



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

Dated: 06.03.2025

सेवा में / To,

Members and Special Invitees of Commercial Sub-Committee

Subject: 51st meeting of Commercial Sub-committee of NRPC- Additional Agenda.

Reference is invited to NRPC letter of even no. dated 28.02.2025 whereby meeting notice and agenda of 51st Commercial Sub-committee of NRPC were issued.

In this regard, it is to state that additional agenda items to be deliberated in 51st meeting of Commercial Sub-Committee of NRPC, scheduled to held on **07th March 2025, at 11:00 AM at NRPC Conference Hall, Katwaria Sarai, New Delhi**, are enclosed herewith. at **Annexure**.

Kindly make it convenient to attend the meeting.

Enc.: As above.

भवदीय

(अंजुम परवेज)
अधीक्षण अभियंता (वाणिज्य)

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AA1 Declaration of High Flow Season for FY 2025-26 (Agenda by NRPC Sectt.)

1. Regulation 45.8(a) of CERC (IEGC) Regulations, 2023 which came into effect on 01.10.2023 provides that 'Hydro generating stations may declare ex-bus Declared Capacity more than 100% MCR less auxiliary power consumption limited to overload capability during high inflow periods. Further that a high inflow period for this purpose shall be notified by the respective RPC.'
2. Further, Regulation 12.1(a) of CERC (Sharing of ISTS charges and losses) Regulations provides that 'For the purpose of calculation of Transmission Deviation for a hydro generating station by RPC, overload capacity of 10% during peak season shall be taken into account.'
3. In the view of above, Regional Hydro generators of NR were requested to furnish 10-daily water inflow series for last 5 years (since January 2019) to NRPC Sectt.
4. Based on the data received, High flow season for Regional Hydro generators of NR for FY 2025-26 in compliance of Regulation 45.8(a) of IEGC, 2023 is proposed as follows:

S. No.	Hydro Generating Station	High inflow season for FY 2025-26
1	Bairasiul	May to August
2	Chamera-I	May to August
3	Chamera-II	May to August
4	Chamera-III	May to August
5	Dhauliganga	June to September
6	Dulhasti	16th May to 15th September
7	KWHEP	June to September
8	Kishanganga	16th April to 15th August
9	Koldam	June to September
10	Koteshwar	September to December
11	Nathpa Jhakri	June to September
12	Parbati-III	June to September
13	Greenko Budhil	June to September
14	Rampur	June to September
15	Salal	16th May to 15th September
16	Sewa-II	April to July
17	Tanakpur	16th June to 15th October

18	Tehri	September to December
19	Uri-I	16th March to 15th August
20	Uri-II	16th March to 15th August

Members may kindly discuss.

AA2 Consideration of Generating Station consuming Biomass higher in Merit Order while despatching Ancillary Services and SCED (Agenda by APCPL-IGSTPS JHAJJAR)

1. As per the Ministry of Power order dated 08-10-2021 (**Annexure-I**) regarding Revised Policy for Biomass Utilisation for Power Generation through Co-firing in Coal based Power Plants,

Quote

(iii) all coal based thermal power plants of power generation utilities with bowl mill, shall on annual basis mandatorily use 5 percent blend of biomass pellets made, primarily, of agro residue along with coal with effect from one year of the date of issue of this guidelines. The obligation shall increase to 7 percent with effect from two years after the date of issue of this order and thereafter.

(vi) The policy for co-firing of biomass would be in force for 25 years or till the useful life of the thermal power plant whichever is earlier. The minimum percentage of biomass for co-firing will be reviewed from time to time.

(viii) Provisions related to tariff determination and scheduling shall be as given below:

- a. For projects set up under Section 62 of the Electricity Act 2003, the increase in cost due to co-firing of biomass pellets shall be pass through in Energy Charge Rate (ECR).
- b. For projects set up under Section 63 of the Electricity Act 2003, the increase in ECR due to biomass co-firing can be claimed under Change in Law provisions.
- c. Such additional impact on ECR shall not be considered in deciding Merit Order Despatch (MOD) of the power plant.
- d. Obligated Entities such as Discoms can meet their Renewable Purchase Obligations (RPO) by buying such generation of cofiring.

Unquote

2. Despite the above directions from MoP, the due consideration was not given to plants consuming Biomass while despatching Ancillary Services and SCED.

3. In view of the above, issue of consideration of Gencos consuming Biomass higher in Merit Order while despatch of Ancillary Services and SCED needs to be deliberated.

Members may kindly discuss.

AA3 Revision of Gas Plants TRAS/SCUC Weekly account statement for 3rd to 20th June 2024 period of Section-11 days (Agenda by NTPC)

1. The revised SCUC /TRAS account statement for 29th April to 2nd June period was published on 5th July 2024 for consideration of Section-11 days rate of gas plants. But NTPC Gas plants were run under section-11 days up to 20th June 2024, so account statement for total of 13 days plants run under Section-11 for 3rd to 20th June period is pending for revision as per applicable Section-11 TRAS/SCUC Rates.

Members may kindly discuss.

AA4 Delay in Replacement of Faulty ISTS Interface Energy Meters (IEM/SEM) and Its Impact on Data Reporting and Accounting Processes (Agenda by NRLDC)

1. During the 74th NRPC meeting, CTU approved a Standard Operating Procedure (SOP) for the Procurement and Installation of ISTS Interface Energy Meters (IEM/SEM). The SOP was established to ensure a streamlined and efficient process for the replacement of faulty meters.
2. However, it has been observed that, despite adherence to the SOP, there are significant delays in the replacement of faulty meters. In many cases, the replacement process is taking more than a month, which is causing operational inefficiencies and adversely impacting the overall system.
3. These delays are leading to serious repercussions, including:
 - i. **Exacerbation of Data Reporting Issues:** Faulty meters result in inaccurate or incomplete data collection, which affects the reliability of energy reporting and monitoring.
 - ii. **Disruption of Accounting Processes:** Delays in meter replacements hinder the accurate settlement of energy transactions, creating challenges in financial reconciliation and accounting.
4. To highlight the severity of the issue, a list of specific cases has been attached as **Annexure-II**, detailing instances where faulty meters were reported but have not yet been replaced. These cases underscore the need for urgent attention to address the delays and ensure timely replacements.
5. This matter requires immediate resolution to maintain the integrity of data reporting, ensure accurate accounting, and uphold the efficiency of the overall system. CTU/ POWERGRID is requested for timely replacement of faulty meters.

Members kindly discuss.

AA5 Request for intervention in green energy settlement in the bilateral inter-state open access energy scheduled to the state of Haryana from 11th July 2024 to 13th September 2024 from Transition Cleantech Services Private Limited to Candor Gurgaon One Reality Project and Gurgaon infospace LT (Consumers).

1. Transition Cleantech Services Private Limited, herein referred as “Seller”, having its registered office at Unit 702, 7th Floor, Tower 3, Equinox Business Park, Off Bandra Kurla Complex, LBS Marg, Kurla West, Mumbai-400070 having solar power plant situated at Bikaner District, Rajasthan, generating and supplying green energy through ISTS since July-2024 to DHBVN for 2 of their embedded Consumers Candon Gurgaon One Reality Project (Brookfield) and Gurgaon infospace LT (Brookfield)
2. Seller wants to inform that they started scheduling power to the embedded Consumers through green energy open access since 11th July 2024. Both the consumers have followed relevant CERC regulations for obtaining T-GNA and obtained all required approvals for Green Energy Open Access from the nodal agency Grid-India. They have also taken relevant NOCs from NRLDC before scheduling above power to embedded consumers in DHBVN via Haryana-SLDC/HVPL. As per the procedures, seller have been uploading all the schedule onto NOAR website on a daily basis and using the WBES portal.
3. The energy supplied has been captured in the NRPC monthly REAs, the same has further been accounted for by the Haryana SLDC. However, the energy units for the period 11th July 2024 to 13th September 2024 have not been settled in the energy bills of the Consumers.
4. Upon discussion with DHBVN, seller was informed that as per the state approved procedure, the consumer has to upload the demand details on D-1 basis for next date delivery in a specific portal of DHBVN. If portal does not works then seller has to send the email on daily basis. Since the Consumers did not follow this, DHBVN has not settled the power scheduled to them for the period of 11th July 2024 to 13th September 2024.
5. During seller’s discussion with HVPL and SLDC-Panipat, it is understood that the implemented schedules are available with them. Energy accounting data was already shared with DHBVN by HVPL.
6. The energy accounting systems are fairly advanced & streamlined now and the information flow from RLDCs to SLDC and then onward to the DISCOM is happening on real time basis. Disallowing entire scheduled energy to Consumer for not punching the same data in two portals may be unfair. The above has created huge strains to seller’s financial health and they stand to incur substantial losses. Hence seller kindly request NRPC to bring this to attention in the next Commercial meeting of RE. Seller needs to understand the gaps in scheduled energy under ISTS not reaching the Consumer. In case any Regulations were violated, there can be incidence of penalties, however, disallowing entire scheduled energy may not be justified.
7. Seller hereby requests NRPC’s kind intervention for settlement of the energy scheduled to the embedded Consumers of DHBVN during the period of 11th July 2024 to 13th September 2024 as per the details below:

Scheduled Energy to DHBVN/HVPL from Transition Cleantech			
Sr. No.	Month	Candor One	Gurgaon Infospace
		MW	MW
1	Jul-24	765.975	914.375
2	Aug-24	1201.275	1605.000
3	Sep-24	709.900	866.925
Grand Total (in MW)		2677.150	3386.300

Members may kindly discuss



No. 11/86/2017-Th.II
Government of India
Ministry of Power

.....
Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated the 8th October, 2021

To,

1. Principal Secretary/Secretary in charge of Energy/Power
Departments, All States/UTs
2. Chairman, CEA
3. CMDs of all CGSs

Subject: Revised Policy for Biomass Utilisation for Power Generation through Co-firing in Coal based Power Plants

Sir/Madam,

The undersigned is directed to refer to this Ministry's "Policy for Biomass Utilisation for Power Generation through Co-firing in Pulverised Coal Fired Boilers" issued in November, 2017

2. In order to further promote use of biomass pellets in coal based thermal power plants, the above Policy is further modified. A copy of "Revised Policy for Biomass Utilisation for Power Generation through Co-firing in Coal based Power Plants" is enclosed for information and necessary action please.

Yours faithfully

Encls: As Above

Kumar Saurabh
Deputy Director(Thermal)
Ministry of Power

Copy to:

- (i) PS to Hon'ble Minister,
- (ii) PS to Hon'ble MoS for Power,
- (iii) Sr. PPS to Secretary(Power),
- (iv) PPS to AS(SKGR), PPS to AS&FA, PPS to AS(VKD)
- (v) All Joint Secretaries/EA/Chief Engineer, Ministry of Power
- (vi) Incharge, NIC, Ministry of Power - with a request to upload this document on the website of MoP.

REVISED POLICY OF MINISTRY OF POWER FOR BIOMASS UTILIZATION FOR POWER GENERATION THROUGH CO-FIRING IN COAL BASED POWER PLANTS

1. The current availability of biomass in India is estimated at about 750 million metric tonnes per year. The estimated surplus biomass availability is at about 230 million metric tonnes per annum covering agricultural residues.

2. Ministry of Power (MoP) vide its policy dated 17-11-2017 on biomass utilization for power generation had advised that all fluidized bed and pulverized coal units (coal based thermal power plants) except those having ball and tube mill, of power generation utilities, public or private, located in India, to use 5-10% blend of biomass pellets made, primarily, of agro residue along with coal after assessing the technical feasibility, viz. safety aspect etc.

3. In order to further promote use of biomass pellets in coal based thermal power plants, the above Policy is further modified. The modifications in the above Policy are as under:

(i). All coal based thermal power plants of power generation utilities with **bowl mill**, shall on annual basis mandatorily use 5 percent blend of biomass pellets made, primarily, of agro residue along with coal with effect from one year of the date of issue of this guideline. The obligation shall increase to 7 percent with effect from two years after the date of issue of this order and thereafter.

(ii). All coal based thermal power plants of power generation utilities with **ball & race mill**, shall on annual basis mandatorily use 5 % blend of biomass pellets (torrefied only) made, primarily, of agro residue along with coal. This is to be complied within one year starting from this order. Two years from the date of issue of this order and thereafter the obligation will increase to 7 percent.

(iii). All coal based thermal power plants of power generation utilities with **ball & tube mills**, shall on annual basis mandatorily use 5 % blend of torrefied biomass pellets with volatile content below 22%, primarily made of agro residue along with coal. This is to be complied within one year.

(iv). Generating Utilities having certain units under Reserve Shutdown or not being despatched due to MOD (Merit Order Despatch) consideration would ensure to increase the percentage of co-firing up to 10 % in their other operating units/ plants (5 % in plants having ball and tube mills).

(v). Any power plants seeking exemptions / relaxation from co-firing may be considered on case to case basis, based on recommendations of CEA. A Committee headed by Chief Engineer (TE&TD), CEA, including representatives from NTPC, BHEL, CPRI, Ministry of Agriculture and Mission



Directorate shall examine the request of power plants for their exemption/relaxation from mandatory co-firing of biomass, as mentioned at para (i) to (iv) above.

(vi). The policy for co-firing of biomass would be in force for 25 years or till the useful life of the thermal power plant whichever is earlier. The minimum percentage of biomass for co-firing will be reviewed from time to time.

(vii) The minimum contract period for procurement of biomass pellets by generating utilities shall be for 7 years so as to avoid delay in awarding contracts by generating companies every year and also to build up long term supply chain. There may be provision of firm price of biomass pellets for the first year of the contract and yearly rate variation from second year onwards where rates can vary as per terms and conditions of the contract. In order to enable its implementation, a model RfP and contract shall be issued by MOP by 15.11.2021 for adhering to by all generating utilities. However, the ongoing process of contracting for biomass co-firing by generating utilities shall not be affected till issue of Model Contract.

(viii). Provisions related to tariff determination and scheduling shall be as given below:

- a. For projects set up under Section 62 of the Electricity Act 2003, the increase in cost due to co-firing of biomass pellets shall be pass through in Energy Charge Rate (ECR).
- b. For projects set up under Section 63 of the Electricity Act 2003, the increase in ECR due to biomass co-firing can be claimed under Change in Law provisions.
- c. Such additional impact on ECR shall not be considered in deciding Merit Order Despatch (MOD) of the power plant.
- d. Obligated Entities such as Discoms can meet their Renewable Purchase Obligations (RPO) by buying such generation of co-firing.



Annexure A.I

Meter No.	Feeder Name	Date of reporting to CTU
NP-1301-A	220kV Badod at Morak-RVPNL	11-02-2025
NR 4371-A	400 KV Side of ST-4 at Tanda Stage-2	29-01-2025
NR-3794-A	400 kV Sultanpur at Tanda Stage-2	02-12-2024
NR-4372-A	400 kV Basti-2 at Tanda Stage-2	02-12-2024
NP-1651-A	220/132kV ICT-1 (220kV) at Jalandhar-BBMB	23-01-2025
NP-1255-A	220kV Kanpur-1 at Unchahar TPS	23-01-2025
NP-1043-B	Genr-4(11kV) at Khodri HPS-UPCL	08-01-2025
NP-1845-A	220kV Hamirpur(PG)-1 at 220kV Hamirpur-HPSEB	22-01-2025
NP-1846-A	220kV Hamirpur(PG)-2 at 220kV Hamirpur-HPSEB	22-01-2025
RE-0236-A	400 kV TR-1 at Avaada Sustainable Project Pvt Ltd	07-10-2024
NP-5175-A	220kV Noida Sec-38 at BTPS	25-11-2024
NP-8227-A	GT-6-Stage-2 (400kV) at Dadri-NTPC	21-01-2025
NR-3268-A	400 kV Jhakri-II at Gumma-HPPTCL	03-02-2025
NP-8837-A	400 kV Banala at Koldam HPP	03-02-2025
NP-8808-A	GT-2 (400 kV) at Koldam HPP	03-02-2025