



SJVN LIMITED

Commercial & System Operation Department

Provisional Billing for Energy Supplied from RAMPUR HPS

Sr. No.	Month: April,2022	FY: 2022-2023		Differential Amount/Energy to be billed
	Description	Already Billed As Per Provisional REA dtd. 04.05.2022	As per Amendment REA dtd. 04.05.2022	
		A	B	
A1	Annual Fixed Charges "AFC" in Rs. (as approved by CERC)	6,743,892,000.00	6,743,892,000.00	0.00
A2	Annual Design Energy (DE)in MWH	1,878,080.000	1,878,080.000	0.000
A3	Normative Auxiliary Consumption in % (AUX)	1.000	1.000	0.000
A4	Free Energy for Home State, in % (FEHS)	13.000	13.000	0.000
A5	Annual Ex-bus Design Energy [DE X (100-AUX)/100] in MWH	1,859,299.200	1,859,299.200	0.000
A6	Annual Ex-bus Saleable Design Energy = [DE X (100-AUX) X (100-FEHS) / 10000] in MWH	1,617,590.304	1,617,590.304	0.000
A7	Installed Capacity (IC) in MW	412	412	
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)	85.000	85.000	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	2.085	2.085	0.000
A13	Energy Charge Rate for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs/kwh.	1.200	1.200	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)}%]	110.199	110.199	0.000
C2	Capacity Charge (inclusive of incentive) for the month (AFC X 0.5 X NDM / NDY X (PAFM /NAPAF)	359,308,697.00	359,308,697.00	0.00
Energy Details				
E1	Ex-bus Scheduled Energy for the month in kwh.	111,509,248.4	111,509,248.4	0.0
E2	Free Power to the Home State as per REA in kwh.	15,167,687.1	15,167,687.1	0.0
E3	Ex-bus Saleable Scheduled Energy for the month in kwh}. [{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E1-E2	96,341,561.3	96,341,561.3	0.0
E4	Ex-bus Scheduled Energy (cumulative) up to this month in kwh.	111,509,248.4	111,509,248.4	0.0
E5	Free Power to the Home State (cumulative) up to this month in kwh..	15,167,687.1	15,167,687.1	0.0
E6	Ex-bus Saleable Scheduled Energy (cumulative) up to this month in kwh.}[{ Ex -bus Scheduled Energy in kwh } X (100-FEHS)/100] = E4-E5 kWh	96,341,561.3	96,341,561.3	0.0
E7	Energy in excess of Annual Ex-bus Saleable Design Energy for this month in Kwh. [{Ex-bus Saleable Scheduled Energy cumulative upto the month in Kwh} - {Annual Ex-bus Saleable Design Energy in Kwh}]	0.0	0.0	0.0
E8	Energy upto annual Ex-bus Saleable Design Energy for the month in Kwh. [{Ex-bus Saleable Scheduled Energy during the month in Kwh} - {Energy in excess of Annual Ex-bus Saleable Design Energy in Kwh}](E3-E7)	96,341,561.3	96,341,561.3	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)	200,872,155.00	200,872,155.00	0.00
EE2	Energy Charges for Energy in excess of Annual Ex-bus Saleable Design Energy in Rs. [{Ex -bus Saleable Scheduled Energy in excess of Annual Ex -bus Saleable Design Energy in kwh } X Energy Charge Rate (Rs./kwh)] (E7*A13)	0.00	0.00	0.00
Total Charges in Rupees (C2 + EE1 + EE2)		560,180,852.00	560,180,852.00	0.00



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Weighted Avg. %age Capacity Allocations to Beneficiaries of RAMPUR HPS as per Amendment REA dated 04.05.2022					
For the month of April-2022 , Financial Year: 2022-2023 , Period: 01.04.2022 to 30.04.2022					
Sr. No.	Name of Beneficiaries	Wtd. Avg. %age Capacity Allocation(Including 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% freepower from the share of Go HP)	Proportionate Weighted Avg. %age Capacity Allocation excluding Free Power
		A	B	C	D = C/0.87
1	CHANDIGARH	1.110	1.110	1.110	1.276
2	GoHP	41.910	39.100	26.100	30.000
3	HPSEB	0.000	2.810	2.810	3.230
4	HARYANA	5.140	5.140	5.140	5.908
5	J & K	10.071	10.071	10.071	11.576
6	PUNJAB	6.709	6.709	6.709	7.711
7	MPPMCL	0.140	0.140	0.140	0.161
8	RAJASTHAN	7.720	7.720	7.720	8.874
9	UTTARAKHAND	11.370	11.370	11.370	13.069
10	UTTAR PRADESH	15.830	15.830	15.830	18.195
	Total	100.000	100.000	87.000	100.000

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 13% Free Power)	Weighted Avg. %age Capacity Allocation (exclusive of 13% Free Power)
1	AJMER VVNL	26.640	2.057	2.364
2	JAIPUR VVNL	39.280	3.032	3.486
3	JODHPUR VVNL	34.080	2.631	3.024
	TOTAL	100.000	7.720	8.874



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

Sr. No.	Name of Beneficiaries	Already Billed As Per Provisional REA dtd. 04.05.2022					As per Amendment REA dtd. 04.05.2022					Energy Charges for the month (Rs)			Difference			
		Proportional weightage (13% free power)	Capacity Charges (inclusive of Incentive) for the month (Rs)	Ex-bus Saleable Scheduled Energy for the month (kwh)	In excess of Annual Ex-bus saleable Design Energy	Total	As per REA	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus saleable Design energy	Total	Upto Annual Ex-bus Saleable Design Energy	In excess of Annual Ex-bus saleable Design energy	Total	Differential Amount of account of Capacity charges Receivable (+) / Payable (-) from/to the Beneficiaries in Rs.	Differential Amount of 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 * (2.085)	G = E * (1.200)	H = F + G	I	J	K	L	M	N = L * (2.085)	O = M * (1.200)	P = N + O	Q = J - B	R = P - I	S = O - R
1	CHANDIGARH	1.276	4,584,779.00	1237732.3	0.00	2580672.00	1,276	4,584,779.00	1237732.3	29103913.8	1237732.3	0.00	2580672.00	0.00	2580672.00	0.00	0.00	0.00
2	GOHP	30.000	1,07,792,659.00	29,039,13.8	0.00	60681660.00	30.000	1,07,792,659.00	29,039,13.8	2461905.4	29,039,13.8	0.00	60681660.00	0.00	60681660.00	0.00	0.00	0.00
3	HARSEB	3.230	11,605,671.00	246,1905.4	0.00	5133073.00	3.230	11,605,671.00	246,1905.4	5731598.3	246,1905.4	0.00	5133073.00	0.00	5133073.00	0.00	0.00	0.00
4	HARYANA	5.908	21,227,955.00	573,1598.3	0.00	11950382.00	5.908	21,227,955.00	573,1598.3	41,593,574.00	11253369.7	0.00	11950382.00	0.00	11950382.00	0.00	0.00	0.00
5	J&K	11.576	41,593,574.00	11,253,369.7	0.00	23,463,276.00	11.576	41,593,574.00	11,253,369.7	7457921.6	11,253,369.7	0.00	23,463,276.00	0.00	23,463,276.00	0.00	0.00	0.00
6	KUNJAB	7.711	27,706,294.00	7,457,921.6	0.00	15,549,677.00	7.711	27,706,294.00	7,457,921.6	156090.1	7,457,921.6	0.00	15,549,677.00	0.00	15,549,677.00	0.00	0.00	0.00
7	MPP/MCL	0.161	578,487.00	156,090.1	0.00	325,448.00	0.161	578,487.00	156,090.1	156090.1	156,090.1	0.00	325,448.00	0.00	325,448.00	0.00	0.00	0.00
8	AJMER VVNL	7.408	2,652,133.00	233,675.7	0.00	487,129.00	7.408	2,652,133.00	233,675.7	2,933,008.2	233,675.7	0.00	487,129.00	0.00	487,129.00	0.00	0.00	0.00
9	JAIPUR VVNL	15.74	12,841,692.00	3,466,648.6	0.00	723,7962.00	15.74	12,841,692.00	3,466,648.6	3,818,424.3	3,818,424.3	0.00	723,7962.00	0.00	723,7962.00	0.00	0.00	0.00
10	JODHPUR VVNL	2.892	10,391,208.00	2,805,514.8	0.00	584,048.00	2.892	10,391,208.00	2,805,514.8	12,535,801.00	2,805,514.8	0.00	584,048.00	0.00	584,048.00	0.00	0.00	0.00
11	UTTARAKHAND	13.069	66,938,054.00	12,678,622.1	0.00	3,643,4927.00	13.069	66,938,054.00	12,678,622.1	66,938,054.00	12,678,622.1	0.00	3,643,4927.00	0.00	3,643,4927.00	0.00	0.00	0.00
12	UTTAR PRADESH	18.195	65,376,231.00	17,651,893.9	0.00	3,680,4199.00	18.195	65,376,231.00	17,651,893.9	17,651,893.9	17,651,893.9	0.00	3,680,4199.00	0.00	3,680,4199.00	0.00	0.00	0.00
	TOTAL	100.000	359,108,697.00	86,341,561.3	0.00	20,877,155.00	100.000	359,108,697.00	86,341,561.3	20,877,155.00	86,341,561.3	0.00	20,877,155.00	0.00	20,877,155.00	0.00	0.00	0.00

Prepared By

Signature: _____
Name: _____
Designation: _____

Checked By

Signature: _____
Name: _____
Designation: _____

Issued By

Signature: _____
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In case of any discrepancy, contact the following

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Beneficiary wise Breakup of NRLDC Fees & Charges of RAMPUR HPS For the month of April-2022								
		Already Billed As Per Provisional REA dtd. 04.05.2022			As per Amendment REA dtd. 04.05.2022 or Change in NRLDC fee & charges			
Sr. No.	Name of Beneficiaries	Wtd. Avg. %age Capacity Allocation as per REA	NRLDC Fees & Charges issued by POSOCO(Rs.)	Amount Payble by Beneficiaries(Rs.)	Wtd. Avg. %age Capacity Allocation as per REA	NRLDC Fees & Charges issued by POSOCO(Rs.)	Amount Payble by Beneficiaries(Rs.)	Total charges for the month Recievable (+)/ Payable (-) from/ to the Beneficiaries in Rs.)
		A	B	C=(A*B)/100	D	E	F=(D*E)/100	G=F-C
01	CHANDIGARH	1.110	203,955.00	2,264.00	1.110	203,955.00	2,264.00	0.00
02	GoHP	39.100		79,746.00	39.100		79,746.00	0.00
03	HPSEB	2.810		5,731.00	2.810		5,731.00	0.00
04	HARYANA	5.140		10,483.00	5.140		10,483.00	0.00
05	J & K	10.071		20,540.00	10.071		20,541.00	1.00
06	PUNJAB	6.709		13,683.00	6.709		13,683.00	0.00
07	MPPMCL	0.140		286.00	0.140		286.00	0.00
08	AJMER VVNL	2.095		4,273.00	2.057		4,195.00	-78.00
09	JAIPUR VVNL	3.109		6,341.00	3.032		6,184.00	-157.00
10	JODHPUR VVNL	2.516		5,132.00	2.631		5,366.00	234.00
11	UTTARAKHAND	11.370		23,190.00	11.370		23,190.00	0.00
12	UTTAR PRADESH	15.830		32,286.00	15.830		32,286.00	0.00
	Total	100.000	203,955.00	203,955.00	100.000	203,955.00	203,955.00	0.00