



SJVN LIMITED

Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS

Sr. No.	Month: September,2025	FY: 2025-2026		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 01.10.2025	As per Revised REA dtd. 01.10.2025	
		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)})%]	108.000	108.000	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	705,475,998.00	705,475,998.00	0.00
C3	Beta Factor, as per REA, which shall be in the range from 0.3 to 1	0.000	0.670	
C4	Incentive on account of Beta Factor{(3%xBeta Factx0.5xAFC)/12}	0.00	11,581,483.00	11,581,483.00
C5	Total Capacity Charges including Incentives on account of BetaFactor	705,475,998.00	717,057,481.00	11,581,483.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	1,051,271,150.0	1,051,271,150.0	0.0
E2	Free Power to the Home State as per REA in kwh.	126,152,730.0	126,152,730.0	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	925,118,420.0	925,118,420.0	0.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	5,643,109,640.0	5,643,109,640.0	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	677,173,215.0	677,173,215.0	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	4,965,936,425.0	4,965,936,425.0	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)	925,118,420.0	925,118,420.0	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)	1,112,917,459.00	1,112,917,459.00	0.00



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	Description	Already Billed As Per Provisional REA dtd. 01.10.2025	As per Revised REA dtd. 01.10.2025	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)		1,818,393,457.00	1,829,974,940.00	11,581,483.00



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Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Revised REA dated 01.10.2025					
For the month of September-2025 , Financial Year: 2025-2026 , Period: 01.09.2025 to 30.09.2025					
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	1.697529	1.697529	1.697529	1.929010
2	DELHI	10.137159	10.137159	10.137159	11.519499
3	GoHP	36.470000	34.000000	22.000000	25.000000
4	HPSEB	0.000000	2.470000	2.470000	2.806818
5	HARYANA	5.270739	5.270739	5.270739	5.989476
6	J & K	7.833949	7.833949	7.833949	8.902217
7	PUNJAB	11.797897	11.797897	11.797897	13.406701
8	MPPMCL	0.187119	0.187119	0.187119	0.212635
9	RAJASTHAN	10.124315	10.124315	10.124315	11.504903
10	UTTARAKHAND	1.000739	1.000739	1.000739	1.137203
11	UTTAR PRADESH	14.730000	14.730000	14.730000	16.738636
15	NDMC,DELHI	0.750554	0.750554	0.750554	0.852902
	Total	100.000000	100.000000	88.000000	100.000000
Weighted Avg. % age Capacity Allocations to Discoms of DELHI for FY: 2025-2026, Period: 01.09.2025 to 30.09.2025					
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	4.826359	5.484499	
3	BSES YAMUNA POWER	25.400	2.405400	2.733409	
	TOTAL	100.000	10.137159	11.519499	
Weighted Avg. % age Capacity Allocations to Discoms of RAJASTHAN for FY: 2025-2026, Period: 01.09.2025 to 30.09.2025					
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	2.781149	3.160397	
2	JAIPUR VVNL	38.110	3.858377	4.384518	
3	JODHPUR VVNL	34.420	3.484789	3.959988	
	TOTAL	100.000	10.124315	11.504903	



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Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of September-2025								
		Already Billed As Per Provisional REA dtd. 01.10.2025			As per Revised REA dtd. 01.10.2025 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 Recieveable (+)/ Payable (-) from/ to the Beneficiaries in Rs.)
		A	B	C=(A*B)/100	D	E	F=(D*E)/100	G=F-C
01	CHANDIGARH	1.697529	725,352.00	12,313.00	1.697529	725,352.00	12,313.00	0.00
02	TPDDL	2.905400		21,074.00	2.905400		21,074.00	0.00
03	BSES RAJDHANI POWER	4.826359		35,008.00	4.826359		35,008.00	0.00
04	BSES YAMUNA POWER	2.405400		17,448.00	2.405400		17,448.00	0.00
05	GoHP	34.000000		246,620.00	34.000000		246,620.00	0.00
06	HPSEB	2.470000		17,916.00	2.470000		17,916.00	0.00
07	HARYANA	5.270739		38,231.00	5.270739		38,231.00	0.00
08	J & K	7.833949		56,825.00	7.833949		56,825.00	0.00
09	PUNJAB	11.797897		85,576.00	11.797897		85,576.00	0.00
10	MPPMCL	0.187119		1,357.00	0.187119		1,357.00	0.00
11	AJMER VVNL	2.781149		20,173.00	2.781149		20,173.00	0.00
12	JAIPUR VVNL	3.858377		27,987.00	3.858377		27,987.00	0.00
13	JODHPUR VVNL	3.484789		25,277.00	3.484789		25,277.00	0.00
14	UTTARAKHAND	1.000739		7,259.00	1.000739		7,259.00	0.00
15	UTTAR PRADESH	14.730000		106,844.00	14.730000		106,844.00	0.00
16	NDMC,DELHI	0.750554		5,444.00	0.750554		5,444.00	0.00
	Total	100.000000	725,352.00	725,352.00	100.000000	725,352.00	725,352.00	0.00



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Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI HPS for the month of September-2025																												
Already Billed As Per Provisional REA dtd. 01.10.2025										As per Revised REA dtd. 01.10.2025							Difference											
Sr. No.	Name of Beneficiaries	Proportionate weightd Avg. % of capacity for the month (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. % of capacity for the month (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 of 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	Total			As per REA	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	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	1.929010	13,608,703.00	17842762.5	17842762.5	0.0	21464843.00	0.00	21464843.00	1.929010	13,832,111.00	17842762.5	17842762.5	0.0	21464843.00	0.00	21464843.00	223,408.00	0.00	223,408.00								
2	TPDDL	3.301591	23,291,932.00	30543850.6	30543850.6	0.0	36744252.00	0.00	36744252.00	3.301591	23,674,305.00	30543850.6	30543850.6	0.0	36744252.00	0.00	36744252.00	382,373.00	0.00	382,373.00								
3	BSES RAJDHANI POWER	5.484499	38,691,824.00	50736830.6	50736830.6	0.0	61036407.00	0.00	61036407.00	5.484499	39,327,010.00	50736830.6	50736830.6	0.0	61036407.00	0.00	61036407.00	635,186.00	0.00	635,186.00								
4	BSES YAMUNA POWER	2.733409	19,283,544.00	25287457.2	25287457.2	0.0	30420811.00	0.00	30420811.00	2.733409	19,600,114.00	25287457.2	25287457.2	0.0	30420811.00	0.00	30420811.00	316,570.00	0.00	316,570.00								
5	GOHP	25.000000	176,369,000.00	231279653.0	231279653.0	0.0	278229423.00	0.00	278229423.00	25.000000	179,264,370.00	231279653.0	231279653.0	0.0	278229423.00	0.00	278229423.00	2,895,370.00	0.00	2,895,370.00								
6	HPSEB	2.806818	19,801,427.00	25964964.5	25964964.5	0.0	31235852.00	0.00	31235852.00	2.806818	20,126,498.00	25964964.5	25964964.5	0.0	31235852.00	0.00	31235852.00	325,071.00	0.00	325,071.00								
7	HARYANA	5.989476	42,254,316.00	55407277.5	55407277.5	0.0	66654955.00	0.00	66654955.00	5.989476	42,947,986.00	55407277.5	55407277.5	0.0	66654955.00	0.00	66654955.00	693,670.00	0.00	693,670.00								
8	J & K	8.902217	62,803,004.00	82353780.0	82353780.0	0.0	99071597.00	0.00	99071597.00	8.902217	63,834,014.00	82353780.0	82353780.0	0.0	99071597.00	0.00	99071597.00	1,031,010.00	0.00	1,031,010.00								
9	PUNJAB	13.406701	94,581,058.00	124024427.5	124024427.5	0.0	149201386.00	0.00	149201386.00	13.406701	96,133,752.00	124024427.5	124024427.5	0.0	149201386.00	0.00	149201386.00	1,552,694.00	0.00	1,552,694.00								
10	MPPMCL	0.212635	1,500,089.00	1970262.5	1970262.5	0.0	2370226.00	0.00	2370226.00	0.212635	1,524,715.00	1970262.5	1970262.5	0.0	2370226.00	0.00	2370226.00	24,626.00	0.00	24,626.00								
11	AJMER VVNL	3.160397	22,295,842.00	29241062.3	29241062.3	0.0	35176998.00	0.00	35176998.00	3.160397	22,661,863.00	29241062.3	29241062.3	0.0	35176998.00	0.00	35176998.00	366,021.00	0.00	366,021.00								
12	JAIPUR VVNL	4.384518	30,931,722.00	40567050.8	40567050.8	0.0	48802162.00	0.00	48802162.00	4.384518	31,439,514.00	40567050.8	40567050.8	0.0	48802162.00	0.00	48802162.00	507,792.00	0.00	507,792.00								
13	JODHPUR VVNL	3.959988	27,936,765.00	36639146.9	36639146.9	0.0	44076894.00	0.00	44076894.00	3.959988	28,395,390.00	36639146.9	36639146.9	0.0	44076894.00	0.00	44076894.00	458,625.00	0.00	458,625.00								
14	UTTARAKHAND	1.137203	8,022,694.00	10518662.5	10518662.5	0.0	12653951.00	0.00	12653951.00	1.137203	8,154,399.00	10518662.5	10518662.5	0.0	12653951.00	0.00	12653951.00	131,705.00	0.00	131,705.00								
15	UTTAR PRADESH	16.738636	118,087,059.00	154852677.5	154852677.5	0.0	186287771.00	0.00	186287771.00	16.738636	120,025,642.00	154852677.5	154852677.5	0.0	186287771.00	0.00	186287771.00	1,938,583.00	0.00	1,938,583.00								
16	NDMC,DELHI	0.852902	6,017,019.00	7888554.1	7888554.1	0.0	9489931.00	0.00	9489931.00	0.852902	6,115,798.00	7888554.1	7888554.1	0.0	9489931.00	0.00	9489931.00	98,779.00	0.00	98,779.00								
	TOTAL	100.000000	705475998.00	925118420.0	925118420.0	0	1112917459.00	0	1112917459.00	100.000000	717057481.00	925118420.0	925118420.0	0	1112917459.00	0	1112917459.00	11,581,483.00	0.00	11,581,483.00								

Prepared By

Signature:
Name:
Designation:

Checked By

Signature:
Name:
Designation:

Issued By

Signature:
Name:
Designation:

In case of any discrepancy, contact the following

Name: Munish Kumar
Designation: DEPUTY GENERAL MANAGER
Phone: 0177-2660211
Mobile No.: 9418476965
Fax: 0177-2660211

Name: Aman Katoch
Designation: GENERAL MANAGER
Phone: 0177-2660214
Mobile No.: 9418140470
Fax: 0177-2660211

Name:
Designation:
Phone:
Mobile No.: 0000000000
Fax:



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

दिनांक: 04.11.2025

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
6. AGM (Comml.), THDC, Rishikesh, Uttarakhand
7. CEO, Neyveli Uttar Pradesh Limited

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

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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 तथा UP-SLDC ने सितम्बर, 2025 के बिलिंग माह के लिए 'β' की गणना प्रस्तुत की है, जो कि उनके ईमेल के माध्यम से उपलब्ध कराई गई।

NRLDC तथा UP-SLDC 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 and UP-SLDC furnished 'β' computed for a billing month of September, 2025 vide email.

The Beta 'β', furnished by NRLDC and UP-SLDC 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: 04-11-2025 18:54:54

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

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

Stations	Beta 'β'	Stations	Beta 'β'
ANTA GPP	No Data	NUPPL (GHATAMPUR)	0.08
AURAIYA GPP	No Data	PARBATI-II	No Data
BAIRASIUL HEP	0.50	PARBATI-III	0.06
CHAMERA HEP	0.56	RAMPUR HEP	0.00
CHAMERA-II HEP	0.76	RIHAND STPS	0.33
CHAMERA-III HEP	1.00	RIHAND-II STPS	0.39
DADRI GPP	No Data	RIHAND-III STPS	0.34
DADRI TPS	0.95	SALAL HEP	0.25
DADRI-II TPS	1.00	SEWA-II HEP	0.50
DHAULIGANGA HEP	0.61	SINGRAULI STPS	0.44
DULHASTI HEP	0.40	TANAKPUR HEP	0.50
IGSTPS-JHAJJAR	0.67	TANDA-II STPS	0.33
Karcham Wangtoo HEP	1.00	TEHRI HEP	1.00
KISHANGANGA HEP	0.00	UNCHA HAR-I TPS	1.00
KOLDAM HEP	0.33	UNCHA HAR-II TPS	1.00
KOTESHWAR	1.00	UNCHA HAR-III TPS	0.00
KHURJA TPS	0.62	UNCHA HAR-IV TPS	1.00
MEJA TPS	0.36	URI HEP	0.04
NATHPA JHAKRI HEP	0.67	URI-II HEP	0.33
Remarks	1. High Resolution Data (1 sec or better resolution) submitted by generating station 2. RLDC HDR Data (10 sec or better resolution)		