



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.
OFFICE OF THE SUPERINTENDING ENGINEER (ENERGY ACCOUNT),
SLDC BUILDING, AJMER ROAD, HEERAPURA, JAIPUR.
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No. RVPN/SE(EA)/XEN-I/F.1/D. 1708

Dated:- 23/12/20

The Superintending Engineer (RUVNL),
Jaipur /Ajmer/ Jodhpur Discom,
Heerapura, Jaipur.

Subject :- Provisional Energy Account of generating stations and Discoms for the month of Nov' 2020.

Provisional energy account of the generators supplying energy to Rajasthan Grid system at interconnection points of RVPN system and Distribution Companies receiving energy at the interface points have been prepared and enclosed herewith at Annexure-I. The Deviation account for the aforesaid period has also been prepared and enclosed at Annexure-II.

Kindly note that the above accounts have been prepared on the basis of RE & Deviation accounts and the actual readings of interface meters within the State installed at interface points i.e. at the LV mains of EHV transformers installed at RVPN Grid(s). The final figures shall be subjected to reconciliation in the Commercial Engineers Committee meeting.

Based on the above figures within state transmission losses have been provisionally determined as under:

S.No.	Particulars.	Losses	
		LUs	Percentage
1	Transmission losses within State	2329.09961	3.26%

The figures of above account may kindly be verified at your end for reconciliation.

Encls.:- As above

Pirankh
(Surendra Vashistha)
Superintending Engineer (EA)
RVPN, Jaipur.

Copy submitted/ forwarded to the following for information.

1. The Chief Engineer (RUVNL), Vidyut Bhawan, Jaipur.
2. The Chief Engineer (LD), RVPN, Jaipur.
3. The Chief Engineer (Comml), Jaipur/Ajmer/Jodhpur Discom, Jaipur/Ajmer/Jodhpur.
4. The Chief Engineer (C & F), RVUN, Jaipur
5. The Superintending Engineer (MIS)/(NPP&R)/(QC & Insp.), RVPN, Jaipur.
6. The Superintending Engineer (M&P), AVVNL, opp. 220 Kv Madar, Ajmer
7. T.A. to CMD (RVPNL), Jaipur
8. T.A. to Director (Operation/Tech.), RVPNL for kind perusal of The Director (Operation/ Technical)
9. The CAO (ATR), JVVNL, Jaipur.
10. The Sr. Account Officer (RUVNL), Vidyut Bhawan, Jaipur.

Encls.:- As above

Pirankh
Superintending Engineer (EA)
RVPN, Jaipur.



OFFICE OF THE SUPERINTENDING ENGINEER (ENERGY ACCOUNTING)

R. V. P. N., SLDC BUILDING, HEERAPURA

RGY ACCOUNT OF GENERATING STATIONS AND DISCOMS FOR THE MONTH OF

Nov-20

(PROVISIONAL)

Nov-20		REVISION- 0								
Sr. No.	Name of Power Station	Ex-Generator (LU) / Net sent out (LU)	Discomwise Allocation (%)				Discomwise Energy (LU)			
			Jaipur	Ajmer	Jodhpur	Railway	Jaipur	Ajmer	Jodhpur	Railway
1	Purchase from Central Station as per ISGS Lines	24006.29548	40.27%	27.14%	32.59%		9,667.33519	6,515.30859	7,823.65170	
	Total Outside Purchases (1)	24,006.29548	40.27%	27.14%	32.59%		9,667.33519	6,515.30859	7,823.65170	
2	Within State Purchase									
A.	RAPP-A									
1	RAPP-Unit 2	-	40.27%	27.14%	32.59%		-	-	-	
	Total RAPP-A	-	40.27%	27.14%	32.59%		-	-	-	
	Energy Availed from RVPN share of Chambal - Satpura complex									
1	Chambal (RPS+JS+GS)	427.27000	40.27%	27.14%	32.59%		172.06163	115.96108	139.24729	
	Chambal+Satpura TOTAL	427.27000	40.27%	27.14%	32.59%		172.06163	115.96108	139.24729	
C1.	Generating Stations of RVUN									
1	Kota TPS	5,638.29824	40.27%	27.14%	32.59%		2,270.54270	1,530.23414	1,837.52140	
2	Suratgarh TPS	623.70512	40.27%	27.14%	32.59%		251.16605	169.27357	203.26550	
3	Ramgarh GTPS(firm power)	335.68020	40.27%	27.14%	32.59%		135.17842	91.10361	109.39418	
4	Mahi - I & Mahi - II	153.88000	40.27%	27.14%	32.59%		61.96748	41.76303	50.14949	
5	STPS MMH	-	40.27%	27.14%	32.59%		-	-	-	
6	Mini Micro Hydel	22.21000	40.27%	27.14%	32.59%		8.94397	6.02779	7.23824	
7	Mangrol	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
8	Dholpur Combined Cycle Power Project(DCCPP)	(1.52420)	40.27%	27.14%	32.59%		-0.61380	-0.41367	-0.49674	
9	Giral Lignite Thermal Power Station (unit - I)	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
10	Giral Lignite Thermal Power Station (unit - II)	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
11	CHHABRA TPS	5,039.71020	40.27%	27.14%	32.59%		2029.49130	1367.77735	1642.44155	
12	Chhabra Super Critical TPS	6,094.21891	40.27%	27.14%	32.59%		2454.14196	1653.97101	1986.10594	
13	Chhabra Super Critical TPS infirm power	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
14	Kalisindh TPP	5,869.07691	40.27%	27.14%	32.59%		2363.47727	1592.86747	1912.73216	
15	Suratgarh Infirm Power	827.33000	40.27%	27.14%	32.59%		333.16579	224.53736	269.62685	
	RVUN Total	24,602.58538	40.27%	27.14%	32.59%		9,907.46113	6,677.14167	8,017.98258	
C2.	Other Thermal Generating Stations in Rajasthan									
1	RAJWEST	5,191.54293	40.27%	27.14%	32.59%		2090.63434	1408.98475	1691.92384	
2	Adani power at Kawai	7,689.22546	40.27%	27.14%	32.59%		3,096.45	2,086.86	2,505.92	
3	Barsingar	676.29344	40.27%	27.14%	32.59%		272.34	183.55	220.40	
4	V.S.Lignite	574.11200	40.27%	27.14%	32.59%		231.19490	155.81400	187.10310	
	Total (Other thermal Generators IPP)	14,131.17383	40.27%	27.14%	32.59%		5,690.62370	3,835.20058	4,605.34955	
D.	Wind farm , Bio-Mass and Solar Generators									
1	Wind farm injection at 220 /132/ 33 kv	2,609.44479	28.33%	18.84%	52.82%		739.36306	491.73419	1,378.34754	
2	Bio-Mass	361.75256	40.27%	27.14%	32.59%		145.67776	98.17964	117.89516	
3	Solar Power Plant (SPV & solar thermal)	4,453.66995	37.74%	25.46%	36.80%		1680.81965	1133.99389	1638.85641	
	WBA energy against Wind Farms	-	-	-	-		-	-	-	
	Total Renewable energy	7,424.86730	34.56%	23.22%	42.22%		2,565.86047	1,723.90772	3,135.09911	
E.	Energy injection by CPPs									
1	Binani	-	0.00%	0.00%	100.00%		-	-	0.00000	
2	Ambuja Cement	1,42000	0.00%	0.00%	100.00%		-	-	1,42000	
3	Aditya Cement (i.e.Grasim Industries)	0.32141	0.00%	100.00%	0.00%		-	0.32141	-	
4	J.K.Laksmi cement	9.80153	0.00%	0.00%	100.00%		-	-	9.80153	
5	HZL	426.75360	0.00%	100.00%	0.00%		-	426.75360	-	
6	BIRLA WHITE CEMENT	0.01920	0.00%	0.00%	100.00%		-	-	0.01920	
7	Shree Cement Ltd.	183.16125	100.00%	0.00%	0.00%		183.16125	-	-	
8	Grasim cement , Kotputli (TCC - Jaipur Rural)	-	0.00%	100.00%	0.00%		-	-	-	
9	CCW, Chittorgarh	1.25085	0.00%	100.00%	0.00%		-	1.25085	-	
10	Nuvoco, Nimbahera	0.54260	0.00%	100.00%	0.00%		-	0.54260	-	
11	J.K.Cement , Nimbahera	0.90604	0.00%	100.00%	0.00%		-	0.90604	-	
12	J.K. white Cement , Gotan	0.00000	0.00%	100.00%	0.00%		-	-	-	
13	SFC Kota	0.26900	100.00%	0.00%	0.00%		0.26900	-	-	
13	SVC12 Kota	0.50800	100.00%	0.00%	0.00%		0.50800	-	-	
15	Wonder cement , Nimbahera	0.05519	0.00%	100.00%	0.00%		-	0.05519	-	
	Sidhidata cement (Nirma) at Nimbol (at 132 kv	-	-	-	-		-	-	-	
16	Borunda (TCC - Kakani)	0.03900	0.00%	0.00%	100.00%		-	-	0.03900	
17	Manglam Kota	0.00260	0.00%	0.00%	100.00%		-	-	0.00260	
18	Ultra Tech LTd.	0.00000	0.00%	0.00%	100.00%		-	-	-	
19	RSWM Industries	182.35000	0.00%	100.00%	0.00%		-	182.35000	-	
	CPP Total	807.40027	22.78%	75.82%	1.40%		183.93825	612.17969	11,28233	
G.	Sale to IEX by CPP									
1	Shri Cement Ltd.	0.00000	40.27%	27.14%	32.59%		-	-	-	
2	Aditya Cement	-	40.27%	27.14%	32.59%		-	-	-	
3	HZL	-	40.27%	27.14%	32.59%		-	-	-	
	Total Intra state Open Access by CPP	-	0.00%	0.00%	0.00%		-	-	-	
	Total Within State Purchase (A to G)	47,393.29678	39.08%	27.35%	33.57%		18,519.94518	12,964.39074	15,908.96086	
	Purchase from Central Station as per ISGS Lines	24,006.29548	40.27%	27.14%	32.59%		9,667.33519	6,515.30859	7,823.65170	
	TOTAL ENERGY AVAILED BY RAJASTHAN (LU)	71,399.59226	39.48%	27.28%	33.24%		28,187.28037	19,479.69934	23,732.61256	

TRANSMISSION LOSS		Within State								
Loss (%)		3.26%								
Loss (LU)		2329.09961								
Net Flow within State Transmission System		71,399.59226								
NET AVAILABILITY TO DISCOMs (LU)		69,070.49265	39.48%	27.28%	33.24%	27,267.794	18,844.259	22,958.440		
DISCOMs - ACTUAL DRAWAL		Discomwise Drawal (%)				Discomwise Energy (LU)				
ENERGY DRAWAL (LU)		TOTAL	Jaipur	Ajmer	Jodhpur	Railway	Jaipur	Ajmer	Jodhpur	Railway
Gross actual drawl by discom		69070.49265	37.41%	28.13%	34.20%	0.26%	25840.75799	19430.64653	23619.20047	179.88766
Aux Consumption		-29.80733	34.27%	29.88%	35.85%	-	-10.21492	-8.90682	-10.68559	-
Direct Wind Farm inunction at 33 kV		-	0.00%	0.00%	0.00%	-	-	-	-	-
Net Actual Drawal (LU)		69,040.68532	37.41%	28.13%	34.20%	0.26%	25,830.54307	19,421.73971	23,608.51488	179.88766
Purchase(+)/ Sale(-)		0.00000					-1427.03556	586.38724	660.76066	179.88766

Statement of Deviation implication for the month of Nov 20

Day	Week	Rajasthan Schedule (LUs)	Rajasthan Drawal (LUs)	Deviation Energy (LUs)
01-Nov	1	873.55627	891.25853	17.70226
02-Nov	1	824.49111	853.96306	29.47195
03-Nov	1	858.94588	884.14889	25.20301
04-Nov	1	947.75664	968.49096	20.73432
05-Nov	1	997.38518	1027.67337	30.28819
06-Nov	1	937.39377	962.32531	24.93154
07-Nov	1	928.19304	956.16434	27.97130
08-Nov	2	897.48773	914.52074	17.03301
09-Nov	2	921.04801	948.74042	27.69241
10-Nov	2	911.17427	924.87931	13.70504
11-Nov	2	814.64523	824.78435	10.13912
12-Nov	2	807.55592	797.27318	-10.28274
13-Nov	2	802.85124	830.56906	27.71782
14-Nov	2	677.29104	666.8323	-10.45874
15-Nov	3	630.64068	597.04547	-33.59521
16-Nov	3	699.8294	649.8635	-49.96590
17-Nov	3	789.40683	756.46444	-32.94239
18-Nov	3	809.90588	814.16697	4.26109
19-Nov	3	855.00266	861.9348	6.93214
20-Nov	3	826.64567	824.36274	-2.28293
21-Nov	3	829.90077	823.09657	-6.80420
22-Nov	4	753.60872	756.14895	2.54023
23-Nov	4	758.83894	788.79836	29.95942
24-Nov	4	668.58848	683.99974	15.41126
25-Nov	4	655.90558	689.21864	33.31306
26-Nov	4	462.82957	432.44406	-30.38551
27-Nov	4	589.48745	570.53171	-18.95574
28-Nov	4	678.16234	688.91544	10.75310
29-Nov	5	787.62324	794.65015	7.02691
30-Nov	5	798.15263	823.03012	24.87749
Total		23794.30417	24006.29548	211.99131
WEEKWISE BREAKUP				
Week 1		6367.72189	6544.02446	176.30257
Week 2		5832.05344	5907.59936	75.54592
Week 3		5441.33189	5326.93449	-114.39740
Week 4		4567.42108	4610.05690	42.63582
Week 5		1585.77587	1617.68027	31.90440
Week 6		-	-	-
TOTAL		23794.30417	24006.29548	211.99131

