



SJVN LIMITED

Commercial & System Operation Department

Provisional Billing for Energy Supplied from RAMPUR HPS

Sr. No.	Month: May,2025	FY: 2025-2026		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 02.06.2025	As per Revised REA dtd. 02.06.2025	
		A	B	C = B - A
A1	Annual Fixed Charges "AFC" in Rs. (as approved by CERC)	6,733,320,000.00	6,733,320,000.00	0.00
A2	Annual Design Energy (DE)in MWH	1,878,080.000	1,878,080.000	0.000
A3	Normative Auxiliary Consumption in % (AUX)	1.000	1.000	0.000
A4	Free Energy for Home State, in % (FEHS)	13.000	13.000	0.000
A5	Annual Ex-bus Design Energy [DE X (100-AUX)/100] in MWH	1,859,299.200	1,859,299.200	0.000
A6	Annual Ex-bus Saleable Design Energy = [DE X (100-AUX) X (100-FEHS) / 10000] in MWH	1,617,590.304	1,617,590.304	0.000
A7	Installed Capacity (IC) in MW	412	412	
A8	Number of Days in the month (NDM)}	31	31	00
A9	Number of Days in the year (NDY)	365	365	000
A10	Number of Days in the month (N)	31	31	00
A11	Normative Annual Plant Availability Factor in % (NAPAF)	83.000	83.000	0.000
A12	Energy Charge Rate (ECR) for Energy upto Annual Ex-bus Saleable Design Energy in Rs/kwh.[ECR= AFC x0.5 x10 / { DE in MWH x (100-AUX) x (100 -FEHS) }] / kWh	2.081	2.081	0.000
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.300	1.300	0.000
Capacity Charges (inclusive of incentive)				
C1	Plant Availability Factor achieved during the month} (PAFM) [(PAFM = 10000X # DCi / { N x IC x(100-Aux) }) %	99.750	99.750	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	343,639,359.00	343,639,359.00	0.00
C3	Beta Factor, as per REA, which shall be in the range from 0.3 to 1	0.000	1.000	
C4	Incentive on account of Beta Factor{(3%xBeta Factx0.5xAFC)/12}	0.00	8,416,650.00	8,416,650.00
C5	Total Capacity Charges including Incentives on account of BetaFactor	343,639,359.00	352,056,009.00	8,416,650.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	263,239,215.0	263,239,215.0	0.0
E2	Free Power to the Home State as per REA in kwh.	34,221,175.0	34,221,175.0	0.0
E3	Ex-bus Saleable Scheduled Energy for the month in kwh}. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	229,018,040.0	229,018,040.0	0.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	378,019,752.5	378,019,752.5	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	49,143,045.0	49,143,045.0	0.0
E6	Ex-bus Saleable Scheduled Energy (cumulative) up to this month in kwh. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E4-E5 kWh	328,876,707.5	328,876,707.5	0.0
E7	Energy in excess of Annual Ex-bus Saleable Design Energy for this month in Kwh. [{ Ex-bus Saleable Scheduled Energy cumulative upto the month in Kwh } - { Annual Ex-bus Saleable Design Energy in Kwh }]	0.0	0.0	0.0
E8	Energy upto annual Ex-bus Saleable Design Energy for the month in Kwh. [{ Ex-bus Saleable Scheduled Energy during the month in Kwh } - { Energy in excess of Annual Ex-bus Saleable Design Energy in Kwh }] (E3-E7)	229,018,040.0	229,018,040.0	0.0
Energy Charges				
EE1	Energy Charges for the energy upto the Saleable Design Energy for the month in Rs. = [(ECR in Rs./kwh) X (Ex -bus Saleable Scheduled Energy up to Annual Ex-bus Saleable Design Energy)] (E8*A12)	476,586,541.00	476,586,541.00	0.00



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Sr. No.	Month: May,	FY: 2025-2026		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 02.06.2025	As per Revised REA dtd. 02.06.2025	
		A	B	C = B - A
EE2	Energy Charges for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs. [{ Ex -bus Saleable Scheduled Energy in excess of Annual Ex -bus Saleable Design Energy in kwh } X Energy Charge Rate (Rs./kwh)] (E7*A13)	0.00	0.00	0.00
Total Charges in Rupees (C5 + EE1 + EE2)		820,225,900.00	828,642,550.00	8,416,650.00



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Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of RAMPUR HPS as per Revised REA dated 02.06.2025					
For the month of May-2025 , Financial Year: 2025-2026 , Period: 01.05.2025 to 31.05.2025					
Sr. No.	Name of Beneficiaries	Wtd. Avg. %age Capacity Allocation(Including 13% Free Power)	Wtd. Avg. %age Capacity Allocation of GoHP including 26.1% equity and 13% Free Power after allocating SoR share to HPESB	Wtd. Avg %age Capacity allocation(excluding 13% freepower from the share of Go HP)	Proportionate Weighted Avg. %age Capacity Allocation excluding Free Power
		A	B	C	D = C/0.87
1	CHANDIGARH	1.061878	1.061878	1.061878	1.220549
2	GoHP	41.910000	39.100000	26.100000	30.000000
3	HPSEB	0.000000	2.810000	2.810000	3.229885
4	HARYANA	4.908484	4.908484	4.908484	5.641936
5	J & K	8.636968	8.636968	8.636968	9.927550
6	PUNJAB	5.620000	5.620000	5.620000	6.459770
7	MPPMCL	0.182960	0.182960	0.182960	0.210299
8	RAJASTHAN	10.229925	10.229925	10.229925	11.758534
9	UTTARAKHAND	12.096968	12.096968	12.096968	13.904561
10	UTTAR PRADESH	13.760000	13.760000	13.760000	15.816092
12	NDMC,DELHI	0.682636	0.682636	0.682636	0.784639
14	BSES RAJDHANI POWER	0.910181	0.910181	0.910181	1.046185
	Total	100.000000	100.000000	87.000000	100.000000
•					
Weighted Avg. % age Capacity Allocations to Discoms of RAJASTHAN for FY: 2025-2026, Period: 01.05.2025 to 31.05.2025					
Sr. No.	RAJASTHAN Discoms	%age Share	Weighted Avg. %age Capacity Allocation (inclusive of 13% Free Power)	Weighted Avg. %age Capacity Allocation (exclusive of 13% Free Power)	
1	AJMER VVNL	27.470	2.810160	3.230069	
2	JAIPUR VVNL	38.110	3.898625	4.481177	
3	JODHPUR VVNL	34.420	3.521140	4.047288	
	TOTAL	100.000	10.229925	11.758534	



SJVN LIMITED
Commercial & System Operation Department

Beneficiary wise Breakup of NRLDC Fees & Charges of RAMPUR HPS For the month of May-2025								
		Already Billed As Per Provisional REA dtd. 02.06.2025			As per Revised REA dtd. 02.06.2025 or Change in NRLDC fee & charges			
Sr. No.	Name of Beneficiaries	Wtd. Avg. %age Capacity Allocation as per REA	NRLDC Fees & Charges issued by POSOCO(Rs.)	Amount Payble by Beneficiaries(Rs.)	Wtd. Avg. %age Capacity Allocation as per REA	NRLDC Fees & Charges issued by POSOCO(Rs.)	Amount Payble by Beneficiaries(Rs.)	Total charges for the month Recievable (+)/ Payable (-) from/ to the Beneficiaries in Rs.)
		A	B	C=(A*B)/100	D	E	F=(D*E)/100	G=F-C
01	CHANDIGARH	1.061878	213,278.00	2,265.00	1.061878	213,278.00	2,265.00	0.00
02	GoHP	39.100000		83,392.00	39.100000		83,392.00	0.00
03	HPSEB	2.810000		5,993.00	2.810000		5,993.00	0.00
04	HARYANA	4.908484		10,469.00	4.908484		10,469.00	0.00
05	J & K	8.636968		18,421.00	8.636968		18,421.00	0.00
06	PUNJAB	5.620000		11,986.00	5.620000		11,986.00	0.00
07	MPPMCL	0.182960		390.00	0.182960		390.00	0.00
08	AJMER VVNL	2.810160		5,993.00	2.810160		5,993.00	0.00
09	JAIPUR VVNL	3.898625		8,315.00	3.898625		8,315.00	0.00
10	JODHPUR VVNL	3.521140		7,510.00	3.521140		7,510.00	0.00
11	UTTARAKHAND	12.096968		25,800.00	12.096968		25,800.00	0.00
12	UTTAR PRADESH	13.760000		29,347.00	13.760000		29,347.00	0.00
13	NDMC,DELHI	0.682636		1,456.00	0.682636		1,456.00	0.00
14	BSES RAJDHANI POWER	0.910181		1,941.00	0.910181		1,941.00	0.00
	Total	100.000000	213,278.00	213,278.00	100.000000	213,278.00	213,278.00	0.00



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Commercial & System Operation Department

Beneficiary-wise breakup of Capacity & Energy Charges of RAMPUR HPS for the month of May-2025																				
Already Billed As Per Provisional REA dtd. 02.06.2025										As per Revised REA dtd. 02.06.2025							Difference			
Sr. No.	Name of Beneficiaries	Proportionate weightd Avg. % capacity Allocation (after excluding 13% free power)	Capacity Charges (inclusive of Incentive) for the month (Rs)	Ex-bus Saleable Scheduled Energy for the month (kwh)			Energy Charges for the month (Rs)			Proportionate weightd Avg. % capacity Allocation (after excluding 13% free power)	Capacity Charges (inclusive of Incentive) for the month (Rs)	Ex-bus Saleable Scheduled Energy for the month (kwh)			Energy Charges for the month (Rs)			Differential Amount on account of Capacity charges Receivable (+)/ Payable (-) from/ to the Beneficiaries in Rs.)	Differential Amount on account of Energy Charges Receivable (+)/ Payable (-) from/ to the Beneficiaries in Rs.	Total charges for the month Recievable (+)/ Payable (-) from/ to the Beneficiaries in Rs.
				As per REA	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus saleable Design energy	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus saleable Design energy	Total			As per REA	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus saleable Design energy	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus saleable Design energy	Total			
		A	B	C	D	E	F = D * (2.081)	G = E * (1.300)	H = F + G	I	J	K	L	M	N = L * (2.081)	O = M * (1.300)	P = N + O	Q = J - B	R = P - H	S = Q + R
1	CHANDIGARH	1.220549	4,194,287.00	2794622.5	2794622.5	0.0	5815609.00	0.00	5815609.00	1.220549	4,297,016.00	2794622.5	2794622.5	0.0	5815609.00	0.00	5815609.00	102,729.00	0.00	102,729.00
2	GOHP	30.000000	103,091,808.00	68705435.1	68705435.1	0.0	142976010.00	0.00	142976010.00	30.000000	105,616,803.00	68705435.1	68705435.1	0.0	142976010.00	0.00	142976010.00	2,524,995.00	0.00	2,524,995.00
3	HPSEB	3.229885	11,099,156.00	7396409.9	7396409.9	0.0	15391929.00	0.00	15391929.00	3.229885	11,371,004.00	7396409.9	7396409.9	0.0	15391929.00	0.00	15391929.00	271,848.00	0.00	271,848.00
4	HARYANA	5.641936	19,387,913.00	12919945.0	12919945.0	0.0	26886406.00	0.00	26886406.00	5.641936	19,862,775.00	12919945.0	12919945.0	0.0	26886406.00	0.00	26886406.00	474,862.00	0.00	474,862.00
5	J & K	9.927550	34,114,970.00	22735105.0	22735105.0	0.0	47311754.00	0.00	47311754.00	9.927550	34,950,536.00	22735105.0	22735105.0	0.0	47311754.00	0.00	47311754.00	835,566.00	0.00	835,566.00
6	PUNJAB	6.459770	22,198,312.00	14793610.0	14793610.0	0.0	30785502.00	0.00	30785502.00	6.459770	22,742,008.00	14793610.0	14793610.0	0.0	30785502.00	0.00	30785502.00	543,696.00	0.00	543,696.00
7	MPPMCL	0.210299	722,670.00	482882.5	482882.5	0.0	1004878.00	0.00	1004878.00	0.210299	740,370.00	482882.5	482882.5	0.0	1004878.00	0.00	1004878.00	17,700.00	0.00	17,700.00
8	AJMER VVNL	3.230069	11,099,788.00	7397769.9	7397769.9	0.0	15394759.00	0.00	15394759.00	3.230069	11,371,652.00	7397769.9	7397769.9	0.0	15394759.00	0.00	15394759.00	271,864.00	0.00	271,864.00
9	JAIPUR VVNL	4.481177	15,399,088.00	10263160.2	10263160.2	0.0	21357636.00	0.00	21357636.00	4.481177	15,776,253.00	10263160.2	10263160.2	0.0	21357636.00	0.00	21357636.00	377,165.00	0.00	377,165.00
10	JODHPUR VVNL	4.047288	13,908,075.00	9269429.9	9269429.9	0.0	19289684.00	0.00	19289684.00	4.047288	14,248,721.00	9269429.9	9269429.9	0.0	19289684.00	0.00	19289684.00	340,646.00	0.00	340,646.00
11	UTTARAKHAND	13.904561	47,781,544.00	31842847.5	31842847.5	0.0	66264966.00	0.00	66264966.00	13.904561	48,951,843.00	31842847.5	31842847.5	0.0	66264966.00	0.00	66264966.00	1,170,299.00	0.00	1,170,299.00
12	UTTAR PRADESH	15.816092	54,350,317.00	36222060.0	36222060.0	0.0	75378107.00	0.00	75378107.00	15.816092	55,681,502.00	36222060.0	36222060.0	0.0	75378107.00	0.00	75378107.00	1,331,185.00	0.00	1,331,185.00
13	NDMC,DELHI	0.784639	2,696,328.00	1793397.0	1793397.0	0.0	3732059.00	0.00	3732059.00	0.784639	2,762,369.00	1793397.0	1793397.0	0.0	3732059.00	0.00	3732059.00	66,041.00	0.00	66,041.00
14	BSES RAJDHANI POWER	1.046185	3,595,103.00	2401365.5	2401365.5	0.0	4997242.00	0.00	4997242.00	1.046185	3,683,157.00	2401365.5	2401365.5	0.0	4997242.00	0.00	4997242.00	88,054.00	0.00	88,054.00
	TOTAL	100.000000	343639359.00	229018040.0	229018040.0	0	476586541.00	0	476586541.00	100.000000	352056009.00	229018040.0	229018040.0	0	476586541.00	0	476586541.00	8,416,650.00	0.00	8,416,650.00

Prepared By
Signature:

Checked By
Signature:

Issued By
Signature:



SJVN LIMITED
Commercial & System Operation Department

Name:
Designation:

Name:
Designation:

Name:
Designation:

In case of any discrepancy, contact the following

Name: Rajeev Agarwal
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Name: Aman Katoch
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सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

दिनांक: 03.07.2025

सेवा में/ To,

1. General Manager (Commercial.), NTPC Ltd, EOC-Noida
2. General Manager (O&M), IGSTPS- Jhajjar (Haryana)
3. General Manager (CSO), SJVN Ltd., Shimla
4. General Manager (Commercial), NHPC Ltd., Faridabad
5. General Manager (Commercial), JSW Hydro Ltd., Delhi

विषय: मई, 2025 के बिलिंग माह के लिए Average Monthly Frequency Response Performance- Beta 'β' ।

महोदय,

केंद्रीय विद्युत विनियामक आयोग (CERC) द्वारा अपनी पत्र संख्या L-1/268/2022/CERC दिनांक 23 अक्टूबर, 2024 के माध्यम से स्वीकृत "औसत मासिक आवृत्ति प्रतिक्रिया प्रदर्शन - बीटा (β)" की गणना की कार्यप्रणाली के अनुसार, जो कि CERC (शुल्क की शर्तें और नियम), 2024 के विनियम 62(5) और 65(4) के प्रावधानों के अंतर्गत है, NRLDC ने मई, 2025 के बिलिंग माह के लिए 'β' की गणना प्रस्तुत की है, जो कि उनके ईमेल दिनांक 16 जून, 2025 के माध्यम से उपलब्ध कराई गई।

NRLDC द्वारा प्रस्तुत बीटा (β) को उक्त प्रक्रिया के अंतर्गत प्रमाणित किया जाता है और इसे टैरिफ विनियम, 2024 और संबंधित प्रक्रिया के प्रावधानों के तहत विद्युत उत्पादन केंद्रों द्वारा अवलोकन के लिए संलग्न किया गया है।

In accordance with methodology for computation of Average Monthly Frequency Response Performance- Beta 'β' approved by Central Electricity Regulatory Commission vide its letter no. L-1/268/2022/CERC dated 23rd October, 2024 under provision of the Regulation 62(5) and 65(4) of the CERC (Terms and Conditions of Tariff) Regulations, 2024, NRLDC furnished 'β' computed for a billing month of May, 2025 vide email dated 16th June, 2025.

The Beta 'β', furnished by NRLDC is certified herewith under the said procedure and enclosed herewith for perusal by generating stations under the provisions of Tariff Regulations, 2024 and procedure thereof.

अनुलग्नक-यथोपरि।

भवदीय

Signed by Anzum Parwej

Date: 03-07-2025 12:45:32

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

**Average Monthly Frequency Response Performance- Beta 'β'
for billing month of May 2025**

Stations	Beta 'β'		Stations	Beta 'β'
ANTA GPP	No Data		PARBATI-III	1.00
AURAIYA GPP	No Data		RAMPUR HEP	1.00
BAIRASIUL HEP	1.00		RIHAND STPS	1.00
CHAMERA HEP	1.00		RIHAND-II STPS	1.00
CHAMERA-II HEP	0.00		RIHAND-III STPS	1.00
CHAMERA-III HEP	1.00		SALAL HEP	0.00
DADRI GPP	No Data		SEWA-II HEP	No Data
DADRI TPS	1.00		SINGRAULI STPS	1.00
DADRI-II TPS	1.00		TANAKPUR HEP	1.00
DHAULIGANGA HEP	No Data		TANDA-II STPS	1.00
DULHASTI HEP	1.00		TEHRI HEP	1.00
IGSTPS-JHAJJAR	1.00		UNCHAHAAR-I TPS	1.00
Karcham Wangtoo HEP	1.00		UNCHAHAAR-II TPS	1.00
KISHANGANGA HEP	0.00		UNCHAHAAR-III TPS	1.00
KOLDAM HEP	1.00		UNCHAHAAR-IV TPS	1.00
KOTESHWAR	1.00		URI HEP	0.00
NATHPA JHAKRI HEP	1.00		URI-II HEP	0.00
PARBATI-III	1.00			
Remarks	1. High Resolution Data (1 sec or better resolution) submitted by generating station 2. RLDC HDR Data (10 sec or better resolution)			