



SJVN LIMITED
Commercial & System Operation Department

Provisional bill for Energy supply from RAMPUR HPS		
Sr.No.	Month: February-2024	(F.Y): 2023-2024
A1	Annual Fixed Charges "AFC" in Rs. (as approved by CERC)	6,733,320,000.00
A2	Annual Design Energy (DE) in MWH	1,878,080.000
A3	Normative Auxiliary Consumption in % (AUX)	1.0
A4	Free Energy for Home State, in % (FEHS)	13.0
A5	Annual Ex-bus Design Energy [DE X (100-AUX)/100] in MWH	1,859,299.200
A6	Annual Ex-bus Saleable Design Energy = [DE X (100-AUX)X(100-FEHS)/10000] in MWH	1,617,590.304
A7	Installed Capacity (IC) in MW	412
A8	Number of Days in the month (NDM)	29
A9	Number of Days in the year(NDY)	366
A10	Number of Days in the month (N)	29
A11	Normative Annual Plant Availability Factor in % (NAPAF)	85.000
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)}]	2.081
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.200
Capacity Charges (inclusive of incentive)		
C1	Plant Availability Factor achieved during the month (PAFM) [PAFM = 10000 X $\frac{\sum DC_i}{N \times IC \times (100-Aux)}$] in%	84.791
C2	Capacity Charge (inclusive of incentive) for the month in Rupees [(AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)]	266,101,304.00
Energy Details		
E1	Ex-bus Scheduled Energy for the month in kwh	46,254,507.7
E2	Free Power to the Home State as per REA in kwh	6,013,086.0
E3	Ex-bus Saleable Scheduled Energy for the month in kwh. [{ Ex bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	40,241,421.7
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh	1,643,584,942.8
E5	Free Power to the Home State (cumulative) up to this month in kwh.	216,550,097.7
E6	Ex-bus Saleable Scheduled Energy (cumulative) up to this month in kwh. [{ Ex-bus Scheduled cummulative Energy in kwh } X (100-FEHS)/100] = E4-E5 kwh	1,427,034,845.1
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
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)	40,241,421.7
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)	83,742,399.00
EE2	Energy Charges for Energy in excess of Annual Exbus 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
Total Charges in Rupees (C2 + EE1 + EE2)		349,843,703.00



SJVN LIMITED
Commercial & System Operation Department

Weighted Avg. %age Capacity Allocations to Beneficiaries of RAMPUR HPS as per Provisional REA dated 06.03.2024 For the month of February-2024 , Financial Year: 2023-2024 , Period: 01.02.2024 to 29.02.2024					
Sr. No.	Name of Beneficiaries	Wtd. Avg. %age Capacity Allocation(Including 13% Free Power)	Wtd. Avg. %age Capacity Allocation of GoHP including 26.1% equity and 13% Free Power after allocating SoR share to HPESB	Wtd. Avg %age Capacity allocation(excluding 13% free power from the share of Go HP)	Proportionate Weighted Avg. %age Capacity Allocation excluding Free Power
		A	B	C	D = C/0.87
1	CHANDIGARH	0.652414	0.652414	0.652414	0.749901
2	GoHP	42.272452	39.100000	26.100000	30.000000
3	HPSEB	0.000000	3.172452	3.172452	3.646497
4	HARYANA	4.150000	4.150000	4.150000	4.770115
5	J & K	13.101066	13.101066	13.101066	15.058697
6	PUNJAB	5.620000	5.620000	5.620000	6.459770
7	MPPMCL	0.222467	0.222467	0.222467	0.255709
8	RAJASTHAN	7.720000	7.720000	7.720000	8.873563
9	UTTARAKHAND	12.501601	12.501601	12.501601	14.369656
10	UTTAR PRADESH	13.760000	13.760000	13.760000	15.816092
	Total	100.000000	100.000000	87.000000	100.000000
.					
Weighted Avg. % age Capacity Allocations to Discoms of RAJASTHAN for FY: 2023-2024, Period: 01.02.2024 to 29.02.2024					
Sr. No.	RAJASTHAN Discoms	%age Share	Weighted Avg. %age Capacity Allocation (inclusive of 13% Free Power)	Weighted Avg. %age Capacity Allocation (exclusive of 13% Free Power)	
1	AJMER VVNL	28.800	2.223360	2.555586	
2	JAIPUR VVNL	37.390	2.886508	3.317825	
3	JODHPUR VVNL	33.810	2.610132	3.000152	
	TOTAL	100.000	7.720000	8.873563	



SJVN LIMITED
Commercial & System Operation Department

Beneficiary wise Breakup of NRLDC Fees & Charges of RAMPUR HPS For the month of February-2024				
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.)
01	CHANDIGARH	0.652414	228,152.00	1,488.00
02	GoHP	39.100000		89,207.00
03	HPSEB	3.172452		7,238.00
04	HARYANA	4.150000		9,468.00
05	J & K	13.101066		29,890.00
06	PUNJAB	5.620000		12,822.00
07	MPPMCL	0.222467		508.00
08	AJMER VVNL	2.223360		5,073.00
09	JAIPUR VVNL	2.886508		6,586.00
10	JODHPUR VVNL	2.610132		5,955.00
11	UTTARAKHAND	12.501601		28,523.00
12	UTTAR PRADESH	13.760000		31,394.00
	TOTAL	100.000000	228,152.00	228,152.00



SJVN LIMITED Commercial & System Operation Department

Beneficiary-wise breakup of Capacity & Energy Charges of RAMPUR HPS for the month of February-2024

Sr. No.	Name of Beneficiaries	Weighted Avg. % capacity Allocation (after excluding of 13% free power)	Capacity Charges (inclusive of Incentive) for the month (Rs)	Ex-bus Saleable Scheduled Energy for the month (kwh)			Energy Charges for the month (Rs)			Total Charges for the month (Rs)
				As per Provisional REA	Upto Annual Ex-bus Saleable Design energy	In excess of Annual Ex-bus saleable Design energy	Upto Annual Ex-bus saleable Design Energy	In excess of Annual Ex-bus saleable Design Energy	Total	
		A	B	C	D	E	F = D * 2.081	G = E * 1.200	H = F + G	I = B + H
1	CHANDIGARH	0.749901	1,995,496.00	301769.2	301769.2	0.0	627,982.00	0.00	627,982.00	2,623,478.00
2	GoHP	30.000000	79,830,391.00	12072426.5	12072426.5	0.0	25,122,720.00	0.00	25,122,720.00	104,953,111.00
3	HPSEB	3.646497	9,703,375.00	1467406.2	1467406.2	0.0	3,053,672.00	0.00	3,053,672.00	12,757,048.00
4	HARYANA	4.770115	12,693,358.00	1919562.7	1919562.7	0.0	3,994,610.00	0.00	3,994,610.00	16,687,948.00
5	J & K	15.058697	40,071,389.00	6059821.1	6059821.1	0.0	12,610,487.00	0.00	12,610,487.00	52,681,876.00
6	PUNJAB	6.459770	17,189,552.00	2599507.4	2599507.4	0.0	5,409,575.00	0.00	5,409,575.00	22,599,107.00
7	MPPMCL	0.255709	680,445.00	102903.1	102903.1	0.0	214,141.00	0.00	214,141.00	894,586.00
8	AJMER VVNL	2.555586	6,800,443.00	1028404.1	1028404.1	0.0	2,140,109.00	0.00	2,140,109.00	8,940,557.00
9	JAIPUR VVNL	3.317825	8,828,775.00	1335139.8	1335139.8	0.0	2,778,426.00	0.00	2,778,426.00	11,607,202.00
10	JODHPUR VVNL	3.009152	7,983,444.00	1207303.5	1207303.5	0.0	2,512,399.00	0.00	2,512,399.00	10,495,843.00
11	UTTARAKHAND	14.369656	38,237,842.00	5782558.9	5782558.9	0.0	12,033,505.00	0.00	12,033,505.00	50,271,347.00
12	UTTAR.PRADESH	15.816092	42,086,827.00	6364619.2	6364619.2	0.0	13,244,773.00	0.00	13,244,773.00	55,331,600.00
	TOTAL	100.000000	266101304.00	40241421.7	40241421.7	0.0	83742399.00	0.00	83742399.00	349843703.00

Prepared by

Signature:

Name:

Designation:

In case of any discrepancy, contact the following

Name: Aman Katoch

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Phone: 0177-2660214

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Checked by

Signature:

Name:

Designation:

Name: Ashok Kumar

Designation: GENERAL MANAGER

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Issued by

Signature:

Name:

Designation:

Name: Harish Kumar Sharma

Designation: CHIEF GENERAL MANAGER

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I/34266/2024



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

दिनांक: 06 March, 2024

सेवा में/To,

संलग्न सूची के अनुसार/As per list enclosed

विषय : फरवरी 2024 माह का ए.बी.टी. आधारित अस्थायी क्षेत्रीय ऊर्जा लेखा।**Subject: ABT based Provisional REA for the month of February, 2024.**

फरवरी 2024 माह के ए.बी.टी. आधारित प्रोविजनल क्षेत्रीय ऊर्जा लेखा की प्रति इस पत्र के साथ संलग्न कर आपको आवश्यक कार्यवाही हेतु प्रेषित की जा रही है। महीने के लिए डेटा उत्तर क्षेत्रीय भार प्रेषण केंद्र द्वारा दिए गए अनुसूचित आंकड़ों व 18 फरवरी, 2023 तक के प्रसंस्कृत शिड्यूल/ मीटर डेटा से लिया गया है।

Please find enclosed herewith the ABT based Provisional REA for the month of February, 2024 for further necessary action by the constituents. The data has been taken as per schedule given by NRLDC for the month and processed schedule/ meter data upto 18th February, 2023.

अनुलग्नक-यथोपरि।

Encl.: As above.

Signed by Anzum Parwej

Date: 06-03-2024 14:06:41

Reason: Approved

(अंजुम परवेज)/(Anzum Parwej)
अधीक्षण अभियंता (वाणिज्य) /
Superintending Engineer (Commercial)

Northern Regional Power Committee
Provisional REA for the Month of FEBRUARY, 2024
Table - C1

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

Station	ASSAM	BANGLADESH	CHANDIGARH	CHHATTISGARH	DELHI	GURJAT	HIMACHAL PRADESH	HARYANA	J & K	M.P.	ORISSA	PUNJAB	PG-AGRA	PG-BALIA	PG-BHIVADI	PG-DADRI	PG-KURUKSHETRA	PG-RIHAND	RAJASTHAN	SURRENDERED POWER	UTTARAKHAND	UTTAR PRADESH	
ANTA GPP	0.00000	0.00000	2.263556	0.000000	10.500000	0.000000	0.596420	0.000000	16.761929	0.366071	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	40.810000	6.952024	21.750000	
AURAI YA GPP	0.00000	0.000000	1.815704	0.000000	10.860000	0.000000	0.592058	0.000000	16.409947	0.363394	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	30.520000	6.978897	32.060000	
BAIRA SIUL HEP	0.00000	0.000000	0.000000	0.000000	11.000000	0.000000	12.000000	30.500000	0.000000	0.000000	0	46.500000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
CHAME RA HEP	0.00000	0.000000	3.900000	0.000000	7.900000	0.000000	14.900000	15.800000	3.900000	0.000000	0	10.200000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	19.600000	0.000000	3.530000	20.270000
CHAME RA-II HEP	0.00000	0.000000	1.954841	0.000000	13.330000	0.000000	16.383801	5.670000	18.108905	0.438116	0.000000	10.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	9.670000	0.000000	3.784337	20.660000
CHAME RA-III HEP	0.00000	0.000000	1.671701	0.000000	12.734000	0.000000	13.594834	8.738000	16.717754	0.565096	0.000000	7.856000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	10.914000	0.000000	7.264615	20.144000
DADRI GPP	0.00000	0.000000	1.719246	0.000000	10.960000	0.000000	0.616248	0.000000	16.919121	0.378240	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	33.130000	6.677145	29.600000	
DADRI SOLAR	0	0	0	0	0	0	0	0	0	0	100.000000	0	0	0	0	0	0	0	0	0	0	0	0
DADRI TPS	21.310000	0.000000	0.000000	0.000000	0.000000	68.690000	0.000000	0.000000	0.000000	0.000000	0	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	10.000000
DADRI-II TPS	0.00000	1.620408	0.257259	0.000000	74.355000	0.000000	0.327601	0.000000	2.358448	0.087722	0	0.455542	0.255102	0.103000	0.103000	0.082000	0.357000	0.000000	7.818082	0.000000	0.000000	0.757724	11.662112
DHAUL IGANG A HEP	0.00000	0.000000	1.790701	0.000000	13.210000	0.000000	4.164834	5.710000	15.885754	0.365096	0	10.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	9.650000	0.000000	0.000000	19.223615	20.000000
DULHA STI HEP	0.00000	0.000000	1.540701	0.000000	12.830000	0.000000	0.594834	5.470000	30.965754	0.365096	0	8.280000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	10.880000	0.000000	0.000000	7.263615	21.810000

IGSTPS - JHAJJA R	0.00000 0	0.000000	0.542489	0.000000	0.000000	46.200000	4.973315	0.184981	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.597832	0.000000	0.000000	
KOLDA M HEP	0.00000 0	0.000000	1.286092	0.000000	0.000000	9.810000	15.657967	0.169161	0	7.730000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	7.441174	0.000000	0.000000	18.900000
KOTES HWAR	0.00000 0	0.000000	1.066663	0.000000	0.000000	4.210000	10.998398	0.240964	0	6.360000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	19.751385	0.000000	0.000000	38.760000
KISHA NGANG A HEP	0.00000 0	0.000000	1.070701	0.000000	0.000000	30.300000	22.815754	0.365096	0	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	3.153615	0.000000	0.000000	41.700000
MEJA TPS	0.00000 0	0.000000	0.765351	0.000000	0.000000	0.000000	7.787877	0.182548	0	3.640000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	3.316807	0.000000	0.000000	79.010000
NAAPP	0.00000 0	0.000000	2.178580	0.000000	0.000000	10.680000	17.021281	0.354144	0	11.590000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	6.759006	0.000000	0.000000	31.300000
NATHP A- JHAKRI HEP	0.00000 0	0.000000	1.238804	0.000000	0.000000	9.470000	13.498029	0.241694	0	10.130000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	2.087693	0.000000	0.000000	14.730000
PARBA TI-III	0.00000 0	0.000000	1.670701	0.000000	0.000000	12.730000	16.715754	0.365096	0	7.860000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	7.263615	0.000000	0.000000	20.150000
RAPPB	0.00000 0	0.000000	0.660000	0.000000	0.000000	0.000000	7.950000	0.000000	0	24.600000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	18.110000
RAPPC	0.00000 0	0.000000	1.750667	0.000000	0.000000	12.690000	19.135653	0.365141	0	10.410000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	6.553724	0.000000	0.000000	19.490000
RAMPFU R HEP	0.00000 0	0.000000	0.652414	0.000000	0.000000	4.150000	13.101066	0.222467	0	5.620000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	12.501601	0.000000	0.000000	13.760000

Date: 11/03/2019

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Northern Regional Power Committee
Provisional REA for the Month of FEBRUARY, 2024

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	8.571842	
	DELHI	79.234824	
	HARYANA	33.831013	
	HIMACHAL PRADESH	3.154408	
	J & K	88.383153	
	M.P.	1.936224	
	PUNJAB	51.109059	
	RAJASTHAN	67.181089	
	UTTAR PRADESH	311.475945	
	UTTARAKHAND	158.722837	96.432047
TOTAL KOTESHWAR		803.600394	
KISHANGANGA HEP :-			
	CHANDIGARH	0.942506	
	CHHATTISGARH	26.672808	
	HIMACHAL PRADESH	0.523564	
	J & K	20.084454	11.443762
	M.P.	0.321420	
	UTTAR PRADESH	36.708144	
	UTTARAKHAND	2.776040	
TOTAL KISHANGANGA HEP		88.028936	
NATHPA JHAKRI HEP :-			
	CHANDIGARH	20.653816	
	DELHI	157.888048	
	HARYANA	71.191308	
	HIMACHAL PRADESH	614.609498	200.069379
	J & K	225.045206	
	M.P.	4.029540	
	PUNJAB	168.891972	
	RAJASTHAN	124.543148	
	UTTAR PRADESH	245.585242	
	UTTARAKHAND	34.807047	
TOTAL NATHPA JHAKRI HEP		1667.244825	

Northern Regional Power Committee
Provisional REA for the Month of FEBRUARY, 2024

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)
RAMPUR HEP :-			
	CHANDIGARH	3.017692	
	HARYANA	19.195627	
	HIMACHAL PRADESH	195.529187	60.130860
	J & K	60.598211	
	M.P.	1.029031	
	PUNJAB	25.995074	
	RAJASTHAN	35.708474	
	UTTAR PRADESH	63.646192	
	UTTARAKHAND	57.825589	
TOTAL RAMPUR HEP		462.545077	
SEWA-II HEP :-			
	CHANDIGARH	5.353023	
	DELHI	37.540068	
	HARYANA	16.418465	
	HIMACHAL PRADESH	1.675135	
	J & K	81.630244	36.610770
	M.P.	1.028005	
	PUNJAB	23.459002	
	RAJASTHAN	30.527931	
	UTTAR PRADESH	63.364726	
	UTTARAKHAND	20.624711	
TOTAL SEWA-II HEP		281.621310	
SINGRAULI SHEP :-			
	CHANDIGARH	0.304168	
	DELHI	5.440028	
	HIMACHAL PRADESH	0.169004	
	J & K	2.791436	
	M.P.	0.103246	
	RAJASTHAN	6.645846	
	UTTAR PRADESH	12.086512	0.000000
	UTTARAKHAND	0.896754	
TOTAL SINGRAULI SHEP		28.436994	