



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

दिनांक: 28.02.2025

सेवा में,

1. General Manager (Commercial.), NTPC Ltd, EOC-Noida
2. General Manager (O&M), IGSTPS, Jhajjar (Haryana)
3. General Manager (MO), NLDC, New Delhi

विषय: नवंबर से दिसम्बर 2024 की बिलिंग अवधि के लिए आंशिक भार परिचालन के कारण हीट रेट एवं सहायक खपत में गिरवाट के लिये प्रतिपूर्ति।

Subject: Compensation for Degradation of Heat Rate and Auxiliary Consumption due to Part Load Operation for billing period of November to December, 2024.

महोदय/ महोदया,

केंद्रीय विद्युत विनियामक आयोग के भारतीय विद्युत ग्रिड कोड (IEGC), 2010 के विनियम 6.3 के तहत दिनांक 6 अप्रैल 2016 के संशोधन द्वारा लागू एवं केंद्रीय विद्युत विनियामक आयोग द्वारा आदेश संख्या L-1/219/2017-CERC, दिनांक 6 मई 2017 के माध्यम से अनुमोदित विस्तृत प्रक्रिया तथा नवीनतम IEGC 2023 के विनियम 45(12) के तहत जारी प्रावधानों के अनुसार, आंशिक भार परिचालन के कारण क्षेत्रीय इकाई तापीय उत्पादन केंद्रों के नवंबर से दिसम्बर 2024 की बिलिंग अवधि के लिए हीट रेट एवं सहायक खपत में गिरवाट हेतु प्रतिपूर्ति जारी की जाती है (प्रति [NRPC website](http://nrpc.gov.in) पर भी उपलब्ध है)। यह प्रतिपूर्ति ISGS द्वारा प्रस्तुत आवश्यक डेटा (आउटेज विवरण एवं ईंधन संबंधी डेटा) के आधार पर निर्गत की गई है।

इसके अतिरिक्त, 'SCED और SCUC के कारण आंशिक भार परिचालन के लिए प्रतिपूर्ति विवरण' CERC (भारतीय विद्युत ग्रिड कोड) विनियम, 2023, और सुरक्षा बाधित यूनिट कमिटमेंट (SCUC), यूनिट शटडाउन (USD), तथा क्षेत्रीय स्तर पर सुरक्षा बाधित आर्थिक डिस्पैच (SCED) के लिए विस्तृत प्रक्रिया के अनुसार तैयार किया गया है, जो CERC आदेश संख्या L-1/265/2022/CERC दिनांक 16 अप्रैल 2024 द्वारा जारी किया गया है।

सम्बंधित सभी क्षेत्रीय इकाइयों से अनुरोध किया जाता है कि यदि इस संबंध में कोई विसंगति या त्रुटि हो, तो इस पत्र के जारी होने की तिथि से दिनों के भीतर सूचित करें। यदि निर्दिष्ट अवधि के भीतर कोई प्रतिक्रिया प्राप्त नहीं होती है, तो खतों को सही मानते हुए अंतिम रूप से स्वीकार कर लिया जायेगा।

In accordance with the detailed procedure approved by the Central Electricity Regulatory Commission (CERC) vide order no. L-1/219/2017-CERC dated 5th May 2017, under the provisions of Regulation 6.3 of the Indian Electricity Grid Code (IEGC), 2010, as amended on 6th April 2016, and continued under Regulation 45(12) of IEGC 2023, the **statement of compensation** for degradation of heat rate and increase in auxiliary consumption due to **part-load operation** of regional entity thermal generating stations—whose tariffs are determined under Section 62 or Section 63 of the Electricity Act—is hereby **issued** for the billing period of **November to December, 2024**. This is based on the requisite data (including outage details and fuel-related information) submitted by the ISGS.

Additionally, the '**Statement of Compensation due to Part Load Operation on Account of SCED and SCUC**' has been prepared in line with the CERC (Indian Electricity Grid Code) Regulations, 2023, and the Detailed Procedure for Security Constrained Unit Commitment (SCUC), Unit Shut Down (USD), and Security Constrained Economic Dispatch (SCED) at the regional level, issued vide CERC order no. L-1/265/2022/CERC dated 16th April 2024. A copy of the statements is also available on [NRPC website](#).

All concerned regional entities are requested to communicate any discrepancies or errors, if any, within **15 days** from the date of issuance of this letter. In the absence of any such communication within the stipulated period, the accounts shall be deemed correct and considered final.

अनुलग्नक – यथोपरि ।

भवदीय

Signed by Anzum Parwej

Date: 28-02-2025 13:03:47

(अंजुम परवेज)/(Anzum Parwej)

अधीक्षण अभियंता (वाणिज्य)

Northern Regional Power Committee

Compensation Calculation

Calculation period from 01-04-2024 to 30-11-2024

(All Figs in Rs. Lakh Payable(+)/Receivable(-))

Station	State	Compensation during the month	Compensation for the calculation period
DADRI TPS			
	GUJRAT	1074.07011	2690.28171
	UTTAR PRADESH	169.17535	363.80765
	VIRTUAL ENTITY(SCED)	-3.58123	786.11606
	VIRTUAL ENTITY(SCUC)	-280.85446	1717.99717
TOTAL DADRI TPS		958.80977	5558.20259
DADRI-II TPS			
	DELHI	630.88352	2548.88765
	PUNJAB	8.65325	46.54736
	RAJASTHAN	46.60203	120.24272
	UTTARAKHAND	17.53741	54.26698
	UTTAR PRADESH	273.19884	616.20722
	VIRTUAL ENTITY(SCED)	243.35354	1166.82487
	VIRTUAL ENTITY(SCUC)	203.47995	1651.45686
TOTAL DADRI-II TPS		1423.70854	6204.43366
IGSTPS-JHAJJAR			
	DELHI	1076.58351	5482.81241
	GUJRAT	-0.00309	0.03484
	HARYANA	184.06360	2096.02134
	MADHYA PRADESH	-4.44597	26.46180
	PUNJAB	-10.76922	121.38018
	RAJASTHAN	17.16357	17.16357
	UTTARAKHAND	59.70878	252.51419
	VIRTUAL ENTITY(SCED)	-105.08896	462.31626
	VIRTUAL ENTITY(SCUC)	-180.82430	2573.86921
TOTAL IGSTPS-JHAJJAR		1036.38792	11032.57380
TANDA-II STPS			
	DELHI	-0.67965	3.07920
	UTTARAKHAND	59.98648	401.27973
	UTTAR PRADESH	521.19557	734.58082
	VIRTUAL ENTITY(SCUC)	-322.32014	1948.60817
TOTAL TANDA-II STPS		258.18226	3087.54792

Northern Regional Power Committee

Compensation Calculation

Calculation period from 01-04-2024 to 30-11-2024

(All Figs in Rs. Lakh Payable(+)/Receivable(-))

Station	State	Compensation during the month	Compensation for the calculation period
UNCHAHAAR-I TPS			
	DELHI	6.67264	45.58764
	GUJRAT	8.45486	41.15991
	HARYANA	13.51807	27.97830
	PUNJAB	0.19420	8.52906
	UTTARAKHAND	101.12205	886.18832
	UTTAR PRADESH	190.35328	1305.05477
	VIRTUAL ENTITY(SCUC)	-34.54359	527.13613
TOTAL UNCHAHAAR-I TPS		285.77151	2841.63413
UNCHAHAAR-II TPS			
	DELHI	3.18609	49.60094
	HARYANA	12.63898	29.73595
	PUNJAB	38.83496	229.34964
	RAJASTHAN	25.73311	130.96146
	UTTARAKHAND	18.16071	220.23829
	UTTAR PRADESH	48.88737	538.29466
	VIRTUAL ENTITY(SCUC)	-21.95484	342.17516
TOTAL UNCHAHAAR-II TPS		125.48638	1540.35610
UNCHAHAAR-III TPS			
	DELHI	2.23780	35.59148
	HARYANA	8.62793	14.51824
	PUNJAB	11.11646	70.97478
	RAJASTHAN	15.66911	69.56274
	UTTARAKHAND	21.72795	167.08036
	UTTAR PRADESH	39.40770	191.11798
	VIRTUAL ENTITY(SCUC)	-13.02242	141.38089
TOTAL UNCHAHAAR-III TPS		85.76453	690.22647
UNCHAHAAR-IV TPS			
	DELHI	-1.18353	9.63635
	HARYANA	30.29096	75.58192
	PUNJAB	1.69905	11.36354
	RAJASTHAN	38.70464	102.51847
	UTTARAKHAND	53.46492	437.35125
	UTTAR PRADESH	115.51360	894.77658
	VIRTUAL ENTITY(SCUC)	-13.46876	408.11768
TOTAL UNCHAHAAR-IV TPS		225.02088	1939.34579

Northern Regional Power Committee
Compensation Calculation
Calculation period from 01-04-2024 to 30-11-2024
ECR & Cumulative Energy Report

Station	Cumulative Energy(MWh)	ECR(SE) (Rs/kWh)	ECR(DC) (Rs/kWh)	ECR(A) (Rs/kWh)	ECR(N) (Rs/kWh)	Final Compensation (Rs Lakh)
DADRI TPS	2427162.705100	4.749	4.433	4.662	4.433	5558.20259
DADRI-II TPS	3102216.828700	4.635	4.328	4.528	4.328	6204.43366
IGSTPS-JHAJJAR	5628864.186100	4.385	4.189	4.527	4.189	11032.57380
TANDA-II STPS	5937592.146800	3.278	3.226	3.354	3.226	3087.54792
UNCHAHAHAR-I TPS	1569963.607800	4.015	3.834	4.292	3.834	2841.63413
UNCHAHAHAR-II TPS	1571791.948900	3.799	3.701	4.064	3.701	1540.35611
UNCHAHAHAR-III TPS	697198.452300	3.884	3.785	4.108	3.785	690.22647
UNCHAHAHAR-IV TPS	2041416.620400	3.702	3.607	3.863	3.607	1939.34579

ECR (SE): Energy Charge Rate in rupees/kWh based on degraded SHR and AEC as per regulation considering average unit loading of generating station during the calculation period
ECR (DC): Energy Charge Rate in rupees/kWh based on degraded SHR and AEC as per regulation considering average declared capacity as average unit loading during the calculation period
ECR (A): Energy Charge Rate in rupees/kWh based on actual parameters SHR and AEC during the calculation period
ECR (N): Energy Charge Rate in rupees/kWh based on normative parameters of SHR and AEC during the calculation period

Northern Regional Power Committee
Final REA for the Month of November, 2024

**SCED_CC: NRPC "Statement of Compensation due to Part Load
Operation on Account of SCED"**

SCED Generator	Decrement due to SCED (MWhr)	Compensation Amount Payable on account of SCED from National Pool Account (SCED) to SCED Generator for the month (in Lakh Rs.)	Compensation Amount Payable on account of SCED from National Pool Account (SCED) to SCED Generator upto the month (in Lakh Rs.)
DADRI TPS	8995.10500	-3.58123	786.11606
DADRI-II TPS	24683.60000	243.35354	1166.82487
IGSTPS-JHAJJAR	5248.46500	-105.08896	462.31626

Northern Regional Power Committee
Regional Energy Account for the Month of November, 2024

SCUC_CC: Compensation for Degradation of Heat Rate and Auxiliary Energy Consumption
(Statement of Compensation due to Part Load Operation on Account of SCUC)

SCUC Generator	Decrement schedule energy due to SCUC upto the month (MWhr)	Compensation Amount Payable from Deviation and Ancillary Service Pool Account	
		For the month (in Lakh Rs.)	Upto the month (in Lakh Rs.)
DADRI TPS	20414.72250	-280.85446	1717.99717
DADRI-II TPS	50701.15650	203.47995	1651.45686
IGSTPS-JHAJJAR	14589.26250	-180.82430	2573.86921
TANDA-II STPS	24285.65250	-322.32014	1948.60817
UNCHAHAAR-I TPS	8207.48250	-34.54359	527.13613
UNCHAHAAR-II TPS	7048.07250	-21.95484	342.17516
UNCHAHAAR-III TPS	4163.07000	-13.02242	141.38089
UNCHAHAAR-IV TPS	15151.87500	-13.46876	408.11768

Northern Regional Power Committee

Compensation Calculation

Calculation period from 01-04-2024 to 31-12-2024

(All Figs in Rs. Lakh Payable(+)/Receivable(-))

Station	State	Compensation during the month	Compensation for the calculation period
DADRI TPS			
	GUJRAT	642.64442	3332.92613
	UTTAR PRADESH	171.95656	535.76421
	VIRTUAL ENTITY(SCED)	11.78305	797.89911
	VIRTUAL ENTITY(SCUC)	-366.35455	1351.64262
TOTAL DADRI TPS		460.02948	6018.23207
DADRI-II TPS			
	DELHI	427.08973	2975.97738
	PUNJAB	3.33924	49.88660
	RAJASTHAN	43.65910	163.90182
	UTTARAKHAND	17.29213	71.55911
	UTTAR PRADESH	288.36653	904.57375
	VIRTUAL ENTITY(SCED)	166.31904	1333.14391
	VIRTUAL ENTITY(SCUC)	76.12504	1727.58190
TOTAL DADRI-II TPS		1022.19081	7226.62447
IGSTPS-JHAJJAR			
	DELHI	546.32303	6029.13544
	GUJRAT	-0.00223	0.03261
	HARYANA	154.37250	2250.39384
	MADHYA PRADESH	3.05285	29.51465
	PUNJAB	-7.76604	113.61414
	RAJASTHAN	15.14361	32.30718
	UTTARAKHAND	64.67103	317.18522
	VIRTUAL ENTITY(SCED)	185.49216	647.80842
	VIRTUAL ENTITY(SCUC)	284.73471	2858.60392
TOTAL IGSTPS-JHAJJAR		1246.02162	12278.59542
TANDA-II STPS			
	DELHI	-0.27839	2.80081
	UTTARAKHAND	60.15799	461.43772
	UTTAR PRADESH	307.74895	1042.32977
	VIRTUAL ENTITY(SCUC)	-75.38700	1873.22117
TOTAL TANDA-II STPS		292.24155	3379.78947

Northern Regional Power Committee

Compensation Calculation

Calculation period from 01-04-2024 to 31-12-2024

(All Figs in Rs. Lakh Payable(+)/Receivable(-))

Station	State	Compensation during the month	Compensation for the calculation period
UNCHAHAAR-I TPS			
	DELHI	-0.73525	44.85239
	GUJRAT	12.70232	53.86223
	HARYANA	6.43254	34.41084
	PUNJAB	0.38164	8.91070
	UTTARAKHAND	121.14824	1007.33656
	UTTAR PRADESH	176.00967	1481.06444
	VIRTUAL ENTITY(SCUC)	60.80294	587.93907
TOTAL UNCHAHAAR-I TPS		376.74210	3218.37623
UNCHAHAAR-II TPS			
	DELHI	0.68930	50.29024
	HARYANA	8.80001	38.53596
	PUNJAB	31.34404	260.69368
	RAJASTHAN	22.62017	153.58163
	UTTARAKHAND	23.80934	244.04763
	UTTAR PRADESH	46.69757	584.99223
	VIRTUAL ENTITY(SCUC)	26.68998	368.86514
TOTAL UNCHAHAAR-II TPS		160.65041	1701.00651
UNCHAHAAR-III TPS			
	DELHI	-1.92140	33.67008
	HARYANA	5.89118	20.40942
	PUNJAB	10.61662	81.59140
	RAJASTHAN	14.66790	84.23064
	UTTARAKHAND	27.75472	194.83508
	UTTAR PRADESH	34.17019	225.28817
	VIRTUAL ENTITY(SCUC)	20.20081	161.58170
TOTAL UNCHAHAAR-III TPS		111.38002	801.60649
UNCHAHAAR-IV TPS			
	DELHI	-0.26843	9.36792
	HARYANA	15.85051	91.43243
	PUNJAB	1.09300	12.45654
	RAJASTHAN	19.06624	121.58471
	UTTARAKHAND	69.94041	507.29166
	UTTAR PRADESH	123.37771	1018.15429
	VIRTUAL ENTITY(SCUC)	49.23992	457.35760
TOTAL UNCHAHAAR-IV TPS		278.29936	2217.64515

Northern Regional Power Committee
Compensation Calculation
Calculation period from 01-04-2024 to 31-12-2024
ECR & Cumulative Energy Report

Station	Cumulative Energy(MWh)	ECR(SE) (Rs/kWh)	ECR(DC) (Rs/kWh)	ECR(A) (Rs/kWh)	ECR(N) (Rs/kWh)	Final Compensation (Rs Lakh)
DADRI TPS	2698758.777600	4.748	4.432	4.655	4.432	6018.23207
DADRI-II TPS	3525182.673700	4.630	4.324	4.529	4.324	7226.62448
IGSTPS-JHAJJAR	6296715.606100	4.360	4.165	4.487	4.165	12278.59543
TANDA-II STPS	6376961.236800	3.296	3.243	3.384	3.243	3379.78946
UNCHAHAHAR-I TPS	1768338.587800	4.040	3.858	4.323	3.858	3218.37623
UNCHAHAHAR-II TPS	1735720.933900	3.853	3.755	4.118	3.755	1701.00652
UNCHAHAHAR-III TPS	801606.507300	3.910	3.810	4.103	3.810	801.60651
UNCHAHAHAR-IV TPS	2310047.035400	3.736	3.640	3.879	3.640	2217.64515

ECR (SE): Energy Charge Rate in rupees/kWh based on degraded SHR and AEC as per regulation considering average unit loading of generating station during the calculation period
ECR (DC): Energy Charge Rate in rupees/kWh based on degraded SHR and AEC as per regulation considering average declared capacity as average unit loading during the calculation period
ECR (A): Energy Charge Rate in rupees/kWh based on actual parameters SHR and AEC during the calculation period
ECR (N): Energy Charge Rate in rupees/kWh based on normative parameters of SHR and AEC during the calculation period

Northern Regional Power Committee
Final REA for the Month of December, 2024

**SCED_CC: NRPC "Statement of Compensation due to Part Load
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SCED Generator	Decrement due to SCED (MWhr)	Compensation Amount Payable on account of SCED from National Pool Account (SCED) to SCED Generator for the month (in Lakh Rs.)	Compensation Amount Payable on account of SCED from National Pool Account (SCED) to SCED Generator upto the month (in Lakh Rs.)
DADRI TPS	13841.57000	11.78305	797.89911
DADRI-II TPS	30828.26250	166.31904	1333.14391
IGSTPS-JHAJJAR	36217.13500	185.49216	647.80842

Northern Regional Power Committee
Regional Energy Account for the Month of December, 2024

SCUC_CC: Compensation for Degradation of Heat Rate and Auxiliary Energy Consumption
(Statement of Compensation due to Part Load Operation on Account of SCUC)

SCUC Generator	Decrement schedule energy due to SCUC upto the month (MWhr)	Compensation Amount Payable from Deviation and Ancillary Service Pool Account	
		For the month (in Lakh Rs.)	Upto the month (in Lakh Rs.)
DADRI TPS	63597.85500	-366.35455	1351.64262
DADRI-II TPS	114361.47750	76.12504	1727.58190
IGSTPS-JHAJJAR	160586.84250	284.73471	2858.60392
TANDA-II STPS	30475.51500	-75.38700	1873.22117
UNCHAHAHAR-I TPS	22967.04750	60.80294	587.93907
UNCHAHAHAR-II TPS	20505.81000	26.68998	368.86514
UNCHAHAHAR-III TPS	13457.17500	20.20081	161.58170
UNCHAHAHAR-IV TPS	28935.90000	49.23992	457.35760