

I/29700/2023



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

दिनांक: 16 अगस्त, 2023

सेवा में / To,

Members of Commercial Sub-Committee (As per List)

वाणिज्यिक उपसमिति केसभी सदस्य (संलग्न सूचीनुसार)

विषय: उ.क्षे.वि.स. की वाणिज्यिक उप-समिति की 47 वीं बैठक- संबंधी सूचना |

Subject: 47thmeeting of Commercial Sub-committee- Meeting notice.

महोदय/ Sir,

उत्तर क्षेत्रीय विद्युत समिति की वाणिज्यिक उप-समिति की 47 वीं बैठक 22 अगस्त, 2023 को 11:00 बजे से विडियो कॉन्फ्रेंसिंग द्वारा आयोजित की जायेगी। उपरोक्त बैठक से सम्बंधित कार्यसूची **Annexure** पर संगलन हैं। बैठक में भाग लेने की कृपा करें।

The 47th meeting of Commercial Sub-Committee of NRPC is scheduled to be held on **22nd August 2023 at 11:00 AM** via video conferencing. The agenda for the meeting is enclosed at **Annexure**. Kindly make it convenient to attend the meeting.

Enc.: As above.

भवदीय,

Signed by Anzum Parwej

Date: 16-08-2023 15:48:04

Reason: Approved

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

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**AGENDA
FOR
47th MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC**

ITEM-1 Confirmation of Minutes of 46th Meeting of Commercial Sub Committee of NRPC

- 1.1** The minutes of 46th meeting of Commercial Sub-committee held on 28.11.2022 were issued vide letter No. NRPC/ Comm1/210/CSC(46)/2022/12199-12242 dated 14.12.2022. No comment has been received on the minutes.
- 1.2** Sub-committee may confirm the minutes of 46th CSC meeting of NRPC.

ITEM-2 Request for relaxing Deviation Settlement Mechanism (DSM) penalty under Force Majeure condition (Agenda by HP SLDC)

- 2.1** HPSLDC has requested to relax DSM penalty under Force Majeure Condition of HP State for the period w.e.f. 08.07.2023 to 16.07.2023.
- 2.2** With reference to the subject cited above, it is submitted that due to heavy rains & floods on dated 08.07.2023 & 09.07.2023 in the State of Himachal Pradesh, many hydro generators went under force outage. The day wise Generation loss in respect of HP Control Area is as under:

Date	HPSEBL Own Generation	Basp a HEP	SJV N	IPP s	HPPC L	Shared Generation	Total Generation Loss
08.07.2023	1.4	0.30	0.00	0.00	0.40	0.00	2.10
09.07.2023	9.35	7.92	0.00	8.90	3.10	3.00	32.27
10.07.2023	9.42	7.92	10.93	7.00	5.00	3.00	43.27
11.07.2023	8.28	7.92	10.93	6.50	5.00	3.00	41.63
12.07.2023	7.05	7.92	6.93	5.00	5.00	3.00	34.90
13.07.2023	6.00	4.00	2.00	4.50	5.00	3.00	24.50
14.07.2023	5.00	0.00	0.00	4.50	4.00	3.00	16.50
15.07.2023	5.00	0.00	0.00	4.50	3.90	2.50	15.90
16.07.2023	5.00	0.00	0.00	4.50	4.00	1.50	15.00

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- 2.3** From the above table-A, it can be seen that huge Generation loss has occurred in respect of Himachal Pradesh. Despite of above huge Generation loss, Himachal Pradesh has taken all the necessary actions to minimize the over-drawal as much as possible by URS booking and by purchasing power from Power Exchanges in real time market (RTM) as well as day ahead market (DAM). The day wise detail of URS booked and RTM & DAM purchase is as under:

Date	URS Booked	DAM Purchase	RTM Purchase	Total Purchase
08.07.2023	0.05	0.00	0.19	0.25
09.07.2023	13.36	0.48	14.31	28.16
10.07.2023	24.96	0.00	7.26	32.22
11.07.2023	22.29	1.01	5.02	28.32
12.07.2023	19.48	1.54	2.54	23.57
13.07.2023	1.09	0.00	1.92	18.01
14.07.2023	6.70	0.82	0.52	8.05
15.07.2023	4.28	2.33	0.31	6.92
16.07.2023	4.43	0.00	0.82	5.24

- 2.4** It is mentioned that, Himachal Pradesh has taken all the necessary steps to minimize the over-drawal from the Grid and requested to relax DSM Penalty under Force Majeure condition to avoid financial loss to HP State on the account of DSM as HP State entities have suffered a lot due to heavy rains and flood in the State.

Members may deliberate.

ITEM-3 Difference in LTA Schedule- reg. (Agenda by HP SLDC)

- 3.1** With reference to the subject cited above, HP SLDC intimated that the following projects in respective control area have bilateral shares in HP State:

Sr. No.	State Name	Project Name	%age Share / MW Share
1.	Uttarakhand	Kulhal	20%
		Chibro	25%
		Khodri	25%
		Dhalipur	25%
		Dhakrani	25%
2.	Punjab	Ranjit Sagar Dam	4.6%
		Shanan	9.57 MW (Fixed)

3.	Uttar Pradesh	Khara	20%
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Table C

- 3.2** It is mentioned that the above projects are not revising their updated schedule in real time as per IEGC timeline on the WBES portal of NRLDC, which is resulting into huge financial loss to HP State, as HP state is unable to regulate its own generation as per requirement to minimize the deviation during the real time operation
- 3.3** Further, during the calculation of DSM bills in respect of HP state / HP Control Area, the schedule value of these projects are being replaced by their actual generation due to the nature of these legacy projects and some of these generating plants are not submitting the meter data, which is further resulting into more financial loss to HP State. The detail of difference between schedule generation provided by the respective state on WBES portal and actual generation as per SCADA for the months of April, 2023 & May, 2023 is attached as Annexure A (Punjab), B (UP) and C (Uttarakhand) for reference. It is evident from these Annexures that there are huge deviations between schedule and actual generation
- 3.4** In this regard, HP SLDC has requested for necessary directions to the concerned officers as well as concerned generators to timely intimate/Punch the revised schedule on the WBES portal of NREB as per NRLDC as per IEGC timeline, so that the proper power regulation to minimize the deviation as well as financial loss to HP State could be avoided due to difference in schedule and actual generation of above mentioned projects under respective control area.

Members may deliberate.

ITEM-4 Issues in declaration of AvC by RE Plants (Agenda by NRPC Sectt)

- 4.1** It has been observed that some RE plants such as (300MW Azure Mapple, 300 MW Acme Heergarh, 130 MW Azure Power 34 at Bhadla (PG) and 200 MW Azure at Adani Bhadla) are submitting full AvC (Available capacity) whereas the maximum generation is far less than the AvC/contract capacity/Installed Capacity and also Low CUF are being observed in these plants compared to other RE.

4.2 As per CERC

- CERC vide letter dated 03.03.2017, has issued the approved “Procedure for implementation of the framework on Forecasting, Scheduling and Imbalance Handling for Renewable Energy (RE) Generating Stations including Power Parks based on wind and solar at Inter-State level.
- In the above regulation/procedure the definition of AvC is given which is as follows:

“Available Capacity (AvC)’ for wind or solar generators which are regional entities is the cumulative capacity rating of the wind turbines or solar inverters that are capable of generating power in a given time-block.”

- In the SOR of the above-mentioned procedure, commission quoted the following:

*“AvC would be equal to the Installed Capacity, unless **one or more turbines/inverters are under maintenance or shutdown**. Any attempt at misdeclaration, that is declaration of capacity when it is actually not available due to reasons of maintenance or shutdown etc **would be treated as gaming and would be liable to action under appropriate provisions of the Act or the Regulations**”.*

- In this regard the following clauses related to Gaming may be referred:

IEGC Clause-6.4.18:

*It shall be incumbent upon the ISGS to declare the plant capabilities faithfully, i.e. according to their best assessment. In case, it is suspected that they have deliberately over/under declared the plant capability contemplating to deviate from the schedules given on the basis of their capability declarations (and thus make money either as undue capacity charge or as the charge for deviations from schedule), the **RLDC may ask the ISGS to explain the situation with necessary backup data**.*

IEGC Clause-6.4.24:

*RLDC shall periodically review the actual deviation from the despatch and net drawal schedules being issued, to check whether any of the regional entities are indulging in unfair gaming or collusion. **In case any such practice is detected, the matter shall be reported to the Member Secretary, RPC for further investigation/ action**.*

- 4.3** The agenda was also discussed in 208th OCC meeting dated 20.06.2023, where SE(O) NRPC requested NRLDC to share data with NRPC Sectt. for analysis and further action from NRPC end. NRLDC has shared the data with NRPC.
- 4.4** NRLDC shared the letter of communications regarding AvC related issues for the following plants:
1. 300MW Azure Maple connected at 220kV Bhadla_PG
 2. 300MW ACME Heergarh connected at 220kV Bhadla2_PG
 3. 300MW RSRPL evacuated through line of RSPPL connected at 400kV Bikaner_PG
 4. 130MW Azure 34 connected at 220kV Bhadla_PG
 5. 200MW Azure evacuated through Adani Park Bhadla connected at 220kV Bhadla_PG
 6. 300MW TS1PL connected at 220kV Bikaner_PG
- 4.5** After the analysis of data, it was observed that there is significant difference between the AvC then the actual generation of 300MW Azure Mapple, 300 MW Acme

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Heergarh, 130 MW Azure Power 34 at Bhadla (PG) and 200 MW Azure at Adani Bhadla.

Members may deliberate.

ITEM-5 Notification of CERC Regulations (Agenda by NRPC Sectt.)

5.1 CERC had notified following regulations w.e.f. 01.10.2023

- Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023
- Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) (First Amendment) Regulations, 2023

5.2 It is necessary for the utilities to go through the changes notified by Hon'ble CERC in the above regulations

Members may deliberate on major changes.

ITEM-6 Non Opening of Letter of Credit

(SJVN)

6.1 As per 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.

(THDCIL)

6.2 JKPCL has released all the instalments against outstanding amount. There is no major outstanding against J&K as on date. However, J&K has not opened the Letter of Credit (LC) amounting to Rs 16.29 Cr for Financial Year 2023-24 till date.

As per recently issued MoP Govt. of India Electricity (Late payment surcharge) rules, 2022 on 3rdJun'22, distribution licensees (DISCOMs) shall maintain unconditional, irrevocable and adequate payment security mechanism.

Therefore, it is requested from J&K to open the LC for year 2023-24 of requisite amount or adequate advance payment is to be made available immediately.

(Powergrid)

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6.3 MS, NRPC stated in the 45th meeting of Commercial Sub-Committee (Mom point no 2.5) that DICs/ DISCOMs are required to open of Letter of Credit or such other instrument of payment security mechanism for the required amount as per CERC (Sharing of Inter-State Transmission Charges and losses), Regulations, 2020/ MoP (LPS and Related Matters) Rules, 2022 and it must be adhered to by utilities. All defaulting agencies are requested to open LCs of the requisite amount at the earliest failing which their power may be regulated as per regulations/rules.

6.4 Despite the above, following DICs has not opened desired amount of LC:

- JKPCCL, J&K for establishment of Letter of Credit for an amount of Rs. 97.73 Cr, no action has been confirmed by J&K.
- GMR BAJOLI has not opened desired amount of LC of Rs. 4.14 Cr

6.5 LC of 210% is required from PSPCL since they have not signed Tripartite agreement as per CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020. At present, PSPCL have established LC of 105% of the average amount of the first bill of a year only.

As per para 19(2) of Sharing Regulation 2020 “In case of Tripartite agreement does not exist, the DIC shall open the Letter of Credit or provide an acceptable instrument of payment security mechanism for an amount equal to 2.10 (two point one times) the average amount of the first bill of a year.

6.6 Outstanding Details (Outstanding >45 days)

- JDVVN 50.42 Cr.
- JVVNL 45.33 Cr
- GMR 2.13 Cr
- DTL 21 Lakh

6.7 Pending Reconciliation Q1 FY 23-24

- NDMC
- AVVNL
- JDVVNL
- JVVNL

6.8 TDS Certificate FY 21-22, FY 22-23 is to be shared by NDMC & NPCIL

Members may deliberate.

ITEM-7 Non-impose/levies of surcharge amount on payment of Deviation Settlement charges. (Agenda by HP SLDC)

7.1 On the subject cited matter, it is mentioned that this office requested the Branch Manager, HDFC Bank based at Totu, Shimla to release the payment of Deviation

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Settlement Charges for the week 12 of financial year 2023-24 vide letter No. HPSLDC/F&A/DSM/Vol-XIII/2023-24-3010 dated 04.07.2023 (copy enclosed for reference as Annexure-D). But, the payment could not be released on 04.07.2023 due to some technical error in the bank system, as intimated by the concerned bank through email on 05.07.2023 (copy enclosed for reference).

- 7.2 Therefore, HP SLDC requested that the aforesaid matter may kindly be considered special case and further requested to not impose any Surcharge on payment of Deviation Settlement Charges for the week 12 of F.Y. 2023-24.

Members may discuss.

ITEM-8 Non allowance of revision of schedule by seller/generating stations (Agenda by SJVN)

- 8.1 CERC vide its notification no. No. L-1/265/2022/CERC dated 29.05.23 has notified the Indian Electricity Grid Code (IEGC) Regulations, 2023. As per CERC Notification dated 03.08.2023 these regulations shall come into force w.e.f. 01.10.2023. The few provisos of new CERC IEGC Regulations, 2023 is impacting SJVN's hydro power generating stations in terms of hydrological risk due to non-allowance of revision of schedule".
- 8.2 The relevant provisions of Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023 is reproduced here as under:

Quote:

Regulation 49(1)(a):

- (ii) The generating station based on hydro energy shall submit the following information for 0000 hours to 2400 hours of the 'D' day, by 6 AM on 'D-1' day:
- Time block-wise ex-bus declared capacity;
 - MWh capability for the day;
 - Ex-bus peaking capability in MW and MWh;
 - Time block-wise Ramp up rate (MW/min) for on-bar capacity;
 - Time block-wise Ramp down rate (MW/min) for on-bar capacity;
 - Unit-wise forbidden zones in MW and percentage (%) of ex-bus installed capacity;
 - Minimum MW and duration corresponding to requirement of water release for irrigation, drinking water and other considerations.
 - Unit wise maximum MW along with probable combination of unit maximum in case adequate water is not available.

Regulation 49(3):

- (b) In the event of bottleneck in evacuation of power due to outage, failure or limitation in the transmission system or any other constraint necessitating reduction in generation, the RLDC shall revise the schedules:
Provided that generation and drawl schedules revised by the Regional Load Despatch Centre shall become effective from 7th block or 8th block depending on time block in which schedule has been revised as first time block.

Regulation 49:

4(b) The request for revision of scheduled transaction for 'D' day, shall be allowed subject to the following:

- (i) Request of buyers for upward revision of schedule from the generating station whose tariff is determined under Section 62 of the Act shall be allowed starting 2 PM on 'D-1' day, only in respect of the remaining available quantum of un-requisitioned surplus in such generating stations, after finalization of schedules under day ahead market.
- (ii) Request of buyers for downward revision of schedule from the generating stations, whose tariff is determined under Section 62 of the Act shall be allowed in any time block subject to the provision relating to SCUC under Regulation 46 of these regulations.

(iii) Request of buyers for upward or downward revision of schedule in respect of the generating stations other than those whose tariff is determined under Section 62 of the Act, shall be allowed in terms of provisions of the respective contracts between the generating stations and beneficiaries or buyers.

4(c) Based on the request for revision in schedule made as per sub-clauses (a) and (b) of this clause, any revision in schedule made in odd time blocks shall become effective from 7th time block and any revision in schedule made in even time blocks shall become effective from 8th time block, counting the time block in which the request for revision has been received by the RLDCs to be the first one.

(9) In case of requirement of revision of Declared Capacity due to forecasting error, a RoR generating station may request for revision of its Declared Capacity and schedule only in case of bilateral transactions and not in case of collective transaction. Such revision shall become effective from the time block and in the manner as specified in subclause (c) of clause (4) of this Regulation

Unquote:

The aforesaid provisos of IEGC Regulation are allowing buyer for upward/ downward revision of schedule. The generation of Hydro power plant is dependent upon inflow in the river. In case, there is increase in inflow in the river, then DAM level goes up and beyond FRL, water is being spilled out through spill tunnel. In a similar way, when inflow in the river is in decreasing trend, then it became difficult to adhere on schedule, as DAM level may not go beyond MDDL. The hydrology of hydro power sector is unpredictable. For upward/downward revision of schedule needs to be the prerogative of seller/Generating stations. By allowing revision of schedule, generating stations adhere on schedule as well as giving peaking support in consideration of FRL and MDDL of its DAM.

Moreover, during change of season intermittently for few days, inflow is suddenly on decreasing trend during the winter time. In a similar way, during starting of high inflow period, inflow is in increasing trend. It would become difficult to forecast the inflow on day ahead basis. Presently, no. of revision is being made by SJVNs hydro generating station as well as Other Hydro generating stations in accordance with the prevalent

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provisions of CERC IEGC Regulations. Details of revision is available in public domain at NRLDC website.

The intermittent sudden increase /decrease of inflow is beyond the control of generator and cannot be predicted in advance. It is therefore submitted that intermittent change in inflow needs to be considered in the IEGC Regulation by allowing revision in schedule in line with Regulation 49 (4) (C) of CERC IEGC Regulations to safeguard the interest of generator

Members may discuss.

Annexure- D

(Annexure - D)

Paid via Cheque No. 052.111.
Date... 04-07-2023
Amounting to Rs. 4,59,33,812



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



No.HPSLDC/F&A/DSM/Vol-XIII/2023-24 30/0

Dated:- 04.07.2023

To

The Branch Manager,
HDFC, Totu, Shimla-11.

Subject:-

Payments of Deviation Settlement Charges for the Week 12.06.2023 to 18.06.2023 through RTGS/NEFT.

Reference:-

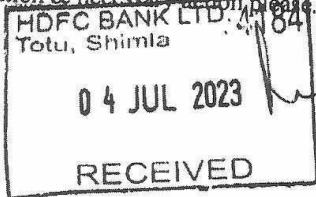
- (i) NRPC letter No. NRPC/Comml/203/DSA/2022//dated: 27-06-2023
- (ii) This office letter No. HPSLDC/DSM/ Regulation-18 (Vol-XX) 2023-24/2838-2877 dated:28-06-2023.

Sir,

On the subject cited above, it is requested that the payments amounting to Rs. 4,59,33,812/- (Rs. Four Crore Fifty Nine Lakhs Thirty Three Thousand Eight Hundred Twelve only) through RTGS against this office A/C No.50200034876071 may please be made to the Entities / Constituents as per the details given below:-

Sr. No	Name	Name of Bank	IFSC Code No.	Account No.	Amount(Rs.)
1	NRLDC (Ministry of Power)	SBI, South Extn, Part-1, New Delhi	SBIN0013913	33706352298	4,47,01,102
2	M/s I.A. Energy Private Limited	Bank of Maharashtra	MAHB0000439	60385363774	3,20,127
3	M/s Malana Power Company Ltd.	ICICI Bank, Noida-201301 U.P.	ICIC0000031	003105000747	2,79,026
4	M/s Suryakanta Hydro Energies Pvt.Ltd	CanaraBank,MCB Bhimavaram, Godavari	CNRB0005213	5213201000023	83,653
5	M/s Everest Power Pvt.Ltd	ICICI Bank	ICIC0000076	007605007831	3,18,077
6	M/s Taranda Hydro Power Pvt.Ltd	UCO Bank, Suryanagar,Hyd.	UCBA0001746	17460200003086	51,325
7	M/s Cosmos Hydro Power Pvt. Ltd.	Indusind Bank,New Delhi-110001	INDB0000005	250006022017	1,03,148
8	M/s Growel Energy Ltd.	HDFC bank, Mall Road	HDFC0000387	03872320000546	66,078
9	M/s Winsome Textile ltd.	UCO Bank HP	UCBA0000654	06540210001998	1,378
10	M/s Loreal India Pvt. Ltd	HSBC Peddar Road, Mumbai	HSBC0400007	012332979004	9,898
	TOTAL				4,59,33,812

This is for your information & necessary action, please.



Yours Sincerely,

Dy. Chief Engineer,
HPSLDC, Govt. of H.P.,
SLDC Complex, Totu, Shimla-11

SLDC Complex, Totu, Shimla-171011.

Phone: 0177-2838666, Tele Fax: 0177-2837649, GST No. 02AAAAH7757E1ZX

E-mail: sehpslde@gmail.com, cehpslde@gmail.com, mdhpslde@gmail.com, Web: www.hpslde.com

7/5/23, 4:10 PM

Gmail - Fw: RTGS not process due to technical error in bank system_50200034876071_HP



Se Sldc <sehpsldc@gmail.com>

**Fw: RTGS not process due to technical error in bank system_50200034876071_HP
STATE DEVIATION POOL ACCOUNT**

Monica Rawat <Monica.Rawat@hdfcbank.com>
To: "SEHPSLDC@GMAIL.COM" <SEHPSLDC@gmail.com>
Cc: Sunil Negi <Sunil.Negi@hdfcbank.com>

5 July 2023 at 15:54

Classification - Internal

Classification - Internal

Dear Sir,

This is to inform you that due to some technical error in our bank system , we were unable to process RTGS from your account(50200034876071) as on 04/07/2023.

We regret for the inconvenience caused .

Best Regards,

Sunil Negi
Branch Manager
Mobile Number: 9817944447
email id: sunil.negi@hdfcbank.com
HDFC Bank
Totu (4184)

Supervisor: Mr. Dhruv Bragta, Cluster Head, email id – dhruv.bragta@hdfcbank.com