



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/210/वाउस(44)/2022/1505-1548

दिनांक: 09.02.2022

सेवा में / To,

Members of Commercial Sub-Committee
वाणिज्यिक उप समिति के सभी सदस्य

विषय: वाणिज्यिक उप-समिति की 44^{वीं} बैठक की कार्यसूची।

Subject: 44th meeting of Commercial Sub-committee – Agenda.

इस कार्यालय के पत्र दिनांक 14.01.2022 के क्रम में यह सूचित किया जाता है कि उत्तर क्षेत्रीय विद्युत समिति की वाणिज्यिक उप समिति की 44^{वीं} बैठक दिनांक 14.02.2022 को 11:00 बजे से वेब-एक्स विडियो कॉन्फ्रेंसिंग के माध्यम से आयोजित की जाएगी। बैठक की कार्यसूची आपकी सूचना एवं आवश्यक कार्यवाही हेतु संलग्न है। बैठक का लिंक एवं पासवर्ड नियत समय पर ईमेल द्वारा उपलब्ध करा दिया जायेगा।

In continuation of NRPC letter of even no. dated 14.01.2022, it is intimated that the 44th meeting of Commercial Sub-Committee of NRPC will be held on 14.02.2022 at 11:00 AM via web-ex video conferencing. The agenda for the meeting is enclosed herewith for your information and necessary action. The link and password for joining the meeting would be send in due course of time to the respective email-ids.

-sd-

(सौमित्र मजूमदार)

अधीक्षण अभियंता

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AGENDA

FOR

44th MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC

ITEM-1 Confirmation of Minutes of 43rd Meeting of Commercial Sub Committee of NRPC

- 1.1 The minutes of 43rd meeting of Commercial Sub-committee held on 13th April, 2021 were issued vide letter No. NRPC/Comml/210/CSC(43)/2021/4772-4815 dated 26th May, 2021. Subsequently, a meeting was held on 09th July 2021 to discuss the billing issue of Parbati-III, wherein the following changes were made in the minutes of 43rd CSC against Agenda Item 24 (**Annexure 1**):

Para:

“Sub-committee urged NHPC to raise energy bill on monthly basis in line with Tariff regulations. For Parbati-III present billing methodology may be continued till the commissioning of all units of upstream Parbati-II project.”

replaced by:

Para:

"The sub-committee directed NHPC to raise energy bills for all stations, including Parbati-III, on monthly basis as per CERC Tariff Regulations".

- 1.2 Sub-committee may confirm the minutes of 43rd CSC meeting of NRPC.

ITEM-2 Revised Coal Stocking Norms issued by CEA dated 27.11.2021 (Agenda by BRPL)

- 2.1 CEA has revised the coal stocking norms effective 01.04.2022, revised norms are enclosed as **Annexure 2**. The primary reason attributed for revising these norms are stated below:

- i. Current norms of CEA (in days) are uniform throughout the year. However, it is a fact that coal-based generation/consumption as well as coal despatch varies during the course of the year. Further, power plants are not able to maintain high stock during rainy season due to less coal despatch by coal companies. Therefore, there is a need to revise the present coal stocking norms of CEA to bring it in line with month-wise coal despatch and coal consumption trends during various months in a year.
- ii. Current Coal Stocking norms are advisory in nature. Therefore, the power plants generally do not maintain coal stock as per norms.

- 2.2 As per revised norms the coal stock requirement for each month for both pithead and non-pithead stations have been defined as per following table:

Month	Coal Stock to be maintained by the power plant during the month (in no. of days)	
	PITHEAD (N1)	NON-PITHEAD (N2)
April	17	26
May	17	26
June	17	26
July	14	22
August	13	21
September	12	20
October	13	21
November	14	22
December	15	23
January	16	24
February	17	26
March	17	26

2.3 The new norms also prescribe the penal provisions in case of noncompliance and prescribed penalties are as below:

- **In case of Plants designed for Domestic Coal** - If the plants availability is reduced by 5% or more on quarterly basis due to inadequate coal stock, then the plants FC will be reduced by 1.2 times the shortfall percentage.
- **In case of Plants designed for Imported Coal** -
 1. If 5% or more on quarterly basis due to inadequate coal stock reduce the plants availability, then the plants FC will be reduced by 1.5 times the shortfall percentage.
 2. If 25% or more on quarterly basis due to inadequate coal stock reduce the plants availability, then the plants FC will be reduced by 2 times the shortfall percentage.

2.4 In view of the introduction of new norms with penal provisions which requires the tracking of the coal stock & computation & levy of penalties in case of default, BRPL requests NRPC support in:

- Tracking & maintaining coal stock details of thermal plants and which can also be available online on its website.
- Incorporate the plant wise fuel stock maintained/defaults details in monthly REAs.
- Incorporate the reduction in plant availability on account low coal stock maintained by plants and state the plant wise fixed cost penalty in the REAs itself to enable timely levy of penalties.

ITEM-3 Revision of Long-Term Access Quantum from Mejia unit 6 to Delhi (Agenda by BRPL)

- 3.1 Matter of Revision of Long-Term Access Quantum from Mejia unit #6 to Delhi was also discussed in 43rd (item-21) and 42nd NRPC Commercial Sub-committee meeting. As per the minutes, the sub-committee urged CTU to look into the matter of LTA quantum of Mejia-6 and submit revised LTA figures so that RTA accounts can be revised accordingly. The relevant extract of MOM is given below for reference:

“21.3 Representative of NRLDC stated that NLDC has informed that they are not getting percentage allocation from ERPC for Mejia-6, but LTA figures directly from CTU. Hence, they are not reducing auxiliary consumption for the said plant.

21.4 The sub-committee urged CTU to look into the matter of LTA quantum of Mejia-6 and submit revised LTA figures so that RTA accounts can be revised accordingly.”

- 3.2 As CERC in its Order dated 08.03.2019 in Petition no 92/MP/2015 has ordered that relinquishment of LTA on a/c of Auxiliary Consumption shall not require payment of compensation payable towards such relinquishment. BRPL had requested NRPC vide letter no HOD(PMG)/2019-20/356 dated 07.01.2020 to revise Delhi's Long Term Access quantum from Mejia unit 6 by considering auxiliary consumption and make necessary changes in Regional Transmission Accounts. Matter has already been discussed in previous two NRPC meetings.
- 3.3 Further, this power is allocated by MOP and as per Sharing Regulations 2020, the quantum of LTA for all MOP allocated power is taken at Ex-bus of stations for computation of CTUIL charges except Mejia Unit#6.
- 3.4 BRPL requests NRPC to issue necessary direction for revision of the LTA quantum of Mejia unit 6 after considering auxiliary consumption and for revision RTAs of post CERC order.

ITEM-4 Default in payment of outstanding dues and surcharge by beneficiaries

SJVNL

- 4.1 The outstanding dues of JKPCL to SJVN as on 21-01-2022 is Rs 553.74 Crore towards the energy being supplied from NJHPS & RHPS.
- 4.2 The Jammu Kashmir Power Corporation Limited (JKPCL) have not cleared their outstanding dues inspite of repeated requests and follow ups. This is seriously affecting the cash flow of SJVN and would also hamper the MOU targets assigned by MOP, GOI.

POWERGRID

- 4.3 There is an outstanding due beyond 45 days against the beneficiaries as per following details:

Outstanding as on 25.01.2022 (Amount in Rs Crore)			
Sl.No	DIC	Total Dues	Dues >45 days
1	Jammu and Kashmir	1388.3	1307.09
2	JDVVN	104.27	50.8
3	NDMC*	45.45	42.01
4	PTCUL**	1.83	1.3
5	NHPTL	0.64	0.64
6	NORTHERN RAILWAY	0.76	0.31
7	Himachal Pradesh	44.19	0.03
8	UPPTCL***	47.20	46.66
9	TRN****	17.42	17.42
10	Jammu and Kashmir	1388.3	1466.26

* NDMC has not been acknowledging transmission bills raised from Jan'21. As per NDMC, since PPA from NTPC Dadri-I was expired on Nov'2020, transmission/ULDC charges are not applicable to them after Nov'20.

** PTCUL is not paying against bilateral bill for 04 Nos. 220 kV bays at Dehradun Sub-station under NRSS-XVIII Scheme in Northern Region. Outstanding letter sent but no response from PTCUL.

*** UPPTCL has not paid since December 2019 against downstream network for Bagpat and Shahjahanpur S/S/

**** Pending from one year approximately.

- 4.4 All the beneficiaries required to clear pending dues on urgent basis:

ITEM-5 Opening of Letter of Credit (LC)

- 5.1 **SJVN-** Non-opening of Letter of Credit by JKPCCL (formally PDD, J&K) for power supplied from NJHPS & RHPS:

As per terms of mutually signed Power Purchase Agreement and order dated 28.06.2019 issued by Ministry of Power, Beneficiary is to submit a confirmed, revolving, irrevocable Letter of Credit in favour of SJVN for an amount equivalent to 105% of average monthly billing of preceding 12 months with appropriate bank as mutually acceptable to parties. The LC shall be kept valid at all the time during the validity of the Power Purchase Agreement. In spite of repeated reminders, Power Development Department of J&K had not renewed their Letter of Credit after 13.11.2019 for power supplied from NJHPS and RHPS. As such Power Development Department of J&K may be advised to submit Letter of Credit in favour of SJVN.

- 5.2 **POWERGRID-** BRPL and BYPL have not opened LC since March 2015 and Sept. 2016 respectively despite of repeated requests and reminders. (As on date, 46 reminders have been sent to BRPL and 28 reminders

have been sent to BYPL). To comply with regulations, BRPL and BYPL are required to open LC of amount as follows:

BRPL (in crore)	POC	141.05
	Non POC	0.06
BYPL (in crore)	POC	80.05
	Non POC	0.03

ITEM-6 Payment of Energy Bills for the month of April to May'2020 during lock down period and short payment against arrear of tariff bills as per CERC order dated 26.11.2019 by PSPCL (Agenda by PPCL)

6.1 Payment of Energy Bills for the month of April to May'2020 during locked period:

The payment for power supply from PPS-III Bawana for the period from April 2020 to May 2020 has not been made by PSPCL. PPCL has written various letters dated 06.04.2020, 06.05.2020, 15.07.2020 and 01.09.2020 requesting PSPCL for release of payment. However, nothing has been done PSPCL. The detail of outstanding along with surcharge is as under:

Sl. No.	Month	Bill Amount (Rs.)	Bill Date	Paid Amount (Rs.)	Payment Date	Balance (in Rs.)
1	April'2020	14,19,90,503/-				
a)	Fixed Cost	10,91,54,367/-	08.05.20	60,292	04.07.20	14,19,30,211
b)	Variable Cost	3,27,75,844/-				
c)	NRLDC Charges	60,292/-				
2	May'2020	14,30,84,986/-				
a)	Fixed Cost	10,91,54,367/-	08.06.20	5,57,56,652	24.07.20	8,73,28,334
b)	Variable Cost	3,38,70,338/-				
c)	NRLDC Charges	60,281/-				

6.2 Short Payment against arrear of tariff bills raised in accordance with CERC order dated 26.11.2019:

The energy bills of PPS-III were revised on account of Tariff for the period 2014-19 as per CERC Tariff Order dated 26.11.2019 in Petition No.

221/GT/2015. Accordingly, the arrear bills raised and included following items:

- a. Difference of AFC billed and AFC given in Tariff order dated 26.11.2019 with carrying cost.
- b. Reimbursement of Tariff determination fee paid to CERC for the period 2014-15 to 2019-20 with carrying cost.
- c. Publication expenses of tariff petition in newspapers with carrying cost.

The details are as per following:

Sl. No.	Instalment	Instal. Date	Bill Amount (Rs.)	Payment (Rs.)	Payment Date	Short Balance (Rs.)
1	1 st Instalment	24.12.19	38,44,90,905/-	38,14,99,917/-	07.02.20	29,90,988/-
2	2 nd Instalment	24.01.20	38,48,93,125/-	38,19,02,137/-	09.03.20	29,90,988/-
3	3 rd Instalment	25.02.20	38,46,92,015/-	38,17,01,027/-	15.04.20	29,90,988/-

6.3 In addition to above principal amount Late Payment Surcharge Rs. 13,74,94,052 is also due as on 24.01.2022 due to non-payment and delay in payment of various Energy Bills by PSPCL.

6.4 In this regard, it is no mention that the Clause-6.1.8 of power purchase agreement signed on 24.09.2008 has following provisions:

“Rebate and Surcharge: Rebate and Surcharge on the payment of bills shall be as per CERC regulations, as applicable from time to time; or as decided by the Seller, which would not be inferior to that of the CERC Regulations. The rebate under CERC regulations for the period 2004-09 is 2% on payment through LC on presentation of bills.”

Accordingly, overdue amount beyond Forty-five days attracts surcharge as per CERC Regulation.

6.5 PPCL has requested the members of Commercial sub-Committee to deliberate the issue and impress upon PSPCL to make the payment of accumulated surcharge and ensure timely payment of future energy bills without any delay to avoid surcharge

ITEM-7 Grant of Inter State Trading Licence by CERC to SJVN (Agenda by SJVN)

7.1 SJVN has informed that they have been granted Inter State Trading Licence of Category-1 by CERC through their order dated 10.01.2022 against petition No. 165/TD/2021.

7.2 **Members may kindly take note.**

ITEM-8 Consent for Purchase of Power Solar Power Projects under Central Public Sector Undertaking (CPSU) Scheme (Agenda by SJVN):

- 8.1 With regard to Govt. of India's target of 450 Gigawatt (GW) RE capacity by 2030, SJVN is exploring various possibilities to set up Renewable Power Projects through participation in Competitive Bidding Process.
- 8.2 Presently, IREDA has invited proposals for setting up of Grid Connected Solar PV projects anywhere in India on "Build Own Operate" (B-O-O) basis for an aggregate capacity of 5,000 MW under CPSU Scheme Phase-II (Tranche-III).
- 8.3 Brief Details of CPSU Scheme are as following:
- Eligible Organizations: Government Producers (PSUs/ Govt. Orgns.) which are under administrative control or have 50% shareholding of Central / State Govt.
 - Usage of solar power: Power produced by the Government Producers can be used for self-use or use by Government/ Government entities, either directly or through DISCOMS on payment of mutually agreed usage charges of not more than Rs 2.45 /unit, which shall be exclusive of any other third party charges like wheeling and transmission charges and losses, point of connection charges and losses, cross-subsidy surcharge, State Load Dispatch Centre (SLDC)/ Regional Load Dispatch Centre (RLDC) charges, etc. as may be applicable.
 - Project Competition Period- 36 months from the date of issuance of LoA.
- 8.4 For the same, SJVN offers 850 MW of Power to DISCOMS from the Solar Power Projects to be developed under this scheme at the rate of Rs. 2.45/kWh at Ex- Bus bar.
- 8.5 SJVN has requested NRPC members to deliberate and offer their consent to participate in above CPSU Scheme.

ITEM-9 Applicability of Intra-State transmission charges (STU charges) for the capacity of generating units of ISGS embedded in state transmission system of Uttar Pradesh (UP) (Agenda by UPPTCL):

- 9.1 The capacity of generating units of shared projects, as mentioned below in Table-1, and central sector generating project, as mentioned below in Table-2, is being handled only by transmission lines of UPPTCL.

Table-1					
Sl. No.	ISGS	State in which plants is embedded	State other than UP whose entities have share in the plant	Share (In %)	Share (In MW)
1	Rihand Hydro	UP	MP	13.75	41.25
2	Matatila	UP	MP	45	13.75
3	Khara	UP	HP	20	14.4
4	Vishnu Prayag	UP	Uttarakhand	12	60
5	Alaknanda	UP	Uttarakhand	12	40

Table-2					
Sl. No.	ISGS	State in which plants is embedded	State other than UP whose entities have share in the plant	Share (In %)	Share (In MW)
1	NAPP (440MW)	UP	Chandigarh	2.27	9.99
			Delhi	10.68	46.99
			Haryana	6.36	27.98
			HP	3.18	13.99
			J&K	17.03	74.93
			Punjab	11.59	51.00
			Rajasthan	10	44.00
			Uttarakhand	5.58	24.55
2	TANDA-II (2x660MW)	UP	MP	0.24	1.06
			Chandigarh	0.505	6.67
			HP	0.140	1.85
			J&K	6.206	81.92
			Punjab	0.330	4.36
			Rajasthan	12.354	163.07
			Uttarakhand	3.062	40.42
			MP	0.160	2.11
Gujrat	3.339	44.07			

- 9.2 Considering the evacuation of power from these generating units only by the Intra-State transmission system of UP and further delivery of share to other State beneficiaries through ISTS system, it is to apprise that in addition to ISTS Tr. charges, Intra-State Tr. Charges of UP are also applicable. Therefore, beneficiaries would also be liable for payment of same.
- 9.3 In this context, it is to inform that in case of Tanda Stage-II TPS (2x 660 MW), a central sector (NTPC) generating project, considering the inter-State long term transactions of the States other than UP on the basis of firm share, CTU have granted and regularized the inter-State LTA for the share (356.78 MW) of States other than UP vide LTA intimation C/CTU/N/07/1200000954 dated 17.01.2019 wherein it has been also intimated that in addition to applicable ISTS charges, NTPC/beneficiaries would also be liable for payment of Intra-State transmission charges of

UP, as applicable. Accordingly, states other than UP whose entities have share in Tanda Stage-II TPS are paying Intra-State transmission charges of UP to UPSTU.

- 9.4 In view, states other than UP should be liable for payment of Intra-state transmission charge of UP for their share in such ISGS other than Tanda Stage-II as mentioned in Table-1 & 2. Members may be agreed for the same.
- 9.5 Further, LTA intimation in such cases may be issued by CTU for procedural modalities considering the regularization of these deemed inter-State LTA.

ITEM-10 Issue regarding implementation of ISTS charges & losses for generating capacity being scheduled and energy accounted by RLDC and having ISTS for drawl of energy by UPPCL (Agenda by UPPTCL)

- 10.1 Under the Sharing Regulation 2010 regime, transmission charges were allocated based on usage of the transmission assets by the entities to draw their allocated power and independent of the LTA quantum excepting the reliability support charges and HVDC charges, In contrary, the new Sharing Regulations 2020 allocates the charges based on LTA+MTOA quantum irrespective of usage of the ISTS assets except a small portion under usage based component.
- 10.2 In this connection, it is observed from the notification of NLDC for transmission charges allocation for the billing month of January, 2021 that the total LTA+MTOA considered for UPPCL is 11632 MW In this regard, it is to be mentioned that the total LTA quantum considered for computation includes the quantum allocated to UPPCL from Narora Atomic Power Station (NAPS), UCH-I, UCH-II, UCH-III, Tanda II TPS and Rosa Power as detailed below:

Sl. No	Description	NAPS		UCH stage-1 (MW)		UCH- stage II- (MW)		UCH- stage III- (MW)		Tanda- II (MW)		Rosa Power	
		Beneficiary	Allocation in MW	LTA in MW	Allocation in MW	LTA in MW	Allocation in MW	LTA in MW	Allocation in MW	LTA in MW	Allocation in MW	LTA in MW	Allocation in MW
1	UPPCL	145.51	147.8	254.86	232.8	144.23	132.8	70.56	65.6	975.53	925.4	300	300
2	Punjab	50.99	45	0,67	0.6	62.08	56	18.02	16.4	4.36	41	NIL	0
3	Haryana	27.98	24.7	11.00	10	23.02	20.8	11.99	11	0	0	NIL	0
4	Rajasthan	44	38.9	31.42	28.7	73.88	66.7	40.66	37	163.07	153.7	NIL	0
5	Delhi	46.99	41.5	23.98	21.9	47	42.3	29.00	26.4	0	0	NIL	
6	J & K	74.93	46.8	15.88	13.6	35.95	29.8	15.92	13.1	81.92	71.1	NIL	
7	Uttarakhand	24.55	19.2	36.37	33	16.30	14,3	13.59	12.1	40.42	37.3	NIL	
8	Himanchal Pradesh	13.99	114	7.27	6.6	12.85	11.6	8.4	7.7	1.85	1.7	NIL	0
9	Chandigarh	9.99	11.2	2.23	2.1	3.70	3.7	1.37	1.4	6.67	7.1	NIL	
	TOTAL	438.93	387.5	383.68	349.3	419.01	378	209.51	190.7	1273.82	1200.4	300	300

- 10.3 It is ascertained that a quantum of 1804 MW (NAPP -147.8 MW + UCH stage 1 - 232.8 MW and UCH stage II - 132.8 MW, UCH stage III - 65.6 MW, Tanda stage - II 925.4 MW and Rosa Power-300.0 MW) of LTA has been included in computation of transmission charges for the power drawl from NAPP, UCH TPS Stages I, II & III, Tanda -II TPS & Rosa Power by UPPCL. However, it is to be stated that only UPPTCL network is being used/sufficient for drawl of share of power of UPPCL from these stations and ISTS network is not used for the same. The details of UPPTCL network owned, operated and maintained by UPPTCL being used for drawl of power are furnished below:

UPPTCL Transmission lines used for evacuation of power from NAPP

- a) 220 KV Napp- Sambhal Line
- b) 220 KV Napp- Simbholi Line
- c) 220 KV Napp- Atrauli Line
- d) 220 KV Napp- Khurja Line
- e) 220 KV Napp- Dehal Line

UPPTCL Transmission lines used for evacuation of power from UCH TPS stage I, II & III (UPPCL share)

- a) 220 KV Unchahar- Raibareilly (PG) ckt.- I & II
- b) 220 KV Unchahar- Fatehpur ckt- I & II

UPPTCL Transmission lines used for evacuation of power from Tanda stage-II (UPPCL share)

- a) 400 KV Tanda- Sultanpur Line
- b) 400 KV Tanda- Azamgarh Line
- c) 400 KV Tanda- Basti ckt.- I & II
- d) 315 MVA ICT- I & II at Tanda stage-2

UPPTCL Transmission lines used for evacuation of power from Rosa stage-II (UPPCL share)

- a) 400 KV Rosa- Shahjahanpur ckt. I & II
- b) 400 KV Rosa- Badaun ckt. I & II
- c) 200 MVA ICT- I & II at Rosa stage-2

- 10.4 Further, it is also to be mentioned that there is no LTA Agreement between UPPCL and POWERGRID in respect of the above generating stations. Further, UPPTCL lines are only being used for evacuation of 100% power/ UPPCL Share from these stations and no LTA agreement is warranted, inclusion of a quantum of 1804 MW as LTA share of UPPCL for the above stations is incorrect and illogical. This results in disproportionate and unwarranted increase in the transmission charges of UPPCL, while actually the power is evacuated through State network (for state share).

- 10.5 UPPCL is penalized and forced to share the transmission charges of assets on all India basis in proportion to the erroneous quantum of 1804 MW under the New Sharing Regulations 2020. In addition, the All India losses are also shared by UPPCL for this erroneous LTA quantum. This results in irreversible and recurring financial loss to UPPCL.
- 10.6 Hence it is requested that urgent action may be taken to remove the erroneous LTA quantum of 1804 MW attributed to UPPCL in respect of NAPS, UCH-I, UCH-II, UCH-III, Tanda TPS stage II and Rosa-II from the total LTA quantum of UPPCL for the purpose of computation of transmission charges. Further the LTA for the billing month of January 2021, to till date may be revised accordingly and notified immediately.
- 10.7 The above subject matter is being again brought to your kind notice with the humble request that necessary instruction may kindly be issued to CTU at the earliest.

ITEM-11 Refund of Inter-State Transmission charges paid in excess to POWERGRID (Agenda by West Central Railways)

- 11.1 MTOA signed between JITPL and POWERGRID for WCR-Raj(59.24MW) was completed on 19.01.2021 and POWERGRID (CTU) has raised bill for complete month of January, 2021. As per para 9.3 of ITEM-9 of Minutes of 43rd CSC meeting of NRPC, it was decided that overbilled amount after 19.01.2021 would be credited back to WCR but CTUIL raised a second bill for JAN'2021-March'2021of RS. 1319999/- which is also paid by WCR but overbilled amount for period 19.01.2021 to 31.01.2021 is not paid back to WCR in spite of several reminders to release the overbilled amount of WCR after 19.01.2021 to 31.01.2021.

ITEM-12 Request for Provisional and Final REA's for months in FY2005-06, 06-07 & 08

(Agenda by PTC India)

- 12.1 PTC India has requested for PDF Copy for Provisional Regional Energy Accounts (REA) for certain months in FY2005-06, 06-07 & 08, as tabulated below:

Sl. No.	Financial Tear	Provisional REA requested for months
1	FY 2005-06	Apr-05 to Mar-06
2	FY 2006-07	Aug-06, Nov-06, Dec-06, Feb-07 and Mar-07
3	FY 2007-08	Nov-07

- 12.2 Further, PTC India has requested for the PDF Copy for Final Regional Energy Accounts (REA) for certain months in FY2005-06, 06-07 & 08, as tabulated below:

Sl. No.	Financial Year	Final REA requested for months
1	FY 2005-06	Sep-05 and Oct-05
2	FY 2006-07	Apr-06, May-06, June-06, July-06, Aug-06, Sep-06 and Jan-07
3	FY 2007-08	Apr-07, May-07, Aug-07, Sep-07, Nov-07, Dec-07, Jan-08, Feb-08 and Mar-08

(Agenda by NTPC)

- 12.3 NTPC has raised a Bill on DTL in Month of June-21 which pertained to Income Tax for 2003-04 and 2004-05. For verification of the Bill REA is required for the Month of March 2004 and March 2005. DTL has sought this data from SLDC-Delhi and in turn they asked NRPC to provide the data for verification of Bill.
- 12.4 NTPC has requested that in case certified copy is not available, then NRPC may certify (Sign and stamp) the REA data as shared by NTPC (**Annexure 12**).

ITEM-13 Discrepancies in Deviation settlement Account for the period 13.09.2021 to 10.10.2021-issuance of revised DSA (Agenda by HPSEB)

- 13.1 Scrutiny of the DSAs issued by NRPC for the period 13.09.2021 to 10.10.2021 reveals that schedule of HP was inadvertently taken wrong. The statement showing implemented schedule of HP, Uttrakhand, UP and Punjab as issued by NRLDC and schedule taken by NRPC in its weekly DSAs is attached herewith as **Annexure 13.1**. The detail clearly shows that the schedule of HP has been reduced and the schedule of Uttrakhand has been increased substantially for the said period. However, there used to be minor difference between implemented schedule of HP issued by NRLDC and drawl schedule considered by NRPC in its DSAs which is mainly due to the following reasons:
- a) The Schedule of HP from legacy projects is being replaced by the actual generation while preparing DSA.
 - b) The royalty power share of GoHP is replaced by the values based upon actual generation of the projects while preparing DSA.
- 13.2 However, for the period after 13.09.2021, the difference between the schedule as per NRLDC and schedule as per DSA has been substantially increased. Accordingly, HPSEBL took up the matter with SLDC several times vide its letters dated 28.10.2021, 08.11.2021, 16.11.2021 and 23.01.2022 and e-mail dated 05.01.2022. HP SLDC also, took up the matter with NRPC/NRLDC 26.10.2021 (copy placed as **Annexure 13.2**)

and NRPC vide its letter dated 29.10.2021 intimated HPSLDC that the difference is only on account of legacy projects (copy placed as **Annexure 13.3**). However, SLDC vide its letter dated 17.11.2021 denied to the above logic of NRPC with the facts which clearly showed that the implemented scheduled from legacy projects is as close as the schedule calculated from their actual generation data for the period and stressed that the data of legacy projects scheduled to HPSEBL in DSAs may be checked and revised DSAs for the period be issued (copy placed as **Annexure 13.4**). Accordingly, NRPC vide e-mail dated 26.11.2021 has agreed to the contention of HPSEBUHPSLDC and intimated HPSLDC/HPSEBL that there is some discrepancy in the actual injection data of shared projects received from NRLDC during the period 13.09.2021 to 10.10.2021 and DSM accounts for the said period shall be revised in due course after receipt of revised data from NRLDC (copy placed as **Annexure 13.5**).

- 13.3 Even after lapse of more than 50 days, no revision has been issued by NRPC till date. It is therefore requested that NRPC may issue revisions to DSA for the above period at the earliest, as a huge stake of HPSEBL is involved in it.

ITEM-14 Levy of Compensation Charges against spot RLNG and other fuels by NTPC in its bills (Agenda by HPSEB)

- 14.1 In this context it is intimated that NTPC is claiming compensation against spot RLNG fuel in its bills (**Annexure 14.1**). As NTPC request consent from utilities for sourcing spot RLNG power, however as per the last communication from HPSEBL side in this regard, HPSEBL has given its requirement as NIL (**Annexure 14.2**), therefore no such compensation charges shall be applicable on HPSEBL. Matter was also raised to NTPC vide HPSEBL email dated 23.11.2021 (**Annexure 14.3**). However, following was received from NTPC side:

"Arranging fuel and DC declaration is prerogative of Thermal power station. Energy charges are always billed based on SG-Fuel wise which is scheduled by beneficiary and reflected in NR-REA also as fuel wise.

While for part load Compensation distribution, Energy Requisition Details from NR Stations below 85% of Entitlement is not mentioned as per fuel wise in REA, they are always mentioned as per beneficiary wise, so it is not possible to bill part load compensation as per the fuel category".

- 14.2 As REA is issued by NRPC, therefore NRPC may be requested to mention the energy requisition detail fuel-wise.
- 14.3 **Members may like to deliberate.**

ITEM-15 Certification of Open Cycle generation for NTPC Gas stations under RRAS

- 15.1 The issue of certification of open cycle generation for NTPC Gas stations under RRAS was discussed in the 43rd CSC meeting held on 13.04.2021 wherein NRPC Sectt. informed that RRAS accounts from the period of June 2018 to January 2021 would be worked out on the receipt of fuel-wise breakup of open cycle claim under RRAS.
- 15.2 Accordingly, the receivable amount for NTPC for open cycle generation of their plants under RRAS has been calculated and is placed as **Annexure 15** for kind information of the constituents.

ITEM-16 Long pending outstanding dues on account of wheeling charges payable by Delhi DISCOMs (BRPL & BYPL) and Haryana (HPPC) to BBMB (Agenda by BBMB)

- 16.1 The payment on account of wheeling charges for utilization of BBMB transmission system for transmission of Baira Siul power and Central Sector power to Delhi and Haryana is pending since long. The matter regarding outstanding dues was also discussed as an agenda in the 17th & 20th & 25th Commercial Sub Committee meetings of NRPC held on 14.12.2010, 24.08.2011 & 24.12.2013 respectively, wherein it was expressed by Member Secretary, NRPC that decisions of NREB/NRPC needed to be honoured by the constituents. Since no response was forthcoming, the matter was lately discussed in the 42nd meeting of Commercial Sub Committee of NRPC held on 20.05.2020 wherein Representative of Haryana assured to consider the issue. Representative of BYPL & BRPL were not present when the issue was discussed in the said meeting. TPDDL (One of the Delhi DISCOM) has cleared the outstanding dues of BBMB.
- 16.2 Matter has been vigorously pursued with BYPL, BRPL (Delhi DISCOMS) and HPPC (Haryana) but payment has not been received so far. The brief status of outstanding dues is as under:
 - I. Delhi DISCOMs (BRPL & BYPL): Wheeling Charges for use of BBMB transmission system for transmission of Central Sector Power through Samaypur link & supply of Baira Siul Power
 - i) BBMB had been claiming wheeling charges from Delhi in respect of following:
 - a) For facilitating Baira Siul power through its transmission system as per Minutes of the 58th meeting of NREB held on 25.2.82 & 81st NREB meeting held on 10.11.1989, w.e.f May-80 (**Annexure-16.1**).

- b) For the utilization of Inter-connecting facilities at 220 KV Samaypur sub-station of BBMB for the transmission of Central Sector Power through 220 KV Samaypur - Ballabgarh-BTPS Ckts. as per the decision of the 87th meeting of NREB held on 19.4.1991, w.e.f November-1987 (**Annexure-16.2**)
- ii) These bills were raised as per the Rate/Quantum of energy mentioned in the monthly REAs of NREB/NRPC issued from time to time.
- iii) Earlier, these bills were raised on DESU/DVB/DTL from time to time and payment on this account was made by these entities.
- iv) After the re-assignment of all PPAs to Delhi Distribution Companies, DTL had stopped making payment w.e.f 1.4.2007 and informed that these bills may be raised to Delhi DISCOMs (BYPL, BRPL & NDPL/TPDDL) as per the clarification of DERC dated 11.12.2007 (**Annexure-16.3**).
- v) Accordingly, BBMB started raising wheeling charges bills on Delhi DISCOMs. However, no payment was forthcoming.
- vi) Matter is vigorously pursued by BBMB with the Delhi DISCOMs for release of pending payment pertaining to wheeling charges. TPDDL (One of the Delhi DISCOM) has cleared the outstanding dues of BBMB.

As on date outstanding dues on account of wheeling of Central Sector Power and Bairasiul power (upto 8/2013 bills) against Delhi DISCOMs are as under:

Sl. No.	Delhi DISCOM	WC on account of Central Sector Power through Samaypur Link	WC on account of Bairasiul Power	Total
1.	M/s BSES Rajdhani Power Ltd., (BRPL)	Rs. 7.01 Lakh	Rs 54.48 Lakh	Rs.61.49 Lakh
2.	M/s BSES Yamuna Power Ltd.,(BYPL)	Rs. 1.03 Lakh	Rs 7.98 Lakh	Rs. 9.01 Lakh

II. Haryana - Wheeling Charges for use of BBMB transmission system for supply of Baira Siul Power to Haryana

Haryana was drawing its allocated share of power from Baira Siul Hydro Electric Project (HEP) of NHPC through BBMB transmission network. Accordingly, BBMB had been raising wheeling charges bills

for use of its transmission system for supply of Baira Siul Power to Haryana as per the decision taken in 58th meeting of NREB held on 25.02.82 (Refer Annexure-I) & and Power Sub-committee meeting of BBMB dated 21.12.83 (**Annexure-16.4**).

It may be brought out that Haryana had made these payments upto June, 2000. However, since July, 2000 no payment on this account is forthcoming despite regular pursuance by BBMB. Non receipt of payments has resulted in accumulation of arrears to the tune of about Rs. 3.33 Crore up to 8/2013 bills

It is pertinent to mention here that these bills were raised strictly as per the monthly Regional Energy Accounts (REAs) issued by NREB/NRPC from time to time & its various decisions and therefore, need to be honoured by the beneficiaries viz. Delhi DISCOMs (BYPL & BRPL), Haryana (HPPC). A copy of the notes on account of Wheeling charges appended with monthly REAs of NRPC is enclosed at **Annexure-16.5** for reference.

It may be brought out that after the implementation of CERC Sharing Regulations 2010, as per the decision taken in 26th TCC & 29th NRPC meetings held on 12/13.09.2013, the concept of levying wheeling charges have been discontinued w.e.f. September, 2013 and BBMB has stopped raising these bills thereafter.

(Agenda by NRLDC)

ITEM-17 Status of DSM Charges

- 17.1 Deviation Pool Account Fund of NR is being maintained & operated by NRLDC, in accordance with the CERC Regulations. As per Regulations 10 (1) of "Deviation Charges Related matters" the payment of charges for Deviation shall have a high priority and the concerned constituents shall pay the indicated amounts within 10 days of issue of statement of Charges for Deviation including Additional Charges for Deviation by the Secretariat of the respective Regional Power Committee in to the "Regional Deviation Pool Account Fund" of the concern region.
- 17.2 DSM Charges payable to pool as on 20th Jan 2022 considering Week no-38 (13-12-2021 to 19-12-2021) is indicated here in below: -

All figures in Rs. Lakhs

Sl. No.	Constituents	Outstanding Amount
1	JAMMU AND KASHMIR	10199.81

2	AYANA RENEWABLE ONE	100.56
3	Adani RERJL	9.54
4	Adani SE4PL	31.82
5	POWERGRID	27.18

- 17.3 No payments were received from JKPCL against Deviation Charges since 30-09-2021.
- 17.4 NRLDC is continuously pursuing & sending regular correspondence to JKPCL for settlement of the long pending outstanding so as to disburse to the receivable entities. Further, JKPCL is requested to make the payments regularly as per the Regulation in order to avoid any further delay payment interest liability.
- 17.5 NRLDC also intimated Ayana Renewable One, Adani RERJL, Adani SE4PL & POWERGRID for settlement of the outstanding against deviation charges. Copy of latest communication done with JKPCL attached as **Annexure 17**.
- 17.6 **Members may kindly deliberate.**

ITEM-18 Submission of Bank Account details for Disbursement of payments of Pool Accounts

- 18.1 As per Sub proviso (3) of clause 10 of Central Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) Regulations, 2014, "All payments to the entities entitled to receive any amount on account of charges for Deviation shall be made within 2 working days of receipt of the payments in the "Regional Deviation Pool Account Fund" of the concerned region".
- 18.2 Even after several requests from NRLDC for submission of Bank Account details to Chandigarh & Railways for enabling electronic mode of payments from the pool accounts, the same is still awaited. As of now, the payment from various pool accounts is being made through cheque to Chandigarh & Railways.
- 18.3 Chandigarh & Railways is requested to submit the bank account details at the earliest for enabling electronic mode of payments from the pool accounts.
- 18.4 The issue was also deliberated in the 42nd CSC meeting held on 20-05-2020, vide minutes of the meeting Dt: 03-06-2020, the committee advised the entities to provide the details at the earliest.
- 18.5 The same was also deliberated in 48th NRPC meeting held on 2nd Sep 2020 where in vide MOM Dt: 20/11/2020, TCC/NRPC advised UT of Chandigarh and Railways to take urgent action for providing bank account

details for disbursement from Pool Accounts since it is in the interest of UT of Chandigarh and Railways.

- 18.6 As bank account details were not submitted by both the entities, the issue was again deliberated in the 43rd CSC meeting where in vide MOM dt:26/05/2021, the sub-committee requested Chandigarh & Railways to provide bank account details in order to get the timely payments from the pool accounts.
- 18.7 Further, NRLDC also vide letter dt. 06-01-2022 requested Chandigarh & Railways to provide the details, however, the same is still awaited.
- 18.8 It is once again requested Chandigarh & Railways to take immediate action in this regard in order to get the timely payments from the pool accounts.

ITEM-19 Status of LC against Deviation Charges delayed payment

- 19.1 The proviso (4) of Regulation 10 of CERC (Deviation Settlement Mechanism and related matter) Regulations, 2014 is quoted below:

“All regional entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional Charges for Deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the concerned RLDC within a fortnight from the date these Regulations come into force.

Provided that –

- (i) if any regional entity fails to make payment of Charges for Deviation including Additional Charges for Deviation by the time specified in these regulations during the current financial year, it shall be required to open a Letter of Credit equal to 110% of weekly outstanding liability in favour of respective Regional Load Despatch Centre within a fortnight from the due date of payment.
- (ii) LC amount shall be increased to 110% of the payable weekly liability for Deviation in any week during the year, if it exceeds the previous LC amount by more than 50%.”

- 19.2 Details of Entities who have not opened the LC for default in payment to deviation pool account during FY 20-21:

Sl. No	Name of NR Pool members	No of defaults in Deviation Payment (20-21)	LC Amount (Rs. in Lakh.)	Status
1	AZURE POWER 43	2	8.97	Not Opened
2	AZURE POWER 34	5	7.96	Not Opened
3	JAMMU & KASHMIR	38	177.86	Not Opened

4	NFL	3	1.14	Not Opened
5	NTPC	1	171.82	Not Opened
6	NTPC SOLAR	3	8.29	Not Opened
7	PUNJAB	11	452.55	Not Opened
8	SCL	1	2.57	Not Opened
9	UTTARAKHAND	9	172.72	Not Opened
10	UTTAR PRADESH	2	487.84	Not Opened

- 19.3 It is requested to all the entities to open the LC in line with the Regulations of CERC. Copy of latest communication attached as **Annexure 19**.

ITEM-20 Reactive Energy charges status

- 20.1 Reactive Energy Charges status as on 20th Jan 2022 considering Week no-38 (13-12-2021 to 19-12-2021) is indicated here in below:

All figures in Rs. Lakhs

Sl. No.	Constituents	Outstanding Amount
1	JAMMU & KASHMIR	2605.64

- 20.2 No payments were received from JKPCL against Reactive Energy Charges since 30-09-2021.
- 20.3 NRLDC is continuously pursuing & sending regular correspondence to JKPCL for settlement of the outstanding so as to disburse to the receivable entities. Further, JKPCL is requested to make the payments regularly as per the Regulation in order to avoid any further delay payment interest liability.
- 20.4 **Members may kindly deliberate.**

ITEM-21 Congestion Charges

- 21.1 Congestion charge statement is being issued by NRPC. The amount received in the congestion charges account was disbursed to the receivable parties.
- 21.2 Outstanding amount against the entities payable to pool as on 20th Jan 2022 is indicated here in below:

Sl. No.	Constituents	Total Outstanding (DPI FY 18-19)
1	Jammu & Kashmir	24179

- 21.3 No payments were received from JKPCL against Congestion Charges since 30-09-2021.

- 21.4 NRLDC is continuously pursuing & sending regular correspondence to JKPCCL for settlement of the outstanding. JKPCCL is requested to clear the long pending outstanding.
- 21.5 **Members may kindly deliberate.**

ITEM-22 Reconciliation of Pool Accounts

- 22.1 A separate web portal poolar.nrlcdc.in has been created in house for reconciliation of pool accounts and all the entities were provided with Username & Password to access the web portal to reconcile the accounts.
- 22.2 Monthly reconciliation statement of the pool accounts is being published through the web portal since April 2020. Reconciliation statement upto December 2021 has been uploaded in the portal.
- 22.3 Reconciliation of pool accounts by Delhi, Punjab & Haryana is pending since beginning of the portal.
- 22.4 In case, reconciliations are not done on time, the same would be considered as deemed reconciled.
- 22.5 All Members of these Pool Accounts are requested to reconcile the statement on monthly basis to avoid any dispute in future. Copy of latest communication attached as **Annexure 22**.

ITEM-23 Status of Ancillary Services

- 23.1 All the RRAS & AGC Accounts issued up to week 38 of FY 21-22 has been settled.
- 23.2 **For information of the members.**

ITEM-24 NRLDC Fee & Charges

- 24.1 NRLDC is raising RLDC Fees and Charges bills to all the users on monthly basis. The bills are also being mailed to all the users on the day of billing through Fees & Charges portal of POSOCO. The bills can also be downloaded from RLDC Fees and Charges portal (<https://fc.posoco.in/FnCWeb>). The users can directly make the payment on this portal and are requested to enter the payment details there itself.
- 24.2 The present status of outstanding against NRLDC Fee & Charges considering the bill of Nov-2021 (due date for which is 15.01.2022) is shown below:

Sl. No.	Entities	Amount Outstanding in Rs.	Remarks
1	JKPCCL/PDD J&K	₹1,73,97,671	Outstanding of Nov-2020 (part payment) and Dec-2020 to Nov-2021 along with surcharge

2	Delhi (NDMC)	₹6,20,614	Outstanding of Dec-2020 to Nov-2021 along with surcharge and excess rebate deduction
3	ACME Chittorgarh Solar Energy Pvt Ltd	₹1,30,373	Outstanding against Nov-2021

24.3 Copy of latest communication with JKPCCL & SLDC Delhi attached as **Annexure 24**

24.4 **Above users are requested to clear the outstanding at the earliest.**

ITEM-25 Reconciliation of NRLDC Fee and charges

25.1 NRLDC vide letter dated 29/10/2021 has sent the reconciliation statements of NRLDC Fee and Charges for the Quarter -2 (Jul-Sep), 2021-22 to all the users. The users were requested to send the duly signed and verified copy of reconciliation statement as a token of acceptance by 22-11-2021. However, reconciliation from below listed users has been received.

S No.	Name of Users	S No.	Name of Users
1	Azure Power India Pvt. Ltd., Bhadla (SPD)	7	UT Chandigarh
2	Azure Power Thirty-four Pvt. Ltd. Bhadla	8	NRSS XXXI (B) Transmission Ltd.
3	Azure Power Forty-Three Private Limited	9	POWERGRID NRTS (+ 6 no. HVDC S/s)
4	Tehri HPS	10	Delhi Buyer (DMRC Ltd.)
5	Koteshwer HPS	11	Delhi (TPDDL)
6	TPREL (Chhayan)	12	NTPC all NR stations (20 No.)

25.2 Entities are requested to verify the Reconciliation statements and send the duly signed copy as a normal practice. In case of non-receipt of any communication within one week from commercial sub-committee meeting, it will be presumed that statement stands reconciled.

ITEM-26 Scheduling, accounting and other treatment of the legacy shared projects in Northern Region

26.1 There are some legacy projects which are considered as deemed LTA Transactions. However, at present there are different treatment for transmission charges and NRLDC fees and charges for different legacy transactions.

Sl. No.	Plant Name	State in which Plant is embedded	State whose entities have share in the plant	Share in %	Share in MW	Transaction ID for Schedule in Inter-state	Category
1	Bawana	Delhi	Haryana	10	137	SH-07	Scheduled under proper Open Access (CTU) Including Tr. Charges Including RLDC Fee & Charges Schedule changes are done ex-ante as per the IEGC
	Bawana	Delhi	Punjab	10	137	SH-06	
	CLP-Jhajjar	Haryana	Delhi	10	124	LT-05	
2	Rihand hydro	UP	MP	13.75	41.25	LT-01	Considered under deemed LTA. (without formal LTA/MTOA issuance by CTU) Tr. charges considered RLDC Fee & Charges not considered. Schedule changes are done ex-ante as per the IEGC
	Matatila	UP	MP	45	13.75	LT-02	
3	Vishnu Prayag	UP	Uttarakhand	12	60	SH-01	Considered under deemed LTA. (without formal LTA/MTOA issuance by CTU) Tr. Charges not considered RLDC Fee & Charges not considered. Schedule changes are done ex-ante as per the IEGC
	Alaknanda	UP	Uttarakhand	12	40	LT-38	
	Rajghat	MP	UP	25	11.25	LT-13	
4	Khara	UP	HP	20	14.4	SH-02	Considered under deemed LTA. (without formal LTA/MTOA issuance by CTU) Tr. Charges not considered RLDC Fee & Charges not considered. Schedule of these transactions are changed post-facto based on actual generation as per legacy.
	RSD	Punjab	HP		22	SH-04	
	Chibro	Uttarakhand	HP	25	60	SH-05	
	Khodri	Uttarakhand	HP	25	30		
	Dhalipur	Uttarakhand	HP	25	12.75		
	Dhakrani	Uttarakhand	HP	25	8.43		
	Kulhal	Uttarakhand	HP	20	6		

26.2 The matter has already been discussed in 40th & 43rd CSC meetings and subsequently in 43rd TCC/46th NRPC, 45th TCC/48th NRPC meeting & 49th NRPC meeting.

- 26.3 As per MoM of 43rd CSC, the representative of NRPC Sectt informed that CERC regulations are being completely followed only in case of Category-1 projects. Hence all legacy projects should also be treated similarly i.e.,
- i. All these transactions wherein specific LTA has not been granted shall be either considered under deemed LTA or specific LTA may be granted by the CTU.
 - ii. The transactions shall be subjected to transmission charges as well as RLDC fee and charges.
 - iii. Revisions in schedules of these transactions should be done ex-ante as applicable to any other transactions under the respective category.
 - iv. Post-facto revisions of some of these transactions which happening today shall be stopped.
- 26.4 All utilities were urged to submit their observations/objections with regard to treatment of Category 2, 3 and 4 projects similar to Category 1 projects which would be placed before TCC/NRPC for discussion and approval.
- 26.5 Further, as per MoM (C.11.5) of 49th NRPC Meeting, the NRPC advised to all the concerned entities for holding bilateral meeting and submit their inputs to NRPC latest by 31/12/2021, so that the issue can be resolved by the next NRPC meeting.

26.6 ***Members may kindly deliberate.***

ITEM-27 Status of Reconciliation STOA charges:

- 27.1 NRLDC has sent the reconciliation statement of open access disbursement for the Quarter-2 of financial year 2021-22 on 22nd Oct 2021 (enclosed as ***Annexure 27***). The applicants/STU/SLDCs were requested to verify /check the reconciliation statement & comment if any on the same by 15th Nov 2021.
- 27.2 Reconciliation statements regarding refund/disbursement of Open access charges is received from the following applicants/STU/SLDC:

S. No.	Name of the Applicant	Date of receiving the signed reconciliation statement
1	PTC India Limited	13, Dec,2021
2	Odissa SLDC	05, Nov,2021
3	Indian Energy Exchange Limited	23, Oct,2021

- 27.3 List of utilities who have not submitted reconciled statement of STOA Disbursement for Q2 of FY 2021-22

Applicants

- Adani Enterprise Ltd
- Arunachal Pradesh Power Corporation Pvt Ltd
- GMR Energy Trading Ltd
- Instinct Infra And Power Ltd.
- ITC LIMITED SAHARANPUR
- Kreate Energy (I) Pvt Ltd
- Manikaran Power Ltd
- NTPC Vidyut Vyapar Nigam Ltd
- Refex Energy Ltd
- Sandhya Hydro Power Projects Balargha Pvt. Ltd.
- SKS Power Generation Chhattisgarh Limited
- Tata Power TCL
- Punjab State Power Corporation Limited
- ITC Sheraton
- ITC Grand Bharat

STU/SLDCs

- UP STU SLDC
- Uttarakhand STU SLDC
- HP STU SLDC
- Haryana STU SLDC
- Jammu STU SLDC
- Manipur STU SLDC
- Rajasthan STU SLDC
- MP STU SLDC
- AP STU SLDC
- Delhi STU SLDC
- Gujarat SLDC
- Maharashtra STU
- Tamil Nadu STU SLDC
- West Bengal STU SLDC
- Telangana STU SLDC
- Karnataka STU SLDC

ITEM-28 Status of Outstanding STOA Delay Payment Interest as on 20th Jan 2022:

28.1 NRLDC is the nodal agency for processing of STOA transaction where point of drawal is located in Northern Region in accordance with CERC Open Access Regulations. However, some of the STOA applicants making delayed payment and therefore accountable for payment of interest charges.

28.2 The status of pending interest amount is as follows:

Name of the applicant	Month	Amount (Rs)
Adani Enterprise Ltd	Dec-21	1635
Adani Solar Energy Four Pvt Ltd	Sep-21, Oct-21, Nov-21	3386
Eden Renewable Cite Private Ltd	Nov-21	115
ITC Mughal Sheraton	Sep-21, Oct-21	6204
Kreate Energy (I) Pvt Ltd	Oct-21	696
Manikaran Power Ltd	Oct-21	1347
SBSR Power Cleantech Eleven	Nov-21	556

Private Limited		
Tata Power TCL	Oct-21	2392
Total		16331

ITEM-29 Status regarding procurement of DCD/Meters

- 29.1 As per requirement assessed by NRLDC around 521 meters and 127 DCD will be required for next 2-3 years. Same was discussed in the 43rd Commercial Sub-Committee Meeting held on 13.04.2021 and the sub-committee stated that since bifurcation of functions of CTU and POWERGRID is still under deliberation, POWERGRID may coordinate with CTU for procurement of Meters/DCDs or procure them on behalf of CTU to avoid any issues regarding first time charging in the future.
- 29.2 Matter was also discussed in 47th TCC-49th NRPC meeting held on 23, 24 & 27 Sep 2021, wherein CTU/POWERGRID confirmed that 260 nos. of meters and 36 nos. of DCDs are in procurement stage.
- 29.3 ***CTU/POWERGRID are requested to intimate the status for procurement.***

ITEM-30 Complete integration of AMR system with IEM in Northern Region

- 30.1 As per IEGC, NRLDC has the mandate to keep accounts of electricity transmitted through the regional grid and same has been carried out and further all concerned entities in whose premises the Interface Energy Meters (IEM) are installed shall take weekly meter readings and transmit them to the respective NRLDC by Tuesday noon for timely submission of metre data to RPC for issuing of weekly account. For smooth transfer of IEM data to NRLDC, a robust and reliable communication system is needed and all the IEM should be integrated through Automatic Meter Reading (AMR). For AMR integration, attempt has already been made at RPC level a decade ago and number of IEM has been integrated with AMR via optical fibre and GPRS in northern region.
- 30.2 As per 13th meeting of TCC and 14th meeting of Northern Regional Power Committee held on 18th & 19th Sep 2009 it was decided that for AMR in Northern Region, CTU being owner of SEM's would be entrusted with the implementation of the scheme.
- 30.3 In Northern Region, AMR is already implemented according to the above meeting but following issues are being observed (***Annexure-30***):
- I. All the meters are not integrated on AMR.
 - II. Some of the Elster Meter data are not received at NRLDC.

III. Some of the meters integrated with AMR system are sending data via GPRS only.

30.4 Above issues were also deliberated in 49th meeting of Northern Regional Power Committee and 47th meeting of TCC held on 23rd, 24th & 27th Sept. 2021. The details are as follows:

- For the issues mentioned at SI No. I: Those IEM whichever is not integrated with AMR system have to be integrated with existing AMR system over secure optical fibre network.
- For the issues at SI No. II: Replacement of Elster Meters (data not received) with IEM compatible with AMR integration is to be installed.
- For issue mentioned at SI No III: Those IEM which are sending data through GPRS, have to be shifted from GPRS to secure optical fibre network. A detail plan and schedule may be given to NRLDC/NRPC.

30.5 The matter was taken up with CTU/POWERGRID and they have communicated in their reply that there is issue in integration of Secure, EDM I & Elster Meter with AMR system.

30.6 So, looking at all for AMR integration of meter, it is advised to replace it with any other meter compatible with present AMR system.

30.7 ***CTU/POWERGRID may please intimate the status.***

ITEM-31 Time drift Correction in IEMS

31.1 NRLDC is regularly uploading the discrepancy report on weekly basis indicating the time drift in meters. All constituents in whose premises the meters are installed need to take corrective action for time correction based on the weekly discrepancy report of NRLDC. Besides uploading of weekly report many times, the NRLDC metering group is also taking up the matter with concerned over telephonically/e-mail also.

31.2 All members in whose premises the meters are installed, are requested to periodically check (at least once in a month) the time drift in meters and send the time drift/ compliance report as per following format:

Location/ Substation	Meter No.	Meter location details	Time as per S/Stn GPS	Time as per meter	Time Drift	Action Taken

ITEM-32 Installation of IEM at Captive Power Plant, NFL & PSPCL Drawl Points (Small feeders)

- 32.1 NFL vide its letter reference no. NFL/NGL/Elect./609/2020/2196 dated 03.12.20 has intimated regarding commissioning of 20 MW Captive Power Plant and start up drawl consumption during pre-commissioning works. Presently NRLDC is calculating the drawl of Punjab and NFL based on the daily data received from BBMB Commercial. However, for energy accounting it is proposed that interface meters of CTU Specifications shall be installed at NFL captive Power Plant and BBMB Load Point. NRLDC has raised the issue regarding installation of interface meters during 40th meeting of Commercial Sub Committee meeting held at NRPC on 12.09.19. During the discussion, it was decided that the interface meters will be installed by CTU at BBMB Load point and CT/CVT will be installed by NFL during AMC of Plant during March/April-19. However, no communication has been received from NFL in this regard. The Sub-committee requested PSPCL to coordinate with CTU & NFL for installation of meters at their drawl points.
- 32.2 A joint meeting with NFL, BBMB & Punjab with NRLDC was done on 25.08.2021 via WebEx video conferencing. It was agreed by BBMB, NFL & PSPCL that they will do the internal meeting and will intimate feasibility of installation for Interface Energy Meter. (Gist of discussion held in the meeting is attached as **Annexure 32**) on small feeders.

ITEM-33 Replacement/Rectification of IEM meters & DCD

- 33.1 NRLDC is regularly taking up the issue for replacement/ rectification of IEM & DCD in Commercial as well as NRPC board meeting. Written communication is also done with CTU for the same. CTU has to ensure that such rectification/replacement is carried out at the earliest to ensure proper energy account. The matter related to delay in replacement of faulty meters was also conveyed in last meeting. However, it has been observed that CTU is taking more than months' time for meter replacement because of which NRLDC has to face problem during data validation and energy accounting.
- 33.2 As on date, the list of meters where corrective actions are required immediately already intimated in our latest communication to POWERGRID (**Annexure 33**).
- 33.3 POWERGRID is requested to kindly ensure timely action for replacement/rectification of IEM and ensure availability of software/DCDs at all interface meter locations within a weeks' time after intimation by NRLDC.

ITEM-34 Nomination of nodal officer for issues related with Interface Energy

Metering and DCD

- 34.1 NRLDC is regularly taking up the matter with all the constituents at various fora but in-spite of repeated follow up only HP, NHPC, BBMB, Rajasthan, Haryana, Punjab, UP, POWERGRID, J&K has given the details of nodal officers. It is again requested to all utilities to share the details of Nodal Officers in the attached format:

Sl. No.	Name of Nodal officer	Postal Address	E mail Address	Contact No
1.				
2.				

ITEM-35 Delay in receipt of Interface Energy Meter data at NRLDC

- 35.1 As per IEGC, NRLDC has the mandate to keep accounts of electricity transmitted through the regional grid and same has been carried out with the receipt of IEM data from entities for years together.
- 35.2 As per Sub-proviso (21) of proviso 4 of Regulation 6 of CERC (Indian Electricity Grid Code) Regulations, 2010 and amendment thereof provides that

[Quote]

“... All concerned entities (in whose premises the Interface Energy Meters are installed) shall take weekly meter readings and transmit them to the respective RLDC by Tuesday noon....”

[Unquote]

- 35.3 As per above provision all regional entities would have to furnish the data within the time limit. NRLDC putting enormous effort in technology front to get the data by Tuesday noon every week and even continuous pursuing over telephone. Further, we have developed a web-based portal (<https://meterdata.nrlc.in/>) for smooth meter data transfer to NRLDC from various locations where AMR is not integrated. Above issue was also deliberated in 49th meeting of Northern Regional Power Committee and 47th meeting of TCC held on 23rd, 24th & 27th September 2021 wherein NRLDC representative requested all constituents to upload IEM data on web-based portal every week by Tuesday noon as per IEGC provision. In spite of repeated follow-up still complete meter data is not received by Tuesday noon. We have started issuing letter from 1st July 2021 to all the defaulter entities regarding status of meter data not received by Tuesday noon (**Annexure 35**). Despite all efforts, at present also about five percentage of meters data are not received timely. Details of delay status for some sample weeks are tabulated below:

Status of Interface Energy Meter (IEM) data received at NRLDC after

Tuesday Noon		
Sl. No.	Week	No of Meters (IEM) data received after Tuesday
1	030122-090122 (Week-41)	72
2	271221-020122 (Week-40)	37
3	201221-261221 (Week-39)	11
4	061221-121221 (Week-38)	47
5	291121-051221 (Week-37)	69
6	221121-281121 (Week-36)	120
7	151121-211121 (Week-35)	157
8	081121-141121 (Week-34)	130
9	011121-071121 (Week-33)	171
10	251021-311021 (Week-32)	142

- 35.4 If IEM data is not received by Tuesday in any week, then only available, IEM data (Check Meter/ Standby meter/other end Meter etc.) at NRLDC will be considered for calculation of energy accounting of the Utilities in the particular week and IEM data received after Tuesday will not be considered for energy accounting in any week.
- 35.5 ***All the concerned (in whose premises IEM are installed) are requested to kindly ensure that IEM data is sent to NRLDC by Tuesday Noon as per IEGC.***

ITEM-36 Checking of Injection and Drawls of Utilities

NRLDC on weekly basis upload the actual injection and drawl of various utilities on <https://nrlc.in/commercial/sem-data>.

- 36.1 As per point no. 36.2 of 33rd NRPC Commercial Sub-Committee meeting minutes dated 13th September, 2017 the "Procedure and Timelines for Freezing of Regulatory Accounts was issued by NRPC Secretariat. The necessary extract from the same is reproduced below:

[Quote]

"3. Any revision request of schedule data, meter/actual data, and data for bilateral exchange, LTA, MTOA, STOA etc. may be done within 15 days from the date of issuance of the account (D). After (D+15)th day, the data will be considered as final and after this date no revision of data will be accepted. All Input data used in the preparation of accounts shall be frozen after (D+15)th day.

4. The input data shall inter alia include the following:

- i).
- ii).

iii). CT/PT ratio data as available on NRLDC website. Any discrepancy shall be communicated to NRLDC immediately other than CT/PT ratio given at NRLDC website shall be treated as verified and correct and no correspondence on this issue shall be entertained. Therefore, utilities submitting this data must ensure they have mechanisms in their organization that ensures any change in CT/PT is promptly conveyed to NRLDC separately. These utilities are responsible in case they fail to inform the changes in time and accounts get closed.

[Unquote]

36.2 Therefore, all utilities are requested to cross verify their respective drawl and injection on regular basis.

If any discrepancy is found then same may be intimated to NLRDC within 15 days. Request for any revision in the energy accounting will not be considered by NRLDC after 15 days.

36.3 ***All the concerned are requested to kindly make note of the above.***

**Minutes of meeting held on 09.07.2021
to discuss billing issue of Parbati-III HEP, NHPC**

Member Secretary, NRPC welcomed participants to the meeting.

List of participants is attached as Annexure.

Background:

43rd Commercial Sub-Committee (CSC) meeting of NRPC was held on 13.4.2021, and minutes were issued on 26.5.21. Agenda no.24 was given by BRPL, requesting monthly billing by NHPC in line with tariff regulation 2014 & 2019. Against this, conclusion recorded in minutes is as under:

“Sub-committee urged NHPC to raise energy bill on monthly basis in line with Tariff regulations. For Parbati-III present billing methodology may be continued till the commissioning of all units of upstream Parbati-II project.”

BRPL vide its letter dated 24.6.21 has objected to above recording and requested NRPC to modify the minutes. BRPL stated that in the meeting they had requested for direction to NHPC to raise energy bill in line with Tariff regulation 2014 & 2019.

Regarding CERC Tariff order 2014 which NHPC is referring in its reply 29.6.21, BRPL stated that as per order PAF for the plant (Parbati-III) is to be capped to approved NAPAF and there will be no incentive for higher PAF or secondary energy for the plant till the commissioning of Parbati-II subject to commission approval. Same approach was adopted by CERC in Tariff order 2019. Whereas NHPC is billing capacity charges on cumulative PAF basis at year end, and therefore this is in violation of Tariff Regulations issued by CERC.

NRPC has shared BRPL letter dated 24.6.21 with NHPC for comments and NHPC replied vide letter dated 29.6.21 which was also taken up for discussion.

Deliberations:

During discussion, BRPL and BYPL stated that NHPC has not been following the CERC Tariff Regulations while issuing bills for its generating stations. Extract from CERC Tariff regulation, 2019 is reproduced below:

“31 Computation and Payment of Capacity charge and Energy Charge for Hydro Generating Stations: (1) The fixed cost of a hydro generating station shall be computed on annual basis, based on norms specified under these regulations, and shall be recovered on monthly basis under capacity charge (inclusive of incentive) and energy charge, which shall be payable by the beneficiaries in proportion...”

NHPC is raising bills for the first 11 months of a financial year as per this regulation. However, it is raising cumulative bill in the month of March for the whole year which has not been provided for in the regulation.

NHPC stated that the matter was discussed in the 43rd CSC meeting wherein NHPC has already agreed to follow the monthly billing methodology for all hydro stations except Parbati-III. He further informed that Punjab has already filed a petition regarding billing of Parbati-III before CERC in which BRPL and BYPL have also been made parties. When MS, NRPC asked NHPC to share petition copy, they informed that the petition has not been admitted yet. MS, NRPC stated in absence of admission of petition by CERC, the matter can be discussed at NRPC platform particularly when one stakeholder has objected to the billing methodology adopted by NHPC contesting that it is not in conformity with CERC regulations in force.

NHPC stated that NAPAF for Parbati-III had been worked out as 68% in the Tariff order issued by CERC for Parbati-III (228/GT/2013). The tariff order does not allow NHPC to recover any incentive on account of higher PAF (relevant extract reproduced below):

22. We make it clear that no incentive on account of higher PAF and secondary energy (excess of design energy) has been allowed to this generating station, till the commercial operation of all the units of the upstream Parbati-II HEP. Moreover, the annual design energy and NAPAF of the generating station as Allowed above is subject to review after the commercial operation of upstream Parbati-II HEP."

The figure of 68% has been arrived cumulatively for the entire year as per calculations given in Annexure-1 of the Tariff order. The plant availability has been considered to be above 68% during the months of April to September and below 68% during the lean months of October to March.

Even if PAF for Parbati-III is more than 68% for any month, NHPC is raising bills by restricting the PAF to 68% only. Only during the month of March, cumulative bill is being raised, and even then PAF is being capped at 68% in line with the Tariff order. In case monthly billing is done for the month of March as well, NHPC will never be able to achieve the NAPAF of 68%, and may go down to 55%, and this would result in under recovery of capacity charges. Therefore, to recover full capacity charges of Parbati-III, NHPC requested that present billing methodology for Parbati-III may be allowed to continue.

BRPL stated that neither CERC Tariff Regulations 2014-19 & 2019-24 nor Tariff orders issued by CERC for Parbati-III (228/GT/2013, 7/GT/2017) provide for cumulative billing in case of Parbati-III. Moreover, even NRPC is also not certifying any cumulative plant

availability factor for Parbati-III. NHPC itself is calculative cumulative PAF in the month of March and raising cumulative bills. In case NHPC was facing any issue with regard to billing methodology provided in the Tariff Regulations, the same could have been raised before the Commission during hearings for tariff orders or tariff regulations.

MS, NRPC stated that no regulation/order of CERC provides for cumulative billing methodology which is being followed by NHPC. NHPC cannot come up with its own interpretation of the Regulations. In case any issue is being faced, the correct course of action would be to approach the Regulator (CERC). Therefore, minutes conclusion recorded against Agenda-24 of 43rd CSC would be amended as follows:

"The sub-committee directed NHPC to raise energy bills for all stations, including Parbati-III, on monthly basis as per CERC Tariff Regulations".

Meeting ended with vote of thanks to Chair.

Annex

List of Participants

Sl.	Name	Organization	Designation	E-Mail
1.	Naresh Bhandari	NRPC	Member Secretary	nbnareshbhandari@gmail.com ms-nrpc@nic.in
2.	Vikrant Dhillon	NRPC	Executive Engineer	sec-nrpc@nic.in vikrant.dhillon@gov.in
3.	Shrey Kumar	NRPC	A.E.E.	Shrey.cea@gov.in
4.	Neeraj Kumar	NRLDC	Sr. DGM	neeraj.kumar@posoco.in
5.	Haridas Maity	BYPL	AVP	Haridas.Maity@relianceada.com
6.	Gurmeet Singh	BRPL	AVP	Gurmeet.Deogen@relianceada.com
7.	Virendra Kumar	NHPC	DGM	virendrakumar@nhpc.nic.in

**REVISED COAL STOCKING NORMS FOR COAL
BASED THERMAL POWER PLANTS**

CENTRAL ELECTRICITY AUTHORITY

06th December 2021

1. Present Coal Stocking Norms of CEA:

Present coal stocking norms of CEA is based on the distance of the plant from the mine-head as detailed below:

Distance of Power Plant	Number of Days of Stock
Pit-head Station	15
Upto 500 km away from coal mine	20
Upto 1,000 km away from coal mine	25
Beyond 1,000 km away from coal mine	30

In the Daily Coal Report (DCR) prepared by CEA, normative coal stock (in days) to be maintained by individual power plant is shown as indicated above, so that in case of any interruption in supply of coal or during high demand period, the coal stock available at the plant may be utilized. As, these norms are advisory in nature, at times, power plants do not maintain coal stock as per the above norms.

2. Need to Review Coal Stocking Norms

- i. Current norms of CEA (in days) are uniform throughout the year. However, it is a fact that coal based generation/consumption as well as coal despatch varies during the course of the year. Further, power plants are not able to maintain high stock during rainy season due to less coal despatch by coal companies. Therefore, there is a need to revise the present coal stocking norms of CEA to bring it in line with month-wise coal despatch and coal consumption trends during various months in a year.
- ii. At present, daily coal requirement of a plant is estimated based on the consumption pattern of the plant during preceding one week (subject to a minimum daily requirement at 55% PLF), which is used to calculate stock in number of days. However, if the plant/unit is under shutdown due to any reason such as scheduled maintenance, outage due to coal shortage etc., daily requirement will be automatically reduced. Thus, stock in number of days may reflect more number of days, even though stock is less. Thus, instead of showing normative stock in number of days, the same can be shown in terms of quantum (Thousand Tonnes) and the actual stock may be compared with it.
- iii. Current Coal Stocking norms are advisory in nature. Therefore, the power plants generally do not maintain coal stock as per norms. The coal stock which was about 29 MT as on 30.06.2021 depleted to about 8 MT as on 30.09.2021 due to lower coal supply by coal companies during rainy season, which may be seen from the trend given at Fig

2.1. Thus, there is also a need to have some penalty/incentive provision in the norms in terms of priority loading for supply of coal by CIL/SCCL.

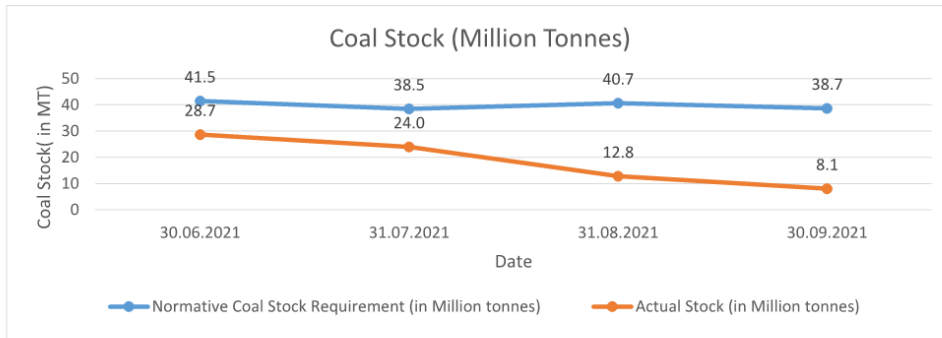


Fig. 2.1

3. Revised Coal Stocking Norms:

- i. Daily coal requirement for both Pithead and Non-Pithead plants would be estimated @85% PLF and number of days for which stock needs to be maintained would vary from 12 to 17 days for Pithead plants and 20 to 26 days for Non-Pithead plants with month-wise variation based on coal despatch/coal consumption pattern during the year.
- ii. Accordingly, the new coal stocking norms would be as under:
 - a. **For Pithead Plants: Coal required at 85% PLF for ‘N1’ number of days (in thousand tonnes)**
 - b. **For Non-Pithead Plants: Coal required at 85% PLF for ‘N2’ number of days (in thousand tonnes)**

Where N1 and N2 are No. of days as given below:

Month	Coal Stock to be maintained by the power plant during the month (in no. of days)	
	PITHEAD (N1)	NON-PITHEAD (N2)
April	17	26
May	17	26
June	17	26

July	14	22
August	13	21
September	12	20
October	13	21
November	14	22
December	15	23
January	16	24
February	17	26
March	17	26

The coal stock has been kept minimum during rainy season (Q2) and based on increase in dispatch pattern during Q3 & Q4; the plants have been mandated to keep adequate stock especially during Q4 when supply is maximum. The stock maintained at the end of Q4 may be utilised during rainy season.

4. Grading of Gencos:

i) **Grading of Gencos/IPPs:** Grading of a Genco/IPP will be done on monthly basis based on the performance of the Genco/IPP during the previous month as well as payment status, as per the following criteria:

Zone	Criteria
Red Zone	1. Genco/IPP of which any power plant maintains average coal stock during the preceding month of less than 65% of the mandatory coal stock prescribed in the norms of that month; OR 2. Having undisputed outstanding dues with coal companies equivalent to more than one (1) month coal value, as per MSQ (Monthly Scheduled Quantity).
Yellow Zone	1. Genco/IPP of which any power plant maintains average coal stock during the preceding month in the range of 65% to 85% of the mandatory coal stock prescribed in the norms of that month; AND

	2. Having undisputed outstanding dues with coal companies equivalent to coal value of less than one (1) month, as per MSQ.
Green Zone	1. If all the power plants of a Genco/IPP maintain average coal stock during the preceding month of more than 85 % of the mandatory coal stock prescribed in the norms of that month ; AND 2. Having no outstanding dues with coal companies.

Exceptions: In case the Central/State Genco or IPP submits programme as per the MSQ (as per FSA) of the individual plant, but still not able to maintain coal stock due to reasons such as less coal supply by CIL, less rakes availability, running at very high PLF etc.($\geq 85\%$ PLF) , then such plant(s) will be kept in Green Zone.

ii) Grading of Gencos/IPPs will be reflected in the Daily Coal Report.

iii) The recommendation by CEA/MoP for enhancing coal supply will be made according to grading of Gencos/IPPs as above. The Gencos/IPPs in Red Zone will be given least priority in supply of coal by Coal Companies and rakes allotment by Railways, followed by Gencos/IPPs in Yellow Zone. The Gencos/IPPs in Green Zone will be given highest priority in terms of rakes loading and supply of coal.

5. Penalty for non-maintenance of coal stock:

(i) In the event that availability by any power plant is less than the Normative availability (as per prevailing regulatory norms of CERC/SERC - as applicable) due to less coal stock maintained by the plant, the penalty shall be determined as detailed below:

a) Power plant designed on domestic coal:

In the event the availability is less by 5% or more from the Normative Availability (as applicable) on quarterly basis, the fixed charge shall be reduced to the extent of shortfall in Normative Availability and in addition, the reduction below the Normative Availability shall be multiplied by a factor of 0.2 (i.e levy of additional 20% due to reduced availability) to determine the penalty for non-maintenance of coal stock on quarterly basis.

b) Power plant designed on imported coal:

In the event the availability is less by 5% or more from the Normative Availability (as applicable) on quarterly basis, the fixed charge shall be reduced to the extent of shortfall in Normative Availability and in addition, the reduction below the

Normative Availability shall be multiplied by a factor of 0.5 (i.e levy of additional 50% due to reduced availability) to determine the penalty for non-maintenance of coal stock on quarterly basis.

Further, in case the availability is less by 25% or more from the Normative Availability (as applicable) on quarterly basis, the fixed charge shall be reduced to the extent of shortfall in Normative Availability and in addition, the reduction beyond 25% below the Normative Availability shall be multiplied by a factor of 1 (one) (i.e levy of additional 100% due to reduced availability) to determine the penalty for non-maintenance of coal stock on quarterly basis.

Annexure-12

REA Data					
S.No.	Name of Station	March-2004		March-2005	
		Cumulative Availabilty	DTL Cumulative Entitlement	Cumulative Availabilty	DTL Cumulative Entitlement
1	Anta	87.548	13.779	86.441	11.631
2	Auriya	89.196	13.128	81.938	11.641
3	Dadri- Gas	87.81	12.509	89.446	11.488
4	Unchahar-I	88.49	6.748	91.447	6.067
5	NCTPS	92.955	90.00	96.285	84.37
6	Rihand	91.881	13.27	90.572	11.123
7	Singrauli	90.378	10.77	90.135	8.631

Annexure-13.1All Figs. In L.U
Annex.A

Difference between implemented schedule issued by NRLDC and Drawal schedule considered by NRPC in DSAs												
Date	HP			UK			UP			PB		
	NRLDC Net Schedule	NRPC Bill	Diff.	NRLDC Net Schedule	NRPC Bill	Diff.	NRLDC Net Schedule	NRPC Bill	Diff.	NRLDC Net Schedule	NRPC Bill	Diff.
13.09.2021	-66.32	-70.50	-4.18	124.86	129.45	4.59	1730.59	1729.35	-1.24	1243.16	1241.69	-1.47
14.09.2021	-62.95	-75.33	-12.38	161.00	173.78	12.78	1490.63	1490.29	-0.33	1358.91	1356.32	-2.59
15.09.2021	-37.00	-37.93	-0.93	131.64	134.41	2.77	1265.79	1263.73	-2.05	1458.29	1455.31	-2.99
16.09.2021	-44.51	-35.48	9.03	129.62	121.92	-7.70	809.15	805.54	-3.61	1494.77	1493.15	-1.62
17.09.2021	-39.63	-42.07	-2.44	106.60	108.78	2.18	854.50	855.11	0.61	1654.33	1655.14	0.81
18.09.2021	-23.69	-26.45	-2.76	129.16	132.20	3.03	1122.02	1122.78	0.75	1634.67	1635.32	0.65
19.09.2021	-48.04	-49.30	-1.26	124.25	127.23	2.98	1222.40	1223.42	1.03	1639.57	1639.23	-0.34
	-322.14	-337.06	-14.92	907.14	927.76	20.62	8495.08	8490.22	-4.85	10483.70	10476.16	-7.54
20.09.2021	-26.93	-46.31	-19.38	136.70	155.22	18.52	1290.40	1293.29	2.89	1672.89	1670.95	-1.94
21.09.2021	-36.36	-56.65	-20.29	145.77	164.35	18.58	1531.01	1532.47	1.46	1579.77	1578.63	-1.14
22.09.2021	-6.70	-26.99	-20.29	117.34	135.57	18.23	1497.20	1499.05	1.85	1539.14	1538.69	-0.45
23.09.2021	-29.38	-49.29	-19.90	112.58	129.93	17.35	1456.62	1458.45	1.83	1332.96	1333.27	0.30
24.09.2021	-23.96	-46.30	-22.35	152.56	173.28	20.71	1218.68	1220.68	1.99	1284.16	1283.32	-0.85
25.09.2021	-11.44	-29.36	-17.92	118.80	136.78	17.99	1106.95	1108.93	1.98	1276.58	1274.05	-2.53
26.09.2021	6.63	-1.04	-7.67	81.34	89.27	7.92	1193.52	1194.09	0.58	1303.88	1302.32	-1.56
	-128.13	-255.92	-127.80	865.10	984.41	119.31	9294.38	9306.95	12.57	9989.38	9981.21	-8.16
27.09.2021	10.99	-5.75	-16.74	116.48	131.59	15.11	1471.13	1473.26	2.14	1265.36	1264.81	-0.54
28.09.2021	23.10	6.70	-16.41	148.71	164.12	15.40	1521.68	1523.77	2.09	1312.86	1312.05	-0.81
29.09.2021	28.78	12.26	-16.52	153.13	168.26	15.13	1599.72	1602.20	2.48	1374.26	1373.24	-1.02
30.09.2021	25.88	8.73	-17.15	140.59	156.15	15.56	1489.24	1492.08	2.84	1331.74	1330.95	-0.78
01.10.2021	27.72	11.21	-16.51	179.62	195.11	15.49	1366.31	1368.94	2.63	961.61	959.90	-1.71
02.10.2021	2.78	-12.96	-15.75	136.83	151.97	15.14	1234.00	1255.91	1.91	997.68	996.40	-1.28
03.10.2021	4.84	-12.20	-17.04	139.50	154.83	15.33	1447.81	1449.67	1.86	1017.87	1017.04	-0.82
	124.09	7.98	-116.11	1014.86	1122.03	107.17	10149.88	10165.83	15.94	8261.37	8254.40	-6.97
04.10.2021	17.11	1.42	-15.70	181.64	196.52	14.88	1558.83	1560.75	1.92	1003.78	1002.06	-1.72
05.10.2021	50.89	34.24	-16.65	185.80	201.10	15.30	1601.07	1605.99	4.92	943.80	944.50	0.70
06.10.2021	86.37	69.29	-17.08	172.96	187.08	14.12	1570.20	1572.51	2.31	801.28	803.47	2.19
07.10.2021	91.15	78.19	-12.96	172.04	184.10	12.06	1541.75	1544.61	2.85	939.22	939.73	0.51
08.10.2021	100.88	86.82	-14.06	170.65	183.36	12.71	1555.93	1558.50	2.56	764.16	764.48	0.33
09.10.2021	113.84	100.09	-13.74	174.26	186.80	12.54	1596.24	1599.17	2.93	820.16	820.17	0.01
10.10.2021	93.68	81.25	-12.44	188.53	199.48	10.94	1747.73	1749.77	2.04	981.66	980.70	-0.96
	553.92	451.29	-102.63	1245.88	1338.43	92.55	11171.75	11191.29	19.54	6254.05	6255.11	1.06

Annexure-13.2

Annex - B



HIMACHAL PRADESH STATE LOAD DESPATCH CENTRE
(an Apex body)
GOVERNMENT OF HIMACHAL PRADESH



No. HPLDS/ SLDC/ DSM/ Regulation-18 (Vol.-XIII)/ 2021-22-5244-1/6 Dated: 26-10-2021
To

The Superintending Engineer
Northern Regional Power Committee, NRPC,
18-A, S. Jeet Singh Marg, Katwaria Sarai,
New Delhi, Delhi 110016; E-Mail: se@nrpc.gov.in

Subject: Discrepancy in schedule and actual data i.r.o. HP State for DSA week-28
(04.10.2021 to 10.10.2021) FY: 2021-22.

Reference: NRPC DSM Bill of week-28 (04.10.2021 to 10.10.2021) FY: 2021-22 vide their
office letter no. NRPC/ Comm/203/ DSA/2021/ 9998-10033 dated: 25.10.2021
& telephonic discussion had with you by SE, HPSLDC, Shimla on 26.10.2021.

Sir,

This is with reference to above referred letter on subject cited matter, wherein
NRPC has issued DSM bill for the DSA week-28 (04.10.2021 to 10.10.2021) on dated 25.10.21.
While going through the details of the bill, it has been observed as under:

1. Schedule as shown in the DSM bill of DSA week-28 FY:2021-22 issued by
NRPC is 451.28986 LUs, whereas as per NR Schedule/SCADA data at
HPSLDC, the same is 553.43 LUs i.e. a difference of 102.14 LUs.
2. Drawl (Actual) as shown in the DSM bill issued by NRPC for the week is
637.26850 LUs, whereas as per SCADA data at HPSLDC, the same is 594.24
LUs i.e. a difference of 43.03 LUs.

From the above, it may be seen that there is huge difference in NRPC & SCADA
figures and there may be some calculation errors in the DSA bill for HP State and as such
requires immediate rectification in view of the huge DSM amount payable by HP State. Day
wise Schedule and Drawl (Actual) data based upon the average 15 minutes time block data as
per HPSLDC SCADA is attached herewith as Annexure-A for reference please. It is also
informed that in view of the huge difference in drawl (Actual), feeder-wise calculations using
SEM data uploaded by NRLDC is being carried out to find out the reason of huge difference
and shall be intimated to NRLDC accordingly.

It has been further informed telephonically by HPSEBI, that the similar major difference
has also been observed during last 2 to 3 weeks and necessary exercise for the same is also
being carried out by HPSLDC & shall be intimated to NRPC accordingly.

It is, therefore, requested to look into the matter on priority, so that issue could be
resolved at the earliest and further requested to issue the revision for said week as small OA
customers in HP are not in a position to pay such huge DSM amount during said week please.

Encl: As above.

Yours sincerely,

Chief Engineer,
HP State Load Despatch Centre,
Govt. of H.P., Totu, Shimla-11.

Copy to the following for kind information & necessary action please:


1. The Executive Director, Northern Regional Load Despatch Center, NRLDC, B-9, Quab
Institutional Area, Katwaria Sarai, New Delhi, Delhi 110016, E-mail: nrlc.usa@nrpc.gov.in
2. The Member Secretary, Northern Regional Power Committee, NRPC, 18-A, S. Jeet Singh
Marg, Katwaria Sarai, New Delhi, Delhi 110016.

Chief Engineer, HPSLDC

SLDC Complex, Totu, Shimla-171011
Phone: 0177-2838666, Telefax: 0177-2837649 GST No. 02AAAAH7757E1ZX
Email: sehpslhc@gmail.com, cehpslhc@gmail.com, mdhpslhc@gmail.com, Web: www.hpslhc.com

Annexure-A

Details of schedule and drawl i.r.o. HP state (as per SCADA data) for week-28 (04.10.2021 to 10.10.2021)				
Date	Schedule (LU)		Drawl (LU)	
	NR Schedule/SCADA	NRPC DSA Schedule	HPSLDC SCADA	NRPC DSA
04-10-2021	17.03	1.42	39.67	48.67
05-10-2021	50.82	34.24	61.18	68.80
06-10-2021	86.11	69.29	96.07	100.20
07-10-2021	91.24	78.19	94.72	102.50
08-10-2021	100.70	86.82	104.07	108.45
09-10-2021	113.83	100.09	107.85	112.24
10-10-2021	93.70	81.25	90.68	96.40
Total	553.43	451.29	594.24	637.27

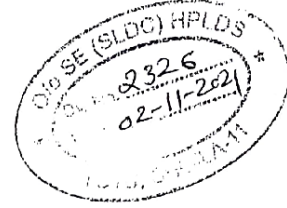

 Chief Engineer,
 HPSLDC, Govt. of HP,
 SLDC Complex, Totu, Shimla-11

Annexure-13.3

Annex - C



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee



स. उक्षेविस/ वाणि जचक/203/04/2021/10130-10131

दिनांक : 29.10.2021

To,
Chief Engineer,
HP State Load Despatch Centre
Govt. of HP, Totu, Shimla-11

Subject: Discrepancy in schedule and actual data i.r.o. HP State for DSA week-28 (04.10.2021 to 10.10.2021) FY 2021-22 – reg.

This is with reference to your letter dated 26.10.2021 on the abovementioned subject, wherein Himachal Pradesh has stated that there are some discrepancies in schedule and actual data. The drawal schedule of Himachal Pradesh for the said week was 553.43 LUs as per data at HP SLDC, which has been shown as 451.29 LUs in NRPC accounts, a difference of around 102 LUs. The actual drawal as per SCADA data at HP SLDC was 594.24 LUs and as per SEM data was 637.29 LUs, a difference of around 43 LUs. Himachal Pradesh has requested NRPC Sectt. to look into the matter and rectify any discrepancy in DSM charges payable by Himachal Pradesh.

In this regard, it is stated that the difference in schedule value is on account of generation from legacy shared projects. The matter of scheduling, accounting and other treatment of the legacy shared projects in Northern Region has been under discussion at NRPC forum for the past 2 years. At present, there are 7 legacy shared projects through which Himachal is scheduled power. Schedule of these transactions are changed post-facto based on actual generation. The list of these projects and share of Himachal Pradesh in these projects is as under:

Plant Name	State in which plant is embedded	Share of Himachal Pradesh
Khara	Uttar Pradesh	14.4 MW (20%)
RSD	Punjab	22 MW
Chibro	Uttarakhand	60 MW (25%)
Khodri	Uttarakhand	30 MW (25%)
Dhalipur	Uttarakhand	12.75 MW (25%)
Dhakrani	Uttarakhand	8.43 MW (25%)
Kulhal	Uttarakhand	6 MW (20%)

En. N.P. Gupta

MD (HPSLDC),
MD
XEN (ASST)
PS to MD

Signature



HIMACHAL PRADESH STATE LOAD DESPATCH CENTRE
(an Apex body)
GOVERNMENT OF HIMACHAL PRADESH



No. HPLDS/ SLDC/ DSM/ Regulation-18 (Vol.-XIII)/ 2021-22 5854-60 Dated: 17-11-2021

To

The Superintending Engineer (Commercial),
Northern Regional Power Committee,
Sahed Jeet Singh Sansanwal Marg,
Katwaria Sarai, New Delhi-110016
E-mail: sec-nrpc@nrc.in

Subject: Discrepancy in schedule and actual data i.r.o. H.P. State for DSA week-28 (04.10.2021 to 10.10.2021) FY: 2021-22

Reference: This office letter No. HPLDS/SLDC/DSM/Regulation-18(Vol.-XIII)/2021-22-5244-46 dated 26.10.2021.

Your office letter No.NRPC/Comml./203/04/2021/10130-10131 Dated 29.10.2021

Sir,

Kindly refer to above regarding discrepancy in schedule and actual data i.r.o. H.P. State for DSA week-28 (04.10.2021 to 10.10.2021) FY: 2021-22. In regard to above, it is further submitted as under:-

1. It has been informed by NRPC that the difference in schedule value is on account of generation from legacy shared projects. The detail of Transaction wise initial and post facto adjusted schedules values based upon the actual generation from the shared projects for the week as given by NRPC is as under:-

Transaction	Initial Schedule	Post Facto adjusted schedule
UP to HP (SH-02)	21.9768 LUs	4.5728 LUs
Punjab to HP (SH-04)	17.7120 LUs	14.4647 LUs
Uttarakhand to HP(SH-05)	137.7456 LUs	48.5422 LUs
Total	177.4344 LUs	67.5797 LUs

However, the day-wise actual Generation SCADA data of HP Share from these shared projects covered in the transaction and being reflected in SCADA data (Annexure - "A") is as under:-

Transaction	Initial Schedule	HP Share as per SCADA data
UP to HP (SH-02)	21.9768 LUs	23.8488729 LUs
Punjab to HP (SH-04)	17.71205 LUs	2.036287486* LUs
Uttarakhand to HP(SH-05)	137.7456 LUs	135.7034048 LUs
Total	177.43445 LUs	161.5797 LUs

SLDC Complex, Totu, Shimla-171011
Phone: 0177-2838666, Telex: 0177-2837649 GST No. 02AAAAH7757E1ZX
Email: sehpsldc@gmail.com, cehpsldc@gmail.com, mdhpsldc@gmail.com, Web: www.hpsldc.com

* Real-time data appearing in the SCADA data for 6.10.21 to 10.10.21 as zero whereas, there was generation in the HEPs.

Further, taking into consideration the source as CEA website with regard to daily generation reports for these HEPs, the transactions has been compiled (Annexure – “B”) and is as under:-

Transaction	Initial Schedule	HP Share as per CEA Report data
UP to HP (SH-02)	21.9768 LUs	23.58000 LUs
Punjab to HP (SH-04)	17.71205 LUs	14.84932 LUs
Uttarakhand to HP(SH-05)	137.7456 LUs	132.32500 LUs
Total	177.43445 LUs	170.75432 LUs

From above comparison, it may be seen that actual generation is very close to the scheduled generation. Although, it would have been appreciable to consider scheduled generation for calculating DSA yet major difference is appearing between actual generation being recorded in SCADA/CEA report and as intimated by NRPC in post facto adjusted schedule, which again require to be looked into by NRPC on factual ground. Similarly, Generation data of Uttarakhand Projects as downloaded from SLDC web-site of Uttarakhand is almost matching with SLDC/CEA data.

2. Similarly, major difference in initial schedule and post facto adjusted schedule due to legacy projects (Annexure – “C”) has also been observed in respect of weeks as mentioned hereunder.

Week	Initial Schedule (LUs) NRLDC	Post Facto adjusted schedule (LUs)NRPC	Difference (LUs)
20.09.21 to 26.09.21	-128.13	-255.92	-127.80
27.09.21 to 03.10.21	124.09	7.98	-116.11
04.10.21 to 10.10.21	553.92	451.29	-102.63

The above differences need to be reconciled on actual basis in order to arrive at factual position.

3. The feeder-wise comparison between SEM data & SCADA data has been carried out and is attached as Annexure – “D”. While going through the comparison for the said week, the major difference appears to be in six feeders, the detail of which is as under:-

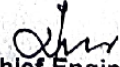
S. No.	Feeder	SEM data (LUs)	SCADA data(LUs)		Remarks
			Calculated end	Other end	
1.	220 kV Amb -Neria Jall-PG 1&2 (HP-62,63)	0.331 (inside)	-2.1784 (X-outside)	-0.394	
2.	66 kV Pong-Sansarpur (HP-20)	13.152 (outside)	9.7157 (X-outside)	--	
3.	Drwal Gumma (NJ-23,24)	-	81.1636 (Y-inside)	-74.03	
4.	220kV Khodri-Majri 1&2 (HP-08,31)	217.563 (inside)	-226.0754 (Y-inside)	230.93	
5.	132 kV Hamirpur-Chohal (HP-07)	-41.828 (inside)	46.1084 (Y-inside)	-44.14	
6.	220 kV ICT-Phojal (PH-01)	-21.926 (inside)	27.8968 (Y-inside)	--	SCADA Value on 4.10.21 remained stuck.

From above comparison, it may be seen that the point Drawal Gumma has not been considered by NRPC in DSA, which has resulted in major mismatch between SEM & SCADA values. Also, for Sr. No. 1,2,4 & 5, the difference is required to be minimized by HPSEBL and the adjoining States connected on interstate feeders at other end by finding the reasons of mismatch, so that actual drawl could be matched. NRPC/NRLDC may issue necessary directions to the adjoining States connected at other end, so that SEM & SCADA gap could be minimized.

The relevant soft files (.xls & .pdf) on the basis of which the consolidated values have arrived are attached with e-mail sec-nrpc@nic.in for reference.

In view of above, NRPC is once again requested to look into the matter and issue revised DSAs accordingly please.

Yours sincerely,



Chief Engineer,
HP State Load Despatch Centre,
Govt. of HP, SLDC Complex,
Totu, Shimla-11.

DA: As above

Copy of the above is forwarded to:

1. The CGM (System Operation), NRLDC, 18-A, Shaheed Jeet Singh Sansarwal Marg, Katwaria Saraj, New Delhi – 110 016 for information please.
2. The GM, Projects, HPPTCL, Himfed Building, Panjari, TutiKandi, Shimla-5 with a request to intimate the reasons for not considering the SEM data of Gumma Drawl by NRPC, so that the matter is taken up with NRPC accordingly please.

3. The Chief Engineer (Sys. Op.), HPSEBL, Vidyut Bhawan, Shimla-17104 with a request to find out the reasons of mismatch at interstate points as mentioned at point No. 03 above and to rectify the same on priority.
4. The Chief Engineer, SLDC, Ablowal, Patiala for information and necessary action please.
5. The Chief Engineer, SLDC, Phase II, Vibhuti Khand, LUCKNOW- 226010, Uttar Pradesh, UP for information and necessary action please.
6. The Superintending Engineer, SLDC, Vidyut Bhawan Saharanpur Road, Majra, Near ISBT, Dehradun, Uttarakhand for information and necessary action please.


Chief Engineer,
HP State Load Despatch Centre,
Govt. of HP, SLDC Complex,
Totu, Shimla-11.



District	Generation data (in DU)	Generation data (in DUs)							
		4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	
Rohara-UP (SH-02)	SCADA	17.15061252	17.09062	17.10693	17.0146	17.28	17.28	16.32161	
	HP Share @20%	3.430122505	3.418123	3.421385	3.402921	3.456	3.456	3.264322	
	Schedule	3.0312	3.1224	3.228	3.1608	3.156	3.1344	3.144	
RSDPH-Punjab (SH-04)	SCADA	34.75633183	9.510787	0	0	0	0	0	
	HP Share @46%	1.598791264	0.437496	0	0	0	0	0	
	Schedule	3.371275	3.499175	3.31465	2.20585	1.7737	1.7737	1.7737	
Chitro-UK	SCADA	41.3089561	36.74285	35.93467	35.3961	31.92842	33.44388	35.01861	
	HP Share @25%	10.32723902	9.185713	8.983669	8.849026	7.982104	8.36097	8.754652	
	Schedule	19.37242756	16.96733	16.98769	17.10634	14.84434	16.45453	17.31589	
Khodri-UK	SCADA	4.843106891	4.241832	4.246923	4.276584	3.711086	4.113633	4.328974	
	HP Share @25%	11.82928197	11.80936	11.79964	11.7465	11.71867	11.62253	11.89059	
	Schedule	2.957320491	2.952339	2.94991	2.936625	2.929667	2.905633	2.972647	
Dhalpur-UK	SCADA	7.464150314	7.424016	7.387653	7.348181	7.039562	6.97983	6.972971	
	HP Share @25%	1.866037579	1.856004	1.846913	1.837045	1.759891	1.742996	1.743243	
	Schedule	7.409995058	7.439148	7.450403	7.429941	7.402939	7.250382	7.39951	
Kalaal-UK	SCADA	1.481999012	1.48783	1.490081	1.485988	1.480588	1.450076	1.479902	
	HP Share @20%	87.384811	80.3827	79.56006	79.02706	72.93393	75.72331	78.59757	
	Schedule	21.475703	19.72372	19.51749	19.38527	17.86334	18.57331	19.27942	
Total UK (SH-05)	SCADA	21.8712	21.8712	20.7096	18.6144	18.8472	18.8472	16.9848	
	HP Share								

ABSTRACT

	SCADA	HP SHARE
UP	21.9768	23.8488729
Punjab	17.74205	21036287486
UK	137.7456	135.8182444
TOTAL	177.43445	161.7034048

All figs in LCU

Schedule of HP during the period 13.09.2021 to 10.10.2021

DATE	Schedule as per NRLDC	Schedule as per NRPC	Difference
13-Sep-21	-66.32	-70.50	-4.18
14-Sep-21	-62.95	-75.33	-12.38
15-Sep-21	-37.00	-37.93	-0.93
16-Sep-21	-44.51	-35.48	9.03
17-Sep-21	-39.63	-42.07	-2.44
18-Sep-21	-23.69	-26.45	-2.76
19-Sep-21	-48.04	-49.30	-1.26
Total Week	-322.14	-337.06	-14.92
20-Sep-21	-26.93	-46.31	-19.38
21-Sep-21	-36.36	-56.65	-20.29
22-Sep-21	-6.70	-26.99	-20.29
23-Sep-21	-29.38	-49.29	-19.90
24-Sep-21	-23.96	-46.30	-22.35
25-Sep-21	-11.44	-29.36	-17.92
26-Sep-21	6.63	-1.04	-7.67
Total Week	-128.13	-255.92	-127.80
27-Sep-21	10.99	-5.75	-16.74
28-Sep-21	23.10	6.70	-16.41
29-Sep-21	28.78	12.26	-16.52
30-Sep-21	25.88	8.73	-17.15
01-Oct-21	27.72	11.21	-16.51
02-Oct-21	2.78	-12.96	-15.75
03-Oct-21	4.84	-12.20	-17.04
04-Oct-21	4.84	7.98	-116.11
Total Week	124.09	1.42	-15.70
05-Oct-21	17.11	34.24	-16.65
06-Oct-21	50.89	69.29	-17.08
07-Oct-21	86.37	78.19	-12.96
08-Oct-21	91.15	86.82	-14.06
09-Oct-21	100.88	100.09	-13.74
10-Oct-21	113.84	81.25	-12.44
11-Oct-21	93.68	451.29	-102.63
Total Week	553.92	107.76	-3.21
12-Oct-21	110.97	117.48	-2.26
13-Oct-21	119.74	134.29	-4.42
14-Oct-21	138.71	140.43	-2.28
15-Oct-21	142.71	109.97	-1.73
16-Oct-21	111.70	126.05	-2.92
17-Oct-21	128.97	114.04	-2.50
18-Oct-21	116.54	850.03	-19.31
Total Week	869.34	850.03	-19.31

44th meeting of Commercial Sub-committee (14.02.2022)-Agenda

Meter No.	HP-62, 63	SEM	SCADA L1	SCADA L2	SCADA Total	SCADA L1	SCADA L2	SCADA Total
Location	(inside)	(inside)	(outside)	(outside)	(Calculated End)	(inside)	(inside)	(Other End)
Date	220kV Amb-Neria		220 jalandar	220 jalandar		220 jalandar	220 jalandar	
4.10.2021			nehlan 1	nehlan 2		nehlan 1	nehlan 2	
5.10.2021	369.56	-1.6956	-2.064284388	-2.099691107	-4.163975494	1.871381321	1.859851498	1.681231810
6.10.2021	-255.18	255.18	1.481029518	-1.519565718	-3.000595256	1.253020216	1.296165654	2.549215870
7.10.2021	271.74	271.74	1.2238331043	1.197729954	2.434061003	1.384366779	-1.34407145	-2.728718919
8.10.2021	45.8	0.458	0.076810096	0.07681875	0.111424156	0.25775099	0.215776929	-0.473527113
9.10.2021	108.52	1.0852	-0.398118225	0.555541944	0.734460169	-0.555491919	0.512238889	-1.093087568
10.10.2021	167.96	1.6796	0.71260488	0.678119286	1.385379774	0.81885518	-0.818498778	-0.682295558
TOTAL	63.62	0.6362	0.16139315	0.129175695	0.290568845	0.34070888	-0.30852054	-0.64626093
	33.1	0.331			-2.178476204			-0.394294036

Meter No.	HP-07	SEM	SCADA Data	SCADA DATA
Location	(inside)	(inside)	(Calculated End)	(Other End)
Date	Himnipur			
4.10.2021	132kV Chohi			
5.10.2021	-709.794	-7.09794	7.400316652	7.400317404
6.10.2021	-477.772	-4.77772	7.07284662	-2.077339974
7.10.2021	371.921	3.71921	-3.289572967	-3.989544822
8.10.2021	525.286	5.25286	7.948892996	-5.002100134
9.10.2021	490.986	4.90986	5.341132898	-5.341132618
10.10.2021	-718.74	-7.1874	7.481794991	-7.481794991
TOTAL	-4182.834	-41.82834	46.10840978	-44.1435521

Meter No.	NI-23, 24	SEM	SCADA Data	SCADA DATA
Location	(outside)	(outside)	(Calculated End)	(Other End)
Date	DrwGumma			
4.10.2021				
5.10.2021			13.87818174	11.98370859
6.10.2021			12.96879579	-11.77797133
7.10.2021			12.18517913	-13.2827202
8.10.2021			11.41780949	-10.35836446
9.10.2021			10.98513878	-9.98356443
10.10.2021			10.021789778	-9.241323977
TOTAL	0	0	81.16360463	-74.03308932

Attenure - 5%

Meter No.	HP-08 11	SEM	SCADA L1	SCADA L2	SCADA DATA	SCADA L1	SCADA L2	SCADA DATA
Location	(inside)	(inside)	(outside)	(outside)	(Calculated End)	(outside)	(outside)	(Other End)
Date	220kV Khodri		Grh khodri 1	Grh khodri 2		Grh khodri 1	Grh khodri 2	
4.10.2021	256.576	25.6576	-13.03966407	-12.87703169	-76.0196991	16.81388245	16.8	29.83882749
5.10.2021	224.048	22.4048	11.85530441	-11.79950811	-23.6545229	13.82704275	16.8	18.01764223
6.10.2021	3353.696	33.53696	-17.56541504	-17.4602654	38.0318188	17.4602654	16.8	16.8
7.10.2021	3485.408	34.85408	-18.22490633	-18.12397165	-36.3481198	16.8	16.8	34.83880273
8.10.2021	3533.456	35.33456	-18.3743771	-18.27209643	-36.6497732	16.8	16.8	35.02375237
9.10.2021	3474.624	34.74624	-18.08644147	-17.98757001	-36.0711114	16.8	16.8	35.17521203
10.10.2021	3118.518	31.18518	-16.1915689	-16.10919426	-31.30076316	16.8	16.8	30.8427400
TOTAL	21756.336	217.56336			-226.0750631		16.8	30.95151746
								1230.938978

Annexure-13.5

Annex - E



Se SlDC <sehpslDC@gmail.com>

Re: Discrepancy in schedule and actual data i.r.o. H.P, State for DSA week-28 (04-10-2021 to 10-10-2021) FY: 2021-22

3 messages

Vikrant Singh Dhillon <vikrant.dhillon@gov.in>
To: sehpslDC@gmail.com, cesysophpsebl@gmail.com
Cc: NARESH BHANDARI <ms-nrpc@nic.in>, "R.P Pradhan" <sec-nrpc@nic.in>, "Mr. SAUMITRA MAZUMDAR" <seo-nrpc@nic.in>

26 November 2021 at 11:12

Sir,

This is with reference to HP SLDC letter dated 16.11.2021 on the above mentioned subject. In this regard, it is stated that the matter has been re-examined and found that there was some discrepancy in the actual injection data of shared projects received from NRLDC during the period 13.09.2021 to 10.10.2021. Hence, DSM accounts for the said period would be revised in due course, after the receipt of revised data from NRLDC.

Regards
Vikrant Dhillon
NRPC Sectt.



Discrepancy in schedule & actual data_0001.pdf
2854K

Se SlDC <sehpslDC@gmail.com>
To: "NRLDC Commercial Deptt." <nrlDCos@yahoo.com>

22 December 2021 at 11:42

Dear Sir,

This is in reference with DSA bill of week 28 FY: 2021-22, amounting Rs.29.72 crore i.r.o. HP state due to discrepancy in the actual injection data of shared projects provided by NRLDC to NRPC during the period 13.09.2021 to 10.10.2021, as huge amount of money stake is being involved, kindly provide the correct actual injection data of shared projects to NRPC at the earliest, so that DSA bills of above mentioned period may be revised accordingly.

(Quoted text hidden)

--

Regards..

Superintending Engineer,
HPSLDC, Govt. of HP,
SLDC Complex, Totu, Shimla-11
www.hpslDC.com

Discrepancy in schedule & actual data_0001.pdf
2854K

Annexure-14.1

Annex-F

Bill No. 602289243

NTPC Ltd.
NCR-Headquarters
R&D Building, Sector-24
Noida, UP 201301

CIN: L40101DL1975GOI007966

Energy Bill 01.12.2021 – 31.12.2021
Bill No. 602289243
Date 06.01.2022
Beneficiary HPSEB Ltd.
Station Auraiya Gas Power Station ABT-5

Tariff Ref.
REA Ref.
REA Date

Regular Energy

SNo	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
01	Cap Charge(Peak-LD)	Rs. Cr/Yr	304.98430	1,687,580	0	1,687,580
02	Cap Charge(OffPeak-LD)	Rs. Cr/Yr	304.98430	6,750,319	0	6,750,319
03	Compensation Charges(Gas)	Rs./kWh	0.07000	284,213	282,045	2,168
04	Compensation Charges(Liq)	Rs./kWh	0.41700	50,219	49,836	383
05	Compensation Charges(LNG)	Rs./kWh	0.30900	725,191	719,660	5,531
06	Compensation Charges (CLNG)	Rs./kWh	0.52300	93,816	93,100	716
Totals				9,591,338	1,144,641	8,446,697

Grand Total 8,446,697

Rupees (in words) Eighty-Four Lakh Forty-Six Thousand Six Hundred Ninety-Seven Only

Bank Details: Current Account No. 10813608669, State Bank of India, 5th Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi- 110001; IFSC CODE : SBIN0017313; SWIFT CODE : SBININBB824; BRANCH CODE :17313.

Bill No. 602289244



NTPC Ltd.
NCR-Headquarters
R&D Building, Sector-24
Noida, UP 201301

CIN: L40101DL1975GOI007966

Energy Bill **01.12.2021 – 31.12.2021**
 Bill No. **602289244** Tariff Ref.
 Date **06.01.2022** REA Ref.
 Beneficiary **HPSEB Ltd. .** REA Date
 Station **Dadri Gas Power Station ABT-5**

Regular Energy

SNo	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
01	Cap Charge(Peak-LD)	Rs. Cr/Yr	301.28200	1,511,431	0	1,511,431
02	Cap Charge(OffPeak-LD)	Rs. Cr/Yr	301.28200	6,045,725	0	6,045,725
03	Compensation Charges(Gas)	Rs./kWh	0.18400	1,098,323	1,104,359	-6,036
04	Compensation Charges(Liq)	Rs./kWh	1.72100	1,011,046	1,016,602	-5,556
05	Compensation Charges(LNG)	Rs./kWh	0.85200	8,888,639	8,937,487	-48,848
06	Compensation Charges (CLNG)	Rs./kWh	1.18900	547,274	550,282	-3,008
Totals				19,102,438	11,608,730	7,493,708

Grand Total 7,493,708Rupees (in words) **Seventy-Four Lakh Ninety-Three Thousand Seven Hundred Eight Only**

Bank Details: Current Account No. 10813608669, State Bank of India, 5th Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi- 110001; IFSC CODE : SBIN0017313; SWIFT CODE : SBININBB824; BRANCH CODE :17313.

Bill No. 602058595



NTPC Ltd.
NCR-Headquarters
R&D Building, Sector-24
Noida, UP 201301

CIN: L40101DL1975GOI007966

Energy Bill **01.03.2021 – 31.03.2021**
Bill No. **602058595** Revision Bill
Date **01.05.2021**
Beneficiary **HPSEB Ltd. .**
Station **Anta Gas Power Station ABT-5**

Tariff Ref.
REA Ref.
REA Date

Regular Energy

SNo	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
01	Cap Charge(Peak-LD)	Rs. Cr/Yr	215.18970	1,283,965	1,283,965	0
02	Cap Charge(OffPeak-LD)	Rs. Cr/Yr	215.18970	5,135,861	5,135,861	0
03	Energy Charges Gas	Rs./kWh	2.03800	34,974	34,974	0
04	Compensation Charges(Gas)	Rs./kWh	0.04200	339,677	339,677	0
05	Compensation Charges(Liq)	Rs./kWh	0.20900	3,125	3,125	0
06	Compensation Charges(LNG)	Rs./kWh	0.08800	499,473	499,473	0
07	Compensation Charges (CLNG)	Rs./kWh	0.20900	3,125	3,125	0
08	RLDC Charges	Rs. Cr.	0.01798	6,438	0	6,438
09	RTM Trade Gain Share		0.00000	-6,280	-6,280	0
Totals				7,300,358	7,293,920	6,438

Grand Total **6,438**Rupees (in words) **Six Thousand Four Hundred Thirty-Eight Only**

Bank Details: Current Account No. 10813608669, State Bank of India, 5th Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi- 110001; IFSC CODE : SBIN0017313; SWIFT CODE : SBININBB824; BRANCH CODE :17313.

Annexure-14.2



Himachal Pradesh State Electricity Board Ltd.
(A State Govt. Undertaking)

IN: U40109HP2009SGC031255,
Address: SE (Interstate), HPSEBL, Totu, Shimla-171011
Phone No.: 0177-2838901 (Tele fax), 0177-2838695
Email address: seinterstate@gmail.com

No. HPSEBL/CE(SO)/IS-7A(Vol-XII)/2020-745-46 Dated: 16-7-2020
To

The Additional GM (Commercial),
NTPC Bhawan, SCOPE Complex,
7, Institutional Area, Lodhi Road,
New Delhi-110003

Subject: Consent for sourcing of Spot RLNG for Anta, Auraiya, Dadri, Faridabad,
Kawas & Gandhar Gas Stations.

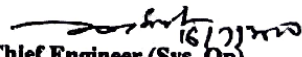
Reference: i) Your office e-mail dated 13.07.2020.
ii) This office letter of even file no. HPSEBL/CE (SO)/IS-07A (Vol-) /2020-21-
454 dated 18.06.2020 & No. 500 dated 23.06.2020.

Sir,

With reference to above, it is reiterated that HPSEBL is surplus in power during summer & monsoon season and is not in requirement of above RLNG power. Therefore, HPSEBL's requirement for above RLNG power from Anta, Auriaya, Dadri, Faridabad, Kawas & Gandhar stations may be considered as 'NIL'.

This is for your information and necessary action, please.

Yours faithfully,


Chief Engineer (Sys. Op.),
HPSEBL, Vidyut Bhawan,
Shimla-171004

Copy forwarded to SE (PR & ALDC), HPSEBL, Totu, Shimla-11 for
information & further necessary action please.

- 54 -
Chief Engineer (Sys. Op.),
Vidyut Bhawan, HPSEBL,
Shimla-171004



Annex - H

Interstate HPSEBL <seinterstate@gmail.com>

Re: Billing of Compensation charges on RLNG fuel by NTPC.

1 message

Dharamveer <DHARAMVEERJASSI@ntpc.co.in>
 To: Interstate HPSEBL <seinterstate@gmail.com>
 Cc: cesysophsebl <cesysophsebl@gmail.com>

Tue, Feb 1, 2022 at 9:56 AM

Dear Sir

This is pertaining to the part load compensation billing as query raised in the trailing mail.

Arranging fuel and DC declaration is prerogative of Thermal power station. Energy charges are always billed based on SG-Fuel wise which is scheduled by beneficiary and reflected in NR-REA also as fuel wise. While for part load Compensation distribution, Energy Requisition Details from NR Stations below 85% of Entitlement is not mentioned as per fuel wise in REA(**one SNAP is also attached for perusal please**), they are always mentioned as per beneficiary wise, so it is not possible to bill part load compensation as per the fuel category .

Northern Regional Power Committee
Provisional REA for the Month of DECEMBER, 2021
Table-01
Energy Requisition Details from NR Stations below 85% of Entitlement
 (All Figs in LUs)

Station Name	State Name	Cumulative upto Last Month (a)	Cumulative upto this month (b)	During the month (c) = (b) - (a)
ANTA GPP	CHANDIGARH	478.706456	511.961254	63.255188
	DELHI	1765.060640	2046.493610	281.432970
	HIMACHAL PRADESH	598.658922	694.614095	95.955173
	HARYANA	951.094835	1114.675454	153.580619

Dharamveer Jassi
 DGM(Commercial)
 Chandigarh
 9478859304

From: Interstate HPSEBL <seinterstate@gmail.com>
Sent: Tuesday, November 23, 2021 11:23
To: Dharamveer <DHARAMVEERJASSI@NTPC.CO.IN>; NTPCCC <ntpccc@ntpc.co.in>
Cc: power controller <pcshimla2003@gmail.com>
Subject: Billing of Compensation charges on RLNG fuel by NTPC.

CAUTION: This Email has been sent from outside the Organization. Unless you trust the sender, Don't click links or open attachments as it may be a Phishing email, which can steal your Information and compromise your Computer.

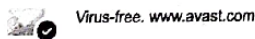
Sir,

This has reference to your bills for October 2021 & previous periods wherein compensation charges are levied on spot RLNG fuel from Anta, Auaiya, and Dadri GPP stations. In this context, it is intimated that HPSEBI vides its letter dated 23.06.2020 has given its requirement for RLNG power as **NIL**. Therefore no compensation charges shall be applicable on the same and bills for the said period shall be corrected accordingly.

--

With Regards,

o/o SE(Interstate), HPSEBL,
 Totu, Shimla -171011
 Phone: 0177-2838901



Annexure-15**Abstract of Additional amount receivable in RRAS account due to Open Cycle Generation under ancillary services***(figures in ₹)*

Name of Station/ Month of generation	Anta GPP		Auriya GPP		Dadri GPP	
	Open Cycle generation (MU)	Additional amount receivable (₹)	Open Cycle generation (MU)	Additional amount receivable (₹)	Open Cycle generation (MU)	Additional amount receivable (₹)
Financial year 2018-19						
June-2018	0.156746	447510	0	0	0	0
July-2018	0	0	0	0	0	0
August-2018	0	0	0	0	0	0
September-2018	0.393794	1268804	0.095351	150750	0.134500	371900
October-2018	0.488780	1711783	0.263973	417341	0.636331	2787529
November-2018	0.388442	1448112	0.192393	304173	0.582454	2855190
December-2018	0.800437	3144917	1.302134	6149979	0.670314	3387767
January-2019	1.363828	4699925	2.479808	11712133	2.355542	11547756
February-2019	0	0	0	0	0	0
March-2019	0	0	0	0	0	0
Sub-Total	3.592027	12721051	4.333659	18734376	4.379141	20950142
Financial year 2019-20						
April-2019	0	0	0	0	0	0
May-2019	0.054940	179983	0	0	0	0
June-2019	0.187918	615619	0	0	0	0
July-2019	0.504851	1766641	0	0	0.930262	3722082
August-2019	1.735306	6215868	1.718059	6123560	2.784416	10536496
September-2019	6.930826	24922934	1.560699	5703133	5.415700	21246180
October-2019	5.065668	17917900	6.705518	23926653	2.423500	9428195
November-2019	4.992527	14609392	4.974448	15893915	2.296300	8485073
December-2019	2.216400	7448783	2.235172	7621937	1.828000	6683168
January-2020	0.552700	1853756	0	0	0	0
February-2020	0	0	0.052890	70502	0.092400	342157
March-2020	0	0	0	0	0	0

Name of Station/ Month of generation	Open Cycle generation (MU)	Anta GPP Additional amount receivable (₹)	Open Cycle generation (MU)	Auriya GPP Additional amount receivable (₹)	Open Cycle generation (MU)	Dadri GPP Additional amount receivable (₹)
Sub-Total	22.241136	75530875	17.246785	59339700	15.770578	60443351
Financial year 2020-21						
April-2020	0.432900	586580	0.223339	305304	0.255000	375615
May-2020	0	0	0	0	0	0
June-2020	1.176830	4138323	0.185900	205977	0	0
July-2020	0	0	0	0	0	0
August-2020	0	0	0	0	0	0
September-2020	0	0	0	0	0	0
October-2020	0	0	0	0	0	0
November-2020	0	0	0	0	0	0
December-2020	0	0	0	0	0	0
January-2021	0	0	0	0	0	0
Sub-Total	1.609730	4724902	0.409239	511281	0.255000	375615
Total	27.443	92976828	21.990	78585358	20.405	81769108

Annexure-16.1

Annexure-I / 1

MINUTES OF THE 58TH MEETING OF NREB HELD ON 25-2-82 AT NEW DELHI.

13 LEVY OF WHEELING CHARGES AND TRANSMISSION LOSSES IN RESPECT OF POWER TO BE TRANSMITTED FROM SIUL POWER STATION OF NHPC.

Sh. Advani (NREB) gave a background of the position regarding levy of wheeling charges and transmission loss and said that all constituents except DESU had agreed to levy of wheeling charges and transmission loss in the case of Siul of 4% on Siul Power transmitted to DESU. They had reservations on payment of wheeling charges. Sh. Pinto (DESU) said that DESU had dissented on levy of wheeling charges as the power was flowing by displacement. Sh. Raina (NHPC) said that policy has to be announced in this regard. After discussion the following decision was taken.

"When the power flows unidirectionally through a Non-beneficiary system to another beneficiary system, wheeling charges and transmission losses shall be paid by the beneficiary state to the non-beneficiary state".

On a query from Sh. Advani it was clarified that this decision would be applicable from the date on which Siul power station was commissioned.

ANNEXURE- I/2

**RELEVANT EXTRACT FROM THE 81ST MEETING OF THE NORTHERN
REGIONAL ELECTRICITY BOARD HELD ON 10TH NOV, 1989.**

Item No. 2.8

**REVISION OF WHEELING CHARGES FOR WHEELING BAIRA
SIUL AND SALAL POWER THROUGH BBMB.**

NREB Secretariat informed that TCC had recommended that the wheeling charges for Baira Siul power be increased from 1.35 P/kWh to 2.4 P/kWh from a prospective date. The TCC had also recommended that wheeling charges for Salal Power be 2.4 P/kWh payable to BBMB and 0.3 P/kWh payable each to Punjab and J&K from the date of commissioning of Salal. The Board approved this recommendation and BBMB also accepted the same.

Annexure-16.2

ANNEXURE-II

Extract of minutes of the 87th meeting of the Northern Region Electricity Board, held at New Delhi on 19th April, 1991.

Item No. 8 RECOMMENDATIONS OF 63RD MEETING OF COMMERCIAL ENGINEERS COMMITTEE HELD ON 25TH AND 26TH FEBRUARY, 1991.

The Board considered the recommendations of the TCC on this issue and decides as follows:-

- i) Wheeling charges for the use of inter-connecting facilities of 220KV Samaipur substation of BBMB.

BBMB to recover wheeling charges @ 0.3 P/kWh for the energy received at BTPS bus over the 220KV Ballabgarh-BTPS lines w.e.f. April 1989 and NREB would identify in the monthly global account of NREB the apportionment of this energy amongst DESU, UPSEB and BBMB partners.

- ii) Wheeling charges payable by J&K to BBMB and Punjab on the energy supplied from Singrauli, Rihand and Western Grid during winter months.

J&K would pay w.e.f. November, 1989 the wheeling charges 2.7 P/kWh i.e. @ 1.5 P/kWh to BBMB and 1.2 P/kWh to PSEB for the energy actually drawn during winter months from Singrauli, Rihand and Western Grid w.e.f. November, 1989 over the BBMB and PSEB networks.

Annexure-16.3

DELHI TRANSCO LIMITED
Office of Manager(LB) Comml. Commercial Deptt.
33KV Grid S/Str. Building, I.P.Estate, New Delhi-110002
Phone : 23378479 Fax :23378976

ANNEX-III

117

ANNEXURE-III/1

No. F.DTL/203/Opr.M(LB)(Comml.)/2008/F-123 /11

Dt :22-04-2008

Sr. Account Office/Revenue
Bhakra Beas Management Board
(Power Wing),
Nangal Township

Sub:- Wheeling Charges Bills of Power drawn from BBMB Lines.

- Ref:- Wheeling Charges bills vide your Memo No.
- (1) 7902/04 dt. 25.03.2008 ——— CP-104 (9/02 to 11/02 qmd 9/07 to 11/07)
 - (2) 7905/07 dt. 25.03.2008 ——— CP-118 — BMC-T28A (9/02 to 11/02 qmd 9/07 to 11/07)
 - (3) 7915/16 dt. 25.03.2008 ——— CP-115 (6ml. 123 A/vv-111) (9/02 to 11/02 qmd 9/07 to 11/07)
 - (4) 7911/12 dt. 25.03.2008 ——— CP-106 (4/07 to 8/07)

Sir,

Please find enclosed herewith above mentioned wheeling charges bills raised by BBMB in original which are being returned as the same do not pertain to DTL (Period 01.07.2002 to 31.03.2007).

It has already been informed to you vide letter No. AM(Comml.)/Fin/PP/3/112 dated 26.11.2007 (copy enclosed) from AM(Comml.Fin.), DTL that the bills prior to 01.07.2002 pertain to Delhi Power Company Ltd., & the bills for that period may please be sent to Delhi Power Company Ltd., at Pre-Fabricated Building, Rajghat Power House, New Delhi-110002.

As DTL ceased to Power Purchase w.e.f. 01.04.2007 as per DERC's order dated 31.03.2007 and all Power Purchase Agreement have been assigned to Distribution Companies of Delhi i.e. BRPL, BYPL, NDPL, NDMC & MES. The bills for the period after 31.03.2007 pertain to Delhi Discoms & the same may please be sent to Delhi Discoms. In this connection, DERC has been clarified in his order vide No. F.3(171)/Tariff/DERC/2007-08/3468 dated 11.12.2007.

The changed scenario of Delhi Power Supply has already been intimated several times to BBMB & already confirmed by Director P&D(TS), BBMB (Chandigarh) in its letter No. 943/P&D(TS)/BB-1 PNGS-147R dated 09.04.2008 (copy enclosed). 1 seed-118

It is therefore, requested you to raise the separate bills within the period 01.07.2002 to 31.03.2007 in favour of DTL, so that further action could be taken on realization of payment of the same to BBMB.

Thanking you,

Yours faithfully,
Sd/-
(Y.P. VERMA)
Manager (LB) Comml.

Encl. as above.

Copy to:-

✓ Addl. Suptdg. Engineer (BBMB)

For information & necessary action please

[Signature]
22.4.08.
Manager (LB) Comml.

My doc/mgrlb 08doc ?

→ to the amount ?

Please with letter to
M/o Navin accordingly.
Adj-2
24
5/5/08

BMC-128
S22
5/5/08

ANNEX-III/2

Ministry of Power, Government of India
Malviya Nagar, New Delhi-110017
Phone: 26673617 Fax: 26673608
e-mail: secy@derc.nic.in Website: www.dercind.org

No.F.3 (171)/Tariff/DERC/2007-08/3468

11.12.2007

To

The Chief Executive Officer,
M/s BSES Rajdhani Power Ltd.,
BSES Bhawan, Nehru Place,
New Delhi - 110019

The Chief Executive Officer,
M/s BSES Yamuna Power Ltd.,
Shakti Kiran Building,
Karkardooma, Delhi - 110092

The Chief Executive Officer,
M/s North Delhi Power Limited,
33 KV Grid Sub-station Building,
Hudson Lines, Kingsway Camp,
New Delhi - 110009

Sub.: Rental for drawl of power by Delhi from Rohtak Road 220k.v. Grid Sub station by BBMB.

Sir,

This is in reference to the above mentioned subject.

2. The Commission has decided that the cost towards the monthly rental and wheeling charges pending from 1st April 2007, may be apportioned on the basis of energy drawn by the three Distribution Companies in the ratio as indicated below:-

i.	DISCOM-I (BYPL)	07.11%
ii.	DISCOM-II (BRPL)	48.52%
iii.	DISCOM-III (NDPL)	44.37%

3. The Distribution Companies are advised to make the necessary payment to BBMB accordingly.

Yours faithfully,

(Somit Dasgupta)
Secretary

cc: Mr Anup Ghosh
Mr Vivek Bhatnagar
Mr Puneet Munjal
Mr Piyush Goyal
Mr Dhruv Bhatnagar

Devi
for Mr. M.

12/12/07

89/2

Annexure-16.4

Annexure- **IV**

**SUMMARY RECORD ON DISCUSSIONS OF THE MEETING OF BBMB POWER-
SUB-COMMITTEE HELD AT DELHI ON 21.12.83**

Item No. 5 Levy of wheeling charges by BBMB on the Baira Siul Power wheeled i.e beneficiary states.

It was observed by Member (Power) that BBMB system was meant for the transmission of power generated by BBMB and accordingly the utilization of this system for transmission of outside power by any of the partner states would abstract the levy of wheeling charges as well as transmission losses.

After discussion on various aspects of the case it was decided that wheeling charges shall be payable by the BBMB partners for injection of any power from outside agency through the BBMB system. With reference to Baia Siul Power it was agreed that since PSEB had installed one 220 KV circuit from Pong to Jullundur which is sufficient for carrying their share of Power from Baira Siul, wheeling charges may not be recovered from PSEB on account of transportation of Baira Siul power from Pong to Jullundur.

RSEB representative observed that incremental losses on account of transportation of additional power on existing transmission lines would be considerably high compare to normal line losses and should be considered/studied while accepting the responsibility for transportation of any outside power to the partner state Elec. Boards. This was agreed to in principle and decided to be studied the same at appropriate time.

Annexure-16.5

Annexure- **V**

उपर क्षेत्रीय विद्युत सिमित माह जनवरी, 2011 का क्षेत्रीय ऊर्जा लेखा

WHEELING CHARGES DURING THE MONTH

1. WHEELING CHARGES @ 2.40 P/kWh ARE PAYABLE FOR **149.32992** LU ENERGY RECEIVED FROM B. SIUL AT PONG AND WHEELED THROUGH BBMB SYSTEM. BBMB WOULD RAISE THE BILLS FOR ITS WHEELING CHARGES ON VARIOUS BENEFICIARIES AND RECOVER THE AMOUNT DIRECTLY.
2. HVPNL WILL PAY WHEELING CHARGES TO UPCL @ 1.0 P/kWh FOR **0.52600** LU IN RESPECT OF ENERGY IMPORTED BY IT OVER KULHAL-GIRI-ABDULLAPUR LINE.
3. HVPNL WILL PAY WHEELING CHARGES TO HPSEB @ 1.0 P/kWh FOR **0.52600** LU OF CENTRAL SECTOR POWER WHEELED TO HARYANA THROUGH H.P. SYSTEM.
4. J&K WILL PAY WHEELING CHARGES FOR **1637.37568** LU ENERGY DRAWN FROM CENTRAL SECTOR STATIONS PAYABLE TO PSEB @ 1.2 P/kWh AND TO BBMB @ 1.5 P/kWh (DURING WINTER MONTHS).
5. BBMB WILL RECOVER WHEELING CHARGES @ 0.3 P/kWh FOR 220 kV SAMAYPUR LINK (CHARGEABLE TO SINGRAULI ENERGY ACCOUNT) FROM VARIOUS CONSTITUENTS AS FOLLOWS :
DTL **31.23621** LU
UPPCL **0.00000** LU
BBMB PARTNERS (PUNJAB, HARYANA AND RAJASTHAN) **161.02767** LU
6. DTL WILL PAY TO UPPCL WHEELING CHARGES @ 1.0 P/kWh FOR **0.00000** LU ENERGY DRAWN FROM UPPCL AT 220 kV PATPARGANJ SUBSTATION.

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय मार प्रेशरिंग केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शाहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188882, Website : www.nrdc.org, www.nrdc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

Ref. No. NRLDC/ MO/

Date: 07th January 2022

To

The Principal Secretary
Power Development Department
Jammu

Kind Attention: Sh. Rohit kansal

Sub: Release of outstanding payment against Statutory Pool Accounts.

Ref: 1) NRLDC Letter Ref No. NRLDCMO, Dt: 21/05/2021, NRLDCMO, Dt: 22/06/2021,
NRLDCMO, Dt: 12/07/2021, NRLDCMO, Dt: 15/07/2021, NRLDCMO, Dt: 17/08/2021,
NRLDCMO, Dt: 06/09/2021, NRLDCMO, Dt: 08/10/2021, NRLDCMO, Dt: 14/10/2021,
NRLDCMO, Dt: 10/11/2021 & NRLDCMO, Dt: 06/01/2022

2) JKPCL vide Email Dt: 05-05-2021, letter ref no. CE/JKPCL/J/T-41(II)/379-811, Dt: 23-06-21 &
letter ref no. CE/JKPCL/J/T-41(II)/319-20, Dt: 15-07-21

Sir,

This has reference to above mentioned letters vide which NRDLDC requested JKPCL to liquidate all the outstanding dues against NRLDC Fee & Charges and statutory pool account.

NRLDC is operating and maintaining the "Northern Regional Pool Accounts" for Deviation Charges, Reactive Energy Charges & Congestion Charges in accordance with various provisions of CERC Regulations. As per CERC Regulations, the payment to pool accounts shall have high priority and the concerned constituents are required to pay the indicated amounts within 10 (Ten) days of issue of the weekly energy account by NRPC Secretariat.

In this regard, last payment received in pool accounts from JKPCL was on 30-09-2021. Now, the outstanding against statutory pool accounts payments as on date (Considering Week 38 of FY 2021-22) by JKPCL is as briefed here under.

All figures in Rs. Lakhs

Sl. No.	Description	Principal (up to Week 38)	Delay Payment Interest	Total Amount
1	Deviation Charges	10199.81	0.00	10199.81
2	Reactive Energy Charges	2605.64	0.00	2605.64
3	Congestion Charges	0.00	0.24 (FY 18-19)	0.24
	Total Outstanding	12805.45	0.24	12805.69

Due to non-receipt of the payment from JKPCL, the payments to the receivable entities from the pool are also getting delayed. Despite various communications and commitment by JKPCL, no payment has been received till date. It is therefore, once again requested to settle all the long pending outstanding against statutory pool accounts of Rs. 128,05,68,827.

Contd..

पंजीकृत एवं केन्द्रीय कार्यालय : प्रथम तल, बी-9, कृतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered & Corporate Office : 1st Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

Page-02-

Further, in this regard it is mentioned that, as per clause 25 (A) of CERC (Open Access in inter-State Transmission) (Amendment) Regulations, 2009, NRLDC is empowered to deny the Short-term Open Access to the entities and associates of such entities, who consistently and will fully default in payments of Statutory Pool Accounts.

Therefore, it is, requested to advise the concerned of JKPCCL to make payments regularly to Statutory Pool Accounts as per the Regulations in order to avoid any further interest liability on delayed payments.

Thanking you

Yours faithfully,

T. N. Nallarasani
(N.Nallarasani)
ED, NRLDC

Copy for kind information:

1. Joint Secretary (OM), Ministry of Power, New Delhi
2. Secretary, CERC, 3 rd & 4 th Floor, Chanderlok Building, 36, Janpath, New Delhi-110001
3. Managing Director, JKPCCL, Jammu
4. Member Secretary, NRPC, Katwaria Sarai, New Delhi
5. CMD, POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi
6. Director (MO), POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi
7. Director (SO), 1st floor, B-9, Qutub Institutional area, Katwaria Sarai, New Delhi

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlc.org, www.nrlc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

संदर्भ: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/

दिनांक: 14th सितंबर 2021

सेवा में,

उपाध्यक्ष, (O&M)

एज़्योर पावर इंडिया प्राइवेट लिमिटेड

(भादला एस.पी.डी.) तीसरी मंजिल,

एसेट 301-304 और 307, वर्ड मार्क -3, एरोसिटी, नई दिल्ली 110037

Sub: Opening of Letter of Credit (LC) against Deviation charges liability – Reminder-1.

Ref: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/ दिनांक: 03rd मई 2021

Dear Sir,

Regulations 10(4) of CERC (Deviation Settlement Mechanism & related matter) dated 06.01.2014 specifies: -

Quote “All regional entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional Charges for Deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the concerned RLDC within a fortnight from the date these Regulations come into force.” **Unquote**

NRLDC vide above referred letter Dt: 03-05-2021, intimated Azure Power Solar, Azure Power Fourty Three Solar & Azure Power Thirty-Four Solar to open LC for defaulting in making payment of deviation ncharges during the financial year 2020-21. The details of payment default in 2020-21 is enclosed at Annexure-I. However, the same is still pending.

It is therefore once again requested that LC amounting to **Rs. 10.78 Lakh** for Azure Power Solar, **Rs. 8.97 Lakh** for Azure Power Fourty Three Solar & **Rs. 7.96 Lakh** for Azure Power Thirty-Four Solar in line with CERC Regulation may please be opened at the earliest in favour of NRLDC as per the prescribed format enclosed as Annexure -II. In case LC is not opened within a fortnight NRLDC shall be constrained to report the matter to CERC.

सधन्यवाद

भवदीय,

(सोमरा लाकरा)

व. महाप्रबंधक (मार्केट ऑपरेशन)

संलग्नक: अनुबंध 1 & 2

- प्रति
1. सचिव, केंद्रीय विद्युत नियामक आयोग, 3&4 मंजिल, चंदर लोक भवन, 36 जनपथ, नई दिल्ली
 2. सदस्य सचिव, उ.क्षे. पा. समिति (NRPC)
 3. मुख्य महाप्रबंधक (I/C), उ. क्षे.भा. प्रे.के
 4. कार्यपालक निदेशक, राष्ट्रीय भार प्रेषण केंद्र

पंजीकृत एवं केन्द्रीय कार्यालय : प्रथम तल, बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered & Corporate Office : 1st Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

LC Computational for AZURE POWER**Annexure-I**

LC Amount (110% of Average Payable) is Rs. 1077968

SQ No.	UTILITY	FINANCIAL YEAR	WEEK	ISSUE DATE	PAYABLE AMOUNT(Rs)	PAID AMOUNT(Rs)	DUE DATE	PAID DATE	DEFAULT DAYS (After Allowing 2 Days)
1	AZURE POWER	2020-2021	2	29-04-2020	3334	3334	09-05-2020	12-05-2020	1
2	AZURE POWER	2020-2021	3	01-05-2020	590786	590786	11-05-2020	12-05-2020	-1
3	AZURE POWER	2020-2021	22	11-09-2020	316246	316246	21-09-2020	23-09-2020	0
4	AZURE POWER	2020-2021	23	21-09-2020	1075146	1075146	01-10-2020	15-10-2020	12
5	AZURE POWER	2020-2021	25	12-10-2020	687652	687652	22-10-2020	21-10-2020	-3
6	AZURE POWER	2020-2021	26	14-10-2020	69565	69565	24-10-2020	21-10-2020	-5
7	AZURE POWER	2020-2021	27	16-10-2020	93445	93445	26-10-2020	21-10-2020	-7
8	AZURE POWER	2020-2021	28	27-10-2020	73090	73090	05-11-2020	13-11-2020	6
9	AZURE POWER	2020-2021	29	04-11-2020	1749128	1749128	13-11-2020	13-11-2020	-2
10	AZURE POWER	2020-2021	30	11-11-2020	550600	550600	21-11-2020	27-11-2020	4
11	AZURE POWER	2020-2021	31	20-11-2020	2539230	2539230	30-11-2020	10-12-2020	8
12	AZURE POWER	2020-2021	32	27-11-2020	757687	757687	07-12-2020	08-12-2020	-1
13	AZURE POWER	2020-2021	33	02-12-2020	3428538	3428538	12-12-2020	08-12-2020	-6
14	AZURE POWER	2020-2021	34	11-12-2020	1045968	1045968	21-12-2020	22-12-2020	-1
15	AZURE POWER	2020-2021	35	14-12-2020	1104752	1024338	24-12-2020	22-12-2020	-4
16	AZURE POWER	2020-2021	35	14-12-2020	1104752	80414	24-12-2020	29-01-2021	34
17	AZURE POWER	2020-2021	40	15-01-2021	1093889	1093889	25-01-2021	22-01-2021	-5
18	AZURE POWER	2020-2021	41	22-01-2021	1467512	1467512	01-02-2021	29-01-2021	-5
19	AZURE POWER	2020-2021	43	04-02-2021	1455258	1455258	14-02-2021	12-02-2021	-4
20	AZURE POWER	2020-2021	45	22-02-2021	960974	960974	04-03-2021	26-02-2021	-8
21	AZURE POWER	2020-2021	46	25-02-2021	691367	691367	07-03-2021	05-03-2021	-4
22	AZURE POWER	2020-2021	47	03-03-2021	825225	825225	13-03-2021	09-03-2021	-6

Average weekly Payble of Financial Year - 2020-2021 : 979971

110% of Average payable : 1077968

No of Default : 6

LC Computational for AZURE FORTY THREE

Annexure-I

LC Amount (110% of Average Payable) is Rs. 896789

SQ No.	UTILITY	FINANCIAL YEAR	WEEK	ISSUE DATE	PAYABLE AMOUNT(Rs)	PAID AMOUNT(Rs)	DUE DATE	PAID DATE	DEFAULT DAYS (After Allowing 2 Days)
1	AZURE FORTY THREE	2020-2021	39	08-01-2021	503276	503276	18-01-2021	16-01-2021	-4
2	AZURE FORTY THREE	2020-2021	40	15-01-2021	1322871	1322871	25-01-2021	22-01-2021	-5
3	AZURE FORTY THREE	2020-2021	41	22-01-2021	1920778	1920778	01-02-2021	28-01-2021	-6
4	AZURE FORTY THREE	2020-2021	43	04-02-2021	80903	80903	14-02-2021	18-02-2021	2
5	AZURE FORTY THREE	2020-2021	45	22-02-2021	183335	183335	04-03-2021	04-03-2021	-2
6	AZURE FORTY THREE	2020-2021	46	25-02-2021	32427	32427	07-03-2021	06-03-2021	-3
7	AZURE FORTY THREE	2020-2021	47	03-03-2021	962802	962802	13-03-2021	10-03-2021	-5
8	AZURE FORTY THREE	2020-2021	50	25-03-2021	1085172	1085172	04-04-2021	03-04-2021	-3
9	AZURE FORTY THREE	2020-2021	51	31-03-2021	1245799	1245799	10-04-2021	03-04-2021	-9
10	AZURE FORTY THREE	2020-2021	51	31-03-2021	1245799	1019207	10-04-2021	16-04-2021	4

Average weekly Payble of Financial Year - 2020-2021 : 815263

110% of Average payable : 896789

No of Default : 2

LC Computational for AZURE THIRTY FOUR SOLAR**Annexure-I****LC Amount (110% of Average Payable) is Rs. 796070**

SQ No.	UTILITY	FINANCIAL YEAR	WEEK	ISSUE DATE	PAYABLE AMOUNT(Rs)	PAID AMOUNT(Rs)	DUE DATE	PAID DATE	DEFAULT DAYS (After Allowing 2 Days)
1	AZURE THIRTY FOUR SOLAR	2020-2021	19	20-08-2020	413725	413725	30-08-2020	15-09-2020	14
2	AZURE THIRTY FOUR SOLAR	2020-2021	22	11-09-2020	105767	105767	21-09-2020	22-09-2020	-1
3	AZURE THIRTY FOUR SOLAR	2020-2021	23	21-09-2020	283171	283171	01-10-2020	16-10-2020	13
4	AZURE THIRTY FOUR SOLAR	2020-2021	26	14-10-2020	310322	310322	24-10-2020	21-10-2020	-5
5	AZURE THIRTY FOUR SOLAR	2020-2021	27	16-10-2020	371271	371271	26-10-2020	21-10-2020	-7
6	AZURE THIRTY FOUR SOLAR	2020-2021	28	27-10-2020	98155	98155	05-11-2020	12-11-2020	5
7	AZURE THIRTY FOUR SOLAR	2020-2021	29	04-11-2020	1639713	1639713	13-11-2020	12-11-2020	-3
8	AZURE THIRTY FOUR SOLAR	2020-2021	30	11-11-2020	234412	234412	21-11-2020	19-11-2020	-4
9	AZURE THIRTY FOUR SOLAR	2020-2021	31	20-11-2020	978296	978296	30-11-2020	02-12-2020	0
10	AZURE THIRTY FOUR SOLAR	2020-2021	33	02-12-2020	1773823	1773823	12-12-2020	07-12-2020	-7
11	AZURE THIRTY FOUR SOLAR	2020-2021	34	11-12-2020	339591	339591	21-12-2020	19-12-2020	-4
12	AZURE THIRTY FOUR SOLAR	2020-2021	35	14-12-2020	295027	287606	24-12-2020	19-12-2020	-7
13	AZURE THIRTY FOUR SOLAR	2020-2021	35	14-12-2020	295027	7421	24-12-2020	28-01-2021	33
14	AZURE THIRTY FOUR SOLAR	2020-2021	40	15-01-2021	1049724	1049724	25-01-2021	21-01-2021	-6
15	AZURE THIRTY FOUR SOLAR	2020-2021	41	22-01-2021	2897272	2897272	01-02-2021	29-01-2021	-5
16	AZURE THIRTY FOUR SOLAR	2020-2021	43	04-02-2021	1161424	1161424	14-02-2021	19-02-2021	3
17	AZURE THIRTY FOUR SOLAR	2020-2021	45	22-02-2021	209872	209872	04-03-2021	02-03-2021	-4
18	AZURE THIRTY FOUR SOLAR	2020-2021	46	25-02-2021	534535	550834	07-03-2021	05-03-2021	-4
19	AZURE THIRTY FOUR SOLAR	2020-2021	47	03-03-2021	330500	330500	13-03-2021	09-03-2021	-6

Average weekly Payble of Financial Year - 2020-2021 : 723700**110% of Average payable : 796070****No of Default : 5**

Annexure-II

Standby Letter of Credit

(To be issued in MT760 Format by the Applicant's Bank)

SBLC REF NO.: _____

DATE: _____

SBLC AMOUNT: _____

EXPIRY DATE: _____

APPLICANT: ----- (HEREINAFTER CALLED "Northern Region DSM Pool members)

BENEFICIARY: Power System Operation Corporation Ltd, Northern Regional Load Despatch Centre, New Delhi (HEREINAFTER CALLED "RLDC")

WHEREAS AS PER CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014 AND ANY AMENDMENTS THEREOF WHEREAS UNDER THE DEVIATION SETTLEMENT MECHANISM (DSM), THE CONSTITUENTS IS TO PAY THE DEVIATION CHARGE FROM TIME TO TIME TO A REGIONAL POOL ACCOUNT KNOWN AS 'DSM POOL' MAINTAINED BY THE RLDC. ALL REGIONAL ENTITIES WHICH HAD AT ANY TIME DURING THE PREVIOUS FINANCIAL YEAR FAILED TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION WITHIN THE TIME SPECIFIED IN THESE REGULATIONS SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT (LC) EQUAL TO 110% OF ITS AVERAGE PAYABLE WEEKLY LIABILITY FOR DEVIATIONS IN THE PREVIOUS FINANCIAL YEAR, IN FAVOUR OF THE CONCERNED RLDC WITHIN A FORTNIGHT FROM THE DATE THESE REGULATIONS COME INTO FORCE.

PROVIDED THAT -

(I) IF ANY REGIONAL ENTITY FAILS TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION BY THE TIME SPECIFIED IN THESE REGULATIONS DURING THE CURRENT FINANCIAL YEAR, IT SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT EQUAL TO 110% OF WEEKLY OUTSTANDING LIABILITY IN FAVOUR OF RESPECTIVE REGIONAL LOAD DESPATCH CENTRE WITHIN A FORTNIGHT FROM THE DUE DATE OF PAYMENT.

(II) LC AMOUNT SHALL BE INCREASED TO 110% OF THE PAYABLE WEEKLY LIABILITY FOR DEVIATION IN ANY WEEK DURING THE YEAR, IF IT EXCEEDS THE PREVIOUS LC AMOUNT BY MORE THAN 50%.

IN ACCORDANCE WITH THE CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014, AND ANY AMENDMENTS THEREOF, AND AS PER THE PAYMENT CALCULATIONS STIPULATED IN ABOVE MENTIONED POINT NOS. (I) AND (II), WE ----- (APPLICANT BANK) HEREBY ISSUE OUR IRREVOCABLE STANDBY LETTER OF CREDIT (SBLC) NO. _____ IN FAVOUR OF BENEFICIARY: POWER SYSTEM OPERATION CORPORATION LTD, NORTHERN REGIONAL LOAD DESPATCH CENTRE, NEW DELHI BY ORDER OF APPLICANT ----- (NAME OF THE APPLICANT), FOR AN AGGREGATE AMOUNT NOT EXCEEDING INR (INDIAN RUPEES _____ ONLY) VALID TILL _____ (DD.MM.YYYY)

THIS STANDBY LETTER OF CREDIT IS AVAILABLE WITH THE ISSUING BANK BY PAYMENT AT SIGHT AGAINST PRESENTATION OF FOLLOWING DOCUMENTS:

1) BENEFICIARY'S SIGNED STATEMENT CERTIFYING THAT THE APPLICANT HAS FAILED TO PAY THE DEVIATION CHARGE TO THE DSM POOL ACCOUNT.

THIS STANDBY LETTER OF CREDIT IS VALID UNTIL _____ (DD.MM.YYYY) AT THE COUNTER OF THE ISSUING BANK.

THE NEGOTIATED AMOUNT AGAINST THE LC SHALL BE TRANSFERRED TO THE BANK DETAIL INDICATED IN THE RESPECTIVE BILLS OF RLDC BY WAY OF RTGS/EFT.

.
RTGS/EFT CHARGES IF ANY SHALL BE CHARGED TO THE ACCOUNT OF LC OPENER.

.
PARTIAL DRAWINGS ARE ALLOWED.
MULTIPLE DRAWINGS ARE ALLOWED.

.
THIS SBLC IS REVOLVING, IRREVOCABLE & UNCONDITIONAL IN NATURE. UPON PAYMENT, THE AMOUNT OF SBLC WILL AUTOMATICALLY GET REINSTATED FOR THE EQUIVALENT AMOUNT OF LAST DRAWING.

.
ALL CHARGES RELATING TO THE LC (INCLUDING LC OPENING, AMENMENTD, NEGOTIATION, REINSTATEMENT, OPERATING) SHALL BE BORNE BY THE LC OPENER.

.
All apparent spelling mistakes/mistakes in LC documents which do not alter meaning/charges payable /description are acceptable and will not count as discrepancy.

.
WE UNDERTAKE TO PAY BENEFICIARY BANK WITHIN 48 HOURS AFTER RECEIPT OF A VALID CLAIM WHICH CAN BE LODGED BY SENDING AN EMAIL TO THE FOLLOWING ID- (), FAX TO THE FOLLOWING NUMBER -() OR A COURIER/REGISTERED POST TO THE FOLLOWING ADDRESS- ()

.
THIS STANDBY LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES 98 (ISP98) OF INTERNATIONAL CHAMBER OF COMMERCE.

.
REGARDS,
(NAME OF THE BANK)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेशन केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

संदर्भ: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/

दिनांक: 14th सितंबर 2021

सेवा में,

मुख्य अभियंता (वाणिज्यिक और सर्वेक्षण विंग)

JKPCL, SLDC बिल्डिंग,

प्रथम तल ग्लेडनी ग्रीड स्टेशन,

नानवाल बाला जम्मू -80 004

Sub: Opening of Letter of Credit (LC) against Deviation charges liability.

Ref: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/ दिनांक: 03rd मई 2021

Dear Sir,

Regulations 10(4) of CERC (Deviation Settlement Mechanism & related matter) dated 06.01.2014 specifies: -

Quote "All regional entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional Charges for Deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the concerned RLDC within a fortnight from the date these Regulations come into force."

Provided that –

(i) if any regional entity fails to make payment of Charges for Deviation including Additional Charges for Deviation by the time specified in these regulations during the current financial year, it shall be required to open a Letter of Credit equal to 110% of weekly outstanding liability in favour of respective Regional Load Despatch Centre within a fortnight from the due date of payment.

(ii) LC amount shall be increased to 110% of the payable weekly liability for Deviation in any week during the year, if it exceeds the previous LC amount by more than 50%." **Unquote**

NRLDC vide above referred letter Dt: 03-05-2021, intimated JKPCL to open LC for an amount of Rs. 177.86 Lakhs for defaulting in making payment of deviation charges during the financial year 2020-21. However, LC has not been opened as on date. In the mean time, during the current FY 2021-22, the maximum payable weekly liability of deviation charges for JKPCL is Rs.3,49,00,877 Details of default in 2021-22 is attached as Annexure-I

Accordingly, JKPCL is requested to open the LC for 110% of Maximum Payable weekly liability of FY 2021-22 amounting to **Rs. 383.91 Lakh** in line with CERC Regulation as per the prescribed format enclosed as Annexure -II. In case LC is not opened within a fortnight NRLDC shall be constrained to report the matter to CERC.

सधन्यवाद

संलग्नक: अनुबंध 1 & 2

भवदीय,

(सोमरा लाकरा)

व. महाप्रबंधक (मार्केट ऑपरेशन)

पंजीकृत एवं केन्द्रीय कार्यालय : प्रथम तल, बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered & Corporate Office : 1st Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

- प्रति
1. सचिव, केंद्रीय विद्युत नियामक आयोग, 3&4 मंजिल, चंदर लोक भवन, 36 जनपथ, नई दिल्ली
 2. सदस्य सचिव, उ.क्ष. पा. समिति (NRPC)
 3. मुख्य महाप्रबंधक (I/C), उ. क्ष.भा. प्रे.क
 4. कार्यपालक निदेशक, राष्ट्रीय भार प्रेषण केंद्र

LC Computational for JAMMU AND KASHMIR

Annexure-I

LC Amount (110% of Max Default payable) is Rs. 38390965

SQ No.	UTILITY	FINANCIAL YEAR	WEEK/ QUART ER	ISSUE DATE	PAYABLE AMOUNT(Rs)	PAID AMOUNT(Rs)	DUE DATE	PAID DATE	DEFAULT DAYS (After Allowing 2 Days)
1	JAMMU AND KASHMIR	2021-2022	3	04-05-2021	3140152		14-05-2021		
2	JAMMU AND KASHMIR	2021-2022	4	06-05-2021	14427151		16-05-2021		
3	JAMMU AND KASHMIR	2021-2022	6	20-05-2021	16602654		30-05-2021		
4	JAMMU AND KASHMIR	2021-2022	7	01-06-2021	18108260		10-06-2021		
5	JAMMU AND KASHMIR	2021-2022	9	11-06-2021	12157382		21-06-2021		
6	JAMMU AND KASHMIR	2021-2022	10	16-06-2021	20612647		26-06-2021		
7	JAMMU AND KASHMIR	2021-2022	11	30-06-2021	5833316		10-07-2021		
8	JAMMU AND KASHMIR	2021-2022	12	09-07-2021	24188230		19-07-2021		
9	JAMMU AND KASHMIR	2021-2022	13	16-07-2021	28670603		26-07-2021		
10	JAMMU AND KASHMIR	2021-2022	14	23-07-2021	34302529		02-08-2021		
11	JAMMU AND KASHMIR	2021-2022	15	28-07-2021	34900877		07-08-2021		
12	JAMMU AND KASHMIR	2021-2022	16	29-07-2021	23710248		08-08-2021		
13	JAMMU AND KASHMIR	2021-2022	17	09-08-2021	14827615		19-08-2021		
14	JAMMU AND KASHMIR	2021-2022	18	13-08-2021	20323468		23-08-2021		
15	JAMMU AND KASHMIR	2021-2022	19	25-08-2021	32378279		04-09-2021		
16	JAMMU AND KASHMIR	2021-2022	20	10-09-2021	19777806		20-09-2021		

Max weekly Default Payble of Financial Year -2021-2022 : 34900877

110% of Max Default payable : 38390965

No of Default : 16

Annexure-II

Standby Letter of Credit

(To be issued in MT760 Format by the Applicant's Bank)

SBLC REF NO.: _____

DATE: _____

SBLC AMOUNT: _____

EXPIRY DATE: _____

APPLICANT: ----- (HEREINAFTER CALLED "Northern Region DSM Pool members)

BENEFICIARY: Power System Operation Corporation Ltd, Northern Regional Load Despatch Centre, New Delhi (HEREINAFTER CALLED "RLDC")

WHEREAS AS PER CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014 AND ANY AMENDMENTS THEREOF WHEREAS UNDER THE DEVIATION SETTLEMENT MECHANISM (DSM), THE CONSTITUENTS IS TO PAY THE DEVIATION CHARGE FROM TIME TO TIME TO A REGIONAL POOL ACCOUNT KNOWN AS 'DSM POOL' MAINTAINED BY THE RLDC. ALL REGIONAL ENTITIES WHICH HAD AT ANY TIME DURING THE PREVIOUS FINANCIAL YEAR FAILED TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION WITHIN THE TIME SPECIFIED IN THESE REGULATIONS SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT (LC) EQUAL TO 110% OF ITS AVERAGE PAYABLE WEEKLY LIABILITY FOR DEVIATIONS IN THE PREVIOUS FINANCIAL YEAR, IN FAVOUR OF THE CONCERNED RLDC WITHIN A FORTNIGHT FROM THE DATE THESE REGULATIONS COME INTO FORCE.

PROVIDED THAT -

(I) IF ANY REGIONAL ENTITY FAILS TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION BY THE TIME SPECIFIED IN THESE REGULATIONS DURING THE CURRENT FINANCIAL YEAR, IT SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT EQUAL TO 110% OF WEEKLY OUTSTANDING LIABILITY IN FAVOUR OF RESPECTIVE REGIONAL LOAD DESPATCH CENTRE WITHIN A FORTNIGHT FROM THE DUE DATE OF PAYMENT.

(II) LC AMOUNT SHALL BE INCREASED TO 110% OF THE PAYABLE WEEKLY LIABILITY FOR DEVIATION IN ANY WEEK DURING THE YEAR, IF IT EXCEEDS THE PREVIOUS LC AMOUNT BY MORE THAN 50%.

IN ACCORDANCE WITH THE CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014, AND ANY AMENDMENTS THEREOF, AND AS PER THE PAYMENT CALCULATIONS STIPULATED IN ABOVE MENTIONED POINT NOS. (I) AND (II), WE ----- (APPLICANT BANK) HEREBY ISSUE OUR IRREVOCABLE STANDBY LETTER OF CREDIT (SBLC) NO. _____ IN FAVOUR OF BENEFICIARY: POWER SYSTEM OPERATION CORPORATION LTD, NORTHERN REGIONAL LOAD DESPATCH CENTRE, NEW DELHI BY ORDER OF APPLICANT ----- (NAME OF THE APPLICANT), FOR AN AGGREGATE AMOUNT NOT EXCEEDING INR (INDIAN RUPEES _____ ONLY) VALID TILL _____ (DD.MM.YYYY)

THIS STANDBY LETTER OF CREDIT IS AVAILABLE WITH THE ISSUING BANK BY PAYMENT AT SIGHT AGAINST PRESENTATION OF FOLLOWING DOCUMENTS:

1) BENEFICIARY'S SIGNED STATEMENT CERTIFYING THAT THE APPLICANT HAS FAILED TO PAY THE DEVIATION CHARGE TO THE DSM POOL ACCOUNT.

THIS STANDBY LETTER OF CREDIT IS VALID UNTIL _____ (DD.MM.YYYY) AT THE COUNTER OF THE ISSUING BANK.

THE NEGOTIATED AMOUNT AGAINST THE LC SHALL BE TRANSFERRED TO THE BANK DETAIL INDICATED IN THE RESPECTIVE BILLS OF RLDC BY WAY OF RTGS/EFT.

.
RTGS/EFT CHARGES IF ANY SHALL BE CHARGED TO THE ACCOUNT OF LC OPENER.

.
PARTIAL DRAWINGS ARE ALLOWED.
MULTIPLE DRAWINGS ARE ALLOWED.

.
THIS SBLC IS REVOLVING, IRREVOCABLE & UNCONDITIONAL IN NATURE. UPON PAYMENT, THE AMOUNT OF SBLC WILL AUTOMATICALLY GET REINSTATED FOR THE EQUIVALENT AMOUNT OF LAST DRAWING.

.
ALL CHARGES RELATING TO THE LC (INCLUDING LC OPENING, AMENMENTD, NEGOTIATION, REINSTATEMENT, OPERATING) SHALL BE BORNE BY THE LC OPENER.

.
All apparent spelling mistakes/mistakes in LC documents which do not alter meaning/charges payable /description are acceptable and will not count as discrepancy.

.
WE UNDERTAKE TO PAY BENEFICIARY BANK WITHIN 48 HOURS AFTER RECEIPT OF A VALID CLAIM WHICH CAN BE LODGED BY SENDING AN EMAIL TO THE FOLLOWING ID- (), FAX TO THE FOLLOWING NUMBER -() OR A COURIER/REGISTERED POST TO THE FOLLOWING ADDRESS- ()

.
THIS STANDBY LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES 98 (ISP98) OF INTERNATIONAL CHAMBER OF COMMERCE.

.
REGARDS,
(NAME OF THE BANK)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlc.org, www.nrlc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

संदर्भ: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/

दिनांक: 14th सितंबर 2021

सेवा में,
उप महाप्रबंधक, इलेक्ट्रिकल
नेशनल फर्टिलाइजर्स लिमिटेड (NFL),
जिला: - रोपड़, नया नांगल 140124, पंजाब

Sub: Opening of Letter of Credit (LC) against Deviation charges liability – Reminder-1.

Ref: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/ दिनांक: 03rd मई 2021

Dear Sir,

Regulations 10(4) of CERC (Deviation Settlement Mechanism & related matter) dated 06.01.2014 specifies: -

Quote “All regional entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional Charges for Deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the concerned RLDC within a fortnight from the date these Regulations come into force.” **Unquote**

NRLDC vide above referred letter Dt: 03-05-2021, intimated NFL to open LC for defaulting in making payment of deviation charges during the financial year 2020-21. The details of payment default in 2020-21 is enclosed at Annexure-I. However, the same is still pending.

It is therefore once again requested that LC amounting to **Rs. 1.14 Lakh** in line with CERC Regulation may please be opened at the earliest in favour of NRLDC as per the prescribed format enclosed as Annexure -II. In case LC is not opened within a fortnight NRLDC shall be constrained to report the matter to CERC.

सधन्यवाद

भवदीय,

(सोमरा लाकरा)

व. महाप्रबंधक (मार्केट ऑपरेशन)

संलग्नक: अनुबंध 1 & 2

- प्रति
1. सचिव, केंद्रीय विद्युत नियामक आयोग, 3&4 मंजिल, चंदर लोक भवन, 36 जनपथ, नई दिल्ली
 2. सदस्य सचिव, उ.क्षे. पा. समिति (NRPC)
 3. मुख्य महाप्रबंधक (I/C), उ. क्षे.भा. प्रे.के
 4. कार्यपालक निदेशक, राष्ट्रीय भार प्रेषण केन्द्र

पंजीकृत एवं केन्द्रीय कार्यालय : प्रथम तल, बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered & Corporate Office : 1st Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

Page-02-

Further, in this regard it is mentioned that, as per clause 25 (A) of CERC (Open Access in inter-State Transmission) (Amendment) Regulations, 2009, NRLDC is empowered to deny the Short-term Open Access to the entities and associates of such entities, who consistently and will fully default in payments of Statutory Pool Accounts.

Therefore, it is, requested to advice the concerned of JKPCL to make payments regularly to Statutory Pool Accounts as per the Regulations in order to avoid any further interest liability on delayed payments.

Thanking you

Yours faithfully,

T. S. G. Nallarasani
(N.Nallarasani)
7/11/22
ED, NRLDC

Copy for kind information:

1. Joint Secretary (OM), Ministry of Power, New Delhi
2. Secretary, CERC, 3 rd & 4 th Floor, Chanderlok Building, 36, Janpath, New Delhi-110001
3. Managing Director, JKPCL, Jammu
4. Member Secretary, NRPC, Katwaria Sarai, New Delhi
5. CMD, POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi
6. Director (MO), POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi
7. Director (SO), 1st floor, B-9, Qutub Institutional area, Katwaria Sarai, New Delhi

LC Computational for NFL

Annexure-I

LC Amount (110% of Average Payable) is Rs. 113573

SQ No.	UTILITY	FINANCIAL YEAR	WEEK	ISSUE DATE	PAYABLE AMOUNT(Rs)	PAID AMOUNT(Rs)	DUE DATE	PAID DATE	DEFAULT DAYS (After Allowing 2 Days)
1	NFL	2020-2021	3	01-05-2020	47881	47881	11-05-2020	20-05-2020	7
2	NFL	2020-2021	6	22-05-2020	75849	75849	01-06-2020	26-05-2020	-8
3	NFL	2020-2021	7	29-05-2020	2456	2456	08-06-2020	04-06-2020	-6
4	NFL	2020-2021	9	17-06-2020	2171	2171	27-06-2020	23-06-2020	-6
5	NFL	2020-2021	11	30-06-2020	24647	24647	10-07-2020	04-07-2020	-8
6	NFL	2020-2021	12	02-07-2020	23787	23787	12-07-2020	09-07-2020	-5
7	NFL	2020-2021	13	08-07-2020	5007	5007	18-07-2020	13-07-2020	-7
8	NFL	2020-2021	14	20-07-2020	7036	7036	30-07-2020	24-07-2020	-8
9	NFL	2020-2021	16	30-07-2020	305513	305513	09-08-2020	06-08-2020	-5
10	NFL	2020-2021	17	07-08-2020	49715	49715	17-08-2020	14-08-2020	-5
11	NFL	2020-2021	18	17-08-2020	37515	37515	27-08-2020	21-08-2020	-8
12	NFL	2020-2021	19	20-08-2020	45444	45444	30-08-2020	31-08-2020	-1
13	NFL	2020-2021	20	26-08-2020	34422	34422	05-09-2020	31-08-2020	-7
14	NFL	2020-2021	22	11-09-2020	16697	16697	21-09-2020	15-09-2020	-8
15	NFL	2020-2021	26	14-10-2020	117832	117832	24-10-2020	20-10-2020	-6
16	NFL	2020-2021	38	06-01-2021	9516		16-01-2021		
17	NFL	2020-2021	40	15-01-2021	9859		25-01-2021		
18	NFL	2020-2021	44	11-02-2021	14959	14959	21-02-2021	19-02-2021	-4
19	NFL	2020-2021	45	22-02-2021	1209359	1209359	04-03-2021	02-03-2021	-4
20	NFL	2020-2021	47	03-03-2021	23545	23545	13-03-2021	08-03-2021	-7
21	NFL	2020-2021	51	31-03-2021	105008	105008	10-04-2021	06-04-2021	-6

Average weekly Payble of Financial Year - 2020-2021 : 103248

110% of Average payable : 113573

No of Default : 3

Annexure-II

Standby Letter of Credit

(To be issued in MT760 Format by the Applicant's Bank)

SBLC REF NO.: _____
DATE: _____
SBLC AMOUNT: _____
EXPIRY DATE: _____

APPLICANT: ----- (HEREINAFTER CALLED "Northern Region DSM Pool members)

BENEFICIARY: Power System Operation Corporation Ltd, Northern Regional Load Despatch Centre, New Delhi (HEREINAFTER CALLED "RLDC")

WHEREAS AS PER CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014 AND ANY AMENDMENTS THEREOF WHEREAS UNDER THE DEVIATION SETTLEMENT MECHANISM (DSM), THE CONSTITUENTS IS TO PAY THE DEVIATION CHARGE FROM TIME TO TIME TO A REGIONAL POOL ACCOUNT KNOWN AS 'DSM POOL' MAINTAINED BY THE RLDC. ALL REGIONAL ENTITIES WHICH HAD AT ANY TIME DURING THE PREVIOUS FINANCIAL YEAR FAILED TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION WITHIN THE TIME SPECIFIED IN THESE REGULATIONS SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT (LC) EQUAL TO 110% OF ITS AVERAGE PAYABLE WEEKLY LIABILITY FOR DEVIATIONS IN THE PREVIOUS FINANCIAL YEAR, IN FAVOUR OF THE CONCERNED RLDC WITHIN A FORTNIGHT FROM THE DATE THESE REGULATIONS COME INTO FORCE.

PROVIDED THAT -

(I) IF ANY REGIONAL ENTITY FAILS TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION BY THE TIME SPECIFIED IN THESE REGULATIONS DURING THE CURRENT FINANCIAL YEAR, IT SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT EQUAL TO 110% OF WEEKLY OUTSTANDING LIABILITY IN FAVOUR OF RESPECTIVE REGIONAL LOAD DESPATCH CENTRE WITHIN A FORTNIGHT FROM THE DUE DATE OF PAYMENT.

(II) LC AMOUNT SHALL BE INCREASED TO 110% OF THE PAYABLE WEEKLY LIABILITY FOR DEVIATION IN ANY WEEK DURING THE YEAR, IF IT EXCEEDS THE PREVIOUS LC AMOUNT BY MORE THAN 50%.

IN ACCORDANCE WITH THE CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014, AND ANY AMENDMENTS THEREOF, AND AS PER THE PAYMENT CALCULATIONS STIPULATED IN ABOVE MENTIONED POINT NOS. (I) AND (II), WE ----- (APPLICANT BANK) HEREBY ISSUE OUR IRREVOCABLE STANDBY LETTER OF CREDIT (SBLC) NO. _____ IN FAVOUR OF BENEFICIARY: POWER SYSTEM OPERATION CORPORATION LTD, NORTHERN REGIONAL LOAD DESPATCH CENTRE, NEW DELHI BY ORDER OF APPLICANT ----- (NAME OF THE APPLICANT), FOR AN AGGREGATE AMOUNT NOT EXCEEDING INR (INDIAN RUPEES _____ ONLY) VALID TILL _____ (DD.MM.YYYY)

THIS STANDBY LETTER OF CREDIT IS AVAILABLE WITH THE ISSUING BANK BY PAYMENT AT SIGHT AGAINST PRESENTATION OF FOLLOWING DOCUMENTS:

1) BENEFICIARY'S SIGNED STATEMENT CERTIFYING THAT THE APPLICANT HAS FAILED TO PAY THE DEVIATION CHARGE TO THE DSM POOL ACCOUNT.

THIS STANDBY LETTER OF CREDIT IS VALID UNTIL _____ (DD.MM.YYYY) AT THE COUNTER OF THE ISSUING BANK.

THE NEGOTIATED AMOUNT AGAINST THE LC SHALL BE TRANSFERRED TO THE BANK DETAIL INDICATED IN THE RESPECTIVE BILLS OF RLDC BY WAY OF RTGS/EFT.

.
RTGS/EFT CHARGES IF ANY SHALL BE CHARGED TO THE ACCOUNT OF LC OPENER.

.
PARTIAL DRAWINGS ARE ALLOWED.
MULTIPLE DRAWINGS ARE ALLOWED.

.
THIS SBLC IS REVOLVING, IRREVOCABLE & UNCONDITIONAL IN NATURE. UPON PAYMENT, THE AMOUNT OF SBLC WILL AUTOMATICALLY GET REINSTATED FOR THE EQUIVALENT AMOUNT OF LAST DRAWING.

.
ALL CHARGES RELATING TO THE LC (INCLUDING LC OPENING, AMENMENTD, NEGOTIATION, REINSTATEMENT, OPERATING) SHALL BE BORNE BY THE LC OPENER.

.
All apparent spelling mistakes/mistakes in LC documents which do not alter meaning/charges payable /description are acceptable and will not count as discrepancy.

.
WE UNDERTAKE TO PAY BENEFICIARY BANK WITHIN 48 HOURS AFTER RECEIPT OF A VALID CLAIM WHICH CAN BE LODGED BY SENDING AN EMAIL TO THE FOLLOWING ID- (), FAX TO THE FOLLOWING NUMBER -() OR A COURIER/REGISTERED POST TO THE FOLLOWING ADDRESS- ()

.
THIS STANDBY LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES 98 (ISP98) OF INTERNATIONAL CHAMBER OF COMMERCE.

.
REGARDS,
(NAME OF THE BANK)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

संदर्भ: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/

दिनांक: 14th सितंबर 2021

सेवा में,
मुख्य महाप्रबंधक (वाणिज्यिक)
उत्तराखंड पावर कारपोरेशन लिमिटेड
कांवली रोड, ऊर्जा भवन
देहरादून -248001, उत्तराखंड

Sub: Opening of Letter of Credit (LC) against Deviation charges liability – Reminder-1.
Ref: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/ दिनांक: 03rd मई 2021

Dear Sir,

Regulations 10(4) of CERC (Deviation Settlement Mechanism & related matter) dated 06.01.2014 specifies: -

Quote “All regional entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional Charges for Deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the concerned RLDC within a fortnight from the date these Regulations come into force.” **Unquote**

NRLDC vide above referred letter Dt: 03-05-2021, intimated Uttarakhand to open LC for defaulting in making payment of deviation ncharges during the financial year 2020-21. The details of payment default in 2020-21 is enclosed at Annexure-I. However, the same is still pending.

It is therefore once again requested that LC amounting to **Rs. 172.72 Lakh** in line with CERC Regulation may please be opened at the earliest in favour of NRLDC as per the prescribed format enclosed as Annexure -II. In case LC is not opened within a fortnight NRLDC shall be constrained to report the matter to CERC.

सधन्यवाद

भवदीय,

(सोमरा लाकरा)

व. महाप्रबंधक (मार्केट ऑपरेशन)

संलग्नक: अनुबंध 1 & 2

- प्रति
1. सचिव, केंद्रीय विद्युत नियामक आयोग, 3&4 मंजिल, चंदर लोक भवन, 36 जनपथ, नई दिल्ली
 2. सदस्य सचिव, उ.क्षे. पा. समिति (NRPC)
 3. मुख्य महाप्रबंधक (I/C), उ. क्षे.भा. प्रे.क
 4. कार्यपालक निदेशक, राष्ट्रीय भार प्रेषण केन्द्र

पंजीकृत एवं केन्द्रीय कार्यालय : प्रथम तल, बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered & Corporate Office : 1st Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

LC Computational for UTTARAKHAND**Annexure-I**

LC Amount (110% of Average Payable) is Rs. 17271606

SQ No.	UTILITY	FINANCIAL YEAR	WEEK	ISSUE DATE	PAYABLE AMOUNT(Rs)	PAID AMOUNT(Rs)	DUE DATE	PAID DATE	DEFAULT DAYS (After Allowing 2 Days)
1	UTTARAKHAND	2020-2021	1	27-04-2020	9241791	4375928	07-05-2020	23-06-2020	45
2	UTTARAKHAND	2020-2021	1	27-04-2020	9241791	4865863	07-05-2020	18-08-2020	101
3	UTTARAKHAND	2020-2021	2	29-04-2020	24799494	15626065	09-05-2020	18-08-2020	99
4	UTTARAKHAND	2020-2021	2	29-04-2020	24799494	9173429	09-05-2020	19-09-2020	131
5	UTTARAKHAND	2020-2021	3	01-05-2020	1525816	1525816	11-05-2020	20-05-2020	7
6	UTTARAKHAND	2020-2021	4	11-05-2020	1340206	1340206	21-05-2020	27-05-2020	4
7	UTTARAKHAND	2020-2021	6	22-05-2020	4973671	4973671	01-06-2020	02-06-2020	-1
8	UTTARAKHAND	2020-2021	7	29-05-2020	8242683	8242683	08-06-2020	16-06-2020	6
9	UTTARAKHAND	2020-2021	8	08-06-2020	2893862	2893862	18-06-2020	18-06-2020	-2
10	UTTARAKHAND	2020-2021	9	17-06-2020	4375628	3800204	27-06-2020	19-09-2020	82
11	UTTARAKHAND	2020-2021	9	17-06-2020	4375628	575424	27-06-2020	01-10-2020	94
12	UTTARAKHAND	2020-2021	10	26-06-2020	5894808	5894508	06-07-2020	06-07-2020	-2
13	UTTARAKHAND	2020-2021	10	26-06-2020	5894808	300	06-07-2020	01-10-2020	85
14	UTTARAKHAND	2020-2021	11	30-06-2020	14234830	14234830	10-07-2020	10-07-2020	-2
15	UTTARAKHAND	2020-2021	12	02-07-2020	3134191	3134191	12-07-2020	10-07-2020	-4
16	UTTARAKHAND	2020-2021	13	08-07-2020	15233809	15233809	18-07-2020	18-07-2020	-2
17	UTTARAKHAND	2020-2021	14	20-07-2020	17026616	17026616	30-07-2020	30-07-2020	-2
18	UTTARAKHAND	2020-2021	15	22-07-2020	7684334	7684334	01-08-2020	04-08-2020	1
19	UTTARAKHAND	2020-2021	16	30-07-2020	27064951	27064951	09-08-2020	10-08-2020	-1
20	UTTARAKHAND	2020-2021	17	07-08-2020	1573796	1573796	17-08-2020	17-08-2020	-2
21	UTTARAKHAND	2020-2021	19	20-08-2020	21143373	19973525	30-08-2020	29-08-2020	-3
22	UTTARAKHAND	2020-2021	19	20-08-2020	21143373	1169848	30-08-2020	01-10-2020	30
23	UTTARAKHAND	2020-2021	20	26-08-2020	15270511	15270511	05-09-2020	05-09-2020	-2
24	UTTARAKHAND	2020-2021	21	02-09-2020	15679744	15679744	12-09-2020	11-09-2020	-3
25	UTTARAKHAND	2020-2021	22	11-09-2020	18940788	18940788	21-09-2020	21-09-2020	-2
26	UTTARAKHAND	2020-2021	23	21-09-2020	23430652	21769633	01-10-2020	01-10-2020	-2
27	UTTARAKHAND	2020-2021	24	26-09-2020	22911261	238286	06-10-2020	01-10-2020	-7
28	UTTARAKHAND	2020-2021	24	26-09-2020	22911261	22672975	06-10-2020	07-10-2020	-1
29	UTTARAKHAND	2020-2021	25	12-10-2020	12024999	12024999	22-10-2020	22-10-2020	-2
30	UTTARAKHAND	2020-2021	26	14-10-2020	1569395	1569395	24-10-2020	23-10-2020	-3
31	UTTARAKHAND	2020-2021	27	16-10-2020	8464549	8464549	26-10-2020	26-10-2020	-2
32	UTTARAKHAND	2020-2021	28	27-10-2020	12593718	12593718	05-11-2020	05-11-2020	-2
33	UTTARAKHAND	2020-2021	29	04-11-2020	11647384	11647384	13-11-2020	13-11-2020	-2
34	UTTARAKHAND	2020-2021	30	11-11-2020	12416322	12416322	21-11-2020	21-11-2020	-2
35	UTTARAKHAND	2020-2021	31	20-11-2020	15960552	15960552	30-11-2020	27-11-2020	-5
36	UTTARAKHAND	2020-2021	32	27-11-2020	15437077	15437077	07-12-2020	07-12-2020	-2
37	UTTARAKHAND	2020-2021	33	02-12-2020	4761517	4761517	12-12-2020	11-12-2020	-3
38	UTTARAKHAND	2020-2021	34	11-12-2020	16381407	16381407	21-12-2020	21-12-2020	-2
39	UTTARAKHAND	2020-2021	35	14-12-2020	13550264	13550264	24-12-2020	24-12-2020	-2
40	UTTARAKHAND	2020-2021	36	18-12-2020	27323147	27323147	28-12-2020	28-12-2020	-2
41	UTTARAKHAND	2020-2021	37	24-12-2020	13697766	13697766	03-01-2021	02-01-2021	-3
42	UTTARAKHAND	2020-2021	38	06-01-2021	22545900	22545900	16-01-2021	16-01-2021	-2
43	UTTARAKHAND	2020-2021	39	08-01-2021	17085991	17085991	18-01-2021	18-01-2021	-2
44	UTTARAKHAND	2020-2021	40	15-01-2021	17913007	17913007	25-01-2021	25-01-2021	-2
45	UTTARAKHAND	2020-2021	41	22-01-2021	12328673	12328673	01-02-2021	01-02-2021	-2
46	UTTARAKHAND	2020-2021	42	29-01-2021	31120366	31120366	08-02-2021	08-02-2021	-2
47	UTTARAKHAND	2020-2021	43	04-02-2021	17547004	17547004	14-02-2021	12-02-2021	-4
48	UTTARAKHAND	2020-2021	44	11-02-2021	21068599	21068599	21-02-2021	20-02-2021	-3
49	UTTARAKHAND	2020-2021	45	22-02-2021	14210939	14210939	04-03-2021	04-03-2021	-2
50	UTTARAKHAND	2020-2021	46	25-02-2021	11651230	11651230	07-03-2021	06-03-2021	-3
51	UTTARAKHAND	2020-2021	47	03-03-2021	9522435	9522435	13-03-2021	12-03-2021	-3
52	UTTARAKHAND	2020-2021	48	10-03-2021	25895067	25895067	20-03-2021	19-03-2021	-3
53	UTTARAKHAND	2020-2021	49	19-03-2021	22553853	22553853	29-03-2021	27-03-2021	-4
54	UTTARAKHAND	2020-2021	50	25-03-2021	52355550	52355550	04-04-2021	03-04-2021	-3
55	UTTARAKHAND	2020-2021	51	31-03-2021	49518387	49518387	10-04-2021	09-04-2021	-3
56	UTTARAKHAND	2020-2021	52	09-04-2021	27311088	27311088	19-04-2021	19-04-2021	-2

Average weekly Payable of Financial Year - 2020-2021 : 15701460

110% of Average payable : 17271606

No of Default : 09

Annexure-II

Standby Letter of Credit

(To be issued in MT760 Format by the Applicant's Bank)

SBLC REF NO.: _____

DATE: _____

SBLC AMOUNT: _____

EXPIRY DATE: _____

APPLICANT: ----- (HEREINAFTER CALLED "Northern Region DSM Pool members)

BENEFICIARY: Power System Operation Corporation Ltd, Northern Regional Load Despatch Centre, New Delhi (HEREINAFTER CALLED "RLDC")

WHEREAS AS PER CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014 AND ANY AMENDMENTS THEREOF WHEREAS UNDER THE DEVIATION SETTLEMENT MECHANISM (DSM), THE CONSTITUENTS IS TO PAY THE DEVIATION CHARGE FROM TIME TO TIME TO A REGIONAL POOL ACCOUNT KNOWN AS 'DSM POOL' MAINTAINED BY THE RLDC. ALL REGIONAL ENTITIES WHICH HAD AT ANY TIME DURING THE PREVIOUS FINANCIAL YEAR FAILED TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION WITHIN THE TIME SPECIFIED IN THESE REGULATIONS SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT (LC) EQUAL TO 110% OF ITS AVERAGE PAYABLE WEEKLY LIABILITY FOR DEVIATIONS IN THE PREVIOUS FINANCIAL YEAR, IN FAVOUR OF THE CONCERNED RLDC WITHIN A FORTNIGHT FROM THE DATE THESE REGULATIONS COME INTO FORCE.

PROVIDED THAT -

(I) IF ANY REGIONAL ENTITY FAILS TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION BY THE TIME SPECIFIED IN THESE REGULATIONS DURING THE CURRENT FINANCIAL YEAR, IT SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT EQUAL TO 110% OF WEEKLY OUTSTANDING LIABILITY IN FAVOUR OF RESPECTIVE REGIONAL LOAD DESPATCH CENTRE WITHIN A FORTNIGHT FROM THE DUE DATE OF PAYMENT.

(II) LC AMOUNT SHALL BE INCREASED TO 110% OF THE PAYABLE WEEKLY LIABILITY FOR DEVIATION IN ANY WEEK DURING THE YEAR, IF IT EXCEEDS THE PREVIOUS LC AMOUNT BY MORE THAN 50%.

IN ACCORDANCE WITH THE CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014, AND ANY AMENDMENTS THEREOF, AND AS PER THE PAYMENT CALCULATIONS STIPULATED IN ABOVE MENTIONED POINT NOS. (I) AND (II), WE ----- (APPLICANT BANK) HEREBY ISSUE OUR IRREVOCABLE STANDBY LETTER OF CREDIT (SBLC) NO. _____ IN FAVOUR OF BENEFICIARY: POWER SYSTEM OPERATION CORPORATION LTD, NORTHERN REGIONAL LOAD DESPATCH CENTRE, NEW DELHI BY ORDER OF APPLICANT ----- (NAME OF THE APPLICANT), FOR AN AGGREGATE AMOUNT NOT EXCEEDING INR (INDIAN RUPEES _____ ONLY) VALID TILL _____ (DD.MM.YYYY)

THIS STANDBY LETTER OF CREDIT IS AVAILABLE WITH THE ISSUING BANK BY PAYMENT AT SIGHT AGAINST PRESENTATION OF FOLLOWING DOCUMENTS:

1) BENEFICIARY'S SIGNED STATEMENT CERTIFYING THAT THE APPLICANT HAS FAILED TO PAY THE DEVIATION CHARGE TO THE DSM POOL ACCOUNT.

THIS STANDBY LETTER OF CREDIT IS VALID UNTIL _____ (DD.MM.YYYY) AT THE COUNTER OF THE ISSUING BANK.

THE NEGOTIATED AMOUNT AGAINST THE LC SHALL BE TRANSFERRED TO THE BANK DETAIL INDICATED IN THE RESPECTIVE BILLS OF RLDC BY WAY OF RTGS/EFT.

.
RTGS/EFT CHARGES IF ANY SHALL BE CHARGED TO THE ACCOUNT OF LC OPENER.

.
PARTIAL DRAWINGS ARE ALLOWED.
MULTIPLE DRAWINGS ARE ALLOWED.

.
THIS SBLC IS REVOLVING, IRREVOCABLE & UNCONDITIONAL IN NATURE. UPON PAYMENT, THE AMOUNT OF SBLC WILL AUTOMATICALLY GET REINSTATED FOR THE EQUIVALENT AMOUNT OF LAST DRAWING.

.
ALL CHARGES RELATING TO THE LC (INCLUDING LC OPENING, AMENMENTD, NEGOTIATION, REINSTATEMENT, OPERATING) SHALL BE BORNE BY THE LC OPENER.

.
All apparent spelling mistakes/mistakes in LC documents which do not alter meaning/charges payable /description are acceptable and will not count as discrepancy.

.
WE UNDERTAKE TO PAY BENEFICIARY BANK WITHIN 48 HOURS AFTER RECEIPT OF A VALID CLAIM WHICH CAN BE LODGED BY SENDING AN EMAIL TO THE FOLLOWING ID- (), FAX TO THE FOLLOWING NUMBER -() OR A COURIER/REGISTERED POST TO THE FOLLOWING ADDRESS- ()

.
THIS STANDBY LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES 98 (ISP98) OF INTERNATIONAL CHAMBER OF COMMERCE.

.
REGARDS,
(NAME OF THE BANK)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlc.org, www.nrlc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

संदर्भ: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/

दिनांक: 14th सितंबर 2021

सेवा में,
अधीक्षण अभियंता, (बिजली आयात - निर्यात और भुगतान सर्किल)
उत्तर प्रदेश पावर कारपोरेशन लिमिटेड,
11 वीं मंजिल शक्ति भवन एक्सटेंशन,
14 अशोक मार्ग लखनऊ - 226 001 उत्तर प्रदेश

Sub: Opening of Letter of Credit (LC) against Deviation charges liability – Reminder-1.

Ref: उ.क्षे.भा.प्रे.के. / मार्केट ऑपरेशन / 2021-22/ दिनांक: 03rd मई 2021

Dear Sir,

Regulations 10(4) of CERC (Deviation Settlement Mechanism & related matter) dated 06.01.2014 specifies: -

Quote “All regional entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional Charges for Deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the concerned RLDC within a fortnight from the date these Regulations come into force.” **Unquote**

NRLDC vide above referred letter Dt: 03-05-2021, intimated Uttarpradesh to open LC for defaulting in making payment of deviation charges during the financial year 2020-21. The details of payment default in 2020-21 is enclosed at Annexure-I. However, the same is still pending.

It is therefore once again requested that LC amounting to **Rs. 487.84 Lakh** in line with CERC Regulation may please be opened at the earliest in favour of NRLDC as per the prescribed format enclosed as Annexure -II. In case LC is not opened within a fortnight NRLDC shall be constrained to report the matter to CERC.

सधन्यवाद

भवदीय,

(सोमरा लाकरा)

व. महाप्रबंधक (मार्केट ऑपरेशन)

संलग्नक: अनुबंध 1 & 2

- प्रति
1. सचिव, केंद्रीय विद्युत नियामक आयोग, 3&4 मंजिल, चंदर लोक भवन, 36 जनपथ, नई दिल्ली
 2. सदस्य सचिव, उ.क्षे. पा. समिति (NRPC)
 3. मुख्य महाप्रबंधक (I/C), उ. क्षे.भा. प्रे.के
 4. कार्यपालक निदेशक, राष्ट्रीय भार प्रेषण केंद्र

पंजीकृत एवं केन्द्रीय कार्यालय : प्रथम तल, बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered & Corporate Office : 1st Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

LC Computational for UTTAR PRADESH
LC Amount (110% of Average Payable) is Rs. 48784413

Annexure-I

SQ No.	UTILITY	FINANCIAL YEAR	WEEK	ISSUE DATE	PAYABLE AMOUNT(Rs)	PAID AMOUNT(Rs)	DUE DATE	PAID DATE	DEFAULT DAYS (After Allowing 2 Days)
1	UTTAR PRADESH	2020-2021	1	27-04-2020	63495442	63495442	07-05-2020	06-05-2020	-3
2	UTTAR PRADESH	2020-2021	2	29-04-2020	143827596	143827596	09-05-2020	08-05-2020	-3
3	UTTAR PRADESH	2020-2021	3	01-05-2020	64928750	64928750	11-05-2020	11-05-2020	-2
4	UTTAR PRADESH	2020-2021	4	11-05-2020	91612259	91612259	21-05-2020	21-05-2020	-2
5	UTTAR PRADESH	2020-2021	5	22-05-2020	97054327	97054327	01-06-2020	30-05-2020	-4
6	UTTAR PRADESH	2020-2021	6	22-05-2020	124490672	124490672	01-06-2020	30-05-2020	-4
7	UTTAR PRADESH	2020-2021	7	29-05-2020	113233045	113233045	08-06-2020	08-06-2020	-2
8	UTTAR PRADESH	2020-2021	8	08-06-2020	77632313	77632313	18-06-2020	18-06-2020	-2
9	UTTAR PRADESH	2020-2021	9	17-06-2020	72928776	72928776	27-06-2020	26-06-2020	-3
10	UTTAR PRADESH	2020-2021	10	26-06-2020	42847365	42847365	06-07-2020	06-07-2020	-2
11	UTTAR PRADESH	2020-2021	11	30-06-2020	50969809	50969809	10-07-2020	10-07-2020	-2
12	UTTAR PRADESH	2020-2021	12	02-07-2020	26305989	26305989	12-07-2020	10-07-2020	-4
13	UTTAR PRADESH	2020-2021	13	08-07-2020	61441809	61441809	18-07-2020	18-07-2020	-2
14	UTTAR PRADESH	2020-2021	14	20-07-2020	86737336	86737336	30-07-2020	30-07-2020	-2
15	UTTAR PRADESH	2020-2021	15	22-07-2020	46370258	46370258	01-08-2020	30-07-2020	-4
16	UTTAR PRADESH	2020-2021	16	30-07-2020	39024184	39024184	09-08-2020	10-08-2020	-1
17	UTTAR PRADESH	2020-2021	17	07-08-2020	28929423	28929423	17-08-2020	17-08-2020	-2
18	UTTAR PRADESH	2020-2021	18	17-08-2020	32410818	32410818	27-08-2020	26-08-2020	-3
19	UTTAR PRADESH	2020-2021	19	20-08-2020	58155170	58155170	30-08-2020	29-08-2020	-3
20	UTTAR PRADESH	2020-2021	20	26-08-2020	14048058	14048058	05-09-2020	04-09-2020	-3
21	UTTAR PRADESH	2020-2021	21	02-09-2020	53354405	53354405	12-09-2020	10-09-2020	-4
22	UTTAR PRADESH	2020-2021	22	11-09-2020	17254527	17254527	21-09-2020	21-09-2020	-2
23	UTTAR PRADESH	2020-2021	23	21-09-2020	51718360	51718360	01-10-2020	29-09-2020	-4
24	UTTAR PRADESH	2020-2021	24	26-09-2020	43854551	43854551	06-10-2020	05-10-2020	-3
25	UTTAR PRADESH	2020-2021	25	12-10-2020	42034870	42034870	22-10-2020	22-10-2020	-2
26	UTTAR PRADESH	2020-2021	26	14-10-2020	35790037	35790037	24-10-2020	23-10-2020	-3
27	UTTAR PRADESH	2020-2021	27	16-10-2020	33534527	33534527	26-10-2020	23-10-2020	-5
28	UTTAR PRADESH	2020-2021	28	27-10-2020	35610878	35610878	05-11-2020	03-11-2020	-4
29	UTTAR PRADESH	2020-2021	29	04-11-2020	22887757	22887757	13-11-2020	17-11-2020	2
30	UTTAR PRADESH	2020-2021	30	11-11-2020	22138434	22138434	21-11-2020	25-11-2020	2
31	UTTAR PRADESH	2020-2021	31	20-11-2020	11210395	11210395	30-11-2020	27-11-2020	-5
32	UTTAR PRADESH	2020-2021	32	27-11-2020	40196924	40196924	07-12-2020	05-12-2020	-4
33	UTTAR PRADESH	2020-2021	34	11-12-2020	16654583	16654583	21-12-2020	19-12-2020	-4
34	UTTAR PRADESH	2020-2021	37	24-12-2020	24604321	24604321	03-01-2021	02-01-2021	-3
35	UTTAR PRADESH	2020-2021	38	06-01-2021	7317764	7317764	16-01-2021	14-01-2021	-4
36	UTTAR PRADESH	2020-2021	39	08-01-2021	1940506	1940506	18-01-2021	14-01-2021	-6
37	UTTAR PRADESH	2020-2021	41	22-01-2021	3292341	3292341	01-02-2021	29-01-2021	-5
38	UTTAR PRADESH	2020-2021	42	29-01-2021	37256495	37256495	08-02-2021	05-02-2021	-5
39	UTTAR PRADESH	2020-2021	43	04-02-2021	28263859	28263859	14-02-2021	10-02-2021	-6
40	UTTAR PRADESH	2020-2021	44	11-02-2021	35058631	35058631	21-02-2021	20-02-2021	-3
41	UTTAR PRADESH	2020-2021	45	22-02-2021	17246649	17246649	04-03-2021	25-02-2021	-9
42	UTTAR PRADESH	2020-2021	46	25-02-2021	15422633	15422633	07-03-2021	05-03-2021	-4
43	UTTAR PRADESH	2020-2021	47	03-03-2021	50863357	50863357	13-03-2021	10-03-2021	-5
44	UTTAR PRADESH	2020-2021	48	10-03-2021	38673364	38673364	20-03-2021	18-03-2021	-4
45	UTTAR PRADESH	2020-2021	50	25-03-2021	9479983	9479983	04-04-2021	03-04-2021	-3
46	UTTAR PRADESH	2020-2021	52	09-04-2021	7971898	7971898	19-04-2021	16-04-2021	-5

Average weekly Payble of Financial Year - 2020-2021 : 44349466

110% of Average payable : 48784413

No of Default : 2

Annexure-II

Standby Letter of Credit

(To be issued in MT760 Format by the Applicant's Bank)

SBLC REF NO.: _____

DATE: _____

SBLC AMOUNT: _____

EXPIRY DATE: _____

APPLICANT: ----- (HEREINAFTER CALLED "Northern Region DSM Pool members)

BENEFICIARY: Power System Operation Corporation Ltd, Northern Regional Load Despatch Centre, New Delhi (HEREINAFTER CALLED "RLDC")

WHEREAS AS PER CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014 AND ANY AMENDMENTS THEREOF WHEREAS UNDER THE DEVIATION SETTLEMENT MECHANISM (DSM), THE CONSTITUENTS IS TO PAY THE DEVIATION CHARGE FROM TIME TO TIME TO A REGIONAL POOL ACCOUNT KNOWN AS 'DSM POOL' MAINTAINED BY THE RLDC. ALL REGIONAL ENTITIES WHICH HAD AT ANY TIME DURING THE PREVIOUS FINANCIAL YEAR FAILED TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION WITHIN THE TIME SPECIFIED IN THESE REGULATIONS SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT (LC) EQUAL TO 110% OF ITS AVERAGE PAYABLE WEEKLY LIABILITY FOR DEVIATIONS IN THE PREVIOUS FINANCIAL YEAR, IN FAVOUR OF THE CONCERNED RLDC WITHIN A FORTNIGHT FROM THE DATE THESE REGULATIONS COME INTO FORCE.

PROVIDED THAT -

(I) IF ANY REGIONAL ENTITY FAILS TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION BY THE TIME SPECIFIED IN THESE REGULATIONS DURING THE CURRENT FINANCIAL YEAR, IT SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT EQUAL TO 110% OF WEEKLY OUTSTANDING LIABILITY IN FAVOUR OF RESPECTIVE REGIONAL LOAD DESPATCH CENTRE WITHIN A FORTNIGHT FROM THE DUE DATE OF PAYMENT.

(II) LC AMOUNT SHALL BE INCREASED TO 110% OF THE PAYABLE WEEKLY LIABILITY FOR DEVIATION IN ANY WEEK DURING THE YEAR, IF IT EXCEEDS THE PREVIOUS LC AMOUNT BY MORE THAN 50%.

IN ACCORDANCE WITH THE CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS, 2014, AND ANY AMENDMENTS THEREOF, AND AS PER THE PAYMENT CALCULATIONS STIPULATED IN ABOVE MENTIONED POINT NOS. (I) AND (II), WE ----- (APPLICANT BANK) HEREBY ISSUE OUR IRREVOCABLE STANDBY LETTER OF CREDIT (SBLC) NO. _____ IN FAVOUR OF BENEFICIARY: POWER SYSTEM OPERATION CORPORATION LTD, NORTHERN REGIONAL LOAD DESPATCH CENTRE, NEW DELHI BY ORDER OF APPLICANT ----- (NAME OF THE APPLICANT), FOR AN AGGREGATE AMOUNT NOT EXCEEDING INR (INDIAN RUPEES _____ ONLY) VALID TILL _____ (DD.MM.YYYY)

THIS STANDBY LETTER OF CREDIT IS AVAILABLE WITH THE ISSUING BANK BY PAYMENT AT SIGHT AGAINST PRESENTATION OF FOLLOWING DOCUMENTS:

1) BENEFICIARY'S SIGNED STATEMENT CERTIFYING THAT THE APPLICANT HAS FAILED TO PAY THE DEVIATION CHARGE TO THE DSM POOL ACCOUNT.

THIS STANDBY LETTER OF CREDIT IS VALID UNTIL _____ (DD.MM.YYYY) AT THE COUNTER OF THE ISSUING BANK.

THE NEGOTIATED AMOUNT AGAINST THE LC SHALL BE TRANSFERRED TO THE BANK DETAIL INDICATED IN THE RESPECTIVE BILLS OF RLDC BY WAY OF RTGS/EFT.

.
RTGS/EFT CHARGES IF ANY SHALL BE CHARGED TO THE ACCOUNT OF LC OPENER.

.
PARTIAL DRAWINGS ARE ALLOWED.
MULTIPLE DRAWINGS ARE ALLOWED.

.
THIS SBLC IS REVOLVING, IRREVOCABLE & UNCONDITIONAL IN NATURE. UPON PAYMENT, THE AMOUNT OF SBLC WILL AUTOMATICALLY GET REINSTATED FOR THE EQUIVALENT AMOUNT OF LAST DRAWING.

.
ALL CHARGES RELATING TO THE LC (INCLUDING LC OPENING, AMENMENTD, NEGOTIATION, REINSTATEMENT, OPERATING) SHALL BE BORNE BY THE LC OPENER.

.
All apparent spelling mistakes/mistakes in LC documents which do not alter meaning/charges payable /description are acceptable and will not count as discrepancy.

.
WE UNDERTAKE TO PAY BENEFICIARY BANK WITHIN 48 HOURS AFTER RECEIPT OF A VALID CLAIM WHICH CAN BE LODGED BY SENDING AN EMAIL TO THE FOLLOWING ID- (), FAX TO THE FOLLOWING NUMBER -() OR A COURIER/REGISTERED POST TO THE FOLLOWING ADDRESS- ()

.
THIS STANDBY LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES 98 (ISP98) OF INTERNATIONAL CHAMBER OF COMMERCE.

.
REGARDS,
(NAME OF THE BANK)

1/24/22, 2:29 PM

Reconciliation Statement of Pool... - Sugata Bhattacharya (सुगता भट्टाचार्या)

Reconciliation Statement of Pool Accounts for December 2021**Sugata Bhattacharya (सुगता भट्टाचार्या)**

Fri 07-Jan-22 16:17

To: KothariN@shreecementltd.com <KothariN@shreecementltd.com>; Romin Bose <romin.bose@lnjbhilwara.com>;
 aaohpsldc@gmail.com <aaohpsldc@gmail.com>; aeeldmt@gmail.com <aeeldmt@gmail.com>; anilgarg@lnjbhilwara.com
 <anilgarg@lnjbhilwara.com>; apc.chandigarh@gmail.com <apc.chandigarh@gmail.com>; ashutosh.singh@acme.in
 <ashutosh.singh@acme.in>; avanindragautam@ntpc.co.in <avanindragautam@ntpc.co.in>; billhppc@uhbv.org.in
 <billhppc@uhbv.org.in>; brkashyap@gmail.com <brkashyap@gmail.com>; bsahu@npcil.co.in <bsahu@npcil.co.in>;
 cgmupcl@yahoo.com <cgmupcl@yahoo.com>; dgm.e.sainj@gmail.com <dgm.e.sainj@gmail.com>; dhaval.trivedi@adani.com
 <dhaval.trivedi@adani.com>; dydcom@bbmb.nic.in <dydcom@bbmb.nic.in>; fmuppl@gmail.com <fmuppl@gmail.com>;
 gautam.jha@azurepower.com <gautam.jha@azurepower.com>; jyoti.punj@renewpower.in <jyoti.punj@renewpower.in>;
 mohan.menon67@gmail.com <mohan.menon67@gmail.com>; naveensolanki@sbenergy.com <naveensolanki@sbenergy.com>;
 nhpc1975commercial@gmail.com <nhpc1975commercial@gmail.com>; operations@hsppl.co.in <operations@hsppl.co.in>;
 pmediratta@gmail.com <pmediratta@gmail.com>; pmediratta@ntpc.co.in <pmediratta@ntpc.co.in>; pratul.g@greenkogroup.com
 <pratul.g@greenkogroup.com>; pratul.hydro@gmail.com <pratul.hydro@gmail.com>; rbjgautam@nfl.co.in
 <rbjgautam@nfl.co.in>; sandeep.melana@herofutureenergies.com <sandeep.melana@herofutureenergies.com>;
 sandeepyadav@powergridindia.com <sandeepyadav@powergridindia.com>; sanjeev.kango@jsw.in <sanjeev.kango@jsw.in>;
 sao.tariff@gmail.com <sao.tariff@gmail.com>; saohppc@uhbv.org.in <saohppc@uhbv.org.in>; se.npp@rvpn.co.in
 <se.npp@rvpn.co.in>; seisb2pspl@gmail.com <seisb2pspl@gmail.com>; seisb3pspl@gmail.com <seisb3pspl@gmail.com>;
 sivanarayana@tatapower.com <sivanarayana@tatapower.com>; smlarji.e@gmail.com <smlarji.e@gmail.com>;
 srdeetrdald123@gmail.com <srdeetrdald123@gmail.com>; thdc_commercial@yahoo.com <thdc_commercial@yahoo.com>;
 umesh.c.mishra1962@gmail.com <umesh.c.mishra1962@gmail.com>; vinod.singh@jsw.in <vinod.singh@jsw.in>;
 abhinav.saraswat@renewpower.in <abhinav.saraswat@renewpower.in>; Pinki Debnath (पिंकी देबनाथ) <pinkidebnath@posoco.in>;
 manasdas123 <manasdas123@gmail.com>; Gaurav Bhattacharjee (गौरव भट्टाचारजी) <bhattacharjee.gaurav@posoco.in>; Hemant
 Kumar Meena (हेमंत कुमार मीना) <hemantmeena@posoco.in>; jhonsonoram@nfl.co.in <jhonsonoram@nfl.co.in>; Accounts Officer
 Inter State Billing <aoisbpowercom@gmail.com>; Manash Protim Nath (मानश प्रोतिम नाथ) <mpnath@posoco.in>; Neeta Zarapla
 <neeta@posoco.in>; Makarand.Joshi@larsentoubro.com <Makarand.Joshi@larsentoubro.com>;
 Yashobanta.Rout@larsentoubro.com <Yashobanta.Rout@larsentoubro.com>; vidya.dutt@azurepower.com
 <vidya.dutt@azurepower.com>; gautam.jha@azurepower.com <gautam.jha@azurepower.com>; PATHAK.ANKUR@mahindra.com
 <PATHAK.ANKUR@mahindra.com>; headoperations@manikaranpowerltd.in <headoperations@manikaranpowerltd.in>;
 sharma.sandeep9@mahindra.com <sharma.sandeep9@mahindra.com>; ghongade.rasika@mahindra.com
 <ghongade.rasika@mahindra.com>; ajit.ajane@herofutureenergies.com <ajit.ajane@herofutureenergies.com>;
 dhiren.bhatt@avaada.com <dhiren.bhatt@avaada.com>; rajesh.dwivedi@avaada.com <rajesh.dwivedi@avaada.com>;
 seshagirirao.n@greenkogroup.com <seshagirirao.n@greenkogroup.com>; seshagirirao.n@greenkogroup.com
 <seshagirirao.n@greenkogroup.com>;

Cc: N Nallarasani (एन नल्लारासन) <nallarasani@posoco.in>; SE (C) NRPC <sec-nrpc@nic.in>; nrlcd_hods_tech
 <nrlcd_hods_tech@posoco.in>; Mahesh kumar (महेश कुमार) <palmk@posoco.in>; thendral p <thendral16@gmail.com>; SACHIN
 PANWAR <sachinpnwr3@gmail.com>; monakamwal@gmail.com <monakamwal@gmail.com>; Arpit Jallan <arpit@posoco.in>;
 neeraj.nrlcd@gmail.com <neeraj.nrlcd@gmail.com>; bhattacharya.sugata26@gmail.com <bhattacharya.sugata26@gmail.com>; P
 Thendral (पी थेंड्रल) <p.thendral@posoco.in>; Somara Lakra (सोमारा लोकरा) <somara.lakra@posoco.in>; Kavita Parihar (कविता
 परिहार) <kavita@posoco.in>;

Ma'am/ Sir,

The reconciliation statement of Deviation Charges & Reactive Energy Charges for the Month of December 2021 has been made available in the following link: <http://poolar.nrlcd.in/poolhome>

It is requested to verify the statement and provide the acceptance through the website within the due date.

सादर धन्यवाद/ Thanks & Regards
 सुगता भट्टाचार्या/ Sugata Bhattacharya
 सहायक प्रबंधक (एम्.ओ.)/ Assistant Manager (M.O.)

<https://mail.posoco.in/owa/#viewmodel=ReadMessageItem&ItemID=AAMKADIKOGJZj0LTRmMmUtNDcwOS1iNmFmLWY0ZjdkOWVmNmM3Yg...> 1/2

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)

POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेशण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शाहीद जेत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrdc.org, www.nrdc.in, Tel.: 011-26519406, 26523869, Fax : 011-26852747

Ref. No. NRLDC/ MO/F&C/Delhi

Dated: 6th Jan-2022

To,
Managing Director, DTL
Shakti Sadan, Kotla Marg,
New Delhi-110002

Sub: Release of long outstanding amount against the monthly NRLDC Fee & Charges Bills.

Ref: NRLDC letters dtd. 09.06.2021, 23.06.2021, 26.07.2021, 12.08.2021, 08.09.2021, 14.10.2021,
09.11.2021 and 08.12.2021

Sir,

This has reference to above-mentioned letters vide which NRLDC has requested SLDC Delhi (i.e. Nodal Agency for intra-state entities of Delhi Control Area) to liquidate all the outstanding dues against NRLDC Fee & Charges. NRLDC is raising Fees and Charges Bill to SLDC-Delhi, in accordance with CERC Fee and Charges Regulations/Orders but the payment against the monthly bills is not being done by the NDMC (i.e. intra-state user of Delhi) from the month of Dec-2020.

The present status of outstanding amount of SLDC Delhi (NDMC portion) against NRLDC Fee & Charges is shown below;

Sl. No.	Principal Outstanding Amount against NRLDC Fee & Charges	Late Payment Surcharge Amount for Quarter-1 & 2	Total Outstanding Amount	Remark
1	₹ 6,52,819	₹ 17,755	₹ 6,70,574	Against Monthly Bill from Dec'20 to Dec-21 and Late Payment Surcharge of Quarter-1 & 2 (Apr'21-Sep'21)

Further, in this regard it is mentioned that as per clause 25 (A) of CERC (Open Access in inter-State Transmission) (Amendment) Regulations, 2009, NRLDC is also empowered to deny the Short-term Open Access to the entities and associates of such entities, who consistently and will fully default in payment of Fee and Charges for Regional Load Despatch Centre.

It may be noted that despite of our several communications, the regular payment towards the NRLDC Fee & Charges Bills is not being done. Therefore, it is once again requested to clear the long outstanding amount of ₹ 6,70,574/- against the NRLDC Fees and Charges at the earliest. Further, it is also advisable to make the payment regularly within due date of monthly bills to avoid the late payment surcharge in line with the regulations.

Thanking you,

Yours Sincerely,

Est - 5/1/2022
6/1/22

(N. Nallarasani)
Executive Director, NRLDC

CC:

1. General Manager, SLDC Delhi (Nodal Agency), SLDC Building (Behind Jakir Husain College), Tagore Hostel Lane, Minto Road, New Delhi-110 002
2. Chief Engineer, NDMC Head Office, Palika Kendra, Parliament Street, New Delhi-110001

Copy for kind information:

1. Secretary, CERC, 3^d & 4^s Floor, Chanderdok Building, 36, Janpath, New Delhi- 110001
2. Member Secretary, NRPC, Katwaria Sarai, New Delhi
3. CMD, POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi
4. Director (MO), POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेशन केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जेत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlc.org, www.nrlc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

Ref. No. NRLDC/MO/F&C/JKPC

Dated: 6th Jan' 2022

To,
Principal Secretary,
Power Development Department J&K,
Civil Secretariat, Jammu -180001

Sub: Release of long outstanding amount against the monthly NRLDC Fee & Charges Bills

Ref:1) NRLDC Letters to CE, SLDC, JKPC Dtd 21.05.2021, 22.06.2021, 12.07.2021,15.07.2021,
12.08.2021, 17.08.2021, 06.09.2021, 08.10.2021, 14.10.2021, 09.11.2021 and 08.12.2021
2) JKPC Letters to NRLDC Dtd 05.05.2021, 23.06.2021 and 15.07.2021

Sir,

This has reference to above-mentioned letters vide which NRLDC has requested M/s JKPC to liquidate all the outstanding dues against NRLDC Fee & Charges. The present status of outstanding amount after considering the last payment of ₹34.85 Lakhs made by JKPC on dtd 30.09.2021 is shown below;

Sl. No.	Principal Outstanding Amount against NRLDC Fee & Charges	Late Payment Surcharge Amount for Quarter-2	Total Outstanding Amount	Remark
1	₹ 1,81,39,419	₹ 4,42,534	₹1,85,81,953	Against Monthly Bill from Nov'20 to Dec-21 and Late Payment Surcharge amount of Quarter-2 (July'21-Sep'21)

Further, in this regard it is mentioned that as per clause 25 (A) of CERC (Open Access in inter-State Transmission) (Amendment) Regulations, 2009, NRLDC is empowered to deny the Short-term Open Access to the entities and associates of such entities, who consistently and willfully default in payment of Fee and Charges for Regional Load Despatch Centre.

It may be noted that despite of our several communications, the regular payment towards the NRLDC Fee & Charges Bills is not being done. Therefore, it is once again requested to settle the balance pending aforesaid amount against the NRLDC Fee & Charges at the earliest. Further, it is also advisable to make the payment regularly within due date of monthly bills to avoid late payment surcharge in line with the regulations.

Thanking you,

Yours Sincerely,

(Handwritten signature)
6/1/22

(N. Nallarasani)
Executive Director, NRLDC

पंजीकृत एवं केन्द्रीय कार्यालय : प्रथम तल, बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016
Registered & Corporate Office : 1st Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

CC:

1. Managing Director, JKPCCL, Jammu
2. Managing Director, JKPTCL, Jammu
3. Chief Engineer, JKPCCL, SLDC Building, 1st Floor Gladni Grid Station, Narval Bala, Jammu-180004

Copy for kind information:

1. Joint Secretary (OM), Ministry of Power, New Delhi
2. Secretary, CERC, 3rd & 4th Floor, Chanderdok Building, 36, Janpath, New Delhi- 110001
3. Member Secretary, NRPC, Katwaria Sarai, New Delhi
4. CMD, POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi
5. Director (MO), POSOCO, CC, 8th/9th floor, IFCI Tower, 61, Nehru Place, New Delhi

Annexure-27

POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)

NORTHERN REGIONAL LOAD DESPATCH CENTRE

(Corp Id- U40105DL2009GOI188682)

18/A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi - 110 015

Tel: 2685 4585, 2685 4015, Tele Fax: 011- 2685 2747 e-mail: nrlcoa@posoco.in



संदर्भ: उ.क्षे.भा.प्रे.के./एस टी ओ ए /2021-22/2B

दिनांक:22/10/2021

सेवा में,

वितरण सूची के अनुसार

विषय: वित्तीय वर्ष 2021 -2022 की द्वितीय तिमाही के लिए उत्तरी क्षेत्र के एसटीओए (STOA) के लिए रिफंड सुलह विवरण (Refund Reconciliation Statement)

Sir,

Please find details of reconciliation statements against refunds of STOA charges due to curtailments/surrenders/excess payment for the transactions during the period 1st July - 2021 to 30th September -2021 duly signed by our representative in the following NRLDC website link .

<https://nrldc.in/refund-reconciliation-sheet/>

It is requested to reconcile the statements and report the discrepancies if any. In case no response is received from your end by dt: 15.11.2021, the statement shall be deemed reconciled.

It is also requested to send a copy of Reconciliation Statement duly signed by your representative as a token of acceptance by dt: 15-11-2021.

धन्यवाद,

Yours faithfully,

सोमरा

सोमरा लाकड़ा
वरिष्ठ महाप्रबंधक (एम ओ)

- CC: 1. MS, NRPC
2. INCHARGE, NRLDC
3. CGM (F&A), NRLDC

Registered Office : B-9, Outer Institutional Area, Katwaria Sarai, New Delhi - 110 016
पंजीकृत कार्यालय : बी-9, कृतारिका संस्थापक क्षेत्र, कटवारिका सराय, नई दिल्ली - 110 016

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

Distribution List

1. Deputy Manager, Adani Enterprise Limited, Adani Enterprises Ltd. Power Trading Division, Adani House Plot-83, Sector 32, Gurgaon.
2. Manager- Operations, Arunachal Pradesh Power Corporation Pvt Ltd, B-37, Sector 2, Noida, Contact # 0120-2544096
3. Deputy Manager (Operations), PTC India Ltd., 2nd Floor, NBCC Tower 15 Bhikaji Cama Place, New Delhi, Delhi 110066
4. AGM-(SO & Comm), NTPC Vidyut Vyapar Nigam Ltd., 3rd Floor, Core-5, Scope Complex, Lodhi Road, New Delhi-110003
5. Senior Associate, GMR Energy Trading Ltd., New Udaan Bhawan, Terminal-3, Opp. ATS Complex, International Terminal, IGI Airport, New Delhi-110037
6. AGM-Operations, Manikaran Power Ltd., 3rd Floor, Aastha Building, 46 Hussainpur Main Rd, Madurdaha, Kolkata, West Bengal- 700107
7. Specialist-Commercial, Open Access, Tata Power TCL, Shatabdi Bhawan, B 12 & 13, Sector 4, Noida, UP – 201301
8. Chief Engineer, ITC Shereton, District Centre, Sector 6, Pushp Vihar, New Delhi-110017
9. Kreate Energy Pvt. Ltd., GT Road, Sewah, Panipat – 132103
10. Accounts Officer/ Reports & Payments, Punjab State Power Corporation Ltd., T-1A, Thermal Sheds, Shakti Vihar, PSPCL, Patiala. 147001
11. M/s. ITC Limited, Saharanpur, India Tobacco Division Sardar Patel Marg, Saharanpur (U.P), 247001
12. Chief Engineer, ITC Grand Bharat, Tauru District, Nuh, Haryana- 122105
13. Nitin Srivastava, Indian Energy Exchange, First Floor, Unit No. 1.14(a), Avanta Business Centre, Southern Park, D-2, District Centre, Saket, New Delhi-110017
14. Manager- Techno commercial, SKS Power Generation Chhattisgarh Limited, 201 & 207, Centre point Premises Co-Op. Soc. Ltd, 2nd floor, J.B.Nagar, Andhari-Kurla Road, Andhari (East), Mumbai-400059.

Prigyaneshi

POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)

NORTHERN REGIONAL LOAD DESPATCH CENTRE

(Corp Id- U40105DL2009GOI188682)

18/A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi - 110 016

Tel: 2685 4585, 2685 4015, Tele Fax: 011- 2685 2747 e-mail: nrlcoa@posoco.in



संदर्भ: उ.क्षे.भा.प्रे.के./एस टी ओ ए /2021-22/2A

दिनांक: 22/10/2021

सेवा में,

वितरण सूची के अनुसार

विषय: वित्तीय वर्ष 2021 -2022 की द्वितीय तिमाही के लिए एसटीयू/ एसएलडीसी चार्ज (STOA) का सुलह बयान (STU/SLDC Reconciliation Statement)

Sir,

This refers to the disbursement of the STU/SLDC charges raised against the Short Term Open Access (STOA) transactions for the period 1st July -2021 to 30th September -2021. Please find reconciliation statement duly signed by our representative in respect of STU & SLDC Charges for the period of 1st July -2021 to 30th September -2021 in the following NRLDC website link.

<https://nrlc.in/stu-reconciliation-sheet/>

It is requested to reconcile the statements and report the discrepancies if any. In case no response is received from your end by dt: 15.11.2021, the statement shall be deemed reconciled.

It is also requested to send a copy of Reconciliation Statement duly signed by your representative as a token of acceptance by dt: 15-11-2021.

धन्यवाद,

Yours faithfully

सोमरा लाकड़ा
वरिष्ठ महाप्रबंधक (एम ओ)

- CC: 1. MS, NRPC
2. INCHARGE, NRLDC
3. CGM (F&A), NRLDC

Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016
संकेत कार्यालय : बी-9, कृतब संस्थानिक एरिया, कटवारिया सराय, नई दिल्ली - 110 016

स्वच्छता एवं राष्ट्रहित में ऊर्जा बचाव
Save Energy for Benefit of Self and Nation

List of STU/ SLDC

1. General Manager (SLDC), Delhi Transco Ltd., SLDC Building, 33 kV Substation Building, Minto Road, New Delhi-110 002.
2. Director (SLDC), HP State Load Dispatch Centre, Totu, Shimla-171 001.
3. Director-SLDC, UP State Load Despatch Centre, Uttar Pradesh Power transmission Corporation Ltd., UPSLDC Complex, Vibhav Khand -4, Gomti Nagar, Lucknow, Uttar Pradesh, 226010.
4. Executive Engineer, STU & SLDC, 220kV Gladini Grid Station Complex, Narwal Bala, Gladini- 180016, J&K.
5. Chief Engineer (STU & SLDC), First Floor, Haryana Vidyut Prasaran Nigam Ltd., Shakti, Bhawan, Sector-6, Panchkula, Distt. Ambala, Haryana-134 109. Ph:0172-2560547.
6. Financial Advisor & Chief Controller of Accounts (R&A), STU & SLDC, APTRANSCO, Gunadala, Vijayawada, AP.
7. Dy. Manager (Finance) Commercial (STU), DTL, Room No. 201, 2nd Floor, 33KV S/S Bldg., I.P. Estate, New Delhi-110002
8. DGM (F&A), (STU), HP Power Transmission Corporation Ltd., Barowalias House, Khalini, Shimla-171002
9. The GM (F&A), (STU), UP Power Transmission Corporation Ltd, 3rd Floor, Shakti Bhawan, 14 Ashok Marg, Lucknow-226001
10. Office of the Chief Engineer (DC), GETCO-SLDC, Opp: Kalpvruj Complex, 132 kV S/s Compound Gotri Road, Vadodra-390021, Gujrat.
11. Chief Engineer (Load Despatch), MP Power Transmission Company Limited, State Load Dispatch Centre, Nayagoan, Rampur, Jabalpur-482008
12. Chief Engineer (STU), MP Power Transmission Company Limited, State Transmission Utility, Nayagoan, Rampur, Jabalpur-482008
13. Chief Engineer (SLDC), West Bengal State Electricity Transmission Comp. Ltd., P.O. Danesh Seikh Lane, Andul Road Howrah-711109
14. Genral Manager, Mspcl. Electricity Complex, Patta No.1293, Under 87(2), Khwai Bazar, Keishampat, Imphal-795001, Manipur
15. TANTRANSCO, 144, Anna Salai, Chennai-600 002
16. Chief Engineer(TG TRANSCO), Vidyut Soudha, Hyderabad-500082
17. Chief Engineer(Electrical), SLDC-Transmission Billing Centre, KPTCL Race Course road Bengaluru-560009
18. Chief Load Despatcher, SLDC Building, Mancheswar Railway Colony Bhubaneshwar, Odisha- 751017
19. Odisha Power Transmission Corporation Limited (STU), Registered Office : Janpath, Bhubaneswar – 751022
20. Chief Engineer (LD) State Load Dispatch Centre Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Ajmer Road, Heerapura, Jaipur-302024
21. Sr. Account Officer (B&R), (STU), Rajasthan Rajya Vidut Prasaran Nigam Ltd., Vidut Bhawan, Marchpath, Jaipur-302005
22. Superintending Engineer (EA) (STU & SLDC), Power Transmission Corporation of Uttarakhand Ltd., Vidut Bhawan, Near ISBT Crossing, Magra Road Dehradun-248002

Prigyanaki

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GO1188682, Website : www.nrlc.org, www.nrlc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

NRLDC/MO/

Date: 6th Oct 2021

To,

- | | |
|--|--|
| 1. Chief Operating Officer (COO)
Central Transmission Utility of India Limited
Saudamini , Plot no 2, Sector-29(1st Floor),
Gurgaon, HR 122001. | 2. Executive Director, NRTS-1,
Power Grid Corporation of India Limited,
Sector-16A, Faridabad, Haryana -121002 |
| 3. Executive Director, NRTS-2,
POWERGRID, Grid Bhawan,
Rail Head Complex, Jammu- 180012 | 4. Executive Director, NRTS-3,
POWERGRID, 12, Maharana Pratap Marg,
Near Sikandar Bag Chauraha, Lucknow-
226001 |

Subject: Regarding complete integration of AMR system with IEM in Northern Region

Dear Sir,

As per IEGC, NRLDC has the mandate to keep accounts of electricity transmitted through the regional grid and same has been carried out and further all concerned entities in whose premises the Interface Energy Meters (IEM) are installed shall take weekly meter readings and transmit them to the respective NRLDC by Tuesday noon for timely submission of metre data to RPC for issuing of weekly account. For smooth transfer of IEM data to NRLDC, a robust and reliable communication system is needed and all the IEM should be integrated through Automatic Meter Reading (AMR). For AMR integration, attempt has already been made at RPC level a decade ago and number of IEM has been integrated with AMR via optical fibre and GPRS in northern region.

As per 13th meeting of TCC and 14th meeting of Northern Regional power Committee held on 18-19 Sep 2009 it was decided that for AMR in Northern Region, CTU being owner of SEM's would be entrusted with the implementation of the scheme.

In Northern Region AMR is already implemented according to the above meeting but following issues are being observed:

- All the meters are not integrated on AMR, list of meter not integrated through AMR are detailed in Annexure-1.
- Some of the Elster Meter data are not received at NRLDC. Details attached at Annexure-2.
- Some of the meters integrated with AMR system are sending data via GPRS only. Details attached at Annexure-3.

Above issues were also deliberated in 49th meeting of Northern Regional Power Committee and 47th meeting of TCC held on 23rd, 24th & 27th Sept. 2021. The details are as follows:

- For the issues mentioned at SI No. 1: Those IEM whichever is not integrated with AMR system have to be integrated with existing AMR system over secure optical fibre network.

Dot-o-Com

- For the issues at SI No. 2 : Replacement of Elster Meters (data not received) with IEM compatible with AMR integration is to be installed.
- For issue mentioned at SI No 3: Those IEM which are sending data through GPRS , have to be shifted from GPRS to secure optical fibre network. A detail plan and schedule may be given to NRLDC/NRPC.

Therefore, it is requested that suitable necessary action may be taken from your side and time line for the completion of the work may also be intimated. Highest priority may be given to execute the above works.

Matter most urgent

Thanking you,

Yours faithfully,

[Handwritten signature]
6/10/22

(N. Nallarasan)

(Chief General Manager (I/c), NRLDC)

Copy for kind information:

1. MS, NRPC, Katwaria Sarai, New Delhi
2. Director, Market Operation, POSOCO

Annexure-1

Details of Interface Energy Meter not integrated through AMR						
Sl.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
1	Singrauli STPS	2	1	0	1	0
2	HVDC Rihand PG	3	0	0	3	0
3	RIHAND NTPC	2	0	0	2	0
4	Auraiya solar NTPC	3	3	0	0	0
5	Dadri-HVDC	2	0	0	2	0
6	Dadri GPS NTPC	7	7	0	0	0
7	Dadri-NTPC	11	11	0	0	0
8	Unchahar TPS NTPC	8	1	0	7	0
9	Tanda Stage-2 NTPC	16	0	0	16	0
10	Uri HPS NHPC	9	7	0	2	0
11	Uri-II HPS NHPC	12	7	0	5	0
12	Parabati-III HPS NHPC	9	1	0	8	0
13	Dhauliganga HPS NHPC	8	8	0	0	0
14	Dulhasti HPS NHPC	7	5	0	2	0
15	Kishenganga HEP NHPC	12	0	0	12	0
16	Singoli Bhatwari HEP L&T	7	0	7	0	0
17	Kishangarh Chandigarh-BBMB	1	1	0	0	0
18	Sec-38 Noida-UPPCL	1	1	0	0	0
19	Greater Noida-WUPPTCL	2	2	0	0	0
20	Sarsawa-UPPCL	1	1	0	0	0
21	Sherkot-UPPCL	1	1	0	0	0
22	Anpara-UPPCL	1	1	0	0	0
23	220kV Bachhrawan -UPPCL	1	1	0	0	0
24	400kV Sultanpur-UPPCL	1	0	0	1	0
25	400kV JEHTA-UPPCL	2	2	0	0	0
26	CG City-UPPCL	1	1	0	0	0
27	MAU -UPPCL	1	1	0	0	0
28	Rasra-UPPCL	1	1	0	0	0
29	Nehtaur-UPPCL	2	0	0	2	0
30	Orai-UPPCL	2	0	0	2	0
31	Sikandara-UPPCL	1	0	0	1	0
32	Azamgarh-UPPCL	1	0	0	1	0
33	Basti-UPPCL	6	0	0	6	0
34	RPSHEP-RVPNL	1	1	0	0	0
35	Sawaimadhopur-RVPNL	1	1	0	0	0
36	Phagi -RVPNL	2	0	2	0	0
37	Bikaner -RVPNL	3	0	0	3	0
38	Babai-RVPNL	2	0	0	2	0
39	Anta-RVPNL	1	0	0	1	0
40	Barmer-RVPNL	2	0	0	2	0
41	Vindyachal HVDC-PG	4	4	0	0	0
42	New Wanpoh-PG	10	10	0	0	0
43	Railways(Naini)-UPPCL	2	0	0	2	0
44	Jind-PG	1	0	0	1	0
45	765/400kV Bikaner-PG	2	0	2	0	0
46	765/400 kV Bhadla2-PG	4	0	4	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-1

Details of Interface Energy Meter not integrated through AMR						
Sl.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
47	Fatehgarh-II-PG	4	0	4	0	0
48	Amargarh-Sterlite	10	0	0	10	0
49	Prithala-Sterlite	9	0	0	9	0
50	Kadarpur-Sterlite	7	0	0	7	0
51	Sohna-Sterlite	7	0	0	7	0
52	Bawana-DTL	1	1	0	0	0
53	Narela-DTL	1	1	0	0	0
54	Jhajaar - HVPNL	2	2	0	0	0
55	CLP- HVPNL	1	1	0	0	0
56	Daultabad - HVPNL	3	3	0	0	0
57	Mahendragarh-ADANI	6	6	0	0	0
58	Dhanonda-HVPNL	2	0	0	2	0
59	Nawada-HVPNL	1	1	0	0	0
60	Kirori -HVPNL	2	0	0	2	0
61	Phojal-HEP-HPPTCL	4	0	0	4	0
62	Mandi Bijni-HPPTCL	1	1	0	0	0
63	Karian-HPPTCL	1	1	0	0	0
64	Nehrian-HPSEB	4	0	0	4	0
65	Wangtoo-HPTCL	4	4	0	0	0
66	Gumma-HPPTCL	4	0	0	4	0
67	Sainj HEP-HPPTCL	6	0	0	6	0
68	Hiranagar-PDD	6	4	0	2	0
69	Amargarh-PDD	2	0	0	2	0
70	Baglihar-PDC	2	0	0	2	0
71	Alusteng -PG	1	0	0	1	0
72	Kargil-PG	1	0	0	1	0
73	Patran-PTCL	6	0	0	6	0
74	Kotdwar-UPCL	1	1	0	0	0
75	Roorkee-UPCL	1	1	0	0	0
76	Laxmi Sugar Mill-UPCL	1	1	0	0	0
77	Kalagarh-UPCL	2	2	0	0	0
78	Srinagar-PTCUL	2	0	2	0	0
79	Lanco Budhil HEP-HP	2	2	0	0	0
80	Lahal-HPPTCL	1	0	0	1	0
81	Sorang HEP-HPPTCL	6	6	0	0	0
82	Vindhyachal-PG	4	4	0	0	0
83	Bikaner - PG	4	0	4	0	0
84	Bhadla-PG	4	0	4	0	0
85	Fatehgarh-2-PG	12	0	12	0	0
	Total	318	122	42	154	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-2

Details of Elster Energy Meter Data not received through AMR				
Sl. No.	Substation Name	Meter Integrated on AMR	Meter data received through AMR	Meter data not received through AMR
1	AJMER PGCIL	6	0	6
2	AJMER RRVNPL	2	2	0
3	ALAWALPUR PSTCL	2	2	0
4	ALIGARH PGCIL	10	0	10
5	ALLAHABAD PGCIL	20	11	9
6	BAHADURGARH PGCIL	2	1	1
7	BALLABHGARH PGCIL	12	11	1
8	BANALA PGCIL	12	10	2
9	BHADLA PGCIL	29	0	29
10	BHADLA RRVNPL	3	0	3
11	BHILWARA RRVNPL	3	0	3
12	BHIWANI BBMB	4	3	1
13	BIKANER PGCIL	14	0	14
14	CHITTORGARH PGCIL	6	0	6
15	DEHRADUN PGCIL	8	0	8
16	FATEHPUR PGCIL	14	0	14
17	HAMIRPUR PGCIL	9	9	0
18	Hisar IA HVPNPL	2	1	1
19	JALANDHAR PGCIL	20	19	1
20	KAITHAL PGCIL	10	10	0
21	KALA AMB	6	0	6
22	KANPUR 765kV PGCIL	7	0	7
23	KISHANPUR PGCIL	4	4	0
24	KURUKSHETRA PGCIL	19	0	19
25	LUCKNOW 765kV PGCIL	5	0	5
26	MAINPURI PGCIL	15	0	15
27	MANDOLA PGCIL	10	8	2
28	NALAGARH PGCIL	19	18	1
29	NOIDA SEC20 UPPCL	1	0	1
30	ORAI PGCIL	8	8	0
31	PANCHKULA PGCIL	10	9	1



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-2

Details of Elster Energy Meter Data not received through AMR				
Sl. No.	Substation Name	Meter Integrated on AMR	Meter data recived through AMR	Meter data not recived through AMR
32	RAJGARH RRVPNL	2	2	0
33	RAPS D NPCIL	6	6	0
34	SAHIBABAD UPPCL	1	0	1
35	SALAL NHPC	19	15	4
36	SAMBA PGCIL	12	0	12
37	SIKAR PGCIL	14	0	14
38	SOHAWAL PGCIL	10	0	10
39	TUGHLAKABAD PGCIL	10	10	0
40	VARANASI PGCIL	14	10	4
	TOTAL	380	169	211



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated through AMR on GPRS Connection						
Sl.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
1	132kV Hamirpur-HPSEB	1	1	0	0	0
2	220kV Hamirpur-HPSEB	2	2	0	0	0
3	132kV Sarna-PSEB	2	2	0	0	0
4	220kV Sarna-PSEB	6	6	0	0	0
5	Agra-UPPCL	3	3	0	0	0
6	220kV Bagru-RVPL	1	1	0	0	0
7	220kV Indragandhinagar-RVPL	1	1	0	0	0
8	220kV Panki-UPPCL	1	1	0	0	0
9	400kV Panki-UPPCL	2	2	0	0	0
10	220kV Raniya-UPPCL	1	1	0	0	0
11	400kV Gorakhpur-UPPCL	2	2	0	0	0
12	400kV Heerapura-RVPL	2	2	0	0	0
13	400kV Lucknow-UPPCL	3	3	0	0	0
14	Ad-Hydro-IPP	4	4	0	0	0
15	Afzalgarh-UPPCL	1	1	0	0	0
16	Alaknanda(GVK)-UPPCL	2	2	0	0	0
17	Alwalpur-PSPCL	2	0	0	2	0
18	Amarpura Thedi-RVPL	1	1	0	0	0
19	AmbalaRD(Pilakni)-UPPCL	1	1	0	0	0
20	Anpara-UPPCL	1	1	0	0	0
21	Anta CAPP-NTPC	16	16	0	0	0
22	Atrauli-UPPCL	1	1	0	0	0
23	Baddi-HPSEB	1	1	0	0	0
24	Baikanthpur(Bareilly)-UPPCL	5	5	0	0	0
25	Barn-PDD	2	2	0	0	0
26	Bassi-HPSEB	2	2	0	0	0
27	Bawana PPCL-III-DTL	2	2	0	0	0
28	Bhagwanpur-UPCL	1	1	0	0	0
29	Bharatpur-RVPL	1	1	0	0	0
30	Bhari- PSEB	1	1	0	0	0
31	Bhiwani-BBMB	4	0	0	4	0
32	Bhiwani-HVPL	2	2	0	0	0
33	Bhilwara-RVPL	3	1	0	2	0
34	Bina-UPPCL	1	1	0	0	0
35	BTPS -DTL	5	5	0	0	0
36	Chajpur-HVPL	2	2	0	0	0
37	Chandak-UPPCL	1	1	0	0	0
38	Chandauli-UPPCL	1	1	0	0	0
39	Chandigarh-Sec.39 UT	2	2	0	0	0
40	Chandigarh -Sec.52 UT	2	2	0	0	0
41	Chandigarh -Sec.56 UT	1	1	0	0	0
42	Chilla-UPCL	1	1	0	0	0
43	Chhaur -HPPTCL	2	2	0	0	0
44	Dadri Railway	2	2	0	0	0
45	Dadri Solar-NTPC	1	1	0	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated through AMR on GPRS Connection						
SI.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
46	Chirawa-RVPNL	1	1	0	0	0
47	Chohal-PSEB	1	1	0	0	0
48	Dausa-RVPNL	5	5	0	0	0
49	Dasuya-PSEB	6	6	0	0	0
50	Dhakrani HPS-UPCL	4	4	0	0	0
51	Dhanonda HVPN	2	2	0	0	0
52	Dhalipur HPS-UPCL	3	3	0	0	0
53	Dibai-UPPCL	1	1	0	0	0
54	Dipalpur-HVPNL	2	2	0	0	0
55	Fatehabad-UPPCL	1	1	0	0	0
56	Fatehpur-UPPCL	2	2	0	0	0
57	Gagalheri -UPPCL	1	1	0	0	0
58	Ghazipur-DTL	3	3	0	0	0
59	Greater Noida-UPPCL	2	2	0	0	0
60	Harsh Vihar(Loni)-DTL	2	2	0	0	0
61	Hiranagar-PDD	2	2	0	0	0
62	Govindgarh- PSEB	1	1	0	0	0
63	Hissar IA-HVPN	2	0	0	2	0
64	IT Park Chandigarh-BBMB	1	1	0	0	0
65	Nangal HPSEB	2	2	0	0	0
66	Jalandhar-BBMB	15	11	0	4	0
67	Jindal Steel Ltd	1	1	0	0	0
68	Jessore-HPSEB	7	7	0	0	0
69	Jammu-PDD	6	6	0	0	0
70	Jamsher-PSEB	4	4	0	0	0
71	Jodhpur-RVPNL	1	1	0	0	0
72	Kabulpur-HVPN	2	2	0	0	0
73	Kangoo-HPSEB	2	2	0	0	0
74	Kankroli-PG	11	11	0	0	0
75	Kangra-HPSEB	1	1	0	0	0
76	Kangra-PSEB	1	1	0	0	0
77	Karcham Wangtoo-Hydro	16	16	0	0	0
78	Khara HPS-UPPCL	3	3	0	0	0
79	Khetri-RVPNL	2	2	0	0	0
80	Khandar-RVPNL	1	1	0	0	0
81	Khedar - HVPNL	1	1	0	0	0
82	Kathua-PDD	1	1	0	0	0
83	Kartarpur-PSEB	2	2	0	0	0
84	Khatima-UPCL	1	1	0	0	0
85	Kashipur-UPCL	6	6	0	0	0
86	Khetri-RVPNL	2	2	0	0	0
87	Khodri HPS-UPCL	8	7	0	1	0
88	Khurja-UPPCL	1	1	0	0	0
89	Kirtarpur-UPPCL	1	1	0	0	0
90	Kota-RVPNL	2	2	0	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated through AMR on GPRS Connection						
SI.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
91	Kichcha-UPCL	1	1	0	0	0
92	KOTESHWAR HEP-THDC	8	8	0	0	0
93	Kotputli-PG	4	4	0	0	0
94	Kulhal HPS-UPCL	4	4	0	0	0
95	Lalitpur-UPPCL	1	1	0	0	0
96	Lalsot-RVPNL	1	1	0	0	0
97	Kunihar-HPSEB	1	1	0	0	0
98	Lehra Mohabbat-PSEB	1	1	0	0	0
99	Laksar-UPCL	1	1	0	0	0
100	Lanco Budhil HEP	3	3	0	0	0
101	Ludhiana -PG	11	11	0	0	0
102	Mahendragarh-ADANI	1	1	0	0	0
103	Kunihar-HPSEB	1	1	0	0	0
104	Mahanpur-PDD	2	2	0	0	0
105	Mahilpur-PSEB	2	2	0	0	0
106	Mahuakheraganj	1	1	0	0	0
107	Muradnagar-UPPCL	1	1	0	0	0
108	Muzaffarnagar-UPPCL	1	1	0	0	0
109	Nazibabad-UPPCL	2	2	0	0	0
110	Moradabad-UPPCL	4	4	0	0	0
111	Mainpuri-UPPCL	5	5	0	0	0
112	Naubastha-UPPCL	1	1	0	0	0
113	Meja-UPPCL	2	2	0	0	0
114	MIA-RVPNL	1	1	0	0	0
115	Morak-RVPNL	1	1	0	0	0
116	Merta-RVPNL	2	2	0	0	0
117	Mundka - DTL	10	10	0	0	0
118	Mansadevi-HVPN	1	1	0	0	0
119	Nuhiwali- HVPNL	1	1	0	0	0
120	Nawada-HVPN	2	2	0	0	0
121	Mandi Bijni-HPSEB	1	1	0	0	0
122	Majhri-HPSEB	4	4	0	0	0
123	Makhu-PSEB	1	1	0	0	0
124	Majra-PSEB	1	1	0	0	0
125	Mohali-PSEB	7	7	0	0	0
126	Nakodar-PSEB	3	3	0	0	0
127	Manglore-UPCL	1	1	0	0	0
128	Malana HEP-2	4	4	0	0	0
129	Parabati-III HPS-NHPC	7	7	0	0	0
130	Pong HPS -BBMB	25	24	0	1	0
131	Pilibhit-UPPCL	2	1	0	1	0
132	Phagi-RVPNL	6	6	0	0	0
133	PPCL-III	2	2	0	0	0
134	Pinjore-HVPN	8	8	0	0	0
135	Parwanoo-HPSEB	1	1	0	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated through AMR on GPRS Connection						
SI.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
136	Paddhar-HPSEB	1	1	0	0	0
137	Pathankote-PSEB	2	2	0	0	0
138	Pantnagar-UPCL	1	1	0	0	0
139	Richha-UPPCL	1	1	0	0	0
140	ROSA TPS-UPPCL	2	0	0	2	0
141	Renusagar-RTPS-UPPCL	1	1	0	0	0
142	Rihand HPS-UPPCL	2	2	0	0	0
143	Rajgarh-RVPL	2	0	0	2	0
144	Ranpura-RVPL	1	0	0	1	0
145	Ratangarh-RVPL	2	2	0	0	0
146	Ropar-PSEB	5	5	0	0	0
147	Rajpura-PSPCL	2	2	0	0	0
148	Rishikesh-PTCUL	2	2	0	0	0
149	Roorkee-UPCL	1	1	0	0	0
150	Singrauli Solar -NTPC	2	2	0	0	0
151	SEWA-II -NHPC	13	13	0	0	0
152	Sec-28 Chandigarh-BBMB	2	2	0	0	0
153	Sahibabad-UPPCL	1	0	0	1	0
154	Sec-20 Noida-UPPCL	1	0	0	1	0
155	Sec-38 Noida-UPPCL	1	1	0	0	0
156	Sec-62 Noida-UPPCL	1	1	0	0	0
157	Saharanpur-UPPCL	1	1	0	0	0
158	Sikandara(Agra)-UPPCL	1	1	0	0	0
159	Sahupuri-UPPCL	2	2	0	0	0
160	Sirshi-UPPCL	1	1	0	0	0
161	Simbhauli-UPPCL	1	1	0	0	0
162	Sarnath-UPPCL	2	2	0	0	0
163	Sultanpur-UPPCL	1	0	0	1	0
164	S'madhopr-RVPL	2	2	0	0	0
165	Shanan-PSEB	4	4	0	0	0
166	Sitarganj-UPCL	1	1	0	0	0
167	Srinagar-PTCUL	2	2	0	0	0
168	Shree Cement Ltd	6	6	0	0	0
169	Unchahar solar-NTPC	2	2	0	0	0
170	Udaipur-RVPL	2	2	0	0	0
171	Udhampur-PDD	5	5	0	0	0
172	Talwandi-PSEB	1	1	0	0	0
173	Thakurdwara-UPPCL	1	1	0	0	0
Total		474	449	0	25	0



Neeraj Kumar
Sr. DGM, MO,NRLDC



पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का त्वाभ)

POWER GRID CORPORATION OF INDIA LIMITED



Ref:- NI/AM/2734

Date :- 18th October 2021

Chief General Manager (I/C)
Northern Regional Load Dispatch Centre
Power System Operation Corporation Limited
18-A, Shaheed Jeet Singh Sansanwal Marg,
Katwaria Sarai, New Delhi - 110016

Subject:- Regarding complete integration of AMR system with IEM in Northern Region

Ref :- i) Your Letter no. NRLDC / MO/1689-1693 dt. 06/10/2021

This has reference to aforesaid communication wherein concern about non completion of SEM integration with AMR has been raised. On the subject issue our clarifications are as under:-

- **All the meters are not integrated on AMR:-** As per enclosed Annexure in the aforesaid letter 318nos. (L&T – 122, Secure -42, Elster – 154, EDMI- 0) SEMs are yet to be integrated with AMR.

Our clarification

On the subject issue the detailed deliberated was held in 49th NRPC and 47th TCC meeting (23rd, 24th & 27th September'2021), wherein POWERGRID has clarified the integration of L&T make meters only are possible with existing AMR system in Northern Region. The same shall be taken up subsequent on necessary amendment in contract.

Though, POWERGRID has integrated Elster make meter also with AMR, however, frequent failure of Elster make meters are reported in past subsequent upon integration of the same with existing AMR system. Accordingly, the integration of Elster make SEM need not to be taken up. However, the desired weekly data can be forwarded to NRLDC by utilities through manual downloading

Further with respect to Secure & EDMI meters- New SEMs, current firmware do not support Secure meter communication and needs to be developed. As we are in process of replacement of 15Minutes block SEMs with 5Minutes block SEMs, the integration of these SEMs need not to be taken up. However, the desired weekly data can be forwarded to NRLDC by utilities through manual downloading.

*Pl. Advise
401-1022
2021/10*

*Sh. Arun R. Singh
Narain*

- **Some of Elster meter data are not received at NRLDC:-** As per enclosed Annexure in the aforesaid letter, AMR data from 168 out of 360 Elster make integrated meters could be received at NRLDC.

Our clarification

Reason has already clarified above. The suggestion with regard to replacement of Elster make meters with AMR compatible meters shall be take up with CTU and can be implemented only after finalization of methodology / financial implication in this regard.

- **Some of the meters integrated with AMR system are sending data via GPRS:-** As per enclosed Annexure in the aforesaid letter, 474nos. (L&T-449 and Elster-25) SEMs are connected to NRLDC through GPRS.

Our clarification

This issue was also deliberated in 49th NRPC and 47th TCC meeting, wherein POWERGRID has clarified that the integration of SEMs through fiber network could be taken up only after confirmation from utilities regarding laying of fiber cable from Kiosk to control room (communication panel to metering room).

Thanking You,

18/10/2021
(A. K. Behera)
Chief GM(AM), NRI

Copy :-

- i) **Director (Market Operation),** Power System Operation Corporation Limited
18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi - 110016
- ii) **Member Secretary (NRPC),** 18-A, Shaheed Jeet Singh Sansanwal Marg,
Katwaria Sarai, New Delhi - 110016
- iii) **Chief Operating Officer (COO),**
Central Transmission Utility of India Limited
Saudamini, Plot no.2, Sector-29 (1st Floor), Gurgaon, Haryana – 122001
- iv) **Executive Director NRI / NR2 / NR3 / AM -CC** --- *for kind information please*

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय मार प्रेशण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

NRLDC/MO/

Date: 12th Nov 2021

To,

- | | |
|--|--|
| 1. Chief Operating Officer (COO)
Central Transmission Utility of India Limited
Saudamini , Plot no 2, Sector-29(1st Floor),
Gurgaon, HR 122001. | 2. Executive Director, NRTS-1,
Power Grid Corporation of India Limited,
Sector-16A, Faridabad, Haryana -121002 |
| 3. Executive Director, NRTS-2,
POWERGRID, Grid Bhawan,
Rail Head Complex, Jammu- 180012 | 4. Executive Director, NRTS-3,
POWERGRID, 12, Maharana Pratap Marg,
Near Sikandar Bag Chauraha, Lucknow-226001 |

Reference:

1. PGCIL Letter -Ref: N1/AM/2734 dtd 25th Oct 2021
2. NRLDC Letter-Ref: NRLDC/MO/ dtd 6th Oct 2021

Subject: Regarding complete integration of AMR system with IEM in Northern Region

Dear Sir,

This in reference to the above correspondence. Complete integration of AMR system with IEM in Northern Region is needed for timely issue of energy account of constituents. Further with reference to your letter, reply are as below:

(i) All the meters are not integrated on AMR (Annex-1):

It is already clarified in your letter ref N1/AM/2734 dtd 25th Oct 2021 that there are total 318 such meters which are not integrated through AMR (L&T-122, Secure-42, and Elster-154). The detail are mentioned in Annex-I.

- There are 122 no L&T meter in NR which are not integrated through AMR. As there is no issue in integration of L&T meter, contract amendment for the integration work may be expedited immediately for smooth receiving of data through AMR system at NRLDC.
- There are 42 no of secure and 154 no Elster meters in NR which are not integrated through AMR. As you mentioned that, there is issue in integration of these meter and same will be replaced by 5 Minute Meter. So in this regard it is to mention that Joint Committee for 5 Minute IEM and CDCS Technical Specification is still in primitive sage and it may take long time for procurement of Meter, MDP & new AMR system commissioning. So looking at all for AMR integration of these meter, it is advised to replace it with any other meter compatible with present AMR system.

(ii) Some of the Elster Meter data are not received at NRLDC (Annex-2):

As you mentioned that, there is issue in integration of these meter, so it is advised to replace it with any other meter compatible with present AMR system at the earliest on priority. The details are mentioned in Annex-II.

Ud. G. G. G. G.

(iii) Some of the meters integrated with AMR system are sending data via GPRS (Annex-3):

There are 449 L&T meter and 25 no of Ester metre are connected through GPRS. The laying of optical fibre cable from Kiosk to control room may be taken up with concerned utility for complete integration through optical fibre. All the assistance may be provided to utilities for the integration .The details of plan and schedule may be provided to NRLDC/NRPC.

Also manual downloading and sending data to NRLDC needs to be discontinued as it delays in weekly energy accounting and settlement system and errors due to revisions of accounts leads to financial implications

It is therefore once again requested that suitable necessary action may be taken from your side for early integration of AMR through optical fibre with all remaining IEM and time line for the completion of the work may also be intimated to NRLDC/NRPC.

Matter most urgent

Thanking you,

Yours faithfully,

*Tid. of content
12/11/21*

(N. Nallarasani)
(Chief General Manager (I/c), NRLDC)

Copy for kind information:

1. MS, NRPC, Katwaria Sarai, New Delhi
2. Director, Operation ,POWERGRID
3. Director, Market Operation, POSOCO

Annexure-1

Details of Interface Energy Meter not integrated through AMR						
Sl.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
1	Singrauli STPS	2	1	0	1	0
2	HVDC Rihand PG	3	0	0	3	0
3	RIHAND NTPC	2	0	0	2	0
4	Auraiya solar NTPC	3	3	0	0	0
5	Dadri-HVDC	2	0	0	2	0
6	Dadri GPS NTPC	7	7	0	0	0
7	Dadri-NTPC	11	11	0	0	0
8	Unchahar TPS NTPC	8	1	0	7	0
9	Tanda Stage-2 NTPC	16	0	0	16	0
10	Uri HPS NHPC	9	7	0	2	0
11	Uri-II HPS NHPC	12	7	0	5	0
12	Parabati-III HPS NHPC	9	1	0	8	0
13	Dhauliganga HPS NHPC	8	8	0	0	0
14	Dulhasti HPS NHPC	7	5	0	2	0
15	Kishenganga HEP NHPC	12	0	0	12	0
16	Singoli Bhatwari HEP L&T	7	0	7	0	0
17	Kishangarh Chandigarh-BBMB	1	1	0	0	0
18	Sec-38 Noida-UPPCL	1	1	0	0	0
19	Greater Noida-WUPPTCL	2	2	0	0	0
20	Sarsawa-UPPCL	1	1	0	0	0
21	Sherkot-UPPCL	1	1	0	0	0
22	Anpara-UPPCL	1	1	0	0	0
23	220kV Bachhrawan -UPPCL	1	1	0	0	0
24	400kV Sultanpur-UPPCL	1	0	0	1	0
25	400kV JEHTA-UPPCL	2	2	0	0	0
26	CG City-UPPCL	1	1	0	0	0
27	MAU -UPPCL	1	1	0	0	0
28	Rasra-UPPCL	1	1	0	0	0
29	Nehtaur-UPPCL	2	0	0	2	0
30	Orai-UPPCL	2	0	0	2	0
31	Sikandara-UPPCL	1	0	0	1	0
32	Azamgarh-UPPCL	1	0	0	1	0
33	Basti-UPPCL	6	0	0	6	0
34	RPSHEP-RVPNL	1	1	0	0	0
35	Sawaimadhopur-RVPNL	1	1	0	0	0
36	Phagi -RVPNL	2	0	2	0	0
37	Bikaner -RVPNL	3	0	0	3	0
38	Babai-RVPNL	2	0	0	2	0
39	Anta-RVPNL	1	0	0	1	0
40	Barmer-RVPNL	2	0	0	2	0
41	Vindyachal HVDC-PG	4	4	0	0	0
42	New Wanpoh-PG	10	10	0	0	0
43	Railways(Naini)-UPPCL	2	0	0	2	0
44	Jind-PG	1	0	0	1	0
45	765/400kV Bikaner-PG	2	0	2	0	0
46	765/400 kV Bhadla2-PG	4	0	4	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-1

Details of Interface Energy Meter not integrated through AMR						
Sl.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
47	Fatehgarh-II-PG	4	0	4	0	0
48	Amargarh-Sterlite	10	0	0	10	0
49	Prithala-Sterlite	9	0	0	9	0
50	Kadarpur-Sterlite	7	0	0	7	0
51	Sohna-Sterlite	7	0	0	7	0
52	Bawana-DTL	1	1	0	0	0
53	Narela-DTL	1	1	0	0	0
54	Jhajaar - HVPNL	2	2	0	0	0
55	CLP- HVPNL	1	1	0	0	0
56	Daultabad - HVPNL	3	3	0	0	0
57	Mahendragarh-ADANI	6	6	0	0	0
58	Dhanonda-HVPNL	2	0	0	2	0
59	Nawada-HVPNL	1	1	0	0	0
60	Kirori -HVPNL	2	0	0	2	0
61	Phojal-HEP-HPPTCL	4	0	0	4	0
62	Mandi Bijni-HPPTCL	1	1	0	0	0
63	Karian-HPPTCL	1	1	0	0	0
64	Nehrian-HPSEB	4	0	0	4	0
65	Wangtoo-HPTCL	4	4	0	0	0
66	Gumma-HPPTCL	4	0	0	4	0
67	Sainj HEP-HPPTCL	6	0	0	6	0
68	Hiranagar-PDD	6	4	0	2	0
69	Amargarh-PDD	2	0	0	2	0
70	Baglihar-PDC	2	0	0	2	0
71	Alusteng -PG	1	0	0	1	0
72	Kargil-PG	1	0	0	1	0
73	Patran-PTCL	6	0	0	6	0
74	Kotdwar-UPCL	1	1	0	0	0
75	Roorkee-UPCL	1	1	0	0	0
76	Laxmi Sugar Mill-UPCL	1	1	0	0	0
77	Kalagarh-UPCL	2	2	0	0	0
78	Srinagar-PTCUL	2	0	2	0	0
79	Lanco Budhil HEP-HP	2	2	0	0	0
80	Lahal-HPPTCL	1	0	0	1	0
81	Sorang HEP-HPPTCL	6	6	0	0	0
82	Vindhyachal-PG	4	4	0	0	0
83	Bikaner - PG	4	0	4	0	0
84	Bhadla-PG	4	0	4	0	0
85	Fatehgarh-2-PG	12	0	12	0	0
	Total	318	122	42	154	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-2

Details of Elster Energy Meter Data not received through AMR				
Sl. No.	Substation Name	Meter Integrated on AMR	Meter data received through AMR	Meter data not received through AMR
1	AJMER PGCIL	6	0	6
2	AJMER RRVPNL	2	2	0
3	ALAWALPUR PSTCL	2	2	0
4	ALIGARH PGCIL	10	0	10
5	ALLAHABAD PGCIL	20	11	9
6	BAHADURGARH PGCIL	2	1	1
7	BALLABHGARH PGCIL	12	11	1
8	BANALA PGCIL	12	10	2
9	BHADLA PGCIL	29	0	29
10	BHADLA RRVPNL	3	0	3
11	BHILWARA RRVPNL	3	0	3
12	BHIWANI BBMB	4	3	1
13	BIKANER PGCIL	14	0	14
14	CHITTORGARH PGCIL	6	0	6
15	DEHRADUN PGCIL	8	0	8
16	FATEHPUR PGCIL	14	0	14
17	HAMIRPUR PGCIL	9	9	0
18	Hisar IA HVPNL	2	1	1
19	JALANDHAR PGCIL	20	19	1
20	KAITHAL PGCIL	10	10	0
21	KALA AMB	6	0	6
22	KANPUR 765kV PGCIL	7	0	7
23	KISHANPUR PGCIL	4	4	0
24	KURUKSHETRA PGCIL	19	0	19
25	LUCKNOW 765kV PGCIL	5	0	5
26	MAINPURI PGCIL	15	0	15
27	MANDOLA PGCIL	10	8	2
28	NALAGARH PGCIL	19	18	1
29	NOIDA SEC20 UPPCL	1	0	1
30	ORAI PGCIL	8	8	0
31	PANCHKULA PGCIL	10	9	1



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-2

Details of Elster Energy Meter Data not received through AMR				
Sl. No.	Substation Name	Meter Integrated on AMR	Meter data recived through AMR	Meter data not recived through AMR
32	RAJGARH RRVPNL	2	2	0
33	RAPS D NPCIL	6	6	0
34	SAHIBABAD UPPCL	1	0	1
35	SALAL NHPC	19	15	4
36	SAMBA PGCIL	12	0	12
37	SIKAR PGCIL	14	0	14
38	SOHAWAL PGCIL	10	0	10
39	TUGHLAKABAD PGCIL	10	10	0
40	VARANASI PGCIL	14	10	4
	TOTAL	380	169	211



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated throug AMR on GPRS Connection						
SI.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
1	132kV Hamirpur-HPSEB	1	1	0	0	0
2	220kV Hamirpur-HPSEB	2	2	0	0	0
3	132kV Sarna-PSEB	2	2	0	0	0
4	220kV Sarna-PSEB	6	6	0	0	0
5	Agra-UPPCL	3	3	0	0	0
6	220kV Bagru-RVPL	1	1	0	0	0
7	220kV Indragandhinagar-RVPL	1	1	0	0	0
8	220kV Panki-UPPCL	1	1	0	0	0
9	400kV Panki-UPPCL	2	2	0	0	0
10	220kV Raniya-UPPCL	1	1	0	0	0
11	400kV Gorakhpur-UPPCL	2	2	0	0	0
12	400kV Heerapura-RVPL	2	2	0	0	0
13	400kV Lucknow-UPPCL	3	3	0	0	0
14	Ad-Hydro-IPP	4	4	0	0	0
15	Afzalgarh-UPPCL	1	1	0	0	0
16	Alaknanda(GVK)-UPPCL	2	2	0	0	0
17	Alwalpur-PSPCL	2	0	0	2	0
18	Amarpura Thedi-RVPL	1	1	0	0	0
19	AmbalaRD(Pilakni)-UPPCL	1	1	0	0	0
20	Anpara-UPPCL	1	1	0	0	0
21	Anta CAPP-NTPC	16	16	0	0	0
22	Atrauli-UPPCL	1	1	0	0	0
23	Baddi-HPSEB	1	1	0	0	0
24	Baikanthpur(Bareilly)-UPPCL	5	5	0	0	0
25	Barn-PDD	2	2	0	0	0
26	Bassi-HPSEB	2	2	0	0	0
27	Bawana PPCL-III-DTL	2	2	0	0	0
28	Bhagwanpur-UPCL	1	1	0	0	0
29	Bharatpur-RVPL	1	1	0	0	0
30	Bhari- PSEB	1	1	0	0	0
31	Bhiwani-BBMB	4	0	0	4	0
32	Bhiwani-HVPL	2	2	0	0	0
33	Bhilwara-RVPL	3	1	0	2	0
34	Bina-UPPCL	1	1	0	0	0
35	BTPS -DTL	5	5	0	0	0
36	Chajpur-HVPL	2	2	0	0	0
37	Chandak-UPPCL	1	1	0	0	0
38	Chandauli-UPPCL	1	1	0	0	0
39	Chandigarh-Sec.39 UT	2	2	0	0	0
40	Chandigarh -Sec.52 UT	2	2	0	0	0
41	Chandigarh -Sec.56 UT	1	1	0	0	0
42	Chilla-UPCL	1	1	0	0	0
43	Chhaur -HPPTCL	2	2	0	0	0
44	Dadri Railway	2	2	0	0	0
45	Dadri Solar-NTPC	1	1	0	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated through AMR on GPRS Connection						
SI.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
46	Chirawa-RVPNL	1	1	0	0	0
47	Chohal-PSEB	1	1	0	0	0
48	Dausa-RVPNL	5	5	0	0	0
49	Dasuya-PSEB	6	6	0	0	0
50	Dhakrani HPS-UPCL	4	4	0	0	0
51	Dhanonda HVPN	2	2	0	0	0
52	Dhalipur HPS-UPCL	3	3	0	0	0
53	Dibai-UPPCL	1	1	0	0	0
54	Dipalpur-HVPNL	2	2	0	0	0
55	Fatehabad-UPPCL	1	1	0	0	0
56	Fatehpur-UPPCL	2	2	0	0	0
57	Gagalheri -UPPCL	1	1	0	0	0
58	Ghazipur-DTL	3	3	0	0	0
59	Greater Noida-UPPCL	2	2	0	0	0
60	Harsh Vihar(Loni)-DTL	2	2	0	0	0
61	Hiranagar-PDD	2	2	0	0	0
62	Govindgarh- PSEB	1	1	0	0	0
63	Hissar IA-HVPN	2	0	0	2	0
64	IT Park Chandigarh-BBMB	1	1	0	0	0
65	Nangal HPSEB	2	2	0	0	0
66	Jalandhar-BBMB	15	11	0	4	0
67	Jindal Steel Ltd	1	1	0	0	0
68	Jessore-HPSEB	7	7	0	0	0
69	Jammu-PDD	6	6	0	0	0
70	Jamsher-PSEB	4	4	0	0	0
71	Jodhpur-RVPNL	1	1	0	0	0
72	Kabulpur-HVPN	2	2	0	0	0
73	Kangoo-HPSEB	2	2	0	0	0
74	Kankroli-PG	11	11	0	0	0
75	Kangra-HPSEB	1	1	0	0	0
76	Kangra-PSEB	1	1	0	0	0
77	Karcham Wangtoo-Hydro	16	16	0	0	0
78	Khara HPS-UPPCL	3	3	0	0	0
79	Khetri-RVPNL	2	2	0	0	0
80	Khandar-RVPNL	1	1	0	0	0
81	Khedar - HVPNL	1	1	0	0	0
82	Kathua-PDD	1	1	0	0	0
83	Kartarpur-PSEB	2	2	0	0	0
84	Khatima-UPCL	1	1	0	0	0
85	Kashipur-UPCL	6	6	0	0	0
86	Khetri-RVPNL	2	2	0	0	0
87	Khodri HPS-UPCL	8	7	0	1	0
88	Khurja-UPPCL	1	1	0	0	0
89	Kirtarpur-UPPCL	1	1	0	0	0
90	Kota-RVPNL	2	2	0	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated through AMR on GPRS Connection						
SI.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
91	Kichcha-UPCL	1	1	0	0	0
92	KOTESHWAR HEP-THDC	8	8	0	0	0
93	Kotputli-PG	4	4	0	0	0
94	Kulhal HPS-UPCL	4	4	0	0	0
95	Lalitpur-UPPCL	1	1	0	0	0
96	Lalsot-RVPNL	1	1	0	0	0
97	Kunihar-HPSEB	1	1	0	0	0
98	Lehra Mohabbat-PSEB	1	1	0	0	0
99	Laksar-UPCL	1	1	0	0	0
100	Lanco Budhil HEP	3	3	0	0	0
101	Ludhiana -PG	11	11	0	0	0
102	Mahendragarh-ADANI	1	1	0	0	0
103	Kunihar-HPSEB	1	1	0	0	0
104	Mahanpur-PDD	2	2	0	0	0
105	Mahilpur-PSEB	2	2	0	0	0
106	Mahuakheraganj	1	1	0	0	0
107	Muradnagar-UPPCL	1	1	0	0	0
108	Muzaffarnagar-UPPCL	1	1	0	0	0
109	Nazibabad-UPPCL	2	2	0	0	0
110	Moradabad-UPPCL	4	4	0	0	0
111	Mainpuri-UPPCL	5	5	0	0	0
112	Naubastha-UPPCL	1	1	0	0	0
113	Meja-UPPCL	2	2	0	0	0
114	MIA-RVPNL	1	1	0	0	0
115	Morak-RVPNL	1	1	0	0	0
116	Merta-RVPNL	2	2	0	0	0
117	Mundka - DTL	10	10	0	0	0
118	Mansadevi-HVPN	1	1	0	0	0
119	Nuhiwali- HVPNL	1	1	0	0	0
120	Nawada-HVPN	2	2	0	0	0
121	Mandi Bijni-HPSEB	1	1	0	0	0
122	Majhri-HPSEB	4	4	0	0	0
123	Makhu-PSEB	1	1	0	0	0
124	Majra-PSEB	1	1	0	0	0
125	Mohali-PSEB	7	7	0	0	0
126	Nakodar-PSEB	3	3	0	0	0
127	Manglore-UPCL	1	1	0	0	0
128	Malana HEP-2	4	4	0	0	0
129	Parabati-III HPS-NHPC	7	7	0	0	0
130	Pong HPS -BBMB	25	24	0	1	0
131	Pilibhit-UPPCL	2	1	0	1	0
132	Phagi-RVPNL	6	6	0	0	0
133	PPCL-III	2	2	0	0	0
134	Pinjore-HVPN	8	8	0	0	0
135	Parwanoo-HPSEB	1	1	0	0	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-3

Details of Interface Energy Meter integrated through AMR on GPRS Connection						
SI.No	Substation Name	Total Meter	L&T	Secure	Elster	EDMI
136	Paddhar-HPSEB	1	1	0	0	0
137	Pathankote-PSEB	2	2	0	0	0
138	Pantnagar-UPCL	1	1	0	0	0
139	Richha-UPPCL	1	1	0	0	0
140	ROSA TPS-UPPCL	2	0	0	2	0
141	Renusagar-RTPS-UPPCL	1	1	0	0	0
142	Rihand HPS-UPPCL	2	2	0	0	0
143	Rajgarh-RVPL	2	0	0	2	0
144	Ranpura-RVPL	1	0	0	1	0
145	Ratangarh-RVPL	2	2	0	0	0
146	Ropar-PSEB	5	5	0	0	0
147	Rajpura-PSPCL	2	2	0	0	0
148	Rishikesh-PTCUL	2	2	0	0	0
149	Roorkee-UPCL	1	1	0	0	0
150	Singrauli Solar -NTPC	2	2	0	0	0
151	SEWA-II -NHPC	13	13	0	0	0
152	Sec-28 Chandigarh-BBMB	2	2	0	0	0
153	Sahibabad-UPPCL	1	0	0	1	0
154	Sec-20 Noida-UPPCL	1	0	0	1	0
155	Sec-38 Noida-UPPCL	1	1	0	0	0
156	Sec-62 Noida-UPPCL	1	1	0	0	0
157	Saharanpur-UPPCL	1	1	0	0	0
158	Sikandara(Agra)-UPPCL	1	1	0	0	0
159	Sahupuri-UPPCL	2	2	0	0	0
160	Sirshi-UPPCL	1	1	0	0	0
161	Simbhauli-UPPCL	1	1	0	0	0
162	Sarnath-UPPCL	2	2	0	0	0
163	Sultanpur-UPPCL	1	0	0	1	0
164	S'madhopr-RVPL	2	2	0	0	0
165	Shanan-PSEB	4	4	0	0	0
166	Sitarganj-UPCL	1	1	0	0	0
167	Srinagar-PTCUL	2	2	0	0	0
168	Shree Cement Ltd	6	6	0	0	0
169	Unchahar solar-NTPC	2	2	0	0	0
170	Udaipur-RVPL	2	2	0	0	0
171	Udhampur-PDD	5	5	0	0	0
172	Talwandi-PSEB	1	1	0	0	0
173	Thakurdwara-UPPCL	1	1	0	0	0
Total		474	449	0	25	0



Neeraj Kumar
Sr. DGM, MO,NRLDC

Annexure-32

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेशण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शाहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

NRLDC/MO/

Date: 8th September 2021

To,

Members of meeting

Subject: Minutes of Meeting for issues related to Interface Energy Metering with NRLDC, BBMB, PSTCL & NFL on 25.08.2021

Dear Sir,

A meeting related to Interface Energy Metering was held on 25.08.2021 via WebEx video conferencing. In this meeting members from BBMB, PSTCL,POWEGRID & NFL were present. (The list of participants/members are attached at Annexure-II). Minutes of the meeting is attached at Anneure-1.

Thanking you,

Yours faithfully,

(Somara Lakra)
Sr. GM (Market Operation)

Copy for kind information:

1. CGM (I/C), NRLDC, New Delhi

Annexure-1

1. Timely availability of IEM meters data by Tuesday Noon:

Sub-proviso (21) of proviso 4 of Regulation 6 of CERC (Indian Electricity Grid Code) Regulations, 2010 provides that “... All concerned entities (in whose premises the Special Energy Meters are installed) shall take weekly meter readings and transmit them to the respective RLDC by Tuesday noon. It must be ensured that the meter data from all installations within their control area are transmitted to the RLDC within the above schedule” **However, it is observed that Special Energy Meter data (SEM) from some locations are frequently not received on time in accordance with IEGC provisions.** Status of interface meter data whose date for the week of 010821-080821 were not received by Tuesday (10.08.21) are detailed at [Annexure-A](#).

It was confirmed by BBMB, PSTCL & SLDC Punjab in the meeting that they have noted down the same and will take necessary action for timely compliance of the same.

2. Time Drift correction of IEM meters:

NRLDC publishes list of meters where time drift is suspected (based on frequency code difference from reference meter) for time correction in the discrepancy report on a weekly basis. However, the actual times drift for all meter on weekly basis is required to be checked by all utilities in whose premises the meter is installed and whenever time drift is near 1-minute, necessary time correction is required to be done. Further, the time drift correction report may be submitted on monthly basis as per the format attached at [Annexure-B](#). Please send the soft copy of Time Correction Report at least once in a month .Email Id: nrldcos@yahoo.com and nrldcos@hotmail.com .

It was confirmed by BBMB, PSTCL & SLDC Punjab in the meeting that they have noted down the same and will take necessary action for timely compliance of the same

3. Healthiness of Interface Energy meter /DCD/CT & PT connection & software etc.:

It has also been observed that while sending the data many issues are observed in last minutes, therefore It is therefore requested that checking of the healthiness of DCD/Cables, Interface Energy Meter, CT & PT connection and functioning of data dumping software etc. for meter data transmission shall be monitored periodically.

It was confirmed by BBMB, PSTCL & SLDC Punjab in the meeting that they will take necessary action for compliance of the same



Neeraj Kumar
Sr DGM,NRLDC

4. Installation of Interface Energy Meter(IEM) on small feeders:

For computation of drawl for Punjab /Haryana/UT Chandigarh from BBMB we are using the small feeders data. These data(taken from their own conventional energy meter) are sent manually in excel format *and no Interface Energy Meter is installed*. It is also found that number of time request for revision of the account on these small feeders are desired by BBMB/NFL etc . Energy account has to be checked and verified regularly every week by the concerned utilities. (Available for download at <https://nrlc.in/commercial/sem-data/>).

For smooth energy accounting of the same it is proposed that Interface Energy Meter may be installed on these feeders. Details of such feeders are attached at [Annexure-C](#).

It was confirmed by BBMB, PSTCL & SLDC in the meeting that they will check the small feeder list and formulae used for computation and will revert.

5. Nomination of two Nos. Nodal officer:

It is observed that Interface Energy Meter from some locations are frequently not received on time in accordance with IEGC provisions. For addressing the above issues nodal officers from all the concerned utilities are required. This issue is being raised constantly in earlier Commercial Sub-Committee Meetings (42nd meeting of Commercial Sub-committee - 20.05.2020) and TCC/NRPC meeting (45th TCC meeting-27th & 28th August 2020 & 48th NRPC Meeting -2nd September 2020) and it was advised by forum to submit the name of nodal officer. In Northern Region, there are around 320 locations including substations and generation stations of different Utilities. For the issues related with Interface Energy Metering and accounting, it is requested from all utilities/generating stations to nominate two nodal officer with contact no. and email id in the attached format at [Annexure-D](#).

BBMB representative have already communicated the list of nodal officer .SLDC Punjab & NFL representative have informed in the meeting that they will communicate to NRLDC.

6. Installation of IEM at NFL:

Presently NRLDC is calculating the drawl of Punjab and NFL based on the daily data received from BBMB Commercial. As per the attached SLD in [Annexure-E](#), 2 Nos GTG is commissioned at 66 kV Bus. Further it was proposed that new interface meters of CTU specifications may be installed on 66 kV side of GTG incomer-1 & 2 and at 66 kV side of Punjab feeder-1 &2 and on 66 kV side of NFL load feeder .The same was also proposed in the para 34.3 of 40th of CSC meeting of NRPC dtd 12.09.2019.([Annexure-F](#)).



Neeraj Kumar
Sr DGM,NRLDC

It was obvious from the discussion held in the fora NFL will coordinate with PSPCL for installation of SEM/IEM on Two No GTG Incomer, Two No Punjab feeder and will install one No SEM/IEM on its own drawl feeder.

The issue was deliberated at length in the meeting and finally It was communicated by PSPCL that they will take proper approval from Competent authority for installation of Interface Energy Meter. However, NFL told that they have to check the burden and spare metering core on CT/PT .Both NFL & PSPCL have told that they will do internal meeting and intimate status of feasibility for installation of Interface Energy Meter to NRLDC within one month..

7. Incorrect Recording of Meters at BBMB stations :

It has been observed that LV side of ICT-1,2&3 of Ballabgarh BBMB is reading less and LV side of ICT-1 at Hisar BBMB read less. It is requested to get its CT/PT supply checked to avoid any commercial issues in energy accounting. NRLDC vide email dated 25.06.21 has intimated BBMB regarding above discrepancy but it has not been resolved till now.

It was confirmed by BBMB in the meeting that they will check the same and will revert.



Neeraj Kumar
Sr DGM,NRLDC

Annexure-A

Name of the Substation/generating Station: _____

S.No	Meter No.	Name of the feeder	Date	Time in GPS	Time in Interface Energy Meter	Time Drift	Action Taken Advance/Retard



Neeraj Kumar
Sr DGM,NRLDC

Annexure-B

Details of Interface Energy Meters whose data for the week of 020821-080821 were not received by Tuesday (10.08.21)					
Sl.No	Utility Name /Responsibility	Sub-Stn/Gen Stn.Name	Installed on Feeder	Loc. Code	Meter No
1	BBMB	Bhakra Left Bank	GT-3(220 kV)	BH-03	NP-1374-A
2	BBMB	Bhakra Left Bank	GT-3(220 kV)	BH-33	NP-3094-A
3	BBMB	Bhakra Left Bank	66 kV NFF-2	BH-10	NP-1849-A
4	BBMB	Bhakra Left Bank	66 kV PACL	BH-11	NP-1377-A
5	BBMB	Bhakra Left Bank	ICT(66 kV)	BH-08	NP-1383-A
6	BBMB	Bhakra Right Bank	GT-9(220 kV)	BH-18	NP-1628-A
7	BBMB	Ganguwal HPS	GT-1(132 kV)	GW-01	NP-1387-A
8	BBMB	Pong HPS	GT-2(220 kV)	PN-02	NP-1673-A
9	BBMB	Pong HPS	Aux. Trans.-2(66 kV)	PN-08	NP-1631-A
10	BBMB	Pong HPS	220 kV Jessore	PN-23	NP-3140-A
11	BBMB	Panipat-BBMB	220kV Dhulkote-2	BB-13	NR-3234-A
12	BBMB	Hissar-BBMB	220/132kV ICT-3(132kV)	BB-22	NP-1335-A
13	BBMB	Bhiwani-BBMB	220kV Bhiwani(HVPN)-1	BB-44	NR-3651-A
14	BBMB	Kurukshetra-BBMB	220/132kV ICT-2(132kV)	BB-61	NP-1433-A
15	BBMB	Rohtak Road-BBMB	66kV Gurgaon-1	HR-05	NP-1224-A
16	BBMB	Rohtak Road-BBMB	66kV Gurgaon-2	HR-06	NP-5013-A
17	BBMB	Rohtak Road-BBMB	66kV Gurgaon-1	HR-09	NP-8238-A
18	BBMB	Rohtak Road-BBMB	66kV Gurgaon-2	HR-10	NP-5195-A
19	BBMB	Rohtak Road-BBMB	33kV Bahadurgarh	HR-12	NR-3914-A
20	BBMB	Jalandhar-BBMB	220/132kV ICT-2 (220kV)	PU-70	NP-1653-A
21	BBMB	Jalandhar-BBMB	220kV Pong-2	PU-20	NP-5464-A
22	BBMB	Sangrur-BBMB	220/66kV ICT-2(66kV)	PU-26	NP-8846-A
23	BBMB	Kishangarh Chandigarh-BBMB	66kV Pinjore-1	CH-19	NP-1426-A
24	BBMB	IT Park Chandigarh-BBMB	66kV Pinjore-2/Mansadevi	CH-20	NP-1427-A
25	Punjab	Ranjitsagar HPS-PSEB (sARNA-1)	220 kV Hiranagar-1	PU-78	NP-1816-A
26	Punjab	Ranjitsagar HPS-PSEB (sARNA-2)	220 kV Hiranagar-2	PU-79	NP-1817-A



Neeraj Kumar
Sr DGM,NRLDC

Annexure-C

**Existing Formulae: IW-91 (BBMB Irrigation Wing consumption) =
(EH-05+EP-03+EP-07+IB-01+IP-01)**

Sl.No	Code	Details of small feeders	Remarks
1	EH-05	Irrigation wing consumption at Dehar from HP	<i>No Interface Energy Meter installed on the feeders. Readings are being supplied on weekly /monthly basis by BBMB in excel format.(Taken from their own conventional Energy Meters)</i>
2	EP-03	Irrigation wing consumption at Bhakra from Punjab	
3	EP-07	Irrigation wing consumption at Pong/Talwara from Punjab	
4	IB-01	Irrigation Wing consumption at Bhakra from Plant itself	
5	IP-01	Irrigation wing consumption at Pong from the plant itself	

Existing Formulae: NF-01 (Drawl of NFL at Bhakra) = (BH-09+BH-10-EN-01)

Sl.No	Code	Details of small feeders	Remarks
1	BH-09	66 kV NFF-1 at Bhakra Left Bank	CTU meter
2	BH-10	66 kV NFF-2 at Bhakra Left Bank	CTU meter
3	EN-01	NFL Consumption from Punjab (Presently included in Punjab Drawl	<i>No Interface Energy Meter installed on the feeders. Readings are being supplied on weekly basis by BBMB/NFL in excel format.(Taken from their own conventional PSPCL Energy Meters)</i>



Neeraj Kumar
Sr DGM,NRLDC

Proposed Formulae by NFL after installation of IEM at NFL

NFL consumption from Grid =66 kV NFF-1 at Bhakra Left Bank +66 kV NFF-2 at Bhakra Left Bank- (66kV side of 66/11 kV NFL expan.-1 +66kV side of 66/11 kV NFL expan.-2)-(66 kV side GTG Incomer-1+66 kV side GTG Incomer-2)

Proposed Formula for Punjab Drawl after installation of IEM at NFL EN-01= (66kV side of 66/11 kV NFL expan.-1 +66kV side of 66/11 kV NFL expan.-2)+(66 kV side GTG Incomer-1+66 kV side GTG Incomer-2)

Small Feeder Data used in Punjab Drawl

PB-02= (EP-02 -EP-01-EP-03-EP-07+EN-01)

Sl.No	Code	Details of small feeders	Remarks
1	EP-02	11 kV Ganguwal-Anandpur Sahib& ASHP	No Interface
2	EP-01	11 kV Kotla-Kiratpur Sahib /11 KV Kotla Nakkian	Energy Meter
3	EP-03	Irrigation wing consumption at Bhakra from Punjab	installed on
4	EP-07	Irrigation wing consumption at Pong/Talwara from Punjab	the feeders.
5	EN-01	NFL Consumption from Punjab (Presently included in Punjab Drawl	Readings are being supplied on weekly /monthly basis by BBMB in excel format.(Taken from their own conventional Energy Meters



Neeraj Kumar
Sr DGM,NRLDC

Small Feeder Data used in H.P. Drawl

HP= (EH-01-EH-05)

Sl.No	Code	Details of small feeders	Remarks
1	EH-01	11 kV Ganguwal-Nainadevi	<i>No Interface Energy Meter installed on the feeders.</i>
2	EH-05	Irrigation wing consumption at Dehar from HP	Readings are being supplied on weekly /monthly basis by BBMB in excel format.(Taken from their own conventional Energy Meters



Neeraj Kumar
Sr DGM,NRLDC

Annexure-D

Name of Utility / Generating Station-- _____

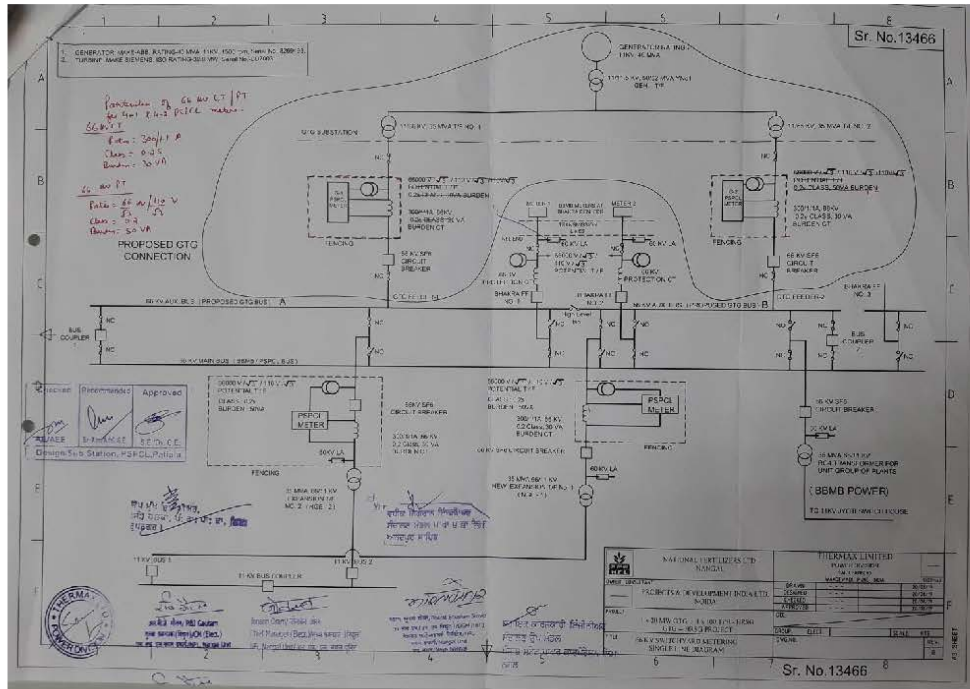
Details of nodal officer for issues related with Interface Energy Metering and DCD					
Sl. No	Name of Nodal officer	Designation	Postal Address	E mail Address	Contact No
1.					
2.					

Note: If there is any change in the name of Nodal officer, the same may be again intimated to NRLDC in the above format.



Neeraj Kumar
Sr DGM,NRLDC

Annexure-E



Neeraj
 Neeraj Kumar
 Sr DGM, NRLDC

Annexure-II

List of Participants/Members present in the meeting on dtd 25.08.2021 between M/s BBMB,CTU,POWERGRID , Punjab & NRLDC					
Sl. No	Name of Memebers (Sh.)	Company/Utility	Designation	Email id	Mobile No
1	Johnson Oram	NFL	Chief Manager	johnsonoram@nfl.co.in	9812010646
2	Abhishek Gupta	NFL	Sr. Manager	abhishek.gupta@nfl.co.in	6280754605
3	RK Bali	NFL	Manager	rkballi@nfl.co.in	7086045690
4	Er. Pooja Gupta	BBMB, Chandigarh	Addl. SE, Commercial	dydcom@bbmb.nic.in	7589073743
5	Er. Sanjay Sidana	BBMB, Chandigarh	Assistant Director, Commercial	adcomm@bbmb.nic.in	9417210761
6	Akshay Garg	SLDC ,Patiala ,Punjab	Addl. SE/Operation	ase-sldcop@pstcl.org	9646118014
7	Engineer Iqbal Singh	PSPCL ,Patiala ,Punjab	Addl. SE - PP&R	cepprpspcl@gmail.com	
8	Harvinder Singh	PSPCL ,Nangal/Ropar ,Punjab	Addl. SE, Operation	xenanandpursahib@yahoo.com	
9	Sukhbinder Singh	PSPCL ,Nangal/Ropar ,Punjab	AE, Operation	aee-ds-nangal@pspcl.in	
10	Sachin Panwar	NRLDC	Engineer	sachin.panwar@posoco.in	9971110622
11	Arun Kumar Singh	NRLDC	Manager	arun.kumar@posoco.in	9729872410
12	Neeraj Kumar	NRLDC	Sr. DGM	neeraj.kumar@posoco.in	9910907949
13	Somara Lakra	NRLDC	Sr GM	somara.lakra@posoco.in	9910953317
14.	Jagat Ram	NRTS2,POWERGRID	Sr.DGM		



Neeraj Kumar
Sr DGM,NRLDC



नेशनल फर्टिलाइजर्स लिमिटेड

(भारत सरकारका उपक्रम)

नंगल इकाई, नया नंगल 140126 (पंजाब)

NATIONAL FERTILIZERS LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

NANGAL UNIT, NAYA NANGAL (PUNJAB) 140126

(An ISO-9001:2015, ISO-14001:2015 & OHSAS-45001:2018 Unit)



FAX: 01887-220541
STD No. 01887
EPABX No. 220570
 Website : nationalfertilizers.com
 Email: johnsonoram@nfl.co.in
 Mob No: 9812010646

Ref. No.-NFL/NGL/Elect/R&S/2021/ 451

Reg. Post



To,
 Sr. Dy. General Manager
 NRLDC, New Delhi

Sub: - Regarding installation of Interface Energy meters (SEM meters).

Dear Sir,

This is in reference to Minutes of Meeting (on dated 25.08.2021) agenda related to Interface Energy metering at NFL Nangal. In this regard, M/s PSPCL has been communicated vide letter ref. no. NFL/NGL/Elect/2021/R&S/404, dated:02.09.2021 (copy attached), in which 66KV metering CT's/PT's specifications are mentioned, and it is confirmed that second spare metering cores of all metering CT's/PT's are available.

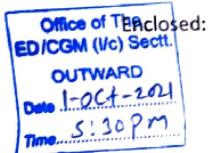
Further, a Proposed SLD is submitted to PSPCL by remarking additional SEM meter installations (as per NRLDC) with red ink for their reference (copy attached) along with letter ref. no. NFL/NGL/Elect/2021/R&S/440, dated 21.09.2021 (copy attached).

In this regard, reply from PSPCL is still awaited. NFL is trying to expedite the case with PSPCL, meanwhile NRLDC may also take up the matter with PSPCL for early approval for installation of SEM meters.

On behalf of National Fertilizers Ltd.

Jonson Oram
 Jonson Oram
 Chief Manager (Elect.)

Sr. Dy. Gen. Mgr.
11/10/21
Bank on letter to PSPCL
Copy to P. Ramia



1. Scan copy of PSPCL letter ref. no. NFL/NGL/Elect/2021/R&S/404, dated 02.09.2021.
2. Scan copy of PSPCL letter ref. no. NFL/NGL/Elect/2021/R&S/440, dated 21.09.2021.
3. Scan copy of Proposed SLD.

कारपोरेट कार्यालय : ए-11, सेक्टर 24, नोएडा, गाँवम बुद्ध नगर, उत्तर प्रदेश पिन 201 301 ☎ : 0120-2412294, 2412445 एवं 3092201 से 08, फैक्स 2412397
CORPORATE OFFICE : A-11, SECTOR 24, NOIDA, GAUTAM BUDDH NAGAR (UP) - 201 301, ☎ : 0120-2412294, 2412445 & 309221 to 08, FAX : 2412397
 रजि. कार्यालय : स्कोपकॉम्प्लेक्स, कोर-III, 7, इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003, ☎ : 011-24360066, फैक्स 24361553, सीआईएन 61.74899DL1.1974GO1007417
REGD. OFFICE : SCOPE COMPLEX, CORE-III, 7 INSTITUTIONAL AREA, LODHI ROAD, NEW DELHI - 110 003, ☎ : 011-24360066, FAX: 24361553, C IN: 61.74899DL.1974GO1007417
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वेबसाईट-नेशनलफर्टिलाइजर्स.कॉम
ईमेल: johnsonoram@nfl.co.in
मो. नं. 9812010646

नेशनल फर्टिलाइजर्स लिमिटेड

(भारत सरकार का उपक्रम)

नंगल इकाई, नया नंगल 140126 (पंजाब)

NATIONAL FERTILIZERS LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

NANGAL UNIT, NAYA NANGAL(PUNJAB) 140 126

(An ISO-9001:2015, ISO-14001:2015 & OHSAS-45001:2018 Unit)

GST No 03AAACN0189N2ZD



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Website : nationalfertilizers.com
Email: johnsonoram@nfl.co.in
Mob.no. 9812010646

Ref. no.: NFL/NGL/Elect/2021/R&S/ 440

Date:-21.09.2021

To
Sub Divisional Officer
PSPCL, Nangal

Subject: Regarding 66KV CT's/PT's for installation of interface energy meters (SEM meter) for NRLDC at NFL Nangal.

Dear Sir,

This is in continuation to letter ref. no: NFL/NGL/Elect/2021/R&S/404, dated:02.09.2021, in which 66KV metering CT's/PT's specifications are mentioned, and in reference to the WebEx conferencing organized by NRLDC on 25th August 2021. NFL was asked to check the burden and spare metering core on already installed CT's/PT's. It is confirmed that second spare metering cores of all metering CT's/PT's are available and can be used for installation of additional SEM meters by CTU.

In this regard, proposed SLD is prepared by remarking additional SEM meter installations (as per NRLDC) with red ink for your ready reference.

You are requested to give your consent for installation of interface energy meters (SEM meters) on above mentioned feeder as per proposed SLD, so that the status may be intimated to NRLDC.

Yours faithfully,
For National Fertilizers Limited, Nangal

21/09/2021
(Jonson Oram)
Chief Manager (Elect.)

Encl:

1. Copy of letter ref. no: NFL/NGL/Elect/2021/R&S/404, dated: 02.09.2021.
2. Copy of NRLDC latter ref. no. NRLDC/MO, dated: 08.03.2021.
3. Proposal for installation of SEM meters by CTU mentioned power drawl points (NRLDC latter).
4. Copy of Proposed SLD showing additional SEM meter (NRLDC requirement), Annèxure-1.

कारपोरेट कार्यालय : ए-11, सेक्टर 24, नोएडा, गौतम बुद्ध नगर, उत्तर प्रदेश पिन 201 301 ☎: 0120-2412294, 2412445 एवं 3092201 से 08 फ़ैक्स 2412597
CORPORATE OFFICE : A-11, SECTOR 24, NOIDA, GAUTAM BUDH NAGAR (UP) - 201 301. ☎: 0120-2412294, 2412445 & 309221 to 08, FAX : 2412597
L.कार्यालय : स्कोपेकॉम्प्लेक्स, कोर-III, 7, इंस्टीट्यूशनल आरबी. लोधी रोड, नई दिल्ली- 110 003, ☎: 011-24360066, फ़ैक्स 24361553, सीआईएन 74899DL1974G01007417
GD. OFFICE : SCOPE COMPLEX, CORE-III, 7 INSTITUTIONAL ARBA, LODHI ROAD, NEW DELHI - 110 003, ☎: 011-24360066, FAX: 24361553. CIN. L74899DL1974G01007417
Website: www.nationalfertilizers.com



फोन-01887-220541
एस्टीमेटिंग-01887
ईपीएबीएक्स-220570
वेबसाइट-नेशनलफर्टिलाइजर्स कॉम
ईमेल-johnsonoram@nfl.co.in
मो. नं. 9812010646

नेशनल फर्टिलाइजर्स लिमिटेड
(भारत सरकार का उपक्रम)
नंगल इकाई, नया नंगल 140126 (पंजाब)
NATIONAL FERTILIZERS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
NANGAL UNIT, NAYA NANGAL (PUNJAB) 140 126
(An ISO-9001:2015, ISO-14001:2015 & OHSAS-45001:2018 Unit)
GST No 03AAACN0189N2ZD



FAX: 01887-220541
STD No. 01887
EPABX No. 220570
Website : nationalfertilizers.com
Email: johnsonoram@nfl.co.in
Mob.no. 9812010646

Ref. no.: NFL/NGL/Elect/2021/R&S/ 404

Date:-02.09.2021

To
SDO,
PSPCL, Nangal.

Sub: - Regarding 66 KV CTs/PTs for installation of interface energy meters (SEM meter) for NRLDC at NFL Nangal.

Dear Sir

This is in reference to the WebEx conferencing organized by NRLDC on 25th August 2021. NFL was asked to check the burden and spare metering core on CT/PT. Please find below the metering 66KV metering specifications installed at our 66KV switchyard:

66KV Metering CT, PT detail at NFL Nangal										
Feeder	CT specifications					PT specifications				
	Make	Burden	Core 1	Core 2	Accuracy Class	Make	Burden	Core1	Core2	Accuracy Class
NGE1	AE	30VA	300/1	300/1	0.2	AE	50VA	(66KV/√3) / (110V/√3)	(66KV/√3) / (110V/√3)	0.2
NGE2	MEHRU	30VA	300/1	300/1	0.2S	MEHRU	50VA	(66KV/√3) / (110V/√3)	(66KV/√3) / (110V/√3)	0.2
GTG1	MEHRU	30VA	300/1	300/1	0.2S	MEHRU	50VA	(66KV/√3) / (110V/√3)	(66KV/√3) / (110V/√3)	0.2
GTG2	MEHRU	30VA	300/1	300/1	0.2S	MEHRU	50VA	(66KV/√3) / (110V/√3)	(66KV/√3) / (110V/√3)	0.2

You are requested to give your consent either to use your metering core or spare core for installation of interface energy meters (SEM meter) on above mentioned feeders as deliberated in the WebEx Conference, so that the status may be intimated to NRLDC in schedule time.

Yours faithfully,
For National Fertilizers Limited, Nangal


(Jonson Oram)
Chief Manager (Elect.)

कारपोरेट कार्यालय : ए-11, सेक्टर 24, नोएडा, गौतम बुद्ध नगर, उत्तर प्रदेश पिन 201 301 ☎: 0120-2412294, 2412445 एवं 3092201 से 08, फॅक्स 2412397
CORPORATE OFFICE : A-11, SECTOR 24, NOIDA, GAUTAM BUDH NAGAR (UP) - 201 301, ☎: 0120-2412294, 2412445 & 309221 to 08, FAX : 2412397
राजि. कार्यालय : स्कोपेकॉम्प्लेक्स, कोर-III, 7, इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003. ☎: 011-24360066, फॅक्स 24361553, मीआईएनरुल74899DL1974GO1007417
REGD. OFFICE : SCOPE COMPLEX, CORE-III, 7 INSTITUTIONAL AREA, LODHI ROAD, NEW DELHI - 110 003. ☎: 011-24360066, FAX: 24361553. CIN: L74899DL1974GO1007417
Website: www.nationalfertilizers.com

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेशण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax: 011- 26852747

NRLDC/MO/

Date: 7th October 2021

To,

Dy Chief Engineer

PSPCL, Ropar

Subject: Regd. Installation of Interface Energy Metering on 66 kV feeders at NFL, Nangal.

Kind Attention: S. S. Sehmbi

Dear Sir,

This is in reference to NFL letter No NFL/NGL/ELECT/R&S/2021/404 dtd 02.09.2021 and NFL/NGL/ELECT/R&S/2021/440 dtd 21.09.2021. NFL has confirmed vide their letter that second metering core of all metering CT's/PT's are available and can be used for installation of additional Interface Energy Meter by CTU.

Further, in the meeting held by NRLDC via WebEx video conferencing on 25.08.2021 with BBMB, PSTCL, POWEGRID & NFL, the issue was deliberated at length and it was decided that PSPCL will take proper approval from competent authority for installation of Interface Energy Meter and intimate status of feasibility for installation of Interface Energy Meter to NRLDC within one month.

It is therefore again requested to PSPCL to kindly expedite the case on priority and advise the concerned to coordinate with NFL & CTU for installation of Interface Energy meter on 66 kV feeders as decided in the meeting at the earliest.

Matter Most Urgent.

Thanking you,

Yours faithfully,

(Neeraj Kumar)
Sr. DGM (Market Operation)

Copy for kind information:

1. Chief Engineer, PSPCL
2. Chief Engineer, PSTCL
3. Chief manger(Electr.),NFL, Nangal
4. CGM (I/C), NRLDC, New Delhi
5. Sr.GM (MO) , NRLDC, New Delhi

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
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उत्तरी क्षेत्रीय भार प्रेशण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जेठ सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
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CIN : U40105DL2009GOI188682, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax: 011- 26852747

NRLDC/MO/

Date: 25th October 2021

To,

1. Addl. SE, Commercial, BBMB, Industrial Area Phase I, Chandigarh-160002
2. Chief Engineer(PP& R), D-3, Shakti Vihar,(Opp.23 No railway Fatak) PSPCL, Patiala-147001
3. Chief Engineer , HP State Load Despatch Centre, Govt of HP,, Totu , Shimla-171011

Subject: Regd. Installation of Interface Energy Metering on small feeders.

Dear Sir,

This is in reference to NRLDC Letter NRLDC/MO/ dtd 06.09.2021, regarding meeting held by NRLDC via WebEx video conferencing on 25.08.2021 with BBMB, PSTCL, POWERGRID & NFL. The issue was deliberated at length and it was decided that BBMB/PSPCL will check the small feeder list (attached at Annexure-1) and will intimate to NRLDC regarding feasibility for installation of IEM on these small feeders. NFL has confirmed vide their letter NFL/NGL/Electr/R&S/2021/451 dtd 01.10.2021, that second metering core of all metering CT's/PT's are available and can be used for installation of additional Interface Energy Meter by CTU/POWERGRID for calculation of Punjab/NFL Drawl.

In this regard, therefore it is once again requested to kindly expedite the case on priority and advise the concerned to coordinate with CTU/POWERGRID for installation of Interface Energy meter on small feeders as decided in the meeting at the earliest.

Matter Most Urgent.

Thanking you,

Yours faithfully,

(Neeraj Kumar)
Sr. DGM (Market Operation)

Copy for kind information:

1. Chief Engineer, PSTCL
2. Chief Manager(Electrical),NFL, Nangal
3. CGM (I/C), NRLDC, New Delhi
4. Sr.GM (MO) , NRLDC, New Delhi

Annexure-1

Existing Formulae: IW-91 (BBMB Irrigation Wing consumption) =
(EH-05+EP-03+EP-07+IB-01+IP-01)

Sl.No	Code	Details of small feeders	Remarks
1	EH-05	Irrigation wing consumption at Dehar from HP	<i>No Interface Energy Meter installed on the feeders. Readings are being supplied on weekly /monthly basis by BBMB in excel format.(Taken from their own conventional Energy Meters)</i>
2	EP-03	Irrigation wing consumption at Bhakra from Punjab	
3	EP-07	Irrigation wing consumption at Pong/Talwara from Punjab	
4	IB-01	Irrigation Wing consumption at Bhakra from Plant itself	
5	IP-01	Irrigation wing consumption at Pong from the plant itself	

Existing Formulae: NF-01 (Drawl of NFL at Bhakra) = (BH-09+BH-10-EN-01)

Sl.No	Code	Details of small feeders	Remarks
1	BH-09	66 kV NFF-1 at Bhakra Left Bank	CTU meter
2	BH-10	66 kV NFF-2 at Bhakra Left Bank	CTU meter
3	EN-01	NFL Consumption from Punjab (Presently included in Punjab Drawl	<i>No Interface Energy Meter installed on the feeders. Readings are being supplied on weekly basis by BBMB/NFL in excel format.(Taken from their own conventional PSPCL Energy Meters)</i>



Neeraj Kumar
Sr DGM,NRLDC

Small Feeder Data used in Punjab Drawl

PB-02= (EP-02 -EP-01-EP-03-EP-07+EN-01)

Sl.No	Code	Details of small feeders	Remarks
1	EP-02	11 kV Ganguwal-Anandpur Sahib& ASHP	<i>No Interface</i>
2	EP-01	11 kV Kotla-Kiratpur Sahib /11 KV Kotla Nakkian	<i>Energy Meter</i>
3	EP-03	Irrigation wing consumption at Bhakra from Punjab	<i>installed on</i>
4	EP-07	Irrigation wing consumption at Pong/Talwara from Punjab	<i>the feeders.</i>
5	EN-01	NFL Consumption from Punjab (Presently included in Punjab Drawl . Proposed Formula for Punjab Drawl after installation of IEM at NFL (EN-01)= (66kV side of 66/11 kV NFL expan.-1 +66kV side of 66/11 kV NFL expan.-2)+(66 kV side GTG Incomer-1+66 kV side GTG Incomer-2)	Readings are being supplied on weekly /monthly basis by BBMB in excel format.(Taken from their own conventional Energy Meters

Small Feeder Data used in H.P. Drawl = (EH-01-EH-05)

Sl.No	Code	Details of small feeders	Remarks
1	EH-01	11 kV Ganguwal-Nainadevi	<i>No Interface</i>
	EH-05	Irrigation wing consumption at Dehar from HP	<i>Energy Meter installed on the feeders.</i> Readings are being supplied on weekly /monthly basis by BBMB in excel format.(Taken from their own conventional Energy Meters



Neeraj Kumar
Sr DGM,NRLDC

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
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उत्तरी क्षेत्रीय मार प्रेशण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188682, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

NRLDC/MO/

Date: 12th Nov 2021

To,

- | | |
|---|--|
| 1. Chief Operating Officer (COO)
Central Transmission Utility of India Limited
Saudamini, Plot no 2, Sector-29(1st Floor),
Gurgaon, HR 122001. | 2. Executive Director, NRTS-1,
Power Grid Corporation of India Limited,
Sector-16A, Faridabad, Haryana -121002 |
| 3. Executive Director, NRTS-2,
POWERGRID, Grid Bhawan,
Rail Head Complex, Jammu- 180012 | 4. Executive Director, NRTS-3,
POWERGRID, 12, Maharana Pratap Marg,
Near Sikandar Bag Chauraha, Lucknow-
226001 |

Subject: Regarding replacement/Rectification of faulty Interface Energy Meter (IEM) & DCD in Northern region.

Dear Sir,

As per metering regulation of CEA, CTU is responsible for installation and replacement of IEM at ISTS level for the purpose of electricity accounting and billing of regional entities. NRLDC vide their letter NRLDC/MO dtd 19th July 2021 has requested for replacement/rectification of faulty IEM & DCD and list was also provided in the letter. Further detail list is again attached at **Annexure-1** for your reference. This issue has already been deliberated in 43rd commercial subcommittee meeting held on 13th April, 2021.

As you are all aware that weekly energy account is based on the IEM and due to faulty meter in some of the feeders, NRLDC is using other end IEM data for calculation of net injection/drawl of Utilities. In such scenario there is no redundancy to measure the energy flow and in case of outage of other end IEM, it is not possible to measure the electricity flow on the feeders and net drawl/Injection calculation would be wrong which may turn to huge commercial impacts on utilities.


Further the above issue was also deliberated in 49th meeting of Northern Regional Power Committee and 47th meeting of TCC held on 23rd, 24th & 27th Sept. 2021, wherein it was decided that CTU/POWERGRID shall take action for replacement of defective IEM & DCD and complete the same by 31.12.2021 in all respect.

Therefore, it is requested to take suitable necessary action from your side for replacement of the IEM & DCD and action plan and time line for the completion of the work may be intimated to NRLDC.

Matter most urgent.

Thanking you,

Yours faithfully,



(N. Nallarasani)
(Chief General Manager (I/c), NRLDC)

Copy for kind information:

1. MS, NRPC, Katwaria Sarai, New Delhi
2. Director, Operation, POWERGRID
3. Director, Market Operation, POSOCO

Annexure-1

List of Faulty Interface Energy Meter (IEM) in Northern Region.

S.No	Serial No	Type	Feeder name	Region	Remarks
1	NR-4523-A	M	220kV Gazipur (DTL) at Sec-20 Noida-UPPCL	NR-1	Faulty
2	NP-5183-A	M	220kV Gazipur(DTL) at Sec-62 Noida-UPPCL	NR-1	Faulty
3	NR-4600-A	M	400 kV ICT-2 at Prithala-Sterlite	NR-1	Read less
4	NP-1035-B	M	220kV RAPSB at Kota-RVPNL	NR-1	Time Drift>1 day
5	NP-6622-A	M	220kV feeder from Dadri Gas to Thermal	NR-1	Read abrupt
6	NR-4570-A	M	ICT-1 (400 kV) at Sikar-PG(Raj drwl)	NR-1	Date not correct
7	NR-3775-A	M	400 kV Rishikesh(UK) at Nehtaur-UPPCL	NR-1	Faulty
8	NR-3368-A	M	220kV Kishenpur-1 at Salai HPS	NR-2	Faulty
9	NP-1628-A	M	GT-9(220 kV) at Bhakra Right Bank	NR-2	Faulty
10	NP-1673-A	M	GT-2(220 kV) at Pong HPS	NR-2	Faulty
11	NR-3651-A	M	220kV Bhiwani(HVPN)-1 at Bhiwani-BBMB	NR-2	Faulty
12	NP-1433-A	S	220/132kV ICT-2(132kV) at Kurukshetra-BBMB	NR-2	Faulty
13	NR-3234-A	S	220kV Dhulkote-2 at Panipat-BBMB	NR-2	Faulty
14	New Meter	S	220kV Sangrur-1 at Jamalpur-BBMB	NR-2	Faulty
15	NP-6962-A	M	400 kV Abdullapur-PG at Dipalpur-HVPNL	NR-2	Time drift >1day
16	NR-3642-A	S	20kV Chirawa at Hissar-BBMB	NR-2	Read abrupt
17	NP-1829-A	M	132 kV Bassi-2 at Shanani-PSEB	NR-2	Time drift more than 12 hrs
18	NP-1588-A	S	220 kV Jalandhar(PG)-1 at Kartarpur-PSEB	NR-2	Time drift
19	NR-3266-A	L	765KV Bikaner-1 at Moga-PG	NR-2	Faulty
20	NP-6621-A	M	GT-1 (220kV) at NAPS	NR-3	Faulty
21	NP-9889-A	M	400kV Allahabad- 2 at Singrauli STPS(NP-1553-A changed) _#Singrauli STPS	NR-3	Data not getting converted
22	NP-9888-A	M	33KV Singrauli STPS at Singrauli Hydro (NR-4493-A changed) _#Singrauli Solar	NR-3	Data not getting converted
23	NP-1311-A	C	220kV Swaimadhapur at Anta CCPP	NR-3	Faulty
24	NP-1286-A	M	132kV Morwa at Bina-UPPCL	NR-3	Faulty
25	NP-1792-A	M	132kV Thakurdwara/Moradabad at Mahuakheraganj(pre Kashipur)-UPCL	NR-3	Faulty
26	NP-1788-A	M	132kV Nehtaur-1 at Laksar-UPCL	NR-3	Faulty
27	NP-8206-A	M	220kV Tanakpur-1 at CB Gunj-UPPCL	NR-3	Faulty
28	NP-8056-A	M	220kV NAPS at Simbhauri-UPPCL	NR-3	Faulty
29	NP-1760-A	M	220kV Baikantpur(Bareilly) at Pantnagar-UPCL	NR-3	Faulty
30	NP-7722-A	M	220kV CBGunj-1 at Tanakpur HPS	NR-3	Faulty
31	NR-3625-A	L	400 kV Allahabad-II at Kanpur(GIS)PG	NR-3	Faulty
32	NR-4383-A	S	400KV Unchahar-I at Fatehpur-PG	NR-3	Faulty
Total IEM requirement					32

List of DCD replacement/requirement at Various Substations in Northern Region

S.No	Name of the Substation	No of DCD	Region	Remarks
1	400 kV Dhanonda-HVPNL	1	NR-2	DCD defective.
2	220 kV Anta-NTPC	1	NR-3	DCD defective.
3	220 kV MIA-RVPNL	1	NR-1	DCD required for time correction only however data is received at NRLDC through AMR
4	400 kV Ratangarh-RVPNL	1	NR-1	-----do-----
5	132 kV Amarpura-Tehdi-RVPNL	1	NR-1	-----do-----
6	220 kV Swaimadhampur-RVPNL	1	NR-1	-----do-----
7	220 kV Khetri-RVPNL	1	NR-1	-----do-----
8	400 kV Chittoragarh-RVPNL	1	NR-1	-----do-----
9	220 kV Chittoragarh-RVPNL	1	NR-1	-----do-----
10	765 kV Phagi-RVPNL	1	NR-1	-----do-----
11	220 kV Bagru-RVPNL	1	NR-1	-----do-----
12	220 kV Dausa-RVPNL	1	NR-1	-----do-----
13	220 kV Lalsot-RVPNL	1	NR-1	-----do-----
14	220 kV Bhilwara-RVPNL	1	NR-1	DCD defective.
15	400 kV Ajmer-RVPNL	1	NR-1	DCD defective.
16	400 kV Merta-RVPNL	1	NR-1	DCD defective
17	220 kV Chirawa-RVPNL	1	NR-1	DCD defective.
18	400 kV Babai-RVPNL	1	NR-1	DCD defective
19	BBMB Pong	1	NR-2	DCD defective.
20	Bhakra-Left BBMB	1	NR-2	DCD defective.
	Total DCD requirement	20		



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(भारत सरकार का उद्यम)
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उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE
कार्यालय : 18-ए, शाहीद जेत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016
OFFICE : 18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi- 110016
CIN : U40105DL2009GOI188882, Website : www.nrlcdc.org, www.nrlcdc.in, Tel.: 011- 26519406, 26523869, Fax : 011- 26852747

NRLDC/MO/

Date: 2nd February 2022

To,

As per Distribution List

Subject: Regarding Delay in receipt of Weekly Interface Energy Meter (IEM) Data of week from 17/01/2022 to 23/01/2022 at NRLDC.

Dear Sir,

NRLDC are discharging their statutory responsibility of keeping account of electricity / issuance of weekly energy account etc. Timely receipt of meter reading data at NRLDC is a pre-requisite for discharging NRLDC statutory responsibility within time frame. Delay or non-availability of meter data results in discrepancy in weekly deviation settlement account that causes huge financial implications. Sub-proviso (21) of proviso 4 of Regulation 6 of CERC (Indian Electricity Grid Code) Regulations, 2010 provides that:

Quote

"All concerned entities (in whose premises the Interface Energy Meters are installed) shall take weekly meter readings and transmit them to the respective RLDC by Tuesday noon. The SLDC must ensure that the meter data from all installations within their control area are transmitted to the RLDC within the above schedule."

Unquote

It must be ensured that the meter data from all installations within their control area are transmitted to the RLDC within the above schedule. However, it is observed that Interface Energy Meter from some locations are frequently not received on time in accordance with IEGC provisions. Details of IEM whose data for the week 17/01/2022 to 23/01/2022 were not received by Tuesday (25/01/2022) are attached at Annex-1.

It is therefore requested that all concerned may please be advised to transmit IEM data every week to NRLDC by Tuesday noon in line with IEGC provision.

Thanking you,

Yours faithfully,



(Neeraj Kumar)
Sr. DGM (Market Operation)

Copy for kind information:

1. MS, NRPC, Katwaria Sarai, New Delhi
2. Chief Operating Officer (COO), CTUIL
3. ED (I/C), NRLDC, New Delhi
4. CGM (Market Operation) NRLDC, New Delhi
5. Sr. GM (Market Operation) NRLDC, New Delhi

Distribution List

Sl No	Description	Sl No	Description
1	Shri. D. P. Singh, Nodal Officer AGM, NTPC Ltd Tc-33/V-1, Northern Region Arcade, Gomti Nagar, Lucknow - 226010, Vibhuti Khand, Near Crpf Central Commend	2	Sh. Vijay Kumar, Nodal Officer Sr.Manager (Electrical) NHPC Office Complex, Sector-33, Faridabad, Haryana 121003
3	Er. Pooja Gupta, Addl. SE/Commercial Nodal Officer (Metering) BBMB Complex SLDC Complex, Industrial Area Phase I, Chandigarh, 160002	4	Shri. Vinod Kumar Prajapati, AE & Nodal Officer (Metering), Office of Director (Operation), Uttar Pradesh Power Transmission Corporation Ltd 11 Floor, Shakti Bhawan, 14, Ashok Marg, Lucknow-226010, Uttar Pradesh
5	Managing Director, J&K State Power Dev. Corp., Srinagar, J&K	6	Chief Engineer SLDC , PSTCL, Patiala
7	Chief Engineer SLDC , RVPNL, Heerapura, Jaipur-302005	8	Chief Engineer SLDC -UP ,Lucknow Uttarpradesh
9	Chief Engineer SLDC -PTCUL, Dehradun-248001	10	Chief Engineer SLDC - HP Load Dispatch, Totu , Shimla
11	Sh. Kamal Singh, Nodal Officer & SE (MPT&S), Rajasthan Rajya Vidyut Prasaran Nigam Ltd., 132 kV GSS Chambal Power House, Hawa Sadak, Sodala Jaipur-302006	12	Chief General Manager (AM) NRTS-1, Power Grid Corporation of India Limited, Sector-16A, Faridabad, Haryana -121002
13	Chief General Manager (AM), NRTS-2, POWERGRID, Grid Bhawan, Rail Head Complex, Jammu- 180012	14	Chief General Manager (AM), NRTS-3, POWERGRID, 12, Maharana Pratap Marg, Near Sikandar Bag Chauraha, Lucknow-226001
15	Rajasekhar Chilukuri Chief Manager-O&M Sterlite Power Transmission Limited, 765/400KV Substation,Songir Behind Gramin Hospital+C9 Dhule,MH-424309	16	General Manager, SLDC Delhi Transco Ltd SLDC Building (Behind Jakir Husain College) Tagore Hostel Lane, Minto Road New Delhi-110 002
17	Sh. Shiv Kumar XEN/Energy Center & Nodal Officer (Metering), Haryana Vidyut Prasaran Nigam Limited, Shakti Bhawan, Sector-6, Panchkula (Haryana) 134 109	18	Er. Ravinder Kumar Sr. Executive Engineer(Electrical) HPSLDC, Govt. of HP, SLDC Complex, Totu, Shimla-11 Himachal Pradesh
19	Development Commissioner, Power Development Department (J&K), Address-1: Lottery Building, Behind Civil Secretariat, Srinagar, J&K Pin code: 190009 Address-2: Grid Station Complex, Janipur, Jammu 180016.	20	Senior Executive Engineer CO&C Division PSTCL, Patiala, Punjab-147001

Distribution List

21	Director (Operations),PTCUL Vidyut Bhawan Saharanpur Road, Majra, Near ISBT Crossing, Dehradun-248002, Uttarakhand	22	Er. Rajesh Kumar HPPTCL(HP Govt Undertaking) 33/220 kV 100 MVA GIS s/stn Phojal VPO Dobhi Distt Kullu HP 175129
23	DGM, Protection & Metering, 220 kV S/S, Park street Delhi Transco Ltd Opposite Lal Katora stadium New Delhi-110 001	24	Er. Ravinder Kumar Sr. Executive Engineer(Electrical) HPSLDC, Govt. of HP, SLDC Complex, Totu, Shimla-11 Himachal Pradesh
25	M/s Azure Power_Bhadla (200MW) 4th floor, South Wing, Adani Corporate House, Shantigram, Near Vaishnav Devi Circle Ahmedabad-382421	26	M/s APTFPL_Jodhpur Azure-34(130MW) 4th floor, South Wing, Adani Corporate House, Shantigram, Near Vaishnav Devi Circle Ahmedabad-382421
27	M/s APFTPL_Bikaner Azure-43(2*300MW) 4th floor, South Wing, Adani Corporate House, Shantigram, Near Vaishnav Devi Circle Ahmedabad-382421	28	M/s Azure Power forty One Pvt. Ltd. Village- Nure ki Bhurj, Khakhuri & Dedasari, Tehsil- Bap, Distt- Jodhpur, Rajasthan- 342307
29	M/s SB_Energy_Bhadla(200MW) Saurya Urja Company Of Rajasthan, 1000 MW Solar park Bhadla Phase -III,Bap, Jodhpur,Rajasthan Pin-342301	30	M/s Clean Solar(300MW) Saurya Urja Company Of Rajasthan, 1000 MW Solar park Bhadla Phase -III,Bap, Jodhpur,Rajasthan Pin-342302
31	M/s ARERJL(200MW)Adani Green Energy Ltd , VPO-Rawra, Tehsil-Bap, District-Jodhpur pin code-342307, Rajasthan	32	M/s KSMP(50MW)Adani Green Energy Ltd , VPO-Rawra, Tehsil-Bap, District-Jodhpur pin code-342307, Rajasthan
33	M/s AGENL(50MW)Adani Green Energy Ltd , VPO-Rawra, Tehsil-Bap, District-Jodhpur pin code-342307, Rajasthan	34	M/s TPREL_Chhayana(2*150MW), Village : Chhayana Tehsil : Pokaran, Jaisalmer,Rajasthan,Pincode:345023
35	M/s ACME_Chittorgarh(250MW) 250MW MSEDCL-Site, ACME Chittorgarh solar energy pvt limited, Vill:- Aakhadana, Jodhpur, Rajasthan	36	M/s MRPL_Mahindra-Jodhpur(250MW) MRPL ISTS-1 250MW BHEEM JI KA GAV, BAP, RAJASTHAN 342307
37	M/s SB_Energy_Six_Pokaran(600MW) M/s Soft bank energy Six private limited(SBE6PL) Essel solar park, village :Lawan and purohitar, Tehsil: pokhran, District: Jaisalmer(Raj-345021)	38	M/s EDEN(300MW) 236 B&C, First Floor, DLF South Court, Saket, Delhi-110017
39	M/s SBSR (300 MW)Adani Green Energy Ltd 4th Floor , South wing, Adani Corporate House,Shantigram,near Vaishnodevi Circle, SG Highway, Ahmedabad-380058,Gujarat	40	M/s ADANI ONE HYBRID Pvt Ltd Village Madhipura, Tehsil-Pokharan,Dist-Jaisalmer, Rajasthan-345026
41	M/s Adani Hybrid Jaislmer2 Pvt Ltd 4th Floor, South Wing, Adani Corporate House, SG Road, Ahmedabad- 382421	42	M/s Adani Hybrid Jaislmer3 Pvt Ltd 4th Floor, South Wing, Adani Corporate House, SG Road, Ahmedabad-382421
43	M/s Adani Hybrid Jaislmer4 Pvt Ltd Adani Corporate House, 4th Floor South Wing, Shantigram, S G Highway, Ahmedabad – 382 421	44	M/s Aavaada Sunce Energy Pvt Ltd Avaada Sunce Energy Private Limited, C-11, Sector-65, Gautam Buddha Nagar, Noida, UP - 201301
45	M/s Ayana Renewable Power One Pvt Ltd 52904, 29th Floor, World Trade Center, Brigade Gateway, 26/1, Dr. Rajkumar Road, Malleswaram (West), Bangalore- 560055	46	M/s Renew Solar Urja Pvt Ltd ReNew Power, Commercial Block-1, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram-122009, Haryana
47	M/s Renew Sun Bright Pvt Ltd Commercial Block-1, Golf Course Rd, DLF City, Zone 6, Sector 43, Gurugram, Haryana 122009	48	M/s Renew_SunwaveReNew Power, House no-B270,R.P colony,Jaisalmer ,Pin No-345001 (Rajasthan)
49	M/s Renew Power_Bhadla RENEW SOLAR POWER Pvt. Ltd, Commercial Block-1, Zone 6, Golf Course Road, DLF City phase-V,Gurugram	50	M/s Renew_Bikaner(250MW) RENEW SOLAR POWER Pvt. Ltd, Commercial Block-1, Zone 6, Golf Course Road, DLF City phase-V,Gurugram

Distribution List

51	M/s Renew Solar Energy Jharkhand Three Pvt. Ltd.Block-1, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram, 122009 Haryana		
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Annex-1					
Details of Interface Energy Meters whose data for the week of 170122-230122 were not received by Tuesday (25.01.22)					
Sl.No	Utility Name /Responsibility	Sub-Stn/Gen Stn.Name	Installed on Feeder	Loc. Code	Meter No
1	PGCIL_Nr1	Dadri-HVDC(from thermal)	6.6kV HVDC-1(aux)	DA-05	NR-4684-B
2	PGCIL_Nr1	Dadri-HVDC(from Gas)	6.6kV HVDC-2(aux)	DA-06	NR-4694-B
3	PGCIL_Nr3	Lucknow-PG	400kV Kanpur-1	NY-84	NR-3629-A
4	PGCIL_Nr3	Lucknow-PG	400kV Kanpur-2	NY-85	NR-3657-A
5	PGCIL_Nr3	Lucknow-PG	400kV/38.5 kv Coupling Tarnformer Statcom	NB-66	NR-3659-A
6	PGCIL_Nr3	Lucknow-PG	765kV Balia-PG	NS-03	NR-3665-A
7	PGCIL_Nr3	Lucknow-PG	765kV Bareilly-PG	NU-05	NR-3858-A
8	NTPC	Koldam HPP	GT-1 (400 kV)	KD-01	NP-8807-A
9	NTPC	Koldam HPP	GT-2 (400 kV)	KD-02	NP-8808-A
10	NTPC	Koldam HPP	GT-3 (400 kV)	KD-03	NP-8809-A
11	NTPC	Koldam HPP	GT-4 (400 kV)	KD-04	NP-8810-A
12	NTPC	Koldam HPP	400 kV Nalagarh	KD-05	NP-8833-A
13	NTPC	Koldam HPP	400 kV Nalagarh	KD-06	NP-8832-A
14	NTPC	Koldam HPP	400 kV Banala	KD-07	NP-8838-A
15	NTPC	Koldam HPP	400 kV Banala	KD-08	NP-8837-A
16	NTPC	Koldam HPP	400 kV Ludhiana-1	KD-09	NP-8840-A
17	NTPC	Koldam HPP	400 kV Ludhiana-1	KD-10	NP-8839-A
18	NTPC	Koldam HPP	400 kV Ludhiana-2	KD-11	NP-8841-A
19	NTPC	Koldam HPP	400 kV Ludhiana-2	KD-12	NP-8811-A
20	NHPC	Chamera-3 HPS	220kV Budhil Lanco HEP	CM-26	NP-1644-A
21	NHPC	Chamera-3 HPS	220kV Budhil Lanco HEP	CM-35	NP-3143-A
22	NHPC	Chamera-3 HPS	220kV Chamba-PG-1	CM-28	NP-7003-A
23	NHPC	Chamera-3 HPS	220kV Chamba-PG-1	CM-29	NS-1034-A
24	NHPC	Chamera-3 HPS	220kV Chamba-PG-2	CM-30	NP-3136-A
25	NHPC	Chamera-3 HPS	220kV Chamba-PG-2	CM-31	NS-1006-A
26	NHPC	Chamera-3 HPS	220kV GT#1	CM-32	NP-7113-A
27	NHPC	Chamera-3 HPS	220kV GT#2	CM-33	NP-1573-A
28	NHPC	Chamera-3 HPS	220kV GT#3	CM-34	NP-8396-A
29	HP	Malana HEP-2	GT#1(132kV)	ML-01	NP-6972-A
30	HP	Malana HEP-2	GT#2(132kV)	ML-02	NP-8266-A
31	HP	Malana HEP-2	132 kV Chhaur-1	ML-03	NP-1161-A



Neeraj Kumar
Sr DGM (MO),NRLDC