



SJVN LIMITED
Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: April,2022	FY: 2022-2023		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 04.05.2022	As per Amendment REA dtd. 04.05.2022	
		A	B	C = B - A
A1	Annual Fixed Charges "AFC" in Rs. (as approved by CERC)	13592,704,000.00	13592,704,000.00	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)	90.000	90.000	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	1.182	1.182	0.000
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.182	1.182	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)})%]	110.098	110.098	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	683,346,815.00	683,346,815.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	405,495,474.8	405,495,474.8	0.0
E2	Free Power to the Home State as per REA in kwh.	49,789,942.8	49,789,942.8	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	355,705,532.0	355,705,532.0	0.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	405,495,474.8	405,495,474.8	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	49,789,942.8	49,789,942.8	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	355,705,532.0	355,705,532.0	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)	355,705,532.0	355,705,532.0	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)	420,443,939.00	420,443,939.00	0.00
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 (C2 + EE1 + EE2)	1,103,790,754.00	1,103,790,754.00	0.00



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Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Amendment REA dated 04.05.2022					
For the month of April-2022 , Financial Year: 2022-2023 , Period: 01.04.2022 to 30.04.2022					
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	1.730	1.730	1.730	1.966
2	DELHI	9.470	9.470	9.470	10.761
3	GoHP	36.470	34.000	22.000	25.000
4	HPSEB	0.000	2.470	2.470	2.807
5	HARYANA	5.350	5.350	5.350	6.080
6	J & K	10.200	10.200	10.200	11.591
7	PUNJAB	11.310	11.310	11.310	12.852
8	MPPMCL	0.160	0.160	0.160	0.182
9	RAJASTHAN	7.470	7.470	7.470	8.489
10	UTTARAKHAND	0.860	0.860	0.860	0.977
11	UTTAR PRADESH	16.980	16.980	16.980	19.295
	Total	100.000	100.000	88.000	100.000
Weighted Avg. % age Capacity Allocations to Discoms of DELHI for FY: 2022-2023, Period: 01.04.2022 to 30.04.2022					
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	2.905	3.302	
2	BSES RAJDHANI POWER	43.920	4.159	4.726	
3	BSES YAMUNA POWER	25.400	2.406	2.733	
	TOTAL	100.000	9.470	10.761	
Weighted Avg. % age Capacity Allocations to Discoms of RAJASTHAN for FY: 2022-2023, Period: 01.04.2022 to 30.04.2022					
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	26.640	1.990	2.262	
2	JAIPUR VVNL	39.280	2.934	3.334	
3	JODHPUR VVNL	34.080	2.546	2.893	
	TOTAL	100.000	7.470	8.489	



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Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI HTS for the month of April-2022
As per Amendment REA dtd. 04.05.2022

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 04.05.2022				Energy Charges for the month (Rs)				Energy Charges for the month (Rs)				Difference				
		Proportio natic weighte d Avg. % capacit y Allocati on (after excludi ng 12% free power)	Capacity Charges (inclusive of Incentive) for the month (Rs)	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus Saleable Design Energy	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	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 Receivable (+) Payable (-) to the Beneficiaries in Rs.		
A	B	C	D	E	F = D * (1.182)	G = E * (1.182)	H = F + G	I	J	K	L	M	N = L * (1.182)	O = M * (1.182)	P = N + O	Q = J - B	R = P - H	S = Q - R
1	CHANDIGARH	1.966	13,414,598.00	7015080.4	0.00	8291825.00	13,414,598.00	1.966	13,414,598.00	7015080.4	0.00	8291825.00	8291825.00	0.00	8291825.00	0.00	0.00	0.00
2	TPDDL	3.302	22,564,112.00	11781247.5	0.00	13925435.00	22,564,112.00	3.302	22,564,112.00	11781247.5	0.00	13925435.00	13925435.00	0.00	13925435.00	0.00	0.00	0.00
3	BSES RAJDAHANI POWER	4.726	32,294,970.00	16865462.5	0.00	19934977.00	32,294,970.00	4.726	32,294,970.00	16865462.5	0.00	19934977.00	19934977.00	0.00	19934977.00	0.00	0.00	0.00
4	BSES YAMUNA POWER	2.733	18,673,868.00	9753705.6	0.00	11528880.00	18,673,868.00	2.733	18,673,868.00	9753705.6	0.00	11528880.00	11528880.00	0.00	11528880.00	0.00	0.00	0.00
5	GOHP	25.000	170,816,704.00	89209004.5	0.00	105645843.00	170,816,704.00	25.000	170,816,704.00	89209004.5	0.00	105645843.00	105645843.00	0.00	105645843.00	0.00	0.00	0.00
6	BSEB	2.807	19,181,545.00	8885253.0	0.00	10502369.00	19,181,545.00	2.807	19,181,545.00	8885253.0	0.00	10502369.00	10502369.00	0.00	10502369.00	0.00	0.00	0.00
7	HARYANA	6.000	41,547,846.00	21694000.9	0.00	25642309.00	41,547,846.00	6.000	41,547,846.00	21694000.9	0.00	25642309.00	25642309.00	0.00	25642309.00	0.00	0.00	0.00
8	J & K	11.591	79,206,730.00	41450614.3	0.00	48994626.00	79,206,730.00	11.591	79,206,730.00	41450614.3	0.00	48994626.00	48994626.00	0.00	48994626.00	0.00	0.00	0.00
9	KUNJAB	12.852	87,923,733.00	45771468.1	0.00	54101875.00	87,923,733.00	12.852	87,923,733.00	45771468.1	0.00	54101875.00	54101875.00	0.00	54101875.00	0.00	0.00	0.00
10	MPPNCL	0.182	1,243,681.00	648792.8	0.00	766873.00	1,243,681.00	0.182	1,243,681.00	648792.8	0.00	766873.00	766873.00	0.00	766873.00	0.00	0.00	0.00
11	AIMER VVNL	2.304	15,744,311.00	820843.2	0.00	9717037.00	15,744,311.00	2.304	15,744,311.00	820843.2	0.00	9717037.00	9717037.00	0.00	9717037.00	0.00	0.00	0.00
12	BAIPUR VVNL	3.419	23,363,828.00	12,197986.5	0.00	14418020.00	23,363,828.00	3.419	23,363,828.00	12,197986.5	0.00	14418020.00	14418020.00	0.00	14418020.00	0.00	0.00	0.00
13	JODHPUR VVNL	2.766	18,901,173.00	9871675.7	0.00	11668321.00	18,901,173.00	2.766	18,901,173.00	9871675.7	0.00	11668321.00	11668321.00	0.00	11668321.00	0.00	0.00	0.00
14	UTTARAKHAND	0.977	6,676,298.00	3487249.8	0.00	4121929.00	6,676,298.00	0.977	6,676,298.00	3487249.8	0.00	4121929.00	4121929.00	0.00	4121929.00	0.00	0.00	0.00
15	UTTAR PRADESH	19.295	131,851,768.00	68853147.2	0.00	81364420.00	131,851,768.00	19.295	131,851,768.00	68853147.2	0.00	81364420.00	81364420.00	0.00	81364420.00	0.00	0.00	0.00
TOTAL		100.000	813,648,615.00	355705532.0	0.00	42043939.00	813,648,615.00	100.000	813,648,615.00	355705532.0	0.00	42043939.00	42043939.00	0.00	42043939.00	0.00	0.00	0.00

Prepared By
Signature: _____
Name: Aman Katoch
Designation: DEPUTY GENERAL MANAGER

Checked By
Signature: _____
Name: Ashok Kumar
Designation: SR.ADDITIONAL GENERAL MANAGER

Issued By
Signature: _____
Name: Harish Kumar Sharma
Designation: CHIEF GENERAL MANAGER

In case of any discrepancy, contact the following
Name: Aman Katoch
Designation: DEPUTY GENERAL MANAGER
Phone: 0177-2660214
Mobile No.: 8628840470
Fax: 0177-2660211

Name: Ashok Kumar
Designation: SR.ADDITIONAL GENERAL MANAGER
Phone: 0177-2660212
Mobile No.: 941 8023559
Fax: 0177-2660211

Name: Harish Kumar Sharma
Designation: CHIEF GENERAL MANAGER
Phone: 0177-2660210
Mobile No.: 9418162544
Fax: 0177-2660211



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Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of April-2022								
		Already Billed As Per Provisional REA dtd. 04.05.2022			As per Amendment REA dtd. 04.05.2022 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	1.730	742,518.00	12,846.00	1.730	742,518.00	12,846.00	0.00
02	TPDDL	2.905		21,570.00	2.905		21,570.00	0.00
03	BSES RAJDHANI POWER	4.159		30,881.00	4.159		30,881.00	0.00
04	BSES YAMUNA POWER	2.406		17,865.00	2.406		17,865.00	0.00
05	GoHP	34.000		252,456.00	34.000		252,456.00	0.00
06	HPSEB	2.470		18,340.00	2.470		18,340.00	0.00
07	HARYANA	5.350		39,725.00	5.350		39,725.00	0.00
08	J & K	10.200		75,736.00	10.200		75,736.00	0.00
09	PUNJAB	11.310		83,979.00	11.310		83,979.00	0.00
10	MPPMCL	0.160		1,188.00	0.160		1,188.00	0.00
11	AJMER VVNL	2.027		15,051.00	1.990		14,776.00	-275.00
12	JAIPUR VVNL	3.009		22,342.00	2.934		21,785.00	-557.00
13	JODHPUR VVNL	2.434		18,073.00	2.546		18,905.00	832.00
14	UTTARAKHAND	0.860		6,386.00	0.860		6,386.00	0.00
15	UTTAR PRADESH	16.980		126,080.00	16.980		126,080.00	0.00
Total		100.000	742,518.00	742,518.00	100.000	742,518.00	742,518.00	0.00