



SJVN LIMITED

Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI 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)	13828,636,000.00	13828,636,000.00	0.00
A2	Annual Design Energy (DE)in MWH	6,612,000.000	6,612,000.000	0.000
A3	Normative Auxiliary Consumption in % (AUX)	1.200	1.200	0.000
A4	Free Energy for Home State, in % (FEHS)	12.000	12.000	0.000
A5	Annual Ex-bus Design Energy [DE X (100-AUX)/100] in MWH	6,532,656.000	6,532,656.000	0.000
A6	Annual Ex-bus Saleable Design Energy = [DE X (100-AUX) X (100-FEHS) / 10000] in MWH	5,748,737.280	5,748,737.280	0.000
A7	Installed Capacity (IC) in MW	1500	1500	
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)	87.000	87.000	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	1.203	1.203	0.000
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.203	1.203	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) }]%	99.745	99.745	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	673,271,237.00	673,271,237.00	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	17,285,795.00	17,285,795.00
C5	Total Capacity Charges including Incentives on account of BetaFactor	673,271,237.00	690,557,032.00	17,285,795.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	957,553,250.0	957,553,250.0	0.0
E2	Free Power to the Home State as per REA in kwh.	114,906,175.0	114,906,175.0	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	842,647,075.0	842,647,075.0	0.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	1,370,936,000.0	1,370,936,000.0	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	164,512,105.0	164,512,105.0	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	1,206,423,895.0	1,206,423,895.0	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)	842,647,075.0	842,647,075.0	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)	1,013,704,431.00	1,013,704,431.00	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)		1,686,975,668.00	1,704,261,463.00	17,285,795.00



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Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI 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 12% Free Power)	Wtd. Avg. %age Capacity Allocation of GoHP including 22% equity and 12% Free Power after allocating SoR share to HPESB	Wtd. Avg %age Capacity allocation(excluding 12% freepower from the share of Go HP)	Proportionate Weighted Avg. %age Capacity Allocation excluding Free Power
		A	B	C	D = C/0.88
1	CHANDIGARH	1.683659	1.683659	1.683659	1.913249
2	DELHI	10.458851	10.458851	10.458851	11.885058
3	GoHP	36.470000	34.000000	22.000000	25.000000
4	HPSEB	0.000000	2.470000	2.470000	2.806818
5	HARYANA	5.094042	5.094042	5.094042	5.788684
6	J & K	8.648085	8.648085	8.648085	9.827369
7	PUNJAB	10.130000	10.130000	10.130000	11.511364
8	MPPMCL	0.198774	0.198774	0.198774	0.225880
9	RAJASTHAN	10.196866	10.196866	10.196866	11.587348
10	UTTARAKHAND	1.648085	1.648085	1.648085	1.872824
11	UTTAR PRADESH	14.730000	14.730000	14.730000	16.738636
15	NDMC,DELHI	0.741638	0.741638	0.741638	0.842770
	Total	100.000000	100.000000	88.000000	100.000000
Weighted Avg. % age Capacity Allocations to Discoms of DELHI for FY: 2025-2026, Period: 01.05.2025 to 31.05.2025					
Sr. No.	DELHI Discoms	%age Share	Weighted Avg. %age Capacity Allocation (inclusive of 12% Free Power)	Weighted Avg. %age Capacity Allocation (exclusive of 12% Free Power)	
1	TPDDL	30.680	2.905400	3.301591	
2	BSES RAJDHANI POWER	43.920	5.148051	5.850058	
3	BSES YAMUNA POWER	25.400	2.405400	2.733409	
	TOTAL	100.000	10.458851	11.885058	
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 12% Free Power)	Weighted Avg. %age Capacity Allocation (exclusive of 12% Free Power)	
1	AJMER VVNL	27.470	2.801079	3.183044	
2	JAIPUR VVNL	38.110	3.886026	4.415939	
3	JODHPUR VVNL	34.420	3.509761	3.988365	
	TOTAL	100.000	10.196866	11.587348	



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Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI 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	1.683659		13,073.00	1.683659		13,073.00	0.00
02	TPDDL	2.905400		22,559.00	2.905400		22,559.00	0.00
03	BSES RAJDHANI POWER	5.148051		39,973.00	5.148051		39,973.00	0.00
04	BSES YAMUNA POWER	2.405400		18,677.00	2.405400		18,677.00	0.00
05	GoHP	34.000000		263,996.00	34.000000		263,996.00	0.00
06	HPSEB	2.470000		19,179.00	2.470000		19,179.00	0.00
07	HARYANA	5.094042		39,553.00	5.094042		39,553.00	0.00
08	J & K	8.648085		67,149.00	8.648085		67,149.00	0.00
09	PUNJAB	10.130000		78,655.00	10.130000		78,655.00	0.00
10	MPPMCL	0.198774		1,543.00	0.198774		1,543.00	0.00
11	AJMER VVNL	2.801079		21,749.00	2.801079		21,749.00	0.00
12	JAIPUR VVNL	3.886026	776,460.00	30,173.00	3.886026	776,460.00	30,173.00	0.00
13	JODHPUR VVNL	3.509761		27,252.00	3.509761		27,252.00	0.00
14	UTTARAKHAND	1.648085		12,797.00	1.648085		12,797.00	0.00
15	UTTAR PRADESH	14.730000		114,373.00	14.730000		114,373.00	0.00
16	NDMC,DELHI	0.741638		5,759.00	0.741638		5,759.00	0.00
	Total	100.000000	776,460.00	776,460.00	100.000000	776,460.00	776,460.00	0.00



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Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI 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 12% 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 12% 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 * (1.203)	G = E * (1.203)	H = F + G	I	J	K	L	M	N = L * (1.203)	O = M * (1.203)	P = N + O	Q = J - B	R = P - H	S = Q + R
1	CHANDIGARH	1.913249	12,881,355.00	16121040.0	16121040.0	0.0	19393611.00	0.00	19393611.00	1.913249	13,212,076.00	16121040.0	16121040.0	0.0	19393611.00	0.00	19393611.00	330,721.00	0.00	330,721.00
2	TPDDL	3.301591	22,228,663.00	27821120.1	27821120.1	0.0	33468807.00	0.00	33468807.00	3.301591	22,799,369.00	27821120.1	27821120.1	0.0	33468807.00	0.00	33468807.00	570,706.00	0.00	570,706.00
3	BSES RAJDHANI POWER	5.850058	39,386,758.00	49295980.3	49295980.3	0.0	59303064.00	0.00	59303064.00	5.850058	40,397,987.00	49295980.3	49295980.3	0.0	59303064.00	0.00	59303064.00	1,011,229.00	0.00	1,011,229.00
4	BSES YAMUNA POWER	2.733409	18,403,257.00	23033290.5	23033290.5	0.0	27709048.00	0.00	27709048.00	2.733409	18,875,748.00	23033290.5	23033290.5	0.0	27709048.00	0.00	27709048.00	472,491.00	0.00	472,491.00
5	GOHP	25.000000	168,317,809.00	210661715.0	210661715.0	0.0	253426043.00	0.00	253426043.00	25.000000	172,639,258.00	210661715.0	210661715.0	0.0	253426043.00	0.00	253426043.00	4,321,449.00	0.00	4,321,449.00
6	HPSEB	2.806818	18,897,498.00	23652112.5	23652112.5	0.0	28453491.00	0.00	28453491.00	2.806818	19,382,679.00	23652112.5	23652112.5	0.0	28453491.00	0.00	28453491.00	485,181.00	0.00	485,181.00
7	HARYANA	5.788684	38,973,544.00	48778115.0	48778115.0	0.0	58680072.00	0.00	58680072.00	5.788684	39,974,164.00	48778115.0	48778115.0	0.0	58680072.00	0.00	58680072.00	1,000,620.00	0.00	1,000,620.00
8	J & K	9.827369	66,164,849.00	82808777.5	82808777.5	0.0	99618962.00	0.00	99618962.00	9.827369	67,863,587.00	82808777.5	82808777.5	0.0	99618962.00	0.00	99618962.00	1,698,738.00	0.00	1,698,738.00
9	PUNJAB	11.511364	77,502,703.00	96998855.0	96998855.0	0.0	116689623.00	0.00	116689623.00	11.511364	79,492,534.00	96998855.0	96998855.0	0.0	116689623.00	0.00	116689623.00	1,989,831.00	0.00	1,989,831.00
10	MPPMCL	0.225880	1,520,785.00	1904802.5	1904802.5	0.0	2291477.00	0.00	2291477.00	0.225880	1,559,830.00	1904802.5	1904802.5	0.0	2291477.00	0.00	2291477.00	39,045.00	0.00	39,045.00
11	AJMER VVNL	3.183044	21,430,520.00	26821583.7	26821583.7	0.0	32266365.00	0.00	32266365.00	3.183044	21,980,734.00	26821583.7	26821583.7	0.0	32266365.00	0.00	32266365.00	550,214.00	0.00	550,214.00
12	JAIPUR VVNL	4.415939	29,731,247.00	37210431.6	37210431.6	0.0	44764149.00	0.00	44764149.00	4.415939	30,494,577.00	37210431.6	37210431.6	0.0	44764149.00	0.00	44764149.00	763,330.00	0.00	763,330.00
13	JODHPUR VVNL	3.988365	26,852,514.00	33607532.2	33607532.2	0.0	40429861.00	0.00	40429861.00	3.988365	27,541,935.00	33607532.2	33607532.2	0.0	40429861.00	0.00	40429861.00	689,421.00	0.00	689,421.00
14	UTTARAKHAND	1.872824	12,609,185.00	15780997.5	15780997.5	0.0	18984540.00	0.00	18984540.00	1.872824	12,932,918.00	15780997.5	15780997.5	0.0	18984540.00	0.00	18984540.00	323,733.00	0.00	323,733.00
15	UTTAR PRADESH	16.738636	112,696,422.00	141049047.5	141049047.5	0.0	169682004.00	0.00	169682004.00	16.738636	115,589,828.00	141049047.5	141049047.5	0.0	169682004.00	0.00	169682004.00	2,893,406.00	0.00	2,893,406.00
16	NDMC,DELHI	0.842770	5,674,128.00	7101674.1	7101674.1	0.0	8543314.00	0.00	8543314.00	0.842770	5,819,808.00	7101674.1	7101674.1	0.0	8543314.00	0.00	8543314.00	145,680.00	0.00	145,680.00
	TOTAL	100.000000	673271237.00	842647075.0	842647075.0	0	1013704431.00	0	1013704431.00	100.000000	690557032.00	842647075.0	842647075.0	0	1013704431.00	0	1013704431.00	17,285,795.00	0.00	17,285,795.00



SJVN LIMITED
Commercial & System Operation Department

Prepared By

Signature:
Name:
Designation:

Checked By

Signature:
Name:
Designation:

Issued By

Signature:
Name:
Designation:

In case of any discrepancy, contact the following

Name: Rajeev Agarwal
Designation: DEPUTY GENERAL MANAGER
Phone: 0177-2660289
Mobile No.: 9418045426
Fax: 0177-2660211

Name: Aman Katoch
Designation: GENERAL MANAGER
Phone: 0177-2660214
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Fax: 0177-2660211

Name: Ashok Kumar
Designation: GENERAL MANAGER
Phone: 0177-2660212
Mobile No.: 9810162559
Fax: 0177-2660211



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)			