



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

दिनांक: 27.03.2025

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: जनवरी से फ़रवरी 2025 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 January to February, 2025.

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 जनवरी से फ़रवरी 2025 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 **January to February, 2025**. 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: 27-03-2025 17:55:38

(अंजुम परवेज)/(Anzum Parwej)

अधीक्षण अभियंता (वाणिज्य)

Northern Regional Power Committee

Compensation Calculation

Calculation period from 1-4-2024 to 31-1-2025

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

Station	State	Compensation during the month	Compensation for the calculation period
DADRI TPS			
	ASSAM	66.05513	66.05513
	GUJRAT	658.20580	3991.13193
	UTTAR PRADESH	5.07781	540.84202
	VIRTUAL ENTITY(SCED)	41.49869	839.39780
	VIRTUAL ENTITY(SCUC)	-487.85224	863.79038
TOTAL DADRI TPS		282.98519	6301.21726
DADRI-II TPS			
	DELHI	474.98542	3450.96280
	PUNJAB	1.16341	51.05001
	RAJASTHAN	31.40044	195.30226
	UTTARAKHAND	12.96870	84.52781
	UTTAR PRADESH	16.86379	921.43754
	VIRTUAL ENTITY(SCED)	119.17590	1452.31981
	VIRTUAL ENTITY(SCUC)	236.11556	1963.69746
TOTAL DADRI-II TPS		892.67322	8119.29769
IGSTPS-JHAJJAR			
	DELHI	206.06498	6235.20042
	GUJRAT	-0.00155	0.03106
	HARYANA	351.67367	2602.06751
	MADHYA PRADESH	2.55438	32.06903
	PUNJAB	-5.39700	108.21714
	RAJASTHAN	1.79996	34.10714
	UTTARAKHAND	54.91707	372.10229
	VIRTUAL ENTITY(SCED)	340.60262	988.41104
	VIRTUAL ENTITY(SCUC)	499.44554	3358.04946
TOTAL IGSTPS-JHAJJAR		1451.65967	13730.25509
TANDA-II STPS			
	DELHI	-0.24583	2.55498
	UTTARAKHAND	84.17657	545.61429
	UTTAR PRADESH	297.09153	1339.42130
	VIRTUAL ENTITY(SCUC)	-79.36238	1793.85879
TOTAL TANDA-II STPS		301.65989	3681.44936

Northern Regional Power Committee

Compensation Calculation

Calculation period from 1-4-2024 to 31-1-2025

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

Station	State	Compensation during the month	Compensation for the calculation period
UNCHAHAAR-I TPS			
	DELHI	4.69330	49.54569
	GUJRAT	2.63461	56.49684
	HARYANA	4.19495	38.60579
	PUNJAB	0.33650	9.24720
	UTTARAKHAND	96.52671	1103.86327
	UTTAR PRADESH	103.78671	1584.85115
	VIRTUAL ENTITY(SCUC)	47.73006	635.66913
TOTAL UNCHAHAAR-I TPS		259.90284	3478.27907
UNCHAHAAR-II TPS			
	DELHI	14.04991	64.34015
	HARYANA	9.99568	48.53164
	PUNJAB	25.83930	286.53298
	RAJASTHAN	34.73113	188.31276
	UTTARAKHAND	34.70837	278.75600
	UTTAR PRADESH	52.73247	637.72470
	VIRTUAL ENTITY(SCUC)	46.54573	415.41087
TOTAL UNCHAHAAR-II TPS		218.60259	1919.60910
UNCHAHAAR-III TPS			
	DELHI	7.04746	40.71754
	HARYANA	4.77937	25.18879
	PUNJAB	5.02806	86.61946
	RAJASTHAN	17.76403	101.99467
	UTTARAKHAND	26.12464	220.95972
	UTTAR PRADESH	25.26606	250.55423
	VIRTUAL ENTITY(SCUC)	18.98611	180.56781
TOTAL UNCHAHAAR-III TPS		104.99573	906.60222
UNCHAHAAR-IV TPS			
	DELHI	-0.13812	9.22980
	HARYANA	14.65875	106.09118
	MADHYA PRADESH	0.24558	0.24558
	PUNJAB	0.49733	12.95387
	RAJASTHAN	18.87854	140.46325
	UTTARAKHAND	59.86521	567.15687
	UTTAR PRADESH	84.27674	1102.43103
	VIRTUAL ENTITY(SCUC)	42.75822	500.11582
TOTAL UNCHAHAAR-IV TPS		221.04225	2438.68740

Northern Regional Power Committee

Compensation Calculation

Calculation period from 1-4-2024 to 31-1-2025

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	3029431.372600	4.767	4.450	4.658	4.450	6301.21726
DADRI-II TPS	3999654.036200	4.543	4.340	4.543	4.340	8119.29769
IGSTPS-JHAJJAR	7041156.463600	4.349	4.154	4.451	4.154	13730.25510
TANDA-II STPS	7079710.306800	3.292	3.240	3.386	3.240	3681.44936
UNCHAHAHAR-I TPS	1921701.152800	4.024	3.843	4.313	3.843	3478.27909
UNCHAHAHAR-II TPS	1958784.796400	3.846	3.748	4.098	3.748	1919.60910
UNCHAHAHAR-III TPS	915759.817300	3.890	3.791	4.056	3.791	906.60222
UNCHAHAHAR-IV TPS	2594348.292900	3.719	3.625	3.846	3.625	2438.68740

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

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	22093.10500	41.49869	839.39780
DADRI-II TPS	34983.37000	119.17590	1452.31981
IGSTPS-JHAJJAR	55441.01500	340.60262	988.41104

Northern Regional Power Committee
Regional Energy Account for the Month of 1, 2025

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	26197.04750	-487.85224	863.79038
DADRI-II TPS	107034.07000	236.11556	1963.69746
IGSTPS-JHAJAR	153628.81000	499.44554	3358.04946
TANDA-II STPS	18350.17750	-79.36238	1793.85879
UNCHA HAR-I TPS	7628.86750	47.73006	635.66913
UNCHA HAR-II TPS	15354.28750	46.54573	415.41087
UNCHA HAR-III TPS	6797.08000	18.98611	180.56781
UNCHA HAR-IV TPS	15444.82250	42.75822	500.11582

Northern Regional Power Committee

Compensation Calculation

Calculation period from 1-4-2024 to 28-2-2025

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

Station	State	Compensation during the month	Compensation for the calculation period
DADRI TPS			
	ASSAM	19.69470	85.74983
	GUJRAT	614.46738	4605.59931
	UTTAR PRADESH	21.76284	562.60486
	VIRTUAL ENTITY(SCED)	78.83964	918.23744
	VIRTUAL ENTITY(SCUC)	-266.59483	597.19555
TOTAL DADRI TPS		468.16973	6769.38699
DADRI-II TPS			
	DELHI	520.04826	3971.01106
	PUNJAB	1.21044	52.26045
	RAJASTHAN	7.52299	202.82525
	UTTARAKHAND	13.63369	98.16150
	UTTAR PRADESH	61.81102	983.24856
	VIRTUAL ENTITY(SCED)	187.24397	1639.56378
	VIRTUAL ENTITY(SCUC)	54.67346	2018.37092
TOTAL DADRI-II TPS		846.14383	8965.44152
IGSTPS-JHAJJAR			
	DELHI	338.39246	6573.59288
	GUJRAT	0.00005	0.03111
	HARYANA	307.91891	2909.98642
	MADHYA PRADESH	0.51033	32.57936
	PUNJAB	0.18419	108.40133
	RAJASTHAN	0.20389	34.31103
	UTTARAKHAND	45.41823	417.52052
	VIRTUAL ENTITY(SCED)	131.45285	1119.86389
	VIRTUAL ENTITY(SCUC)	92.32784	3450.37730
TOTAL IGSTPS-JHAJJAR		916.40875	14646.66384
TANDA-II STPS			
	DELHI	-0.19747	2.35751
	UTTARAKHAND	56.00343	601.61772
	UTTAR PRADESH	462.79256	1802.21386
	VIRTUAL ENTITY(SCUC)	-154.39441	1639.46438
TOTAL TANDA-II STPS		364.20411	4045.65347

Northern Regional Power Committee

Compensation Calculation

Calculation period from 1-4-2024 to 28-2-2025

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

Station	State	Compensation during the month	Compensation for the calculation period
UNCHAHAAR-I TPS			
	DELHI	7.50423	57.04992
	GUJRAT	-12.34473	44.15211
	HARYANA	1.02470	39.63049
	PUNJAB	0.04700	9.29420
	UTTARAKHAND	86.02771	1189.89098
	UTTAR PRADESH	149.15037	1734.00152
	VIRTUAL ENTITY(SCUC)	7.99831	643.66744
TOTAL UNCHAHAAR-I TPS		239.40759	3717.68666
UNCHAHAAR-II TPS			
	DELHI	16.22207	80.56222
	HARYANA	8.12963	56.66127
	PUNJAB	20.21379	306.74677
	RAJASTHAN	8.85975	197.17251
	UTTARAKHAND	37.51858	316.27458
	UTTAR PRADESH	94.01188	731.73658
	VIRTUAL ENTITY(SCUC)	22.58399	437.99486
TOTAL UNCHAHAAR-II TPS		207.53969	2127.14879
UNCHAHAAR-III TPS			
	DELHI	7.66382	48.38136
	HARYANA	3.55665	28.74544
	PUNJAB	1.01661	87.63607
	RAJASTHAN	4.54021	106.53488
	UTTARAKHAND	25.76057	246.72029
	UTTAR PRADESH	43.02335	293.57758
	VIRTUAL ENTITY(SCUC)	5.54063	186.10844
TOTAL UNCHAHAAR-III TPS		91.10184	997.70406
UNCHAHAAR-IV TPS			
	DELHI	0.19013	9.41993
	HARYANA	11.49219	117.58337
	MADHYA PRADESH	0.12863	0.37421
	PUNJAB	0.29123	13.24510
	RAJASTHAN	-0.31752	140.14573
	UTTARAKHAND	75.03712	642.19399
	UTTAR PRADESH	153.79120	1256.22223
	VIRTUAL ENTITY(SCUC)	19.06406	519.17988
TOTAL UNCHAHAAR-IV TPS		259.67704	2698.36444

Northern Regional Power Committee

Compensation Calculation

Calculation period from 1-4-2024 to 28-2-2025

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	3270235.267600	4.751	4.435	4.642	4.435	6769.38700
DADRI-II TPS	4438337.388700	4.512	4.310	4.512	4.310	8965.44153
IGSTPS-JHAJJAR	7511109.656100	4.344	4.149	4.430	4.149	14646.66383
TANDA-II STPS	7780102.819300	3.258	3.206	3.351	3.206	4045.65347
UNCHAHAAR-I TPS	2053970.532800	4.013	3.832	4.305	3.832	3717.68666
UNCHAHAAR-II TPS	2170559.976400	3.836	3.738	4.068	3.738	2127.14878
UNCHAHAAR-III TPS	1018065.359800	3.867	3.769	4.013	3.769	997.70405
UNCHAHAAR-IV TPS	2870600.470400	3.707	3.613	3.820	3.613	2698.36444

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

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	18893.49750	78.83964	918.23744
DADRI-II TPS	43626.28250	187.24397	1639.56378
IGSTPS-JHAJJAR	34787.77500	131.45285	1119.86389

Northern Regional Power Committee
Regional Energy Account for the Month of 2, 2025

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	7366.77750	-266.59483	597.19555
DADRI-II TPS	19011.90000	54.67346	2018.37092
IGSTPS-JHAJJAR	10794.96500	92.32784	3450.37730
TANDA-II STPS	2479.07250	-154.39441	1639.46438
UNCHAHAR-I TPS	1502.51500	7.99831	643.66744
UNCHAHAR-II TPS	2958.22250	22.58399	437.99486
UNCHAHAR-III TPS	834.57250	5.54063	186.10844
UNCHAHAR-IV TPS	1777.53750	19.06406	519.17988