022	30-01-2023
1	Bihar State Power Holding Company Limited	NA	NA	NA
2	Calcutta Electric Supply Company	NA	NA	NA
3	GRIDCO Ltd	YES	YES	NA
4	Jindal India Thermal Power Limited	NO	NO	NO
5	Jharkhand Bijli Vitaran Nigam Limited	NO	NO	NO
6	NHPC Limited	NA	NA	NA
7	West Bengal State Electricity Distribution Company Limited	NO	NO	NA
8	ADANI HYBRID ENERGY JAISALMER THREE LIMITED AHS	YES	YES	NA
9	ADANI HYBRID ENERGY JAISALMER THREE LIMITED AHW	YES	YES	NA
10	Arunachal Pradesh Power Corporation Private Limited	NO	NO	NO
11	Clean Solar Power (Jodhpur) Private Limited	YES	YES	YES
12	HINDUSTAN POWER EXCHANGE LIMITED	NA	YES	YES
13	INDIAN ENERGY EXCHANGE LIMITED	NO	NO	NO
14	India Power Corporation Limited	NO	NO	NO
15	ITC Limited Dairy Plant	NO	NO	NA
16	ITC Limited ITD Munger	YES	YES	NA
17	ITC LTD Kidderpore	NO	NO	NO
18	I T C LIMITED, Sonar and Royal Bengal	NA	NO	NA
19	KREATE ENERGY(I) PRIVATE LIMITED	NO	NO	NO
20	NTPC VIDYUT VYAPAR NIGAM LIMITED	YES	NA	NA
21	POWER EXCHANGE INDIA LIMITED	NO	YES	YES
22	PTC INDIA LIMITED	YES	YES	NO
23	TATA POWER TRADING COMPANY LIMITED	NO	NO	NO
24	TATA STEEL LIMITED @132kV	NO	NA	NA
25	Saranyu Power Trading Private Limited	NA	NO	NA
26	OSTRO KANNADA POWER PRIVATE LIMITED	NA	NO	NA

## Annexure-B8.9

## ERLDC Fees &amp; Charges

Sl No	Entity Name	2021-22				2022-23		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	Adhunik PNRL	Yes	Yes				Yes	
2	Alipurduar HVDC							
3	Alipurduar Transmission Limited							
4	BARH STG-I	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	BARH-II	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6	Bharatiya Rail Bijlee Company Ltd.	Yes				Yes	Yes	
7	Bihar State Power Transmission Company Ltd.							
8	Darbanga-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
14	FSTPP-III	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
23	KHSTPP-I	Yes	Yes	Yes	Yes	Yes	Yes	Yes
24	KHSTPP-II	Yes	Yes	Yes	Yes	Yes	Yes	Yes
25	Maithon Power Limited	Yes	Yes		Yes			
26	Nabinagar Power Generation Corporation Ltd.					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	WBSEDCL				Yes		Yes	