



SJVN LIMITED

Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: January,2022	FY: 2021 -2022		
	Description	Already Billed As Per Provisional REA dtd. 04.02.2022	As per Final REA dtd. 16.09.2022	Differential Amount/Energy to be billed
		A	B	C = B - A
A1	Annual Fixed Charges "AFC" in Rs. (as approved by CERC)	13408,946,000.00	13408,946,000.00	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	1.166	1.166	0.000
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.166	1.166	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)})%	91.979	91.979	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	581,941,930.00	581,941,930.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	211,280,739.6	211,280,739.6	0.0
E2	Free Power to the Home State as per REA in kwh.	25,633,355.0	25,892,265.5	258,910.5
E3	Ex-bus Saleable Scheduled Energy for the month in kwh}. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	185,647,384.6	185,388,474.1	-258,910.5
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	6,499,889,461.6	6,499,889,461.6	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	786,187,026.1	787,497,540.8	1,310,514.7
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	5,713,702,435.5	5,712,391,920.8	-1,310,514.7
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)	185,647,384.6	185,388,474.1	-258,910.5
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)	216,464,850.00	216,162,961.00	-301,889.00
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)		798,406,780.00	798,104,891.00	-301,889.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 16.09.2022
For the month of January-2022 , Financial Year: 2021 -2022 , Period: 01.01.2022 to 31.01.2022

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	1.300	1.300	1.300	1.477
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	4.270	4.270	4.270	4.852
6	J & K	13.510	13.510	13.510	15.352
7	PUNJAB	10.130	10.130	10.130	11.511
8	MPPMCL	0.160	0.160	0.160	0.182
9	RAJASTHAN	7.470	7.470	7.470	8.489
10	UTTARAKHAND	1.280	1.280	1.280	1.455
11	UTTAR PRADESH	15.940	15.940	15.940	18.114
	Total	100.000	100.000	88.000	100.000

Weighted Avg. % age Capacity Allocations to Discoms of DELHI for FY: 2021 -2022,
Period: 01.01.2022 to 31.01.2022

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: 2021 -2022,
Period: 01.01.2022 to 31.01.2022

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	27.140	2.027	2.304
2	JAIPUR VVNL	40.270	3.009	3.419
3	JODHPUR VVNL	32.590	2.434	2.766
	TOTAL	100.000	7.470	8.489



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

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 04.02.2022				As per Final REA dtd. 16.09.2022				Difference						
		Proportionate weightage % capacity on (after excluding free power)	Capacity Charges (inclusive of Incentive) for the month (Rs)	As per REA	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus saleable Design energy	Total	Proportionate weightage % capacity Allocated (after excluding 12% free power)	Capacity Charges (inclusive of Incentive) for the month (Rs)	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 * (1.166)	G = E * (1.166)	H = F + G	J	K	L	M	N = L * (1.166)	O = M * (1.166)	P = N + O	Q = P - H	R = O - R
1	CHANDIGARH	1.477	8,595,282.00	2746661.8	2746661.8	0.00	3202608.00	1.477	8,595,282.00	2746661.8	0.00	3202608.00	0.00	3202608.00	0.00	0.00
2	TODDL	1.302	19,215,723.00	6138539.8	6138539.8	0.00	7157537.00	3.302	19,215,723.00	6138539.8	0.00	7157537.00	0.00	7157537.00	0.00	0.00
3	BRES RAJDHANI POWER	4.726	27,502,576.00	8787635.9	8787635.9	0.00	10246383.00	4.726	27,502,576.00	8787635.9	0.00	10246383.00	0.00	10246383.00	0.00	0.00
4	BRES YAMUNA POWER	2.733	15,904,473.00	5092102.7	5092102.7	0.00	5925732.00	2.733	15,904,473.00	5092102.7	0.00	5925732.00	0.00	5925732.00	0.00	0.00
5	HOHP	25.000	145,485,483.00	46481762.7	46481762.7	0.00	54197735.00	25.000	145,485,483.00	46481762.7	0.00	54197735.00	0.00	54197735.00	0.00	0.00
6	HESER	2.807	16,335,110.00	4938953.2	4938953.2	0.00	5748831.00	2.807	16,335,110.00	4938953.2	0.00	5748831.00	0.00	5748831.00	0.00	0.00
7	HARYANA	4.852	28,235,822.00	8921679.4	8921679.4	0.00	10519278.00	4.852	28,235,822.00	8921679.4	0.00	10519278.00	0.00	10519278.00	0.00	0.00
8	DELHI	15.352	89,339,724.00	28544020.7	28544020.7	0.00	33282328.00	15.352	89,339,724.00	28544020.7	0.00	33282328.00	0.00	33282328.00	0.00	0.00
9	PUNJAB	11.511	66,981,336.00	21402748.6	21402748.6	0.00	24955605.00	11.511	66,981,336.00	21402748.6	0.00	24955605.00	0.00	24955605.00	0.00	0.00
10	MP/MCL	8.182	1,059,134.00	338049.2	338049.2	0.00	394165.00	8.182	1,059,134.00	338049.2	0.00	394165.00	0.00	394165.00	0.00	0.00
11	JAMER VVNL	2.904	13,407,942.00	4283414.8	4283414.8	0.00	4994462.00	2.904	13,407,942.00	4283414.8	0.00	4994462.00	0.00	4994462.00	0.00	0.00
12	PAIPUR VVNL	1.419	19,896,595.00	6355678.6	6355678.6	0.00	7410721.00	3.419	19,896,595.00	6355678.6	0.00	7410721.00	0.00	7410721.00	0.00	0.00
13	ODHPUR VVNL	2.766	16,096,514.00	5143570.0	5143570.0	0.00	5997403.00	2.766	16,096,514.00	5143570.0	0.00	5997403.00	0.00	5997403.00	0.00	0.00
14	JITTA AKHAND	1.655	8,467,255.00	2704393.6	2704393.6	0.00	3153323.00	1.655	8,467,255.00	2704393.6	0.00	3153323.00	0.00	3153323.00	0.00	0.00
15	JITTA RAJDESI	18.114	105,419,961.00	33678163.6	33678163.6	0.00	39268739.00	18.114	105,419,961.00	33678163.6	0.00	39268739.00	0.00	39268739.00	0.00	0.00
	TOTAL	100.000	810149300.00	25647384.6	25647384.6	0.00	316464850.00	100.000	810149300.00	25647384.6	0.00	316464850.00	0.00	316464850.00	0.00	-301,889.00

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 Kalech
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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 January-2022

		Already Billed As Per Provisional REA dtd. 04.02.2022			As per Final REA dtd. 16.09.2022 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	1.300	742,324.00	9,650.00	1.300	742,324.00	9,650.00	0.00
02	TPDDL	2.905		21,565.00	2.905		21,565.00	0.00
03	BSES RAJDHANI POWER	4.159		30,873.00	4.159		30,873.00	0.00
04	BSES YAMUNA POWER	2.406		17,860.00	2.406		17,860.00	0.00
05	GoHP	34.000		252,390.00	34.000		252,390.00	0.00
06	HPSEB	2.470		18,335.00	2.470		18,335.00	0.00
07	HARYANA	4.270		31,697.00	4.270		31,697.00	0.00
08	J & K	13.510		100,289.00	13.510		100,289.00	0.00
09	PUNJAB	10.130		75,197.00	10.130		75,197.00	0.00
10	MPPMCL	0.160		1,188.00	0.160		1,188.00	0.00
11	AJMER VVNL	2.027		15,047.00	2.027		15,047.00	0.00
12	JAIPUR VVNL	3.009		22,337.00	3.009		22,337.00	0.00
13	JODHPUR VVNL	2.434		18,068.00	2.434		18,068.00	0.00
14	UTTARAKHAND	1.280		9,502.00	1.280		9,502.00	0.00
15	UTTAR PRADESH	15.940		118,326.00	15.940		118,326.00	0.00
Total		100.000	742,324.00	742,324.00	100.000	742,324.00	742,324.00	0.00



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं.: उक्षेविस/वाणिज्यिक/201/क्षे.ऊ.ले./2022/8600-8638

No.: NRPC/Comm/201/REA/2022/8600-8638

दिनांक: 16 सितम्बर, 2022

Dated: 16 September, 2022

सेवा में,

To,

संलग्न सूची के अनुसार

As per list enclosed

विषय : जनवरी, 2022 माह का ए.बी.टी. आधारित अंतिम क्षेत्रीय ऊर्जा लेखा ।

Subject: ABT based Final REA for the month of January, 2022.

जनवरी, 2022 माह का अंतिम क्षेत्रीय ऊर्जा लेखा की प्रति इस पत्र के साथ संलग्न कर आपको आवश्यक कार्यवाही हेतु प्रेषित की जा रही है। प्रति हमारी वेबसाइट (<http://164.100.60.165>) पर भी उपलब्ध हैं। उत्तरी क्षेत्र का सभी घटको से अनुरोध है कि यदि इस लेखा में कोई त्रुटि हो, हो उसे लेखा जारी होने के 15 दिन के भीतर इस कार्यालय में सूचित कर दें। यदि 15 दिन के भीतर इस सम्बन्ध में किसी भी घटक से सूचना प्राप्त नहीं होती है, तो इस लेखा को सही मान कर उससे पूर्णतया अंतिम समझा जायेगा।

Please find enclosed herewith the ABT based Final REA for the month of January, 2022 for further necessary action by the constituents. A copy of this REA is also available on NRPC website (<http://164.100.60.165>). The constituents are requested to intimate the discrepancy/ error, if any, within 15 days from the date of issue of this REA. In case no such communication is received from any constituent within 15 days, the REA will be treated as correct and closed.

अनुलग्नक – यथोपरि ।

Encl.: As above.

-sd/-

(सौमित्र मजूमदार)

(Saumitra Mazumdar)

अधीक्षण अभियंता

Superintending Engineer

Northern Regional Power Committee
Final REA for the Month of JANUARY, 2022

Table - C1

WT. AVG. ENTITLEMENTS OF UTILITIES FOR THE MONTH IN CS STATIONS BASED ON GOI ORDERS(%)

Station	BANGLADESH	CHANDIGARH	CHHATTISGARH	DELHI	GURAT	HIMACHAL PRADESH	HARYANA	J & K	M.P.	ORISSA	PUNJAB	PG-AGRRA	PG-BALLIA	PG-BHWADI	PG-DADRI	PG-KURUKSHETRA	PG-RIHAND	RAJASTHAN	SURRENDERED POWER	UTTARAKHAND	UTTAR PRADESH
ANTA GPP	0.000	2.360	0.000	10.500	0.000	3.580	3.327	16.770	0.240	0.000	11.690	0.000	0.000	0.000	0.000	0.000	0.000	19.810	2.403	5.740	23.580
AURAIYA GPP	0.000	1.910	0.000	10.860	0.000	3.320	5.880	16.420	0.240	0.000	12.520	0.000	0.000	0.000	0.000	0.000	0.000	9.200	0.000	5.770	33.880
EAIRASILUL HEP	0.000	0.000	0.000	11.000	0.000	12.000	30.500	0.000	0.000	0	46.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAMERA HEP	0.000	3.900	0.000	7.900	0.000	14.900	15.800	3.900	0.000	0	10.200	0.000	0.000	0.000	0.000	0.000	0.000	19.600	0.000	3.530	20.270
CHAMERA-II HEP	0.000	2.070	0.000	13.330	0.000	15.670	5.670	18.120	0.290	0.000	10.000	0.000	0.000	0.000	0.000	0.000	0.000	9.670	0.000	2.330	22.850
CHAMERA-III HEP	0.000	1.765	0.000	12.734	0.000	13.000	8.738	16.728	0.240	0.000	7.856	0.000	0.000	0.000	0.000	0.000	0.000	10.914	0.000	6.051	21.974
DADRI GPP	0.000	1.820	0.000	10.960	0.000	3.010	4.940	16.940	0.240	0.000	15.900	0.000	0.000	0.000	0.000	0.000	0.000	9.280	0.000	5.420	31.490
DADRI SOLAR	0	0	0	0	0	0	0	0	0	100.000	0	0	0	0	0	0	0	0	0	0	0
DADRI TPS	0.000	0.000	0.000	90.000	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.000
DADRI-II TPS	1.020	0.154	0.000	74.355	0.000	0.180	0.000	1.304	0.230	0	0.460	0.255	0.103	0.103	0.082	0.357	0.000	7.810	0.000	0.257	13.330
DHAULGANGA HEP	0.000	1.880	0.000	13.210	0.000	3.570	5.710	15.900	0.240	0	10.000	0.000	0.000	0.000	0.000	0.000	0.000	9.650	0.000	18.010	21.830
DULHASTI HEP	0.000	1.630	0.000	12.830	0.000	0.000	5.470	30.980	0.240	0	8.280	0.000	0.000	0.000	0.000	0.000	0.000	10.880	0.000	6.050	23.640
IGSTPS-JHAJAR	0.000	0.590	0.000	46.200	0.000	0.000	46.200	4.980	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.980	0.930
KOLDAM HEP	0.000	1.330	0.000	0.000	0.000	28.000	9.810	15.660	0.120	0	7.730	0.000	0.000	0.000	0.000	0.000	0.000	10.730	0.000	6.880	19.740
KOTESHWAR	0.000	1.130	0.000	9.860	0.000	0.000	4.210	11.020	0.160	0	6.360	0.000	0.000	0.000	0.000	0.000	0.000	8.360	0.000	18.950	39.950
KISHANGANGA HEP	0.000	1.160	30.300	0.000	0.000	0.000	0.000	22.830	0.240	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.940	43.530
MEJA TPS	0.000	0.810	0.000	0.000	0.000	0.000	0.000	7.800	0.120	0	3.640	0.000	0.000	0.000	0.000	0.000	0.000	5.000	0.000	2.710	79.920
NAPP	0.000	2.270	0.000	10.680	0.000	3.180	6.360	17.030	0.240	0	11.590	0.000	0.000	0.000	0.000	0.000	0.000	10.000	0.000	5.580	33.070
NATHPA JHAKRI HEP	0.000	1.300	0.000	9.470	0.000	36.470	4.270	13.510	0.160	0	10.130	0.000	0.000	0.000	0.000	0.000	0.000	7.470	0.000	1.280	15.940
PARBATI-III	0.000	1.760	0.000	12.730	0.000	13.000	8.740	16.730	0.240	0	7.860	0.000	0.000	0.000	0.000	0.000	0.000	10.910	0.000	6.050	21.980
PAPPB	0.000	0.663	0.000	0.000	0.000	0.000	12.889	7.950	0.000	0	24.604	0.000	0.000	0.000	0.000	0.000	0.000	35.787	0.000	0.000	18.107
RAPP	0.000	1.840	0.000	12.690	0.000	3.400	5.670	19.150	0.240	0	10.410	0.000	0.000	0.000	0.000	0.000	0.000	19.940	0.000	5.340	21.320
RAMPUR HEP	0.000	0.710	0.000	0.000	0.000	41.910	4.150	13.110	0.150	0	5.620	0.000	0.000	0.000	0.000	0.000	0.000	7.720	0.000	11.760	14.870

**Northern Regional Power Committee
Final REA for the Month of JANUARY, 2022**

Table - D2

Energy Scheduled To the Beneficiaries from CS Hydro Stations

(All Figs in LUs)

CS Station	State Utilities	Scheduled Energy	Free Energy (Included in Schedule)
KOTESHWAR :-			
	CHANDIGARH	9.503959	
	DELHI	82.933816	
	HARYANA	35.410455	
	J & K	92.692040	
	M.P.	1.345792	
	PUNJAB	53.495232	
	RAJASTHAN	70.317632	
	UTTAR PRADESH	336.028137	
	UTTARAKHAND	159.392937	103.091303
TOTAL KOTESHWAR		841.120000	
KISHANGANGA HEP :-			
	CHANDIGARH	4.924804	
	CHHATTISGARH	128.642707	
	J & K	96.927761	57.886327
	M.P.	1.018842	
	UTTAR PRADESH	184.812607	
	UTTARAKHAND	8.236551	
TOTAL KISHANGANGA HEP		424.563272	
NATHPA JHAKRI HEP :-			
	CHANDIGARH	27.466618	
	DELHI	200.082784	
	HARYANA	90.216794	
	HIMACHAL PRADESH	770.540809	258.922655
	J & K	285.440207	
	M.P.	3.380492	
	PUNJAB	214.027486	
	RAJASTHAN	157.826634	
	UTTAR PRADESH	336.781636	
	UTTARAKHAND	27.043936	
TOTAL NATHPA JHAKRI HEP		2112.807396	



SJVN LIMITED

Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: February,2022	FY: 2021 -2022		
	Description	Already Billed As Per Provisional REA dtd. 03.03.2022	As per Final REA dtd. 16.09.2022	Differential Amount/Energy to be billed
		A	B	C = B - A
A1	Annual Fixed Charges "AFC" in Rs. (as approved by CERC)	13408,946,000.00	13408,946,000.00	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)}	28	28	00
A9	Number of Days in the year (NDY)	365	365	000
A10	Number of Days in the month (N)	28	28	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	1.166	1.166	0.000
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.166	1.166	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)}]%	90.374	90.374	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	516,453,005.00	516,453,005.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	173,782,246.6	173,782,246.6	0.0
E2	Free Power to the Home State as per REA in kwh.	21,048,028.8	21,380,649.1	332,620.3
E3	Ex-bus Saleable Scheduled Energy for the month in kwh}. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	152,734,217.8	152,401,597.5	-332,620.3
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	6,673,671,708.2	6,673,671,708.2	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	807,235,054.9	808,878,189.9	1,643,135.0
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	5,866,436,653.3	5,864,793,518.3	-1,643,135.0
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}]	117,699,373.3	116,056,238.3	-1,643,135.0
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)	35,034,844.5	36,345,359.2	1,310,514.7
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)	40,850,629.00	42,378,689.00	1,528,060.00
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)	137,237,469.00	135,321,574.00	-1,915,895.00
Total Charges in Rupees (C2 + EE1 + EE2)		694,541,103.00	694,153,268.00	-387,835.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 16.09.2022					
For the month of February-2022 , Financial Year: 2021 -2022 , Period: 01.02.2022 to 28.02.2022					
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	1.300	1.300	1.300	1.477
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	4.270	4.270	4.270	4.852
6	J & K	13.510	13.510	13.510	15.352
7	PUNJAB	10.130	10.130	10.130	11.511
8	MPPMCL	0.160	0.160	0.160	0.182
9	RAJASTHAN	7.470	7.470	7.470	8.489
10	UTTARAKHAND	1.280	1.280	1.280	1.455
11	UTTAR PRADESH	15.940	15.940	15.940	18.114
	Total	100.000	100.000	88.000	100.000

Weighted Avg. % age Capacity Allocations to Discoms of DELHI for FY: 2021 -2022,
Period: 01.02.2022 to 28.02.2022

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: 2021 -2022,
Period: 01.02.2022 to 28.02.2022

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	27.140	2.027	2.304
2	JAIPUR VVNL	40.270	3.009	3.419
3	JODHPUR VVNL	32.590	2.434	2.766
	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 February-2022
As per Final REA dtd. 16.09.2022.

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 03.03.2022				Energy Charges for the month (Rs)				Energy Charges for the month (Rs)				Difference					
		Capacity Charges (inclusive of Incentive) for the month (Rs)	As per REA	Upto Annual Ex-bus Saleable Design Energy for the month (kwh)	In excess of Annual Ex-bus Saleable Design Energy	F = D * (1.166)	E	B	Total	Proport ionate weights and Avg. % capacity Allocat ion (after excluding 12% free power)	J	K	L	M	N = L * (1.166)	O = M * (1.166)	P = N + O	Q = P - H	R = Q - H
1	CHANDIGARH	1,477	1,628,011.00	22,591,771.1	51,821,019	174,095,2	6,042,441.00	302,996,609	263,420,000	1,477	2,638,011.00	22,591,771.1	51,821,019	174,095,2	6,042,441.00	302,996,609	263,420,000	1,00	1,00
2	TIDEL	3,302	17,051,278.00	58,49,361.1	11,581,758.8	3,898,845.3	13,504,333.00	45,307,721.00	5,887,205.00	3,302	17,051,278.00	58,49,361.1	11,581,758.8	3,898,845.3	13,504,333.00	45,307,721.00	5,887,205.00	0.00	0.00
3	BSES RAJDIANI POWER	4,726	24,407,569.00	72,279,910	165,798,83	557,000.2	1,933,141.00	6,94,463.00	842,783.00	4,726	24,407,569.00	72,279,910	165,798,83	557,000.2	1,933,141.00	6,94,463.00	842,783.00	0.00	0.00
4	BSES YAMUNA POWER	2,733	14,114,661.00	41,801,222.2	95,885,48	322,12,624	111,802,500	375,598.00	487,4023.00	2,733	14,114,661.00	41,801,222.2	95,885,48	322,12,624	111,802,500	375,598.00	487,4023.00	0.00	0.00
5	GOHP	25,000	120,113,251.00	3,923,70,643	87,69,945.4	2,94,632,48.9	1,02,27,640.00	3,413,982.00	44,57,862.00	25,000	120,113,251.00	3,923,70,643	87,69,945.4	2,94,632,48.9	1,02,27,640.00	3,413,982.00	44,57,862.00	0.00	0.00
6	HPSRB	2,807	14,496,816.00	40,982,58.7	94,007,6.5	3,15,81,82.2	1,09,61,19.00	3,68,240.00	47,78,560.00	2,807	14,496,816.00	40,982,58.7	94,007,6.5	3,15,81,82.2	1,09,61,19.00	3,68,240.00	47,78,560.00	0.00	0.00
7	HARYANA	4,852	25,059,300.00	74,20,897.3	1,70,21,46.2	57,18,153.1	1,98,470.00	6,65,297.00	8,65,297.00	4,852	25,059,300.00	74,20,897.3	1,70,21,46.2	57,18,153.1	1,98,470.00	6,65,297.00	8,65,297.00	0.00	0.00
8	J&K	15,152	79,285,867.00	234,72,977.2	53,95,481.3	1,89,92,498.9	67,37,733.00	2,10,95,851.00	273,532.00	15,152	79,285,867.00	234,72,977.2	53,95,481.3	1,89,92,498.9	67,37,733.00	2,10,95,851.00	273,532.00	0.00	0.00
9	PUNJAB	11,511	59,448,905.00	17,684,166.7	40,381,16.4	135,660,30.3	47,084,44.00	1,58,17,991.00	202,643.00	11,511	59,448,905.00	17,684,166.7	40,381,16.4	135,660,30.3	47,084,44.00	1,58,17,991.00	202,643.00	0.00	0.00
10	MPTWCL	0,182	939,944.00	27,805.16	6,73,807.7	21,427.09	7,436.00	2,49,840.00	32,408.00	0,182	939,944.00	27,805.16	6,73,807.7	21,427.09	7,436.00	2,49,840.00	32,408.00	0.00	0.00
11	AMBER WNL	2,304	11,899,077.00	35,23,182.1	8,081,661.1	27,15,023.0	94,231,19.00	31,657,17.00	41,000,16.00	2,304	11,899,077.00	35,23,182.1	8,081,661.1	27,15,023.0	94,231,19.00	31,657,17.00	41,000,16.00	0.00	0.00
12	JAIPUR WNL	3,419	17,657,538.00	52,27,651.8	11,991,64.0	40,851,7.8	1,39,820.00	4,697,252.00	6,095,654.00	3,419	17,657,538.00	52,27,651.8	11,991,64.0	40,851,7.8	1,39,820.00	4,697,252.00	6,095,654.00	0.00	0.00
13	JODHPUR WNL	2,766	14,215,000.00	43,05,800.4	97,04,652.0	32,60,228.4	1,13,15,47.00	3,80,14,26.00	49,32,973.00	2,766	14,215,000.00	43,05,800.4	97,04,652.0	32,60,228.4	1,13,15,47.00	3,80,14,26.00	49,32,973.00	0.00	0.00
14	UTTARAKHAND	1,455	7,514,391.00	22,24,412.8	5,10,245.6	17,14,167.2	59,946.00	1,99,871.00	259,665.00	1,455	7,514,391.00	22,24,412.8	5,10,245.6	17,14,167.2	59,946.00	1,99,871.00	259,665.00	0.00	0.00
15	UTTAR PRADESH	38,114	93,550,297.00	277,08,908.5	63,541,53.5	213,46,745.0	74,095,43.00	2,48,903,005.00	32,29,248.00	38,114	93,550,297.00	277,08,908.5	63,541,53.5	213,46,745.0	74,095,43.00	2,48,903,005.00	32,29,248.00	0.00	0.00
TOTAL		100,000	1,645,505.00	15,27,43,178	35,94,444.5	116,093,373.3	10,85,06,929.00	37,23,74,689.00	17,08,898.00	100,000	1,645,505.00	15,27,43,178	35,94,444.5	116,093,373.3	10,85,06,929.00	37,23,74,689.00	17,08,898.00	0.00	3,87,835.00

Prepared By
Signature: _____
Name: Aman Kaloch
Designation: DEPUTY GENERAL MANAGER
Phone: 0177-2660214
Mobile No.: 862840470
Fax: 0177-2660211

Checked By
Signature: _____
Name: Ashok Kumar
Designation: SR.ADDITIONAL GENERAL MANAGER
Phone: 0177-2660212
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Issued By
Signature: _____
Name: Harish Kumar Sharma
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In case of any discrepancy, contact the following
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Name: Harish Kumar Sharma
Designation: CHIEF GENERAL MANAGER
Phone: 0177-2660210
Mobile No.: 9418162544
Fax: 0177-2660211



SJVN LIMITED
Commercial & System Operation Department

Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of February-2022								
		Already Billed As Per Provisional REA dtd. 03.03.2022			As per Final REA dtd. 16.09.2022 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	1.300	734,035.00	9,542.00	1.300	734,035.00	9,542.00	0.00
02	TPDDL	2.905		21,324.00	2.905		21,324.00	0.00
03	BSES RAJDHANI POWER	4.159		30,529.00	4.159		30,529.00	0.00
04	BSES YAMUNA POWER	2.406		17,661.00	2.406		17,661.00	0.00
05	GoHP	34.000		249,572.00	34.000		249,572.00	0.00
06	HPSEB	2.470		18,131.00	2.470		18,131.00	0.00
07	HARYANA	4.270		31,343.00	4.270		31,343.00	0.00
08	J & K	13.510		99,168.00	13.510		99,168.00	0.00
09	PUNJAB	10.130		74,358.00	10.130		74,358.00	0.00
10	MPPMCL	0.160		1,174.00	0.160		1,174.00	0.00
11	AJMER VVNL	2.027		14,879.00	2.027		14,879.00	0.00
12	JAIPUR VVNL	3.009		22,087.00	3.009		22,087.00	0.00
13	JODHPUR VVNL	2.434		17,866.00	2.434		17,866.00	0.00
14	UTTARAKHAND	1.280		9,396.00	1.280		9,396.00	0.00
15	UTTAR PRADESH	15.940		117,005.00	15.940		117,005.00	0.00
	Total	100.000	734,035.00	734,035.00	100.000	734,035.00	734,035.00	0.00



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं.: उक्षेविस/वाणिज्यिक/201/क्षे.ऊ.ले./2022/8795-8833

No.: NRPC/Comm/201/REA/2022/8795-8833

दिनांक: 16 सितम्बर, 2022

Dated: 16 September, 2022

सेवा में,

To,

संलग्न सूची के अनुसार

As per list enclosed

विषय : फ़रवरी, 2022 माह का ए.बी.टी. आधारित अंतिम क्षेत्रीय ऊर्जा लेखा ।

Subject: ABT based Final REA for the month of February, 2022.

फ़रवरी, 2022 माह का अंतिम क्षेत्रीय ऊर्जा लेखा की प्रति इस पत्र के साथ संलग्न कर आपको आवश्यक कार्यवाही हेतु प्रेषित की जा रही है। प्रति हमारी वेबसाइट (<http://164.100.60.165>) पर भी उपलब्ध हैं। उत्तरी क्षेत्र का सभी घटको से अनुरोध हैं कि यदि इस लेखा में कोई त्रुटि हो, हो उसे लेखा जारी होने के 15 दिन के भीतर इस कार्यालय में सूचित कर दें। यदि 15 दिन के भीतर इस सम्बन्ध में किसी भी घटक से सूचना प्राप्त नहीं होती हैं, तो इस लेखा को सही मान कर उससे पूर्णतया अंतिम समझा जायेगा।

Please find enclosed herewith the ABT based Final REA for the month of February, 2022 for further necessary action by the constituents. A copy of this REA is also available on NRPC website (<http://164.100.60.165>). The constituents are requested to intimate the discrepancy/ error, if any, within 15 days from the date of issue of this REA. In case no such communication is received from any constituent within 15 days, the REA will be treated as correct and closed.

अनुलग्नक – यथोपरि ।

Encl.: As above.

-sd/-

(सौमित्र मजूमदार)

(Saumitra Mazumdar)

अधीक्षण अभियंता

Superintending Engineer

Northern Regional Power Committee
Final REA for the Month of FEBRUARY, 2022

Table - C1

WT. AVG. ENTITLEMENTS OF UTILITIES FOR THE MONTH IN CS STATIONS BASED ON GOI ORDERS(%)

Station	BANGLADESH	CHANDIGARH	CHHATTISGARH	DELHI	GURJAT	HIMACHAL PRADESH	HARYANA	J & K	M.P.	ORISSA	PUNJAB	PG-AGRA	PG-BALLIA	PG-BHAWADI	PG-DADRI	PG-KURUKSHETRA	PG-RIHAND	RAJASTHAN	SURRENDERED POWER	UTTARAKHAND	UTTAR PRADESH
ANTA GPP	0.000	2.360	0.000	10.500	0.000	3.580	0.000	16.770	0.240	0.000	4.592	0.000	0.000	0.000	0.000	0.000	0.000	19.810	12.828	5.740	23.580
AURAIYA GPP	0.000	1.910	0.000	10.860	0.000	3.320	5.880	16.420	0.240	0.000	4.919	0.000	0.000	0.000	0.000	0.000	0.000	9.200	7.601	5.770	33.880
BAIRASUL HEP	0.000	0.000	0.000	11.000	0.000	12.000	30.500	0.000	0.000	0	46.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAMERA HEP	0.000	3.900	0.000	7.900	0.000	14.900	15.800	3.900	0.000	0	10.200	0.000	0.000	0.000	0.000	0.000	0.000	19.600	0.000	3.530	20.270
CHAMERA-II HEP	0.000	2.070	0.000	13.330	0.000	15.670	5.670	18.120	0.290	0.000	10.000	0.000	0.000	0.000	0.000	0.000	0.000	9.670	0.000	2.330	22.850
CHAMERA-III HEP	0.000	1.765	0.000	12.734	0.000	13.000	8.738	16.728	0.240	0.000	7.856	0.000	0.000	0.000	0.000	0.000	0.000	10.914	0.000	6.051	21.974
DADRI GPP	0.000	1.820	0.000	10.960	0.000	3.010	4.940	16.940	0.240	0.000	15.900	0.000	0.000	0.000	0.000	0.000	0.000	9.280	0.000	5.420	31.490
DADRI SOLAR	0	0	0	0	0	0	0	0	0	100.000	0	0	0	0	0	0	0	0	0	0	0
DADRI TPS	0.000	0.000	0.000	90.000	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.000
DADRI-II TPS	1.020	0.154	0.000	74.355	0.000	0.180	0.000	1.304	0.230	0	0.460	0.255	0.103	0.103	0.082	0.357	0.000	7.810	0.000	0.257	13.330
DHAULIGANGA HEP	0.000	1.880	0.000	13.210	0.000	3.570	5.710	15.900	0.240	0	10.000	0.000	0.000	0.000	0.000	0.000	0.000	9.650	0.000	18.010	21.830
DULHASTI HEP	0.000	1.630	0.000	12.830	0.000	0.000	5.470	30.980	0.240	0	8.280	0.000	0.000	0.000	0.000	0.000	0.000	10.880	0.000	6.050	23.640
IGSTPS-JHAJJAR	0.000	0.590	0.000	46.200	0.000	0.000	46.200	4.980	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.980	0.930
KOLDAM HEP	0.000	1.330	0.000	0.000	0.000	28.000	9.810	15.660	0.120	0	7.730	0.000	0.000	0.000	0.000	0.000	0.000	10.730	0.000	6.880	19.740
KOTESHWAR	0.000	1.130	0.000	9.860	0.000	0.000	4.210	11.020	0.160	0	6.360	0.000	0.000	0.000	0.000	0.000	0.000	8.360	0.000	18.950	39.950
KISHANGANGA HEP	0.000	1.160	30.300	0.000	0.000	0.000	0.000	22.830	0.240	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.940	43.530
MEJA TPS	0.000	0.810	0.000	0.000	0.000	0.000	0.000	7.800	0.120	0	3.640	0.000	0.000	0.000	0.000	0.000	0.000	5.000	0.000	2.710	79.920
NAPP	0.000	2.270	0.000	10.680	0.000	3.180	6.360	17.030	0.240	0	11.590	0.000	0.000	0.000	0.000	0.000	0.000	10.000	0.000	5.580	33.070
NATHPA JHAKRI HEP	0.000	1.300	0.000	9.470	0.000	36.470	4.270	13.510	0.160	0	10.130	0.000	0.000	0.000	0.000	0.000	0.000	7.470	0.000	1.280	15.940
PARBATI-III	0.000	1.760	0.000	12.730	0.000	13.000	8.740	16.730	0.240	0	7.860	0.000	0.000	0.000	0.000	0.000	0.000	10.910	0.000	6.050	21.980
RAPPB	0.000	0.663	0.000	0.000	0.000	0.000	12.889	7.950	0.000	0	24.604	0.000	0.000	0.000	0.000	0.000	0.000	35.787	0.000	0.000	18.107
RAPPCC	0.000	1.840	0.000	12.690	0.000	3.400	5.670	19.150	0.240	0	10.410	0.000	0.000	0.000	0.000	0.000	0.000	19.940	0.000	5.340	21.320
RAMPUR HEP	0.000	0.710	0.000	0.000	0.000	41.910	4.150	13.110	0.150	0	5.620	0.000	0.000	0.000	0.000	0.000	0.000	7.720	0.000	11.760	14.870

Northern Regional Power Committee
Final REA for the Month of FEBRUARY, 2022

Table - D2

Energy Scheduled To the Beneficiaries from CS Hydro Stations

(All Figs in LUs)

CS Station	State Utilities	Scheduled Energy	Free Energy (Included in Schedule)
KOTESHWAR :-			
	CHANDIGARH	10.136569	
	DELHI	88.453926	
	HARYANA	37.767249	
	J & K	98.860554	
	M.P.	1.435360	
	PUNJAB	57.055560	
	RAJASTHAN	74.997560	
	UTTAR PRADESH	358.392111	
	UTTARAKHAND	170.001111	110.448265
TOTAL KOTESHWAR		897.100000	
KISHANGANGA HEP :-			
	CHANDIGARH	4.861574	
	CHHATTISGARH	126.990923	
	J & K	95.683192	57.419357
	M.P.	1.005810	
	UTTAR PRADESH	182.439575	
	UTTARAKHAND	8.130791	
TOTAL KISHANGANGA HEP		419.111865	
NATHPA JHAKRI HEP :-			
	CHANDIGARH	22.591771	
	DELHI	164.571743	
	HARYANA	74.204973	
	HIMACHAL PRADESH	633.783818	213.806491
	J & K	234.779772	
	M.P.	2.780516	
	PUNJAB	176.041467	
	RAJASTHAN	129.815293	
	UTTAR PRADESH	277.008985	
	UTTARAKHAND	22.244128	
TOTAL NATHPA JHAKRI HEP		1737.822466	



SJVN LIMITED
Commercial & System Operation Department

Provisional Billing for Energy Supplied from NATHPA JHAKRI HPS				
Sr. No.	Month: March,2022	FY: 2021 -2022		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 05.04.2022	As per Final REA dtd. 16.09.2022	
		A	B	C = B - A
A1	Annual Fixed Charges "AFC" in Rs. (as approved by CERC)	13408,946,000.00	13408,946,000.00	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	1.166	1.166	0.000
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.166	1.166	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)})%]	107.260	107.260	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	678,623,287.00	678,623,287.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	257,051,019.8	257,051,019.8	0.0
E2	Free Power to the Home State as per REA in kwh.	31,193,506.4	32,136,843.4	943,337.0
E3	Ex-bus Saleable Scheduled Energy for the month in kwh}. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	225,857,513.4	224,914,176.4	-943,337.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	6,930,722,728.0	6,930,722,728.0	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	838,428,561.3	841,015,033.3	2,586,472.0
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	6,092,294,166.7	6,089,707,694.7	-2,586,472.0
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}]	225,857,513.4	224,914,176.4	-943,337.0
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)	0.0	0.0	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)	0.00	0.00	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)	263,349,861.00	262,249,930.00	-1,099,931.00
Total Charges in Rupees (C2 + EE1 + EE2)		941,973,148.00	940,873,217.00	-1,099,931.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of NATHPA JHAKRI HPS as per Final REA dated 16.09.2022
For the month of March-2022 , Financial Year: 2021 -2022 , Period: 01.03.2022 to 31.03.2022

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	1.369	1.369	1.369	1.556
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	4.444	4.444	4.444	5.050
6	J & K	12.958	12.958	12.958	14.724
7	PUNJAB	10.338	10.338	10.338	11.748
8	MPPMCL	0.160	0.160	0.160	0.182
9	RAJASTHAN	7.470	7.470	7.470	8.489
10	UTTARAKHAND	1.212	1.212	1.212	1.377
11	UTTAR PRADESH	16.109	16.109	16.109	18.306
	Total	100.000	100.000	88.000	100.000

Weighted Avg. % age Capacity Allocations to Discoms of DELHI for FY: 2021 -2022,
Period: 01.03.2022 to 31.03.2022

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: 2021 -2022,
Period: 01.03.2022 to 31.03.2022

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	27.140	2.027	2.304
2	JAIPUR VVNL	40.270	3.009	3.419
3	JODHPUR VVNL	32.590	2.434	2.766
	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 March-2022
As per Final REA dtd. 16.09.2022

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 05.04.2022				Ex-bus Saleable Scheduled Energy for the month (kwh)				Energy Charges for the month (Rs)				Energy Charges for the month (Rs)				Difference	
		Proportional weightage and Avg. capacity Allocation (after excluding 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	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	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	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	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 * (1.166)	G = E * (1.166)	H = F - G	I	J	K = L * (1.166)	M	N = L * (1.166)	O = M * (1.166)	P = N + O	Q = J - B	R = P - H	S = Q - R		
1	CHANDIGARH	1.5%	10,559,378.00	3569907.4	0.0	4162512.00	4162512.00	1.556	10,459,378.00	3569907.4	0.0	0.0	4162512.00	4162512.00	0.00	0.00	0.00		
2	TIDBI	3.302	22,408,141.00	7468350.4	0.0	3708097.00	8208097.00	3.302	22,408,141.00	7468350.4	0.0	0.0	8708097.00	8708097.00	0.00	0.00	0.00		
3	BSES RAJDHANI POWER	4.726	32,071,737.00	10691328.2	0.0	12466089.00	12466089.00	4.726	32,071,737.00	10691328.2	0.0	0.0	12466089.00	12466089.00	0.00	0.00	0.00		
4	BSES YAMUNA POWER	2.733	18,546,774.00	6183054.1	0.0	7209441.00	7209441.00	2.733	18,546,774.00	6183054.1	0.0	0.0	7209441.00	7209441.00	0.00	0.00	0.00		
5	GOHP	25.000	169,655,822.00	5651234.4	0.0	65938728.00	65938728.00	25.000	169,655,822.00	5651234.4	0.0	0.0	65938728.00	65938728.00	0.00	0.00	0.00		
6	HNSEB	2.807	19,048,956.00	6001771.9	0.0	6958066.00	6958066.00	2.807	19,048,956.00	6001771.9	0.0	0.0	6958066.00	6958066.00	0.00	0.00	0.00		
7	HARYANA	5.650	34,270,476.00	11549333.9	0.0	13466523.00	13466523.00	5.650	34,270,476.00	11549333.9	0.0	0.0	13466523.00	13466523.00	0.00	0.00	0.00		
8	J & K	14.724	99,929,492.00	32012289.9	0.0	38325731.00	38325731.00	14.724	99,929,492.00	32012289.9	0.0	0.0	38325731.00	38325731.00	0.00	0.00	0.00		
9	PUNJAB	11.748	29,274,664.00	26723981.5	0.0	31160162.00	31160162.00	11.748	29,274,664.00	26723981.5	0.0	0.0	31160162.00	31160162.00	0.00	0.00	0.00		
10	MPPNCL	0.182	1,235,084.00	411281.6	0.0	479554.00	479554.00	0.182	1,235,084.00	411281.6	0.0	0.0	479554.00	479554.00	0.00	0.00	0.00		
11	AIJMER VVNL	2.304	15,635,481.00	5211344.8	0.0	6076428.00	6076428.00	2.304	15,635,481.00	5211344.8	0.0	0.0	6076428.00	6076428.00	0.00	0.00	0.00		
12	JAIPUR VVNL	3.419	33,202,130.00	7732929.7	0.0	9016130.00	9016130.00	3.419	33,202,130.00	7732929.7	0.0	0.0	9016130.00	9016130.00	0.00	0.00	0.00		
13	JODHPUR VVNL	2.766	18,770,720.00	6257816.2	0.0	7296639.00	7296639.00	2.766	18,770,720.00	6257816.2	0.0	0.0	7296639.00	7296639.00	0.00	0.00	0.00		
14	UTTARAKHAND	1.377	9,344,643.00	3067319.4	0.0	3576494.00	3576494.00	1.377	9,344,643.00	3067319.4	0.0	0.0	3576494.00	3576494.00	0.00	0.00	0.00		
15	UTTAR PRADESH	18.306	124,228,779.00	41525958.0	0.0	48419267.00	48419267.00	18.306	124,228,779.00	41525958.0	0.0	0.0	48419267.00	48419267.00	0.00	0.00	0.00		
	TOTAL	100.000	70623287.00	225857513.4	0	263249861.00	263249861.00	100.000	70623287.00	225857513.4	0	0	263249861.00	263249861.00	0.00	0.00	0.00		

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
Phone: 0177-2660214
Mobile No.: 8628840470
Fax: 0177-2660211

Name: Ashok Kumar
Designation: SR ADDITIONAL GENERAL MANAGER
Phone: 0177-2660212
Mobile No.: 9418023559
Fax: 0177-2660211

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



SJVN LIMITED
Commercial & System Operation Department

Beneficiary wise Breakup of NRLDC Fees & Charges of NATHPA JHAKRI HPS For the month of March-2022								
		Already Billed As Per Provisional REA dtd. 05.04.2022			As per Final REA dtd. 16.09.2022 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	1.369	722,903.00	9,897.00	1.369	722,903.00	9,897.00	0.00
02	TPDDL	2.905		21,000.00	2.905		21,000.00	0.00
03	BSES RAJDHANI POWER	4.159		30,066.00	4.159		30,066.00	0.00
04	BSES YAMUNA POWER	2.406		17,393.00	2.406		17,393.00	0.00
05	GoHP	34.000		245,787.00	34.000		245,787.00	0.00
06	HPSEB	2.470		17,856.00	2.470		17,856.00	0.00
07	HARYANA	4.444		32,126.00	4.444		32,126.00	0.00
08	J & K	12.958		93,673.00	12.958		93,673.00	0.00
09	PUNJAB	10.338		74,734.00	10.338		74,734.00	0.00
10	MPPMCL	0.160		1,157.00	0.160		1,157.00	0.00
11	AJMER VVNL	2.027		14,653.00	2.027		14,653.00	0.00
12	JAIPUR VVNL	3.009		21,752.00	3.009		21,752.00	0.00
13	JODHPUR VVNL	2.434		17,595.00	2.434		17,595.00	0.00
14	UTTARAKHAND	1.212		8,762.00	1.212		8,762.00	0.00
15	UTTAR PRADESH	16.109		116,452.00	16.109		116,452.00	0.00
	Total	100.000	722,903.00	722,903.00	100.000	722,903.00	722,903.00	0.00



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं.: उक्षेविस/वाणिज्यिक/201/क्षे.ऊ.ले./2022/8834-8872

No.: NRPC/Comm/201/REA/2022/8834-8872

दिनांक: 16 सितम्बर, 2022

Dated: 16 September, 2022

सेवा में,

To,

संलग्न सूची के अनुसार

As per list enclosed

विषय : मार्च, 2022 माह का ए.बी.टी. आधारित अंतिम क्षेत्रीय ऊर्जा लेखा ।

Subject: ABT based Final REA for the month of March, 2022.

मार्च, 2022 माह का अंतिम क्षेत्रीय ऊर्जा लेखा की प्रति इस पत्र के साथ संलग्न कर आपको आवश्यक कार्यवाही हेतु प्रेषित की जा रही है। प्रति हमारी वेबसाइट (<http://164.100.60.165>) पर भी उपलब्ध हैं। उत्तरी क्षेत्र का सभी घटकों से अनुरोध है कि यदि इस लेखा में कोई त्रुटि हो, तो उसे लेखा जारी होने के 15 दिन के भीतर इस कार्यालय में सूचित कर दें। यदि 15 दिन के भीतर इस सम्बन्ध में किसी भी घटक से सूचना प्राप्त नहीं होती है, तो इस लेखा को सही मान कर उससे पूर्णतया अंतिम समझा जायेगा।

Please find enclosed herewith the ABT based Final REA for the month of March, 2022 for further necessary action by the constituents. A copy of this REA is also available on NRPC website (<http://164.100.60.165>). The constituents are requested to intimate the discrepancy/ error, if any, within 15 days from the date of issue of this REA. In case no such communication is received from any constituent within 15 days, the REA will be treated as correct and closed.

अनुलग्नक – यथोपरि।

Encl.: As above.

-sd/-

(सौमित्र मजूमदार)
(Saumitra Mazumdar)
अधीक्षण अभियंता
Superintending Engineer

Northern Regional Power Committee
Final REA for the Month of MARCH, 2022

Table - C1

WT. AVG. ENTITLEMENTS OF UTILITIES FOR THE MONTH IN CS STATIONS BASED ON GOI ORDERS(%)

Station	BANGLADESH	CHANDIGARH	CHHATTISGARH	DELHI	GURJAT	HIMACHAL PRADESH	HARYANA	J & K	MP.	ORISSA	PUNJAB	PG-AGRA	PG-BALIA	PG-BHWADI	PG-DADRI	PG-KURUKSHETRA	PG-RIBAND	RAJASTHAN	SURRENDERED POWER	UTTARAKHAND	UTTAR PRADESH
ANTA GPP	0.000	2.465	0.000	10.500	0.000	3.580	0.263	15.939	0.240	0.000	0.315	0.000	0.000	0.000	0.000	0.000	0.000	19.810	17.420	5.635	23.833
AURAIYA GPP	0.000	2.015	0.000	10.860	0.000	3.320	1.779	15.594	0.238	0.000	0.313	0.000	0.000	0.000	0.000	0.000	0.000	9.200	16.883	5.667	34.131
BAIRASUL HEP	0.000	0.000	0.000	11.000	0.000	12.000	30.500	0.000	0.000	0	46.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAMERA HEP	0.000	3.900	0.000	7.900	0.000	14.900	15.800	3.900	0.000	0	10.200	0.000	0.000	0.000	0.000	0.000	0.000	19.600	0.000	3.530	20.270
CHAMERA-II HEP	0.000	2.196	0.000	13.330	0.000	15.670	5.985	17.125	0.288	0.000	10.377	0.000	0.000	0.000	0.000	0.000	0.000	9.670	0.000	2.206	23.153
CHAMERA-III HEP	0.000	1.871	0.000	12.734	0.000	13.000	9.000	15.897	0.240	0.000	8.170	0.000	0.000	0.000	0.000	0.000	0.000	10.914	0.000	5.948	22.226
DADRI GPP	0.000	1.930	0.000	10.960	0.000	3.010	5.211	16.079	0.240	0.000	16.226	0.000	0.000	0.000	0.000	0.000	0.000	9.280	0.000	5.314	31.750
DADRI SOLAR	0	0	0	0	0	0	0	0	0	100.000	0	0	0	0	0	0	0	0	0	0	0
DADRI TPS	0.000	0.000	0.000	72.580	13.295	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.125	0.000	0.000	10.000
DADRI-II TPS	1.020	0.169	0.000	74.355	0.000	0.180	0.036	1.197	0.227	0	0.503	0.255	0.103	0.103	0.082	0.357	0.000	7.812	0.000	0.244	13.357
DHAULIGANGA HEP	0.000	1.986	0.000	13.210	0.000	3.570	5.971	15.069	0.240	0	10.315	0.000	0.000	0.000	0.000	0.000	0.000	9.650	0.000	17.907	22.082
DULHASTI HEP	0.000	1.736	0.000	12.830	0.000	0.000	5.731	30.149	0.240	0	8.595	0.000	0.000	0.000	0.000	0.000	0.000	10.880	0.000	5.947	23.892
IGSTPS-JHAJJAR	0.000	0.643	0.000	46.200	0.000	0.000	46.333	4.559	0.120	0.000	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.928	1.057
KOLDAM HEP	0.000	1.378	0.000	0.000	0.000	28.000	9.931	15.279	0.117	0	7.875	0.000	0.000	0.000	0.000	0.000	0.000	10.730	0.000	6.832	19.858
KOTESHWAR	0.000	1.199	0.000	9.860	0.000	0.000	4.383	10.468	0.160	0	6.568	0.000	0.000	0.000	0.000	0.000	0.000	8.360	0.000	18.882	40.120
KISHANGANGA HEP	0.000	1.266	30.300	0.000	0.000	0.000	0.263	21.998	0.238	0	0.315	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.837	43.783
MEJA TPS	0.000	0.863	0.000	0.000	0.000	0.000	0.131	7.384	0.120	0	3.798	0.000	0.000	0.000	0.000	0.000	0.000	5.000	0.000	2.658	80.046
NAFP	0.000	2.372	0.000	10.680	0.000	3.180	6.615	16.224	0.238	0	11.895	0.000	0.000	0.000	0.000	0.000	0.000	10.000	0.000	5.480	33.316
NATIPA JHAKRI HEP	0.000	1.369	0.000	9.470	0.000	36.470	4.444	12.958	0.160	0	10.338	0.000	0.000	0.000	0.000	0.000	0.000	7.470	0.000	1.212	16.109
PARBATI-III	0.000	1.866	0.000	12.730	0.000	13.000	9.001	15.898	0.240	0	8.175	0.000	0.000	0.000	0.000	0.000	0.000	10.910	0.000	5.947	22.233
RAPPB	0.000	0.663	0.000	0.000	0.000	0.000	12.889	7.950	0.000	0	24.604	0.000	0.000	0.000	0.000	0.000	0.000	35.787	0.000	0.000	18.107
RAPPCC	0.000	2.129	0.000	12.690	0.000	3.400	6.094	17.285	0.263	0	10.920	0.000	0.000	0.000	0.000	0.000	0.000	19.940	0.000	5.367	21.912
RAMPUR HEP	0.000	0.775	0.000	0.000	0.000	41.910	4.310	12.604	0.148	0	5.812	0.000	0.000	0.000	0.000	0.000	0.000	7.720	0.000	11.697	15.024

Northern Regional Power Committee

Final REA for the Month of MARCH, 2022

Table - D2

Energy Scheduled To the Beneficiaries from CS Hydro Stations

(All Figs in LUs)

CS Station	State Utilities	Scheduled Energy	Free Energy (Included in Schedule)
KOTESHWAR :-			
	CHANDIGARH	12.001165	
	DELHI	99.362160	
	HARYANA	43.953809	
	J & K	106.164666	
	M.P.	1.612368	
	PUNJAB	65.934852	
	RAJASTHAN	84.246228	
	UTTAR PRADESH	404.089239	
	UTTARAKHAND	190.365123	124.136098
TOTAL KOTESHWAR		1007.729610	
KISHANGANGA HEP :-			
	CHANDIGARH	19.906991	
	CHHATTISGARH	453.107063	
	HARYANA	6.323567	
	J & K	321.381989	199.893408
	M.P.	3.549990	
	PUNJAB	7.564869	
	UTTAR PRADESH	657.040397	
	UTTARAKHAND	26.527887	
TOTAL KISHANGANGA HEP		1495.402753	
NATHPA JHAKRI HEP :-			
	CHANDIGARH	35.699074	
	DELHI	243.427327	
	HARYANA	115.493339	
	HIMACHAL PRADESH	937.465027	321.368434
	J & K	329.122899	
	M.P.	4.112816	
	PUNJAB	267.239815	
	RAJASTHAN	192.017127	
	UTTAR PRADESH	415.259580	
	UTTARAKHAND	30.673194	
TOTAL NATHPA JHAKRI HEP		2570.510198	