



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 Final REA dtd. 28.03.2023	
		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	50,652,827.8	862,885.0
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	354,842,647.0	-862,885.0
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	50,652,827.8	862,885.0
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	354,842,647.0	-862,885.0
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	354,842,647.0	-862,885.0
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	419,424,009.00	-1,019,930.00
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	1,102,770,824.00	-1,019,930.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 28.03.2023
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	27.120	2.026	2.302
2	JAIPUR VVNL	37.760	2.821	3.206
3	JODHPUR VVNL	35.120	2.623	2.981
	TOTAL	100.000	7.470	8.489



SJVN LIMITED
Commercial & System Operation Department

Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI HPS for the month of April-2022

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 04.05.2022				As per Final REA dtd. 28.03.2023				Difference										
		Proport ionate weighte d Avg. % capacity Allocati on (after excludi ng 12% fcc power)	Capacity Charges (inclusive of incentive) for the month (Rs)	Ex-bus Saleable Scheduled Energy for the month (kwh)	Total	Proport ionate weighte d Avg. % capacity Allocati on (after excludi ng 12% fcc power)	Capacity Charges (inclusive of incentive) for the month (Rs)	Ex-bus Saleable Scheduled Energy for the month (kwh)	Total	Differential Amount on account of Capacity charges Receivable (-) from/ to the Beneficiaries in Rs.	Differential Amount on account of Energy Charges (+) Receivable (-) from/ to the Beneficiaries in Rs.									
		A	B	C	D	E	F = D * (L1R2)	G = E * (L1R2)	H = F + G	I	J	K	L	M	N = L * (L1R2)	O = M * (L1R2)	P = N + O	Q = J - N	R = P - H	S = O + R
1.	CHANDIGARH	1.966	15,434,538.00	7015080.4	7015080.4	0.0	8291825.00	0.00	8291825.00	1.966	15,434,538.00	7015080.4	7015080.4	0.0	8291825.00	0.00	8291825.00	0.00	0.00	0.00
2.	TPDDL	3.302	22,564,112.00	11781247.5	11781247.5	0.0	13925435.00	0.00	13925435.00	3.302	22,564,112.00	11781247.5	11781247.5	0.0	13925435.00	0.00	13925435.00	0.00	0.00	0.00
3.	BSES RAJDHANI POWER	4.726	32,294,970.00	16865462.5	16865462.5	0.0	19934977.00	0.00	19934977.00	4.726	32,294,970.00	16865462.5	16865462.5	0.0	19934977.00	0.00	19934977.00	0.00	0.00	0.00
4.	BSES YAMUNA POWER	2.733	18,675,868.00	9753705.6	9753705.6	0.0	11528880.00	0.00	11528880.00	2.733	18,675,868.00	9753705.6	9753705.6	0.0	11528880.00	0.00	11528880.00	0.00	0.00	0.00
5.	COALP	25.000	170,816,704.00	89209004.5	89209004.5	0.0	105445043.00	0.00	105445043.00	25.000	170,816,704.00	89209004.5	89209004.5	0.0	105445043.00	0.00	105445043.00	0.00	0.00	0.00
6.	HSEB	2.897	19,181,845.00	8885253.0	8885253.0	0.0	10592369.00	0.00	10592369.00	2.897	19,181,845.00	8885253.0	8885253.0	0.0	10592369.00	0.00	10592369.00	0.00	0.00	0.00
7.	HARYANA	6.080	41,547,486.00	21694000.9	21694000.9	0.0	25642309.00	0.00	25642309.00	6.080	41,547,486.00	21694000.9	21694000.9	0.0	25642309.00	0.00	25642309.00	0.00	0.00	0.00
8.	J & K	11.591	79,206,731.00	41450614.3	41450614.3	0.0	48994626.00	0.00	48994626.00	11.591	79,206,731.00	41450614.3	41450614.3	0.0	48994626.00	0.00	48994626.00	0.00	0.00	0.00
9.	PUNJAB	12.853	87,833,733.00	45771468.1	45771468.1	0.0	54101875.00	0.00	54101875.00	12.853	87,833,733.00	45771468.1	45771468.1	0.0	54101875.00	0.00	54101875.00	0.00	0.00	0.00
10.	MPPGCL	0.182	1,343,691.00	648792.8	648792.8	0.0	766873.00	0.00	766873.00	0.182	1,343,691.00	648792.8	648792.8	0.0	766873.00	0.00	766873.00	0.00	0.00	0.00
11.	JAMER VVNL	2.262	15,457,105.00	809290.7	809290.7	0.0	8338030.00	0.00	8338030.00	2.262	15,457,105.00	809290.7	809290.7	0.0	8338030.00	0.00	8338030.00	0.00	0.00	0.00
12.	HAIPUR VVNL	3.334	22,782,781.00	11898110.5	11898110.5	0.0	14063567.00	0.00	14063567.00	3.334	22,782,781.00	11898110.5	11898110.5	0.0	14063567.00	0.00	14063567.00	0.00	0.00	0.00
13.	LODHUR VVNL	2.893	19,769,223.00	10323004.2	10323004.2	0.0	12201791.00	0.00	12201791.00	2.893	19,769,223.00	10323004.2	10323004.2	0.0	12201791.00	0.00	12201791.00	0.00	0.00	0.00
14.	UTTARAKHAND	0.977	6,676,298.00	3487249.8	3487249.8	0.0	4121929.00	0.00	4121929.00	0.977	6,676,298.00	3487249.8	3487249.8	0.0	4121929.00	0.00	4121929.00	0.00	0.00	0.00
15.	UTTAR PRADESH	19.295	131,851,768.00	68853147.2	68853147.2	0.0	81384420.00	0.00	81384420.00	19.295	131,851,768.00	68853147.2	68853147.2	0.0	81384420.00	0.00	81384420.00	0.00	0.00	0.00
	TOTAL	100.000	833,468,150.00	355705532.0	355705532.0	0.0	420449399.00	0.00	420449399.00	100.000	833,468,150.00	355705532.0	355705532.0	0.00	420449399.00	0.00	420449399.00	0.00	-1,019,930.00	-1,019,930.00

Prepared By
Signature: Aman Kaloch
Name:
Designation: DEPUTY GENERAL MANAGER

Checked By
Signature: Ashok Kumar
Name:
Designation: GENERAL MANAGER

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

In case of any discrepancy, contact the following
Name: Aman Kaloch
Designation: DEPUTY GENERAL MANAGER
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Mobile No.: 8628840470
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Name: Ashok Kumar
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Name: Harish Kumar Sharma
Designation: CHIEF GENERAL MANAGER
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SJVN LIMITED
Commercial & System Operation Department

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 Final REA dtd. 28.03.2023 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 Receivable (+)/ 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		75,737.00	1.00
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	1.990		14,776.00	2.026		15,043.00	267.00
12	JAIPUR VVNL	2.934		21,785.00	2.821		20,946.00	-839.00
13	JODHPUR VVNL	2.546		18,905.00	2.623		19,476.00	571.00
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



SJVN LIMITED
Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: May,2022	FY: 2022-2023		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 06.06.2022	As per Final REA dtd. 28.03.2023	
		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)	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)	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)}%]	110.121	110.121	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	706,272,555.00	706,272,555.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	720,638,029.9	720,638,029.9	0.0
E2	Free Power to the Home State as per REA in kwh.	87,445,756.1	88,253,636.1	807,880.0
E3	Ex-bus Saleable Scheduled Energy for the month in kwh} . [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	633,192,273.8	632,384,393.8	-807,880.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	1,126,133,504.7	1,126,133,504.7	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	137,235,698.9	138,906,463.9	1,670,765.0
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	988,897,805.8	987,227,040.8	-1,670,765.0
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)	633,192,273.8	632,384,393.8	-807,880.0
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)	748,433,268.00	747,478,353.00	-954,915.00
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)		1,454,705,823.00	1,453,750,908.00	-954,915.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 28.03.2023

For the month of May-2022 , Financial Year: 2022-2023 , Period: 01.05.2022 to 31.05.2022

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7	PUNJAB	11.254	11.254	11.254	12.789
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

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Period: 01.05.2022 to 31.05.2022

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	TOTAL	100.000	9.470	10.761

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Period: 01.05.2022 to 31.05.2022

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)
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	TOTAL	100.000	7.470	8.489



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Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of May-2022								
		Already Billed As Per Provisional REA dtd. 06.06.2022			As per Final REA dtd. 28.03.2023 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	1.730	728,939.00	12,611.00	1.730	728,939.00	12,611.00	0.00
02	TPDDL	2.905		21,176.00	2.905		21,176.00	0.00
03	BSES RAJDHANI POWER	4.159		30,317.00	4.159		30,317.00	0.00
04	BSES YAMUNA POWER	2.406		17,538.00	2.406		17,538.00	0.00
05	GoHP	34.000		247,839.00	34.000		247,839.00	0.00
06	HPSEB	2.470		18,005.00	2.470		18,005.00	0.00
07	HARYANA	5.350		38,998.00	5.350		38,998.00	0.00
08	J & K	10.256		74,759.00	10.256		74,760.00	1.00
09	PUNJAB	11.254		82,035.00	11.254		82,035.00	0.00
10	MPPMCL	0.160		1,166.00	0.160		1,166.00	0.00
11	AJMER VVNL	1.990		14,506.00	2.026		14,768.00	262.00
12	JAIPUR VVNL	2.934		21,387.00	2.821		20,563.00	-824.00
13	JODHPUR VVNL	2.546		18,559.00	2.623		19,120.00	561.00
14	UTTARAKHAND	0.860		6,269.00	0.860		6,269.00	0.00
15	UTTAR PRADESH	16.980		123,774.00	16.980		123,774.00	0.00
	Total	100.000	728,939.00	728,939.00	100.000	728,939.00	728,939.00	0.00



SJVN LIMITED
Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: June,2022	FY: 2022-2023		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 05.07.2022	As per Final REA dtd. 28.03.2023	
		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)}%]	110.121	110.121	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	683,489,569.00	683,489,569.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	895,452,271.4	895,452,271.4	0.0
E2	Free Power to the Home State as per REA in kwh.	109,137,993.3	109,898,758.7	760,765.4
E3	Ex-bus Saleable Scheduled Energy for the month in kwh}. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	786,314,278.1	785,553,512.7	-760,765.4
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	2,021,585,776.1	2,021,585,776.1	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	246,373,692.2	248,805,222.6	2,431,530.4
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	1,775,212,083.9	1,772,780,553.5	-2,431,530.4
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)	786,314,278.1	785,553,512.7	-760,765.4
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)	929,423,477.00	928,524,252.00	-899,225.00
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)		1,612,913,046.00	1,612,013,821.00	-899,225.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 28.03.2023

For the month of June-2022 , Financial Year: 2022-2023 , Period: 01.06.2022 to 30.06.2022

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	10.090	10.090	10.090	11.466
7	PUNJAB	11.420	11.420	11.420	12.977
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: 01.06.2022 to 30.06.2022

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: 01.06.2022 to 30.06.2022

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	27.120	2.026	2.302
2	JAIPUR VVNL	37.760	2.821	3.206
3	JODHPUR VVNL	35.120	2.623	2.981
	TOTAL	100.000	7.470	8.489



SJVN LIMITED
Commercial & System Operation Department

Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI HFS for the month of June-2022

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 05.07.2022				As per Final REA dtd. 28.03.2023				Difference										
		Proportionate weights and Avg. capacity for the month (Rs)	Capacity Charges (inclusive of Incentive)	Upto Annual Ex-bus Saleable Design Energy	Total	Proportionate weights and Avg. capacity for the month (Rs)	Capacity Charges (inclusive of Incentive)	Upto Annual Ex-bus Saleable Design Energy	Total	Differential Amount on account of Capacity charges Receivable (+)/ Payable (-) Beneficiaries in Rs.	Differential Amount on account of Energy Charges Receivable (+)/ Payable (-) Beneficiaries in Rs.									
		A	B	C	D	E	F = D * (L1/E2)	G = E * (L1/E2)	H = F + G	I	J	K	L	M	N = L * (L1/E2)	O = M * (L1/E2)	P = N + O	Q = J - B	R = P - H	S = Q + R
1	CHANDIGARH	1.966	13,437,405.00	15491307.4	15491307.4	0.0	18110725.00	0.00	18110725.00	1.966	13,437,405.00	15491307.4	15491307.4	0.0	18110725.00	0.00	18110725.00	0.00	0.00	0.00
2	TPDDL	3.302	22,568,825.00	26016438.9	26016438.9	0.0	30751431.00	0.00	30751431.00	3.302	22,568,825.00	26016438.9	26016438.9	0.0	30751431.00	0.00	30751431.00	0.00	0.00	0.00
3	BSES RAJDHANI POWER	4.726	32,301,717.00	37243872.1	37243872.1	0.0	44022257.00	0.00	44022257.00	4.726	32,301,717.00	37243872.1	37243872.1	0.0	44022257.00	0.00	44022257.00	0.00	0.00	0.00
4	BSES YAMUNA POWER	2.733	18,679,770.00	21539033.6	21539033.6	0.0	25459138.00	0.00	25459138.00	2.733	18,679,770.00	21539033.6	21539033.6	0.0	25459138.00	0.00	25459138.00	0.00	0.00	0.00
5	GOHP	25.000	170,872,392.00	196999499.7	196999499.7	0.0	232853409.00	0.00	232853409.00	25.000	170,872,392.00	196999499.7	196999499.7	0.0	232853409.00	0.00	232853409.00	0.00	0.00	0.00
6	HFSER	2.807	19,185,552.00	26433959.1	26433959.1	0.0	24152940.00	0.00	24152940.00	2.807	19,185,552.00	19671193.7	19671193.7	0.0	23253715.00	0.00	23253715.00	0.00	-899,235.00	-899,235.00
7	HARYANA	6.080	41,556,166.00	47906711.9	47906711.9	0.0	56625733.00	0.00	56625733.00	6.080	41,556,166.00	47906711.9	47906711.9	0.0	56625733.00	0.00	56625733.00	0.00	0.00	0.00
8	J & K	11.466	78,468,915.00	90351115.5	90351115.5	0.0	106795019.00	0.00	106795019.00	11.466	78,468,915.00	90351115.5	90351115.5	0.0	106795019.00	0.00	106795019.00	-1.00	0.00	-1.00
9	MUNJAR	12.977	88,696,441.00	102260633.3	102260633.3	0.0	120872071.00	0.00	120872071.00	12.977	88,696,441.00	102260633.3	102260633.3	0.0	120872071.00	0.00	120872071.00	0.00	0.00	0.00
10	MPPNCL	0.182	1,243,951.00	1432723.6	1432723.6	0.0	1693479.00	0.00	1693479.00	0.182	1,243,951.00	1432723.6	1432723.6	0.0	1693479.00	0.00	1693479.00	0.00	0.00	0.00
11	AIMER VVNL	2.862	15,460,514.00	17819375.8	17819375.8	0.0	21062739.00	0.00	21062739.00	2.862	15,460,514.00	18140669.3	18140669.3	0.0	21442247.00	0.00	21442247.00	373,396.00	179,505.00	62,064.00
12	JAIPIUR VVNL	3.334	22,787,542.00	26374509.7	26374509.7	0.0	31056470.00	0.00	31056470.00	3.334	22,787,542.00	25357777.1	25357777.1	0.0	29854693.00	0.00	29854693.00	-874,866.00	-1,201,777.00	-2,076,643.00
13	JODHPUR VVNL	2.893	19,773,353.00	22756214.1	22756214.1	0.0	26945125.00	0.00	26945125.00	2.893	19,773,353.00	23491873.2	23491873.2	0.0	27767394.00	0.00	27767394.00	601,471.00	422,269.00	1,433,740.00
14	UTTARAKHAND	0.977	6,677,693.00	7700877.7	7700877.7	0.0	9102437.00	0.00	9102437.00	0.977	6,677,693.00	7700877.7	7700877.7	0.0	9102437.00	0.00	9102437.00	0.00	0.00	0.00
15	UTTAR PRADESH	19.295	131,879,312.00	152047803.7	152047803.7	0.0	179720504.00	0.00	179720504.00	19.295	131,879,312.00	152047803.7	152047803.7	0.0	179720504.00	0.00	179720504.00	0.00	0.00	0.00
TOTAL		100.000	883,089,569.00	1,063,142,781.1	1,063,142,781.1	0.0	1,294,347,770.00	0.00	1,294,347,770.00	100.000	883,089,569.00	1,063,142,781.1	1,063,142,781.1	0.0	1,294,347,770.00	0.00	1,294,347,770.00	0.00	-899,235.00	-899,235.00

Prepared By

Signature: _____
Name: Aman Katoch
Designation: _____

Checked By

Signature: _____
Name: Ashok Kumar
Designation: GENERAL MANAGER

Issued By

Signature: _____
Name: Harish Kumar Shitma
Designation: CHIEF GENERAL MANAGER

In case of any discrepancy, contact the following

Name: Aman Katoch
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SJVN LIMITED
Commercial & System Operation Department

Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of June-2022								
		Already Billed As Per Provisional REA dtd. 05.07.2022			As per Final REA dtd. 28.03.2023 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	714,343.00	12,358.00	1.730	714,343.00	12,358.00	0.00
02	TPDDL	2.905		20,752.00	2.905		20,752.00	0.00
03	BSES RAJDHANI POWER	4.159		29,710.00	4.159		29,710.00	0.00
04	BSES YAMUNA POWER	2.406		17,187.00	2.406		17,187.00	0.00
05	GoHP	34.000		242,877.00	34.000		242,877.00	0.00
06	HPSEB	2.470		17,644.00	2.470		17,644.00	0.00
07	HARYANA	5.350		38,217.00	5.350		38,217.00	0.00
08	J & K	10.090		72,078.00	10.090		72,077.00	-1.00
09	PUNJAB	11.420		81,578.00	11.420		81,578.00	0.00
10	MPPMCL	0.160		1,143.00	0.160		1,143.00	0.00
11	AJMER VVNL	1.990		14,215.00	2.026		14,473.00	258.00
12	JAIPUR VVNL	2.934		20,959.00	2.821		20,152.00	-807.00
13	JODHPUR VVNL	2.546		18,187.00	2.623		18,737.00	550.00
14	UTTARAKHAND	0.860		6,143.00	0.860		6,143.00	0.00
15	UTTAR PRADESH	16.980		121,295.00	16.980		121,295.00	0.00
Total		100.000	714,343.00	714,343.00	100.000	714,343.00	714,343.00	0.00



SJVN LIMITED
Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: July,2022	FY: 2022-2023		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 03.08.2022	As per Final REA dtd. 28.03.2023	
		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)}	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)	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)})%]	110.198	110.198	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	706,766,403.00	706,766,403.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	1,164,110,056.0	1,164,110,056.0	0.0
E2	Free Power to the Home State as per REA in kwh.	140,248,811.7	140,616,158.8	367,347.1
E3	Ex-bus Saleable Scheduled Energy for the month in kwh} . [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	1,023,861,244.3	1,023,493,897.2	-367,347.1
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	3,185,695,832.1	3,185,695,832.1	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	386,622,503.9	389,421,381.4	2,798,877.5
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	2,799,073,328.2	2,796,274,450.7	-2,798,877.5
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)	1,023,861,244.3	1,023,493,897.2	-367,347.1
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)	1,210,203,991.00	1,209,769,786.00	-434,205.00
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)		1,916,970,394.00	1,916,536,189.00	-434,205.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 28.03.2023

For the month of July-2022 , Financial Year: 2022-2023 , Period: 01.07.2022 to 31.07.2022

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	10.090	10.090	10.090	11.466
7	PUNJAB	11.420	11.420	11.420	12.977
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: 01.07.2022 to 31.07.2022

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: 01.07.2022 to 31.07.2022

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	27.120	2.026	2.302
2	JAIPUR VVNL	37.760	2.821	3.206
3	JODHPUR VVNL	35.120	2.623	2.981
	TOTAL	100.000	7.470	8.489



SJVN LIMITED
Commercial & System Operation Department

Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI HPS for the month of July-2023.
As per Final REA dttd. 28.03.2023

Sr. No.	Name of Beneficiaries	Proportional weightage of Avg. capacity month (Rs)	Already Billed As Per Provisional REA dttd. 03.08.2022			Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA JHAKRI HPS for the month of July-2023			As per Final REA dttd. 28.03.2023			Difference						
			Capacity Charges (inclusive of Incentive) for the month (Rs)	Upto Annual Ex-bus Salcable Design Energy for the month (kwh)	In excess of Annual Ex-bus Salcable Design energy	As per REA	Upto Annual Ex-bus Salcable Design Energy	In excess of Annual Ex-bus Salcable Design energy	Upto Annual Ex-bus Salcable Design Energy	In excess of Annual Ex-bus Salcable Design energy	Total	Differential Amount on account of Capacity charges Receivable (+) Payable (-) Beneficiaries in Rs.)	Differential Amount on account of Energy Charges Receivable (+) Payable (-) Beneficiaries in Rs.	Total charges for the month Receivable (+) Payable (-) from the Beneficiaries in Rs.				
A	B	C	D	E	F = D * (L1/L2)	G = E * (L1/L2)	H = F + G	I	J	K	L	M	N = L * (L1/L2)	O = M * (L1/L2)	P = N + O	Q = J - P	R = P - H	S = Q + R
1	CHANDIGARH	1.966	13,905,027.00	201,191,58.9	0.0	23,804,486.00	0.0	1.966	13,905,027.00	201,191,58.9	0.0	23,804,486.00	0.0	0.0	23,804,486.00	0.0	0.0	0.0
2	TPDDL	3.302	21,337,432.00	3,382,1996.8	0.0	3,997,760.00	0.0	3.302	23,337,432.00	3,382,1996.8	0.0	3,997,760.00	0.0	0.0	3,997,760.00	0.0	0.0	0.0
3	BSES RAJDAHANI POWER	4.726	31,401,780.00	4,841,793.0	0.0	5,722,999.00	0.0	4.726	31,401,780.00	4,841,793.0	0.0	5,722,999.00	0.0	0.0	5,722,999.00	0.0	0.0	0.0
4	BSES YAMUNA POWER	2.713	19,315,928.00	2,800,126.0	0.0	3,097,492.00	0.0	2.713	19,315,928.00	2,800,126.0	0.0	3,097,492.00	0.0	0.0	3,097,492.00	0.0	0.0	0.0
5	GOHP	25.000	1,76,691,601.00	25,610,421.3	0.0	3,027,151,79.00	0.0	25.000	1,76,691,601.00	25,610,421.3	0.0	3,027,151,79.00	0.0	0.0	3,027,151,79.00	0.0	0.0	0.0
6	HPSER	2.807	19,838,933.00	2,819,784.6	0.0	3,312,997.00	0.0	2.807	19,838,933.00	2,819,784.6	0.0	3,312,997.00	0.0	0.0	3,312,997.00	0.0	0.0	0.0
7	HARYANA	6.080	42,971,397.00	6,227,983.8	0.0	7,316,4793.00	0.0	6.080	42,971,397.00	6,227,983.8	0.0	7,316,4793.00	0.0	0.0	7,316,4793.00	0.0	0.0	0.0
8	J & K	11.466	81,037,836.00	11,745,8763.8	0.0	1,388,62538.00	0.0	11.466	81,037,836.00	11,745,8763.8	0.0	1,388,62538.00	0.0	0.0	1,388,62538.00	0.0	0.0	0.0
9	RUNJAB	12.977	31,317,078.00	4,324,287.7	0.0	5,571,36602.00	0.0	12.977	31,317,078.00	4,324,287.7	0.0	5,571,36602.00	0.0	0.0	5,571,36602.00	0.0	0.0	0.0
10	MPPSCL	0.182	1,286,315.00	1,862,576.4	0.0	2,201,565.00	0.0	0.182	1,286,315.00	1,862,576.4	0.0	2,201,565.00	0.0	0.0	2,201,565.00	0.0	0.0	0.0
11	AIMER VVNL	2.263	15,987,058.00	2,116,873.3	0.0	2,718,2062.00	0.0	2.263	15,987,058.00	2,116,873.3	0.0	2,718,2062.00	0.0	0.0	2,718,2062.00	0.0	0.0	0.0
12	JABUR VVNL	3.334	23,563,592.00	3,415,748.0	0.0	4,017,4152.00	0.0	3.334	23,563,592.00	3,415,748.0	0.0	4,017,4152.00	0.0	0.0	4,017,4152.00	0.0	0.0	0.0
13	JODHPUR VVNL	2.931	20,446,152.00	2,963,621.8	0.0	3,502,9105.00	0.0	2.931	20,446,152.00	2,963,621.8	0.0	3,502,9105.00	0.0	0.0	3,502,9105.00	0.0	0.0	0.0
14	UTTARAKHAND	0.977	5,905,108.00	1,001,245.3	0.0	1,183,3292.00	0.0	0.977	5,905,108.00	1,001,245.3	0.0	1,183,3292.00	0.0	0.0	1,183,3292.00	0.0	0.0	0.0
15	UTTAR PRADESH	19.295	136,370,577.00	19,766,623.3	0.0	23,364,1240.00	0.0	19.295	136,370,577.00	19,766,623.3	0.0	23,364,1240.00	0.0	0.0	23,364,1240.00	0.0	0.0	0.0
TOTAL		100.000	706,766,403.00	103,386,1244.3	0	12,102,03991.00	0	100.000	706,766,403.00	103,386,1244.3	0	12,102,03991.00	0	0	12,102,03991.00	0	-434,205.00	-434,205.00

Prepared By

Signature: _____
Name: _____
Designation: _____

Checked By

Signature: _____
Name: _____
Designation: _____

Issued By

Signature: _____
Name: _____
Designation: _____

In case of any discrepancy, contact the following

Name: Aman Katoch
Designation: DEPUTY GENERAL MANAGER
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SJVN LIMITED
Commercial & System Operation Department

Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of July-2022								
		Already Billed As Per Provisional REA dtd. 03.08.2022			As per Final REA dtd. 28.03.2023 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	707,984.00	12,248.00	1.730	707,984.00	12,248.00	0.00
02	TPDDL	2.905		20,567.00	2.905		20,567.00	0.00
03	BSES RAJDHANI POWER	4.159		29,445.00	4.159		29,445.00	0.00
04	BSES YAMUNA POWER	2.406		17,034.00	2.406		17,034.00	0.00
05	GoHP	34.000		240,715.00	34.000		240,715.00	0.00
06	HPSEB	2.470		17,487.00	2.470		17,487.00	0.00
07	HARYANA	5.350		37,877.00	5.350		37,877.00	0.00
08	J & K	10.090		71,435.00	10.090		71,435.00	0.00
09	PUNJAB	11.420		80,852.00	11.420		80,852.00	0.00
10	MPPMCL	0.160		1,133.00	0.160		1,133.00	0.00
11	AJMER VVNL	1.990		14,089.00	2.026		14,344.00	255.00
12	JAIPUR VVNL	2.934		20,772.00	2.821		19,972.00	-800.00
13	JODHPUR VVNL	2.546		18,025.00	2.623		18,570.00	545.00
14	UTTARAKHAND	0.860		6,089.00	0.860		6,089.00	0.00
15	UTTAR PRADESH	16.980		120,216.00	16.980		120,216.00	0.00
	Total	100.000	707,984.00	707,984.00	100.000	707,984.00	707,984.00	0.00



SJVN LIMITED
Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: August,2022	FY: 2022-2023		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 02.09.2022	As per Final REA dtd. 28.03.2023	
		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)}	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)	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)}%]	108.445	104.889	-3.556
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	695,523,354.00	672,716,576.00	-22,806,778.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	1,120,964,259.1	1,120,964,259.1	0.0
E2	Free Power to the Home State as per REA in kwh.	134,700,657.6	134,519,794.1	-180,863.5
E3	Ex-bus Saleable Scheduled Energy for the month in kwh}. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	986,263,601.5	986,444,465.0	180,863.5
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	4,306,660,091.2	4,306,660,091.2	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	521,323,161.5	523,941,175.5	2,618,014.0
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	3,785,336,929.7	3,782,718,915.7	-2,618,014.0
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)	986,263,601.5	986,444,465.0	180,863.5
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)	1,165,763,577.00	1,165,977,358.00	213,781.00
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)		1,861,286,931.00	1,838,693,934.00	-22,592,997.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 28.03.2023

For the month of August-2022 , Financial Year: 2022-2023 , Period: 01.08.2022 to 31.08.2022

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	10.090	10.090	10.090	11.466
7	PUNJAB	11.420	11.420	11.420	12.977
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: 01.08.2022 to 31.08.2022

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: 01.08.2022 to 31.08.2022

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	27.120	2.026	2.302
2	JAIPUR VVNL	37.760	2.821	3.206
3	JODHPUR VVNL	35.120	2.623	2.981
	TOTAL	100.000	7.470	8.489



SJVN LIMITED
Commercial & System Operation Department

Beneficiary-wise breakup of Capacity & Energy Charges of NATHPA, JHAKRI HPS for the month of August-2022

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 02.09.2022										As per Final REA dtd. 28.03.2023									
		Ex-bus Saleable Scheduled Energy for the month (kwh)					Energy Charges for the month (Rs)					Ex-bus Saleable Scheduled Energy for the month (kwh)					Energy Charges for the month (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	1,671,980.00	19,927,506.00	19,927,506.00	19,927,506.00	23,222,331.00	23,222,331.00	1.966	1,235,608.00	19,927,506.00	19,927,506.00	0.00	23,222,331.00	0.00	23,222,331.00	-48,341.00	0.00	-48,341.00		
2	TIDDL	3.302	2,986,181.00	32,684,379.00	32,684,379.00	32,684,379.00	38,495,894.00	38,495,894.00	3.302	2,213,101.00	32,684,379.00	32,684,379.00	0.00	38,495,894.00	0.00	38,495,894.00	-753,080.00	0.00	-753,080.00		
3	RHEES RAIDHANI POWER	4.726	3,870,454.00	46,623,396.10	46,623,396.10	46,623,396.10	55,108,854.00	55,108,854.00	4.726	3,179,585.00	46,623,396.10	46,623,396.10	0.00	55,108,854.00	0.00	55,108,854.00	-1,077,849.00	0.00	-1,077,849.00		
4	BHEES YAMUNSA POWER	2.713	9,008,653.00	26,963,439.40	26,963,439.40	26,963,439.40	31,870,785.00	31,870,785.00	2.713	1,885,344.00	26,963,439.40	26,963,439.40	0.00	31,870,785.00	0.00	31,870,785.00	-623,309.00	0.00	-623,309.00		
5	GOHP	25.000	71,880,839.00	24,661,2137.00	24,661,2137.00	24,661,2137.00	291,495,546.00	291,495,546.00	25.000	1,68,179,144.00	24,661,2137.00	24,661,2137.00	0.00	291,495,546.00	0.00	291,495,546.00	-5,701,695.00	0.00	-5,701,695.00		
6	HSEB	2.807	9,533,341.00	27,629,211.50	27,629,211.50	27,629,211.50	32,908,841.00	32,908,841.00	2.807	1,883,151.00	27,629,211.50	27,629,211.50	0.00	32,908,841.00	0.00	32,908,841.00	-460,187.00	0.00	-460,187.00		
7	HARYANA	6.080	42,287,820.00	19,971,553.70	19,971,553.70	19,971,553.70	70,886,376.00	70,886,376.00	6.080	40,901,165.00	19,971,553.70	19,971,553.70	0.00	70,886,376.00	0.00	70,886,376.00	-1,386,652.00	0.00	-1,386,652.00		
8	J&K	11.666	79,248,705.00	11,119,565.10	11,119,565.10	11,119,565.10	13,690,543.00	13,690,543.00	11.666	7,133,684.00	11,119,565.10	11,119,565.10	0.00	13,690,543.00	0.00	13,690,543.00	-2,615,022.00	0.00	-2,615,022.00		
9	PUNJAB	12.977	90,258,066.00	1,280,4016.80	1,280,4016.80	1,280,4016.80	15,131,2568.00	15,131,2568.00	12.977	8,298,430.00	1,280,4016.80	1,280,4016.80	0.00	15,131,2568.00	0.00	15,131,2568.00	-2,959,636.00	0.00	-2,959,636.00		
10	MPP/MCL	0.182	265,853.00	179,354.20	179,354.20	179,354.20	221,9968.00	221,9968.00	0.182	1,224,344.00	179,354.20	179,354.20	0.00	221,9968.00	0.00	221,9968.00	-41,509.00	0.00	-41,509.00		
11	BIHAR VVNL	2.262	5,732,238.00	22,027,266.00	22,027,266.00	22,027,266.00	26,667,188.00	26,667,188.00	2.262	1,548,936.00	22,027,266.00	22,027,266.00	0.00	26,667,188.00	0.00	26,667,188.00	-475,055.00	0.00	-475,055.00		
12	JALPUR VVNL	3.334	21,488,749.00	32,991,494.30	32,991,494.30	32,991,494.30	38,877,746.00	38,877,746.00	3.302	2,157,292.00	32,991,494.30	32,991,494.30	0.00	38,877,746.00	0.00	38,877,746.00	-2,46,802.00	0.00	-2,46,802.00		
13	JODHPUR VVNL	2.893	20,131,451.00	28,537,223.10	28,537,223.10	28,537,223.10	33,739,998.00	33,739,998.00	2.891	2,053,681.00	28,537,223.10	28,537,223.10	0.00	33,739,998.00	0.00	33,739,998.00	-1,631,456.00	0.00	-1,631,456.00		
14	UTTARAKHAND	0.977	6,795,262.00	9,640,656.60	9,640,656.60	9,640,656.60	11,394,676.00	11,394,676.00	0.977	6,572,441.00	9,640,656.60	9,640,656.60	0.00	11,394,676.00	0.00	11,394,676.00	-67,810.00	0.00	-67,810.00		
15	UTTAR PRADESH	19.295	14,201,231.00	190,339,991.20	190,339,991.20	190,339,991.20	224,981,763.00	224,981,763.00	19.295	129,890,663.00	190,339,991.20	190,339,991.20	0.00	224,981,763.00	0.00	224,981,763.00	-4,400,568.00	0.00	-4,400,568.00		
	TOTAL	100.000	495,523,354.00	8,626,601.50	8,626,601.50	8,626,601.50	116,576,577.00	116,576,577.00	100.000	87,271,657.00	8,626,601.50	8,626,601.50	0.00	116,576,577.00	0.00	116,576,577.00	-22,806,774.00	0.00	-22,806,774.00		

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

Checked By
Signature: _____
Name: Ashok Kumar
Designation: GENERAL MANAGER

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

In case of any discrepancy, contact the following

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SJVN LIMITED
Commercial & System Operation Department

Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of August-2022								
		Already Billed As Per Provisional REA dtd. 02.09.2022			As per Final REA dtd. 28.03.2023 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 Receivable (+)/ 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	702,237.00	12,149.00	1,730	702,237.00	12,149.00	0.00
02	TPDDL	2.905		20,400.00	2,905		20,400.00	0.00
03	BSES RAJDHANI POWER	4.159		29,206.00	4,159		29,206.00	0.00
04	BSES YAMUNA POWER	2.406		16,896.00	2,406		16,896.00	0.00
05	GoHP	34.000		238,761.00	34,000		238,761.00	0.00
06	HPSEB	2.470		17,345.00	2,470		17,345.00	0.00
07	HARYANA	5.350		37,570.00	5,350		37,570.00	0.00
08	J & K	10.090		70,854.00	10,090		70,854.00	0.00
09	PUNJAB	11.420		80,195.00	11,420		80,195.00	0.00
10	MPPMCL	0.160		1,124.00	0.160		1,124.00	0.00
11	AJMER VVNL	1.990		13,975.00	2,026		14,227.00	252.00
12	JAIPUR VVNL	2.934		20,604.00	2,821		19,811.00	-793.00
13	JODHPUR VVNL	2.546		17,879.00	2,623		18,420.00	541.00
14	UTTARAKHAND	0.860		6,039.00	0,860		6,039.00	0.00
15	UTTAR PRADESH	16.980		119,240.00	16,980		119,240.00	0.00
	Total	100.000	702,237.00	702,237.00	100.000	702,237.00	702,237.00	0.00