



SJVN LIMITED

Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: June,2025	FY: 2025-2026		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 02.07.2025	As per Amendment REA dtd. 02.07.2025	
		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)}	30	30	00
A9	Number of Days in the year (NDY)	365	365	000
A10	Number of Days in the month (N)	30	30	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) }) %	110.000	110.000	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	718,540,368.00	718,540,368.00	0.00
C3	Beta Factor, as per REA, which shall be in the range from 0.3 to 1	0.000	0.410	
C4	Incentive on account of Beta Factor{(3%xBeta Factx0.5xAFC)/12}	0.00	7,087,176.00	7,087,176.00
C5	Total Capacity Charges including Incentives on account of BetaFactor	718,540,368.00	725,627,544.00	7,087,176.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	1,054,291,250.0	1,054,291,250.0	0.0
E2	Free Power to the Home State as per REA in kwh.	126,514,590.0	126,514,590.0	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	927,776,660.0	927,776,660.0	0.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	2,425,227,250.0	2,425,227,250.0	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	291,026,695.0	291,026,695.0	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	2,134,200,555.0	2,134,200,555.0	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)	927,776,660.0	927,776,660.0	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)	1,116,115,322.00	1,116,115,322.00	0.00



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Sr. No.	Month: June,	FY: 2025-2026		
	Description	Already Billed As Per Provisional REA dtd. 02.07.2025	As per Amendment REA dtd. 02.07.2025	Differential Amount/Energy to be billed
		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)		1,834,655,690.00	1,841,742,866.00	7,087,176.00



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Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Amendment REA dated 02.07.2025					
For the month of June-2025 , Financial Year: 2025-2026 , Period: 01.06.2025 to 30.06.2025					
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	1.694181	1.694181	1.694181	1.925206
2	DELHI	10.473589	10.473589	10.473589	11.901806
3	GoHP	36.470000	34.000000	22.000000	25.000000
4	HPSEB	0.000000	2.470000	2.470000	2.806818
5	HARYANA	5.267870	5.267870	5.267870	5.986216
6	J & K	7.831556	7.831556	7.831556	8.899495
7	PUNJAB	11.294182	11.294182	11.294182	12.834298
8	MPPMCL	0.189932	0.189932	0.189932	0.215832
9	RAJASTHAN	10.141826	10.141826	10.141826	11.524802
10	UTTARAKHAND	1.164181	1.164181	1.164181	1.322933
11	UTTAR PRADESH	14.730000	14.730000	14.730000	16.738636
15	NDMC,DELHI	0.742683	0.742683	0.742683	0.843958
	Total	100.000000	100.000000	88.000000	100.000000
Weighted Avg. % age Capacity Allocations to Discoms of DELHI for FY: 2025-2026, Period: 01.06.2025 to 30.06.2025					
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	2.909494	3.306243	
2	BSES RAJDHANI POWER	43.920	5.155305	5.858302	
3	BSES YAMUNA POWER	25.400	2.408790	2.737261	
	TOTAL	100.000	10.473589	11.901806	
Weighted Avg. % age Capacity Allocations to Discoms of RAJASTHAN for FY: 2025-2026, Period: 01.06.2025 to 30.06.2025					
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	2.785960	3.165864	
2	JAIPUR VVNL	38.110	3.865049	4.392100	
3	JODHPUR VVNL	34.420	3.490817	3.966838	
	TOTAL	100.000	10.141826	11.524802	



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Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of June-2025								
		Already Billed As Per Provisional REA dtd. 02.07.2025			As per Amendment REA dtd. 02.07.2025 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	1.694181		12,914.00	1.694181		12,914.00	0.00
02	TPDDL	2.909494		22,177.00	2.909494		22,177.00	0.00
03	BSES RAJDHANI POWER	5.155305		39,296.00	5.155305		39,296.00	0.00
04	BSES YAMUNA POWER	2.408790		18,361.00	2.408790		18,361.00	0.00
05	GoHP	34.000000		259,162.00	34.000000		259,162.00	0.00
06	HPSEB	2.470000		18,827.00	2.470000		18,827.00	0.00
07	HARYANA	5.267870		40,154.00	5.267870		40,154.00	0.00
08	J & K	7.831556		59,694.00	7.831556		59,694.00	0.00
09	PUNJAB	11.294182		86,089.00	11.294182		86,089.00	0.00
10	MPPMCL	0.189932		1,448.00	0.189932		1,448.00	0.00
11	AJMER VVNL	2.785960		21,236.00	2.785960		21,236.00	0.00
12	JAIPUR VVNL	3.865049	762,240.00	29,461.00	3.865049	762,240.00	29,461.00	0.00
13	JODHPUR VVNL	3.490817		26,608.00	3.490817		26,608.00	0.00
14	UTTARAKHAND	1.164181		8,874.00	1.164181		8,874.00	0.00
15	UTTAR PRADESH	14.730000		112,278.00	14.730000		112,278.00	0.00
16	NDMC,DELHI	0.742683		5,661.00	0.742683		5,661.00	0.00
	Total	100.000000	762,240.00	762,240.00	100.000000	762,240.00	762,240.00	0.00



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Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI HPS for the month of June-2025																				
Already Billed As Per Provisional REA dtd. 02.07.2025										As per Amendment REA dtd. 02.07.2025							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	1.925206	13,833,382.00	17861455.0	17861455.0	0.0	21487330.00	0.00	21487330.00	1.925206	13,969,825.00	17861455.0	17861455.0	0.0	21487330.00	0.00	21487330.00	136,443.00	0.00	136,443.00
2	TPDDL	3.306243	23,756,691.00	30675006.2	30675006.2	0.0	36902032.00	0.00	36902032.00	3.306243	23,991,010.00	30675006.2	30675006.2	0.0	36902032.00	0.00	36902032.00	234,319.00	0.00	234,319.00
3	BSES RAJDHANI POWER	5.858302	42,094,265.00	54352754.2	54352754.2	0.0	65386363.00	0.00	65386363.00	5.858302	42,509,453.00	54352754.2	54352754.2	0.0	65386363.00	0.00	65386363.00	415,188.00	0.00	415,188.00
4	BSES YAMUNA POWER	2.737261	19,668,325.00	25396041.9	25396041.9	0.0	30551438.00	0.00	30551438.00	2.737261	19,862,320.00	25396041.9	25396041.9	0.0	30551438.00	0.00	30551438.00	193,995.00	0.00	193,995.00
5	GOHP	25.000000	179,635,092.00	231944075.0	231944075.0	0.0	279028722.00	0.00	279028722.00	25.000000	181,406,886.00	231944075.0	231944075.0	0.0	279028722.00	0.00	279028722.00	1,771,794.00	0.00	1,771,794.00
6	HPSEB	2.806818	20,168,120.00	26040722.5	26040722.5	0.0	31326989.00	0.00	31326989.00	2.806818	20,367,045.00	26040722.5	26040722.5	0.0	31326989.00	0.00	31326989.00	198,925.00	0.00	198,925.00
7	HARYANA	5.986216	43,013,378.00	55541875.0	55541875.0	0.0	66816876.00	0.00	66816876.00	5.986216	43,437,632.00	55541875.0	55541875.0	0.0	66816876.00	0.00	66816876.00	424,254.00	0.00	424,254.00
8	J & K	8.899495	63,946,464.00	82569227.5	82569227.5	0.0	99330782.00	0.00	99330782.00	8.899495	64,577,188.00	82569227.5	82569227.5	0.0	99330782.00	0.00	99330782.00	630,724.00	0.00	630,724.00
9	PUNJAB	12.834298	92,219,612.00	119073697.5	119073697.5	0.0	143245658.00	0.00	143245658.00	12.834298	93,129,201.00	119073697.5	119073697.5	0.0	143245658.00	0.00	143245658.00	909,589.00	0.00	909,589.00
10	MPPMCL	0.215832	1,550,840.00	2002087.5	2002087.5	0.0	2408511.00	0.00	2408511.00	0.215832	1,566,136.00	2002087.5	2002087.5	0.0	2408511.00	0.00	2408511.00	15,296.00	0.00	15,296.00
11	AJMER VVNL	3.165864	22,748,011.00	29370601.9	29370601.9	0.0	35332834.00	0.00	35332834.00	3.165864	22,972,381.00	29370601.9	29370601.9	0.0	35332834.00	0.00	35332834.00	224,370.00	0.00	224,370.00
12	JAIPUR VVNL	4.392100	31,559,012.00	40746765.2	40746765.2	0.0	49018359.00	0.00	49018359.00	4.392100	31,870,287.00	40746765.2	40746765.2	0.0	49018359.00	0.00	49018359.00	311,275.00	0.00	311,275.00
13	JODHPUR VVNL	3.966838	28,503,332.00	36801460.4	36801460.4	0.0	44272157.00	0.00	44272157.00	3.966838	28,784,469.00	36801460.4	36801460.4	0.0	44272157.00	0.00	44272157.00	281,137.00	0.00	281,137.00
14	UTTARAKHAND	1.322933	9,505,808.00	12273265.0	12273265.0	0.0	14764738.00	0.00	14764738.00	1.322933	9,599,566.00	12273265.0	12273265.0	0.0	14764738.00	0.00	14764738.00	93,758.00	0.00	93,758.00
15	UTTAR PRADESH	16.738636	120,273,857.00	155297462.5	155297462.5	0.0	186822847.00	0.00	186822847.00	16.738636	121,460,153.00	155297462.5	155297462.5	0.0	186822847.00	0.00	186822847.00	1,186,296.00	0.00	1,186,296.00
16	NDMC,DELHI	0.843958	6,064,179.00	7830162.7	7830162.7	0.0	9419686.00	0.00	9419686.00	0.843958	6,123,992.00	7830162.7	7830162.7	0.0	9419686.00	0.00	9419686.00	59,813.00	0.00	59,813.00
	TOTAL	100.000000	718540368.00	927776660.0	927776660.0	0	1116115322.00	0	1116115322.00	100.000000	725627544.00	927776660.0	927776660.0	0	1116115322.00	0	1116115322.00	7,087,176.00	0.00	7,087,176.00



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
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Name: Aman Katoch
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Name: Ashok Kumar
Designation: GENERAL MANAGER
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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: 01.08.2025

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: जून, 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 जून, 2025 के बिलिंग माह के लिए 'β' की गणना प्रस्तुत की है, जो कि उनके ईमेल दिनांक 07 जुलाई, 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 June, 2025 vide email dated 07th July, 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: 01-08-2025 18:59:42

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

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

Stations	Beta 'β'		Stations	Beta 'β'
ANTA GPP	1.00		PARBATI-III	1.00
AURAIYA GPP	1.00		RAMPUR HEP	0.00
BAIRASIUL HEP	0.68		RIHAND STPS	1.00
CHAMERA HEP	0.50		RIHAND-II STPS	1.00
CHAMERA-II HEP	0.69		RIHAND-III STPS	1.00
CHAMERA-III HEP	0.00		SALAL HEP	0.00
DADRI GPP	1.00		SEWA-II HEP	No Data
DADRI TPS	1.00		SINGRAULI STPS	0.89
DADRI-II TPS	0.56		TANAKPUR HEP	0.50
DHAULIGANGA HEP	0.67		TANDA-II STPS	1.00
DULHASTI HEP	0.50		TEHRI HEP	No Data
IGSTPS-JHAJJAR	1.00		UNCHA HAR-I TPS	1.00
Karcham Wangtoo HEP	0.75		UNCHA HAR-II TPS	1.00
KISHANGANGA HEP	0.22		UNCHA HAR-III TPS	1.00
KOLDAM HEP	0.27		UNCHA HAR-IV TPS	1.00
KOTESHWAR	1.00		URI HEP	0.00
NATHPA JHAKRI HEP	0.41		URI-II HEP	0.00
Remarks	1. High Resolution Data (1 sec or better resolution) submitted by generating station 2. RLDC HDR Data (10 sec or better resolution)			