



सत्यमेव जयते

भारतसरकार  
Government of India  
केंद्रीयविद्युत्प्राधिकरण  
Central Electricity Authority  
पश्चिमक्षेत्रीयविद्युत्समिति  
Western Regional Power Committee  
एफ-3, एमआईडीसीक्षेत्र, अंधेरी (पूर्व), मुंबई- 400 093  
F-3, MIDC Area, Andheri (East), Mumbai - 400  
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दूरभाष/Phone: 022-28221681, 2820 0194, 95, 96  
Website: [www.wrpc.gov.in](http://www.wrpc.gov.in)

फैक्स/Fax: 022-2837193  
E-mail: [comml-wrpc@nic.in](mailto:comml-wrpc@nic.in)

संख्या: पक्षेविस/वाणि-1/पीओसी/आरटीए/2022/4.1/ 5318 दिनांक: 20-05-2022

सेवा में/ To,

(सूची के अनुसार) / As per list)

विषय: जनवरी 2021 से मई 2022 के बिलिंग महीनों (बिलिंग अवधि नवंबर 2020 से मार्च 2022) के लिए **NSPCL** भिलाई के लिए संशोधित **RTDA** |

Sub: Revised RTDA for NSPCL Bhilai for the Billing Months of January 2021 to May 2022 (Billing Period November 2020 to March 2022).

महोदय/Sir,

केविनिआयोग (अन्तर्राज्यीय पारेषण प्रभार एवं क्षति का सहभाजन) नियमन, 2020 दिनांक 4 मई 2020 के अनुसरण में जनवरी 2021 से मई 2022 के बिलिंग महीनों (बिलिंग अवधि नवंबर 2020 से मार्च 2022) के लिए **NSPCL** भिलाई का संशोधित क्षेत्रीय पारेषण विचलन लेखा जारी किया गया है। राष्ट्रीय भार प्रेषण केन्द्र से प्राप्त डाटा की प्रति आपकी सूचना एवं आवश्यक कार्रवाई हेतु संलग्न है।

In accordance with CERC (Sharing of Inter-State Transmission Charges and Losses), Regulations, 2020 dated 4<sup>th</sup> May 2020, the **Revised** Regional Transmission Deviation Account for NSPCL Bhilai for the Billing Months of January 2021 to May 2022 (Billing Period November 2020 to March 2022) is enclosed herewith, for your information and necessary action.

The RTDA account has been revised for following reasons:

1. The present philosophy adopted for calculations of RTDA is injection of NSPCL in 400 kV Raipur D/C – the long-term LTA of 170 MW (DD, DNH of 170 MW total) & 13.5 MW MTOA (SAIL/SSP).
2. NSPCL vide their letter number NSPCL\_B/O&M/Comml dated 07.05.2022 (copy enclosed) have intimated that their injection into the ISTS system is not in their control, since NSPCL is connected to ISTS system through 400 kV D/c lines to

Raipur and also through 220 kV network to CSPTCL (SAIL-BSP 4\*220 kV lines and 28 220 kV BSP – Khedamara Lines).

3. In view of the above the present philosophy of calculations given at 1 above, is being changed as follows:

For RTDA purpose NSPCL injection into ISTS System is calculated on pro rata of LTA of ISTS

$$A = \text{Injection into ISTS} = 183.5/455 * \text{Total NSPCL Injection}$$

$$\text{Transmission Deviation: } A - 183.5$$

Where,

$$183.5 = \text{LTA} + \text{MTOA granted on ISTS}$$

$$455: \text{Ex Bus capacity of NSPCL.}$$

4. The matter was consulted with WRLDC, reply of WRLDC is enclosed at Annexure A. From the Line Power Flow graph provided by WRLDC, it is seen that whenever there is under drawal through the 4\*220 kV SAIL-BSP lines by Chhattisgarh, there is an increase in flow on the 2\* 400 kV NSPCL - Raipur lines.

The RTDA account in respect of NSPCL have been revised as per the methodology given at 3 and are enclosed herewith for necessary action.

उपरोक्त क्षेत्रीय पारेषण विचलन लेखा का विवरण पक्षेविस की वेबसाइट [www.wrpc.gov.in](http://www.wrpc.gov.in) में उपलब्ध है ।

All concerned entities are requested to intimate discrepancies/errors within 15 days from the date of issue of this RTDA.

Details of the above Regional Transmission Deviation Account is available on WRPC website [www.wrpc.gov.in](http://www.wrpc.gov.in)

संलग्न / Encl. : उपरोक्तानुसार / As above

भवदीय/ Yours faithfully,



(P. D. LONE)

अधी.अभि.(वाणि.) / Suptdg. Eng.(Comml.)

डाक सूची / Mailing List:

01	कार्य निदेशक (वित्त), गु ऊ वि नि लि, वडोदा	01	Executive Director (Finance), GUVNL, Vadodara
02	मुख्य अभियंता (भार प्रेषण), गेटको, गोत्री वडोदा	02	Chief Engineer (LD), GETCO, Gotri, Vadodara
03	मुख्य अभियंता (वाणिज्य), मपपाट्रेकॉलि, जवलपुर	03	Chief Engineer (Comml), MP Power Trading Co. Ltd., Jabalpur
04	मुख्य अभियंता (भार प्रेषण), मप पाट्रांस कं लि जवलपुर	04	Chief Engineer (LD), MP Power Transmission Co. Ltd., Jabalpur
05	मुख्य अभियंता (सी एव पी), छगविबोर्ड, रायपुर	05	Chief Engineer (C&P), CSPTCL, Raipur
06	मुख्य अभियंता (वाणिज्य), छगविबोर्ड, रायपुर	06	Chief Engineer (Comml), CSPTCL, Raipur
07	मुख्य अभियंता (भार प्रेषण), छगविबोर्ड, भिलाई	07	Chief Engineer (LD), CSPTCL, Bhilai
08	मुख्य अभियंता (एस टी यू), मराविपारेकलि, मुंबई	08	Chief Engineer (STU), MSETCL, Mumbai
09	मुख्य अभियंता (पीपी), मराविविकलि, मुंबई	09	Chief Engineer (PP), MSEDCL, Mumbai
10	मुख्य अभियंता (भार प्रेषण), मराविपारेकलि, मुंबई	10	Chief Engineer (LD), MSETCL, Kalwa
11	मुख्य विद्युत अभियंता, विद्युत विभाग, गोवा	11	CEE, Elect. Deptt., Goa
12	कार्यपालक अभियंता (डिवाजन III), कुर्ती, पोंडा, गोवा	12	Executive Engineer (Div-III), Ponda, Goa
13	कार्यपालक अभियंता, विद्युत विभाग, दमन एवं दवि	13	Executive Engineer, Elect. Deptt., DD
14	कार्यपालक अभियंता, विद्युत विभाग, दादर नगर हवेली	14	Executive Engineer, Elect. Deptt., DNH
15	महा प्रबंधक(वाणिज्य), एनटीपीसी लिमि, मुंबई	15	GM (Comml), NTPC Ltd., Mumbai
16	महा प्रबंधक(वाणिज्य), एनटीपीसी लिमि, नई दिल्ली	16	GM (Comml), NTPC Ltd., New Delhi
17	अतिरिक्त महा प्रबंधक(वाणिज्य), एनपीसीआईएल, मुंबई	17	AGM (Comml). NPCIL, Mumbai
18	मुख्य अधीक्षक केएपीपी, एनपीसीआईएल	18	Chief Superintendent, KAPP, NPCIL
19	मुख्य अधीक्षक, टीएपीएम(1 एवं 2), एनपीसीआईएल	19	Chief Superintendent, TAPS (1&2), NPCIL
20	एसएमई(इलै), टीएपीएम(3 एवं 4), एनपीसीआईएल	20	SME (Electrical), TAPS (3 &4), NPCIL
21	अतिरिक्त महा प्रबंधक (वाणिज्य), पीजीसीआईएल, नागपुर	21	AGM (Comml), PGCIL, Nagpur
22	महा प्रबंधक (वाणिज्य), पीजीसीआईएल, नई दिल्ली	22	GM (Comml), PGCIL, New Delhi
23	कार्य निदेशक, पक्षेभापेकेन्द्र, मुंबई	23	GM, WRLDC, Mumbai
24	अ उपाध्यक्ष, जिंदाल पा लि, तमनार	24	AVP(O&M), Jindal Power Ltd, Tamnar
25	महा प्रबंधक(वाणिज्य), एल ए पी पी एल, गुरगांव	25	ED (Comml), LAPPL, Gurgaon
26	अ उपाध्यक्ष, ए पी एल, अहमदाबाद	26	AVP, Adani Power Ltd., Ahemdabad
27	कार्य निदेशक, टोरेन्ट पावर, सूरत	27	Executive Director, Torrent Power, Surat
28	कार्य निदेशक, मुंद्रा युएमपीपी, मुंद्रा	28	Executive Director, Mundra UMPP, Mundra
29	उपाध्यक्ष(ट्रेडिंग), पीटीसी, नई दिल्ली	29	Vice President (Trading), PTC, New Delhi
30	महा प्रबंधक (पावर ट्रेडिंग), आईएल, नई दिल्ली	30	GM (Power Trading), AEL, New Delhi
31	सदस्य सचिव, पूर्व क्षेत्रीय विद्युत समिति, कोलकाता	31	Member Secretary, ERPC, Kolkata
32	सदस्य सचिव, उत्तर क्षेत्रीय विद्युत समिति, नई दिल्ली	32	Member Secretary, NRPC, New Delhi
33	सदस्य सचिव, दक्षिण क्षेत्रीय विद्युत समिति, बंगलोर	33	Member Secretary, SRPC, Bangalore
34	मुख्य कार्यकारी अधिकारी, एन एल डी सी, नई दिल्ली	34	CEO, NLDC, New Delhi
35	महा प्रबंधक, पक्षेभापेकेन्द्र, कोलकाता	35	General Manager, ERLDC, Kolkata
36	कार्यकारी निदेशक, उत्तर क्षेत्रीय भार प्रेषण केन्द्र, दिल्ली	36	Executive Director, NRLDC, New Delhi
37	महा प्रबंधक, दक्षिण क्षेत्रीय भार प्रेषण केन्द्र, बंगलोर	37	General Manager, SRLDC, Bangalore
38	मुख्य अभियंता (गिड प्रबंधन), केविप्रा, नई दिल्ली	38	Chief Engineer (GM), CEA, New Delhi
39	सदस्य सचिव पूर्व उत्तर क्षेत्रीय विद्युत समिति शीलॉग	39	Member Secretary, NERPC, Shillong
40	महा प्रबंधक, पू उक्षेभापेकेन्द्र, शीलॉग	40	GM, NERLDC, Shillong
41	उप महा प्रबंधक(वाणिज्य), आर्जीपीपीएल, नोएडा	41	DGM(Comml), RGPPL, Noida
42	सदस्य सचिव पक्षेविस	42	Member Secretary, WRPC

**Revised Regional Transmission Deviation Charges for NSPCL Bhilai**

S. No.	Billing Month	Billing Period	Located in State	Deviation Charges issued by WRPC	Positive Deviation (Over Injection) for DIC and (Over Drawal) for Beneficiary for the Month (MWh)	Negative Deviation (Under Injection) for DICs and (under Drawal) For beneficiary for the Month (MWh)	Total Deviation (MWh)	Transmission Rate for Deviation (Rs/MWh) as per NLDC	Revised Deviation Charge in Rupees
1	Jan-21	Nov-20	Chattisgarh	1,456	22.8003	0.0000	22.8003	374.85	8,547
2	Feb-21	Dec-20	Chattisgarh	0	38.2272	0.0000	38.2272	369.25	14,115
3	Mar-21	Jan-21	Chattisgarh	0	66.5310	0.0000	66.5310	364.37	24,242
4	Apr-21	Feb-21	Chattisgarh	0	116.3735	0.0000	116.3735	352.73	41,049
5	May-21	Mar-21	Chattisgarh	0	559.3297	0.0000	559.3297	413.32	2,31,181
6	Jun-21	Apr-21	Chattisgarh	0	383.5790	0.0000	383.5790	388.08	1,48,858
7	Jul-21	May-21	Chattisgarh	1,93,623	24.8909	0.0000	24.8909	389.36	9,691
8	Aug-21	Jun-21	Chattisgarh	6,62,827	82.2670	0.0000	82.2670	369.60	30,406
9	Sep-21	Jul-21	Chattisgarh	20,677	54.4474	0.0000	54.4474	380.35	20,709
10	Oct-21	Aug-21	Chattisgarh	15,939	294.2783	0.0000	294.2783	384.36	1,13,108
11	Nov-21	Sep-21	Chattisgarh	0	32.8864	0.0000	32.8864	367.12	12,073
12	Dec-21	Oct-21	Chattisgarh	16,85,798	32.9293	0.0000	32.9293	377.77	12,440
13	Jan-22	Nov-21	Chattisgarh	88,41,336	77.7674	0.0000	77.7674	373.09	29,014
14	Feb-22	Dec-21	Chattisgarh	23,41,344	133.7827	0.0000	133.7827	385.71	51,602
15	Mar-22	Jan-22	Chattisgarh	52,13,103	101.3423	0.0000	101.3423	377.61	38,268
16	Apr-22	Feb-22	Chattisgarh	71,06,052	156.2038	0.0000	156.2038	374.83	58,549
17	May-22	Mar-22	Chattisgarh	39,07,591	454.7748	0.0000	454.7748	429.24	1,95,208

Following are the observations from WRLDC on NSPCL RTDA matter:

1. In order to address the high loading of NSPCL ICTs and to increase the ISTS drawl capacity of CSPTCL to meet the high demand, the following measures were decided in the meeting held by CEA on 12.4.21. (Minutes of meeting is attached for reference)

a) Re-arrangement of 400 kV feeders by PGCIL :-

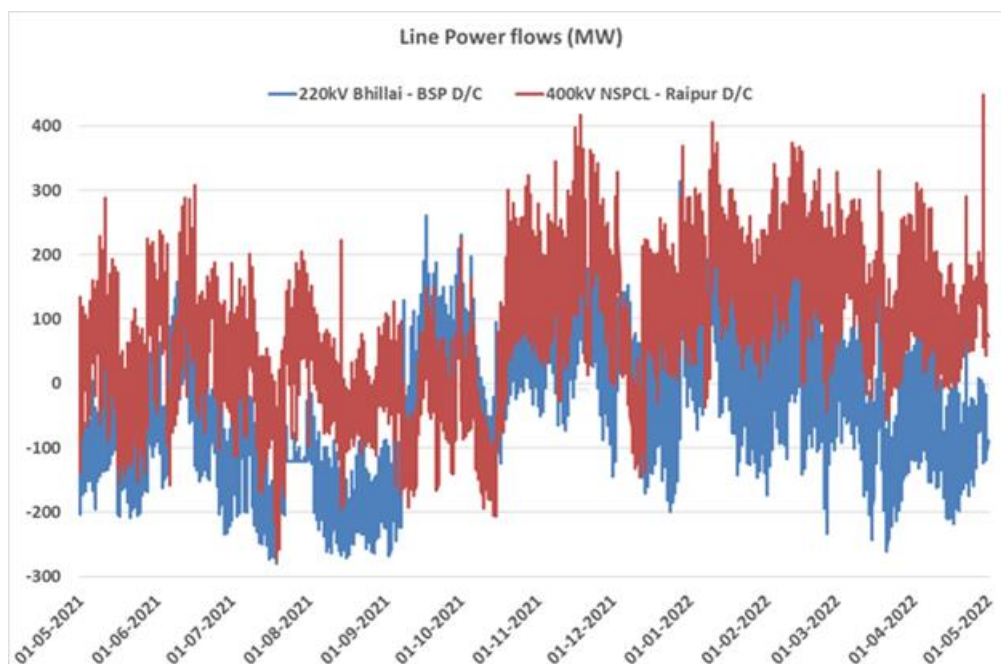
a) Swapping of circuits 2 & 3 of Bhadrawati with circuits 3 & 4 of Korba at 400 kV Bus of Raipur (PG) S/s - **Completed on 6-June -21. 400kV Raipur bus is operating in split mode to control fault level from 3<sup>rd</sup> July 2015 as per decision of 8<sup>th</sup> SCM of WR 6.12.2008.**

b) Re-arrangement of 220 kV feeders by CSPTCL:-

a) Re-arrangement of 220 kV Raipur – Bhatapara S/c line & 220 kV Bhilai – Siltara S/c line to 220 kV Bhilai – Bhatapara S/c line & 220 kV Raipur – Siltara S/c line. - Completed on **28-Jun-21**.

b) Re-arrangement of 220 kV Khedamara (Bhillai) – Borjhara S/s line & 220 kV Khedamara (Bhillai) – Raipur S/c line to 220 kV Raipur – Borjhara S/c line - Completed on **03-July-21**.

The above re-arrangements have reduced the drawl by CSPTCL via BSP- Bhilai path. Last one year flow of 400 kV NSPCL- Raipur D/C & 220 kV Bhillai- BSP line flows , it can be inferred that flow from BSP towards Bhilai has reduced which in return has increased the injection on 400kV NSPCL- Raipur line from NSPCL. The flow on 400kV NSPCL – Raipur D/C lines was above 200 MW most of the time during Oct'21- Apr'22. However, there is no addition/removal/re-arrangement of element at NSPCL and BSP.



Recently, 400/220kV Bhillai ICT -3 under forced outage from 28-05-2020 was also replaced & charged on 23-Apr-22.

2. NSPCL is a peculiar case having connectivity with CTU at Raipur through 400kV Raipur D/C and to 4nos. 220kV lines to SAIL-BSP( dedicated lines by SAIL-BSP) and further SAIL –BSP is connected to 220kV Bhilai S/S of CSPTCL. NSPCL is having only 183.65MW LTA/MTOA from CTU ( 100MW to DNH, 70MW to DD and 13.65MW to SALEM) . Captive contract with SAIL-BSP is not having any LTA as they are drawing through their dedicated lines and CSPDCL also draw

their 50MW home state contract through these dedicated lines of SAIL-BSP lines by legacy as NSPCL was in the control area of SLDC, Chhattisgarh till 2008.

3. When NSPCL's control area shifted to WRLDC from SLDC, Chhattisgarh, ISTS losses were applied to the power scheduled from NSPCL to its beneficiaries in line with Sharing Regulations 2010 including to SAIL-BSP and Chhattisgarh contracts.
4. SAIL-BSP filed petition at CERC and it heard thrice at CERC and twice at APTEL (APEAL filed by SAIL-BSP twice at APTEL against CERC orders) against this loss applicability stating that they are not using ISTS network to draw their contract from NSPCL.
5. During the hearing WRLDC submitted to CERC that loop flows take place and SAIL-BSP and CSPDCL will draw through 400kV NSPCL- Raipur-Bhilai and then through 220kV Bhilai- SAIL – BSP and accordingly losses shall be applied.
6. But then SAIL-BSP argued against it and told they have their own dedicated lines sufficient to draw their contract and after 10yrs of hearing, CERC allowed it in favour of SAIL-BSP prospectively, but stated that whenever there is a reverse flow the losses shall be applied. The relevant para from the order is quoted below.

Quote

*36. NSPCL is connected to ISTS and also has a dedicated transmission line to a single consumer i.e. SAIL-BSP which is also connected to the State network. Thus, SAIL-BSP, along with the 220 kV BSP-NSPCL lines and 400 kV Raipur-Khedamara lines form a parallel loop with the ISTS network, as a result of which there are occasions when flow of power from Raipur to NSPCL to SAIL-BSP also takes place. The Commission, by way of interpretation, took a view that "This occasional flow cannot render the 220 kV dedicated transmission lines between NSPCL and SAILBSP as incidental to inter-State transmission of electricity". And, on the basis of this view, the Commission concluded that the Petitioner "shall not be liable to pay the transmission losses on the conveyance of power from NSPCL to SAIL-BSP for captive consumption". **However, the above decision was made subject to two exceptions. Firstly, if SAIL-BSP sells any power scheduled from NSPCL to any other entity, transmission losses will be applied on such power. Secondly, in the event of outage of all the four dedicated lines between NSPCL and SAIL-BSP, if it is proved that SAIL-BSP has drawn its share of power from NSPCL from Khedamara (Bhilai) Sub-Station, then in such cases, POC losses shall be applicable as per the extant regulations. In other words, as and when the dedicated transmission lines are used for inter-State transmission of power, transmission losses as per the Sharing Regulations, 2010 shall be applicable.***

Unquote

7. Now SAIL BSP had appealed it at APTEL for implementation on retrospective way. This APEAL is now going through hearing stage and WRLDC is a respondent.



*NTPC SAIL Power Company Private Limited*  
*(A Joint Venture of NTPC & SAIL)*

**BHILAI**

Ref: NSPCL\_B/O&M/Comm1

Date: 07.05.2022

To

The SE (Commercial)  
WRPC, F3, MIDC Area, Marol  
Andheri (E) Mumbai 400093

**Sub: Review of RTDA Calculation methodology of NSPCL Bhilai and cancellation of Issued RTDA Statements**

Dear Sir,

NSPCL Bhilai received RTDA Bill for the Billing period from May-21 to Dec-21 and diff. for the period from Nov-20 to Apr-21. The bill was issued by Central Transmission Utility of India vide letter dated 23.02.2022. The bill amount is Rs 13,761,540.00. As per the letter, the bill has been raised in accordance with sharing Regulation 2020. (Copy of the bill is attached as Annexure-I).

NSPCL Bhilai had noticed discrepancies in the bill and found that the method adopted by CTUI to arrive at the quantum of deviation and the corresponding billed amount is erroneous and is not as per actual value of deviation. The same was brought into the notice of WRPC and CTUI vide email dated 15.03.2022 and 19.04.2022 and it was requested that RTDA statements may be revised in light of the discrepancies. (Copy of the emails is attached as Annexure-II).

Pursuant to our above emails, WRPC had given reply vide email dated 26.04.2022, stating that the methodology of computation of the deviation is as per the regulations only. (Copy of email is attached as Annexure-III).

Subsequently, NSPCL Bhilai has received letter from CTUI dated 05.05.2022 for payment of outstanding dues against Transmission Deviation Charges. (Copy of the letter is attached as Annexure-IV).

In the above backdrop, we would like to place relevant points for your consideration to show that the RTDA statement issued has not taken into account the actual status of NSPCL Bhilai connectivity and power flow scenario and therefore it needs revision.



## **1. Configuration details of Connectivity of NSPCL Bhilai**

- NSPCL Bhilai is connected to SAIL-BSP through 4x220 kV dedicated transmission lines which are installed, owned and operated by SAIL-BSP.
- NSPCL Bhilai is also connected to the transmission network of Power Grid Corporation of India Ltd (PGCIL) at Raipur sub-station through 400kV D/C transmission line to supply power to the Union Territories of Daman & Diu (DD) and Dadra Nagar Haveli (DNH).
- SAIL-BSP is connected to 400/220 kV Bhilai (Khedamara) sub-station of Chhattisgarh State Power Transmission Company Limited (CSPTCL) for supply of power from Chhattisgarh Power Distribution Company Limited (CSPDCL).
- There are 2 Nos 400 KV Buses at NSPCL. Both the 250 MW Generators are connected to 400 KV Buses 1 and 2 through individual breakers (2 breakers in each unit).
- 400 KV NSPCL buses are connected to 400 KV Grid at PGCIL Raipur Kumhari S/S through Raipur lines 1 and 2.
- 220 KV NSPCL buses (Main Bus 1,2 & Transfer Bus) are fed through 2 Nos 315 MVA 400/220 KV ICTs 1 and 2.
- 220 KV NSPCL buses are connected to 220 kV BSP System through BSP lines 1,2,3 and 4.

## **2. Issues & Cases:**

- Regional Transmission Deviation (RTD) Charges for the NSPCL is arrived at by comparing the injection of Generator into ISTS System and its contracts for usage of ISTS network. NSPCL is connected to ISTS Network through 400 kV NSPCL - Raipur 1 & 2 which are ISTS lines. As per the sharing regulation, the NPSCL injection through its Raipur Lines is compared to the quantum of LTA + MTOA + STOA + Power Exchange in every time block. The deviation thus arrived is used for the calculation of Deviation amount. The methodology of computation of the deviation is as per the regulations.
- The Present methodology adopted by WRPC for RTDA calculations is *AS*



**If, Power Injection of Raipur Line 1+ Raipur Line 2 is more than LTOA+MTOA (183.65MW) , then Deviation is positive or else 0 MW.**

- Some instances based on actual data for the Month of November 2021 is explained below so as to appreciate the actual status of NSPCL Bhilai power flow scenario and the discrepancy in RTDA accounts and having adverse impacts on NSPCL Bhilai:

<b>Description</b>	<b>Case 1: Date :30.11.21 Block (50)</b>	<b>Case 2 : Date: 16.11.21 Block (88)</b>
DC (MW)	455	455
SG (MW)	455	455
Export AG as per SEM (MW)	454.18	432.32
DSM (MW)	-0.82	-22.68
Power Flow R1 + R2 (MW)	134.69	300.22
BSP Flow 1+2+3+4 (MW)	319.49	132.1
RTDA as per NSPCL (MW)	0	0
RTDA as per WRPC (MW)	0	116.57
Reason	R1+R2 Export is less than 183.65 MW	R1+R2 Export is more than 183.65 MW

Note: R1 and R2 indicates Raipur Line1 and Line 2.

- NSPCL Bhilai being a Power Generator, has to generate as per the schedule and therefore what is under NSPCL's control is the power generated at ex-bus of NSPCL Bhilai i.e. the power exported by NSPCL Bhilai into the grid as per the given schedule. The proportion of power flow through 220 KV lines or 400 KV lines is beyond our control. This totally depends on grid configuration/connection which has been controlled by PGCIL/CTU/SLDC/WRLDC as a load dispatch regulator.



*NTPC SAIL Power Company Private Limited*  
*(A Joint Venture of NTPC & SAIL)*

**BHILAI**

- Therefore, the deviation which is arising out not because of any injection by NSPCL beyond the schedule but because of the different scenarios of power flow through different transmission lines which is not under control of NSPCL Bhilai and ultimately adversely affecting NSPCL Bhilai without any deviance or fault on the part of NSPCL Bhilai. Thus the RTDA statement and the corresponding bill raised by CTUI is not proper and just.

In view of the above submissions, your kind intervention is solicited to look in to the matter for earliest resolution of the issues and cancellation of RTDA statement issued till finalisation of methodology.

Yours truly,

Janki Prasad  
AGM (O&M)  
NSPCL Bhilai

Copy to

1. Member Secretary (WRPC), WRPC, F3, MIDC Area, Marol, Andheri (E) Mumbai 400093.
2. ED (WRLDC), WRPC, F3, MIDC Area, Marol, Andheri (E) Mumbai 400093.
3. Sr. General Manager , MO (WRLDC), WRPC, F3, MIDC Area, Marol, Andheri (E) Mumbai 400093
4. Chief General Manager (Comml), CTUIL, Plot No2, Sector-29, Gurugram, Harayana-122001
5. Chief Manager (Comml) , Power Grid, WR-1, Nagpur
6. GM (OS&Comml), NSPCL\_CC, New Delhi

Annx -1

Central Transmission Utility of India Limited  
Plot No.2, Sector-29, Gurgaon, Haryana-122001.

Central Transmission Utility of India Limited  
Plot No.2, Sector-29, Gurgaon, Haryana-122001.  
Tel : Fax : Email :

CIN NO: U40100HR2020GOI091857

Ref No: CTUIL/BCD/Serial No:94300556

Date: 23 FEB 2022

To,  
NSPCL Bhilai  
NTPC-SAIL Power Company , Private Limited ,Bhilai  
Expansion Project ,  
Near Purena Bhilai - East, Durg Dt. , 490021  
Chandigarh

DIC PAN :

**Subject: Bill of Supply for Third Bill for Billing period of May-21 to Dec-21 and diff. for Nov-20 to Apr-21**  
Dear Sir,

Please find enclosed the Bill of Supply for Third Bill for period May-21 to Dec-21 and diff. for Nov-20 to Apr-21 as per sharing Regulation 2020.

1.Bill of Supply No :MI6011210229

Dated : 23 FEB 2022

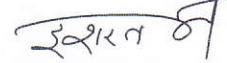
2.Amount : Rs.13,761,540.00

(In words: Rupees One Crore Thirty Seven Lakh Sixty One Thousand Five Hundred Forty Only )

The Bill has been raised as per CERC (Sharing of Inter-State transmission charges & losses)Regulation 2020.

Thanking You,

Yours Faithfully.



Authroized signatory  
For & On Behalf of

Central Transmission Utility of India Ltd

Encl: a/a

Registered Office: Plot No.2, SECTOR 29, Gurgaon Haryana-122001.

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएं  
Save Energy for Benefit of Self and Nation

Annx -I

Central Transmission Utility of India Limited  
Plot No.2, Sector-29, Gurgaon, Haryana-122001.

Central Transmission Utility of India Limited  
Plot No.2, Sector-29, Gurgaon, Haryana-122001.  
GSTIN: 06AAJCC2026N1ZM  
CIN: U40100HR2020GOI091857  
CTUILPAN: AAJCC2026N

Billing, Collection and Disbursement of Inter State Transmission System Charges

Bill of Supply for Third Bill for Billing period of May-21 to Dec-21 and diff. for Nov-20 to Apr-21

DIC No : 2100132

Name of DIC: NSPCL Bhilai

Address of Dic: NTPC-SAIL Power Company, Private Limited , Bhilai, Expansion Project,

GSTIN of DIC:

Bill of Supply No.: MI6011210229

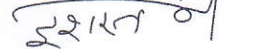
Bill of Supply Date: 23.02.2022

GST\_SAC: 996911

S No.	Description	Amount (Rs.)
1	Deviation charges	13,761,540.00
<b>Grand Total</b>		<b>13,761,540.00</b>
In words: Rupees One Crore Thirty Seven Lakh Sixty One Thousand Five Hundred Forty Only		

Please make RTGS payment in SBI,(CAG-II Branch,New Delhi) IFSC Code SBIN0017313, A/C 39954184733

Authorized signatory



For & On behalf of

Central Transmission Utility of India Ltd.

Please make RTGS payment in SBI, (CAG-II Branch, New Delhi) IFSC Code: SBIN0017313, A/C 39954184733

Note:

- 1.This bill has been raised on behalf of all the ISTS licensee/Deemed ISTS licensee/RPC Certified licensee in accordance with the CERC (Sharing of ISTS charges & losses) Regulations, 2020
- 2.This bill does not cover transmission charges pertaining to bilateral assets.

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएं  
Save Energy for Benefit of Self and Nation

ANNX-II

Zimbra

rajaram.maity@nspcl.co.in

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**Re: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21**

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**From :** Amit Kumar <amitkumar@nspcl.co.in> Tue, Mar 15, 2022 04:24 PM  
**Subject :** Re: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21 2 attachments  
**To :** sriraj <sriraj@powergrid.in>, nmkelkar@powergrid.in, tripat m <tripat\_m@powergrid.in>  
**Cc :** Rajaram Maity <rajaram.maity@nspcl.co.in>, Dilip Kumar Tiwari <dk.tiwari@nspcl.co.in>

Dear sir/madam,

The bill of transmission charges deviation for billing period May-21 to Dec-21 sent by you is not matching with the deviation data calculated by us. Deviation in the bill is very high compared with our calculation. Kindly share the calculation sheet of deviation month wise.

Regards  
Amit Kumar  
Sr Manager  
MTP/O&E/Commercial  
mob-9425293525

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**From:** "sriraj" <sriraj@powergrid.in>  
**To:** "Amit Kumar" <amitkumar@nspcl.co.in>  
**Sent:** Thursday, February 24, 2022 9:52:18 AM  
**Subject:** FW: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21

Dear Sir/Madam,

Please find attached the Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21

भवदीय

श्रीराज वी आर / Sriraj V R  
मुख्य प्रबन्धक (वाणिज्य) / Chief Manager (Commercial)  
पावरग्रिड प क्षे 1, नागपुर / POWERGRID, WR-I, Nagpur

ANNX-II

Zimbra

rajaram.maity@nspcl.co.in

**RE: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21****From :** Sriraj V R {श्रीराज वी.आर.} <sriraj@powergrid.in>

Tue, Mar 15, 2022 05:13 PM

**Subject :** RE: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21

11 attachments

**To :** Amit Kumar <amitkumar@nspcl.co.in>**Cc :** Rajaram Maity <rajaram.maity@nspcl.co.in>, Dilip Kumar Tiwari <dk.tiwari@nspcl.co.in>, Nishikant Manohar Kelkar {एन.एम. केलकर} <nmkelkar@powergrid.in>, Manoj Kumar Tripathi {मनोज कुमार त्रिपाठी} <tripat\_m@powergrid.in>

Dear Sir,

The Bill 3 has been prepared by CTU as per the RTDA issued by WRPC, which are available at their web portal. The relevant RTDAs statements are attached for kind reference. The excel files of RTDA data may pls be downloaded from [http://www.wrpc.gov.in/COMMERCIAL\\_RTD.ASP?In=e](http://www.wrpc.gov.in/COMMERCIAL_RTD.ASP?In=e)

Regards

भवदीय

श्रीराज वी आर / Sriraj V R  
मुख्य प्रबन्धक (वाणिज्य) / Chief Manager (Commercial)  
पावरग्रिड प क्षेत्र 1, नागपुर / POWERGRID, WR-I, Nagpur  
Mob : +91 9403770249



ANNX -II

Zimbra

rajaram.maity@nspcl.co.in

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**Re: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21**

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**From :** Amit Kumar <amitkumar@nspcl.co.in>

Tue, Apr 19, 2022 11:39 AM

**Subject :** Re: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21 11 attachments**To :** deepakceamop <deepakceamop@gmail.com>, comml-wrpc <comml-wrpc@nic.in>**Cc :** Rajaram Maity <rajaram.maity@nspcl.co.in>, Dilip Kumar Tiwari <dk.tiwari@nspcl.co.in>, nmkelkar <nmkelkar@powergrid.in>, tripat <tripat\_m@powergrid.in>, sriraj <sriraj@powergrid.in>

Dear sir/madam,

This is to bring to your kind attention the flaws/discrepancy in calculation methodology of Bill 3 of NSPCL from July 21 to Feb 2022. NSPCL has got 4 lines of 220 KV connected to SAL BSP and 2 lines of 400 KV connected to PGCIL for power evacuation. The proportion of power flow through 220 KV lines or 400 KV lines is not in our control. This depends on grid configuration/connection. The quantum of total power being fed is only in our control, which we do by controlling our generation as per schedule.

In the present adopted methodology, power flow through 400 KV lines is only considered and it is being compared with our LTA +MTOA (170 MW+13.65 MW=183.65 MW) for calculation of over injection. This does not seem logical. Pro Rota basis calculation would be more rational. Kindly look into the matter. Calculation sheets has been attached for your kind reference.

Regards  
Amit Kumar  
Sr Manager  
MTP/O&E/Commercial  
mob-9425293525

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**From:** "sriraj" <sriraj@powergrid.in>**To:** "Amit Kumar" <amitkumar@nspcl.co.in>**Cc:** "Rajaram Maity" <rajaram.maity@nspcl.co.in>, "Dilip Kumar Tiwari" <dk.tiwari@nspcl.co.in>, "nmkelkar" <nmkelkar@powergrid.in>, "tripat" <tripat\_m@powergrid.in>**Sent:** Tuesday, March 15, 2022 5:13:39 PM**Subject:** RE: Bill 3 - Transmission charges deviation bill for billing period May-21 to

Zimbra

ANNX III

rajaram.maity@nspcl.co.in

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**Fwd: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21**

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**From :** Amit Kumar <amitkumar@nspcl.co.in> Tue, Apr 26, 2022 02:32 PM  
**Subject :** Fwd: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21 7 attachments  
**To :** Rajaram Maity <rajaram.maity@nspcl.co.in>, Dilip Kumar Tiwari <dk.tiwari@nspcl.co.in>

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**From:** "comml-wrpc" <comml-wrpc@nic.in>  
**To:** "Amit Kumar" <amitkumar@nspcl.co.in>  
**Sent:** Thursday, April 21, 2022 3:58:52 PM  
**Subject:** Re: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21

Sir,

Please refer to your trailing email in which you have given details about the Lines connected to NSPCL and requested for pro-rata basis calculation of the Regional Transmission Deviation(RTD) Charges for the NSPCL. RTD is arrived at by comparing the injection of Generator into ISTS System and its contracts for usage of ISTS network. NSPCL is connected to ISTS Network through 400 kV NSPCL - Raipur 1 & 2 which are ISTS lines. As per the sharing regulation, the NPSCL injection through its Raipur Lines is compared to the quantum of LTA + MTOA + STOA + Power Exchange in every time block. The deviation thus arrived is used for the calculation of Deviation amount. The methodology of computation of the deviation is as per the regulations.

Regards  
Commercial Division

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**From:** amitkumar@nspcl.co.in  
**To:** deepakceamop@gmail.com, "comml wrpc comml wrpc" <comml-wrpc@nic.in>  
**Cc:** "rajaram maity" <rajaram.maity@nspcl.co.in>, "dk tiwari" <dk.tiwari@nspcl.co.in>, nmkelkar@powergrid.in, "tripat m" <tripat\_m@powergrid.in>, sriraj@powergrid.in  
**Sent:** Tuesday, April 19, 2022 11:39:04 AM  
**Subject:** Re: Bill 3 - Transmission charges deviation bill for billing period May-21 to Dec-21 and differential bill for Nov-20 to Apr-21

ANNX IV

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड  
CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED  
(Wholly Owned Subsidiary of Power Grid Corporation of India Limited)  
(A Government of India Enterprise)

(WITHOUT PREJUDICE)

Ref: CTUIL/ NSPCL Bhilai / Bill4/2022/7

Dtd : 05.05.2022

Chief General Manager (Commercial)  
NSPCL Bhilai , NTPC-SAIL Power Company  
Private Limited Bhilai, Expansion Project ,  
Near Purena Bhilai - East, Durg Dt., 490021  
Chhattisgarh

**Sub: Outstanding dues against Deviation Transmission Charges of NSPCL Bhilai**

Sir,

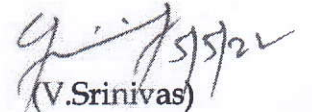
We invite your kind attention to the liquidation of outstanding dues by NSPCL Bhilai towards the deviation transmission charges.

As on date, the Deviation transmission charges dues (raised under Bill4/Third Bill) of NSPCL Bhilai stand at Rs 1.38 Cr. which already has crossed more than 45 days.

Your personal intervention is solicited in the matter so that all the deviation transmission charges dues >45 days as mentioned above may be liquidated by 12.05.2022, else, CTU will be constrained to take regulatory action as per the provisions of CERC Regulations/orders.

Thanking you,

Yours faithfully,  
For & on behalf of CTUIL



Chief General Manager (Commercial)

1. Member Secretary, WRPC, Mumbai
2. Executive Director, WRLDC, POSOCO, Mumbai
3. Sr. General Manager (Commercial), WR 1, POWERGRID, Nagpur

ANNX IV

Zimbra

rajaram.maity@nspcl.co.in

**FW: Liquidation of outstanding dues against Deviation Transmission charges****From :** Sriraj V R {श्रीराज वी.आर.} <sriraj@powergrid.in>

Fri, May 06, 2022 12:13 PM

**Subject :** FW: Liquidation of outstanding dues against Deviation Transmission charges

3 attachments

**To :** CTUBCD <ctubcd@powergrid.co.in>, Deepak Kumar Verma {दीपक कुमार वर्मा} <deepakkumarverma@powergrid.in>**Cc :** V Srinivas {वी. श्रीनिवास} <vsrinivas@powergrid.in>, Nishikant Manohar Kelkar {एन.एम. केलकर} <nmkelkar@powergrid.in>, Manoj Kumar Tripathi {मनोज कुमार त्रिपाठी} <tripat\_m@powergrid.in>, amitkumar@nspcl.co.in, rajaram maity <rajaram.maity@nspcl.co.in>

Dear Sir,

In reference to the letter dated 05.05.2022 regarding liquidation of outstanding dues of M/s NSPCL Bhilai, please find the trailing email received from NSPCL.

Also copy of email dt 19.04.2022 from NSPCL to WRPC for revision of RTDAs is also attached for kind reference pls.

भवदीय

श्रीराज वी आर / Sriraj V R  
मुख्य प्रबन्धक (वाणिज्य) / Chief Manager (Commercial)  
पावरग्रिड प क्षेत्र 1, नागपुर / POWERGRID, WR-I, Nagpur



ANNX IV

**From:** Amit Kumar <amitkumar@nspcl.co.in>  
**Sent:** Friday, May 06, 2022 12:02  
**To:** Sriraj V R {श्रीराज वी.आर.} <sriraj@powergrid.in>  
**Cc:** Rajaram Maity <rajaram.maity@nspcl.co.in>; Dilip Kumar Tiwari <dk.tiwari@nspcl.co.in>; comml-wrpc <comm1-wrpc@nic.in>  
**Subject:** Re: Liquidation of outstanding dues against Deviation Transmission charges

**Warning:** This email has not originated from POWERGRID. Do not click on attachment or links unless sender is reliable. Malware/ Viruses can be easily transmitted via email.

Dear sir/madam,

With reference to your letter dated 05.05.2022, this is to inform you that we have requested WRPC for revision of RTDA bills as there are certain discrepancies in its calculation. WRPC has also acknowledged the issue. NSPCL will pay the RTDA bill as soon as WRPC resolves the issue and issues revised RTDA bill.

Thanks and regards  
Amit Kumar  
Sr Manager  
MTP/O&E/Comml  
NSPCL, Bhilai  
Mob-9425293525

**From:** "sriraj" <sriraj@powergrid.in>  
**To:** "Amit Kumar" <amitkumar@nspcl.co.in>, "Rajaram Maity" <rajaram.maity@nspcl.co.in>  
**Sent:** Friday, 6 May, 2022 09:56:53  
**Subject:** Liquidation of outstanding dues against Deviation Transmission charges

Dear Sir,

Please find attached letter dated 05.05.2022 from CTUIL regarding liquidation of outstanding dues against Deviation Transmission charges

भवदीय

श्रीराज वी आर / Sriraj V R  
मुख्य प्रबन्धक (वाणिज्य) / Chief Manager (Commercial)  
पावरग्रिड प क्षे 1, नागपुर / POWERGRID, WR-I, Nagpur

