



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.
OFFICE OF THE SUPERINTENDING ENGINEER (ENERGY ACCOUNTING),
SLDC BUILDING, AJMER ROAD, HEERAPURA, JAIPUR.
Tel No. 0141-2251747, 0141-2251764 Fax No. 0141-2251646

No. RVPN/SE(EA)/XEN-I/F.1/D.

2039

Dated:- 23-12-21

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

Subject: - Provisional Energy Account of generating stations and Discoms for the month of Nov- 2021.

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	2333.52212	3.24%

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

Encls.:- As above


(Jaiveer Singh Solanki)
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


Superintending Engineer (EA)
RVPN, Jaipur.

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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-21** (PROVISIONAL)

Nov-21		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 JSGS Lines	20588.47893	40.27%	27.14%	32.59%		8,290.98047	5,587.71318	6,709.78528	
	Total Outside Purchases (1)	20,588.47893	40.27%	27.14%	32.59%		8,290.98047	5,587.71318	6,709.78528	
2	Within State Purchase									
A.	RAPP-A									
1	RAPP-Unit 2	965.93000	40.27%	27.14%	32.59%		388.98001	262.15340	314.79659	
	Total RAPP-A	965.93000	40.27%	27.14%	32.59%		388.98001	262.15340	314.79659	
B.	Energy Availed from RVPN share of Chambal - Satpura complex									
1	Chambal (RPS+JS+GS)	333.57000	40.27%	27.14%	32.59%		134.32864	90.53090	108.71046	
	Chambal +Satpura TOTAL	333.57000	40.27%	27.14%	32.59%		134.32864	90.53090	108.71046	
C1.	Generating Stations of RVUN									
1	Kota TPS	6,369.23376	40.27%	27.14%	32.59%		2,564.89044	1,728.61004	2,075.73328	
2	Suratgarh TPS	3,478.07833	40.27%	27.14%	32.59%		1,400.62214	943.95046	1,133.50573	
3	Ramgarh GTPS (firm power)	1,146.45803	40.27%	27.14%	32.59%		461.67865	311.14871	373.63067	
4	Maha - I & Maha - II	150.46000	40.27%	27.14%	32.59%		60.59024	40.83484	49.03491	
5	STPS MMH	-	40.27%	27.14%	32.59%		-	-	-	
6	Mini Micro Hydel	14.62000	40.27%	27.14%	32.59%		5.88747	3.96787	4.76466	
7	Mangrol	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
8	Dholpur Combined Cycle Power Project(DCCPP)	(0.12300)	40.27%	27.14%	32.59%		-0.04953	-0.03338	-0.04009	
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	2,284.49006	40.27%	27.14%	32.59%		919.96415	620.01060	744.51531	
12	Chhabra Super Critical TPS	5,110.79636	40.27%	27.14%	32.59%		2,058.11769	1,387.07013	1,665.60853	
13	Chhabra Super Critical TPS Infir power	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
14	Kaisindh TPP	5,936.28580	40.27%	27.14%	32.59%		2,390.54229	1,611.10797	1,934.63554	
15	Suratgarh Super Critical TPS	2,028.90291	40.27%	27.14%	32.59%		817.03920	550.64425	661.21946	
	RVUN Total	26,519.20225								
C2.	Other Thermal Generating Stations in Rajasthan									
1	RAJWEST	5,710.06273	40.27%	27.14%	32.59%		2,299.44226	1,549.71102	1,860.90944	
2	Adani power at Kawai	6,310.66636	40.27%	27.14%	32.59%		2,541.31	1,712.71	2,056.65	
3	Barsingar	1,483.87984	40.27%	27.14%	32.59%		597.56	402.72	483.60	
4	V.S.Lignite	662.92000								
	Total (Other thermal Generators IPP)	14,167.52893								
D.	Wind farm , Bio-Mass and Solar Generators									
1	Wind farm injection at 220 /132/ 33 kV	2,689.91325								
2	Bio-Mass	281.59624								
3	Solar Power Plant (SPV & solar thermal)	5,608.60658								
	Total Renewable energy	8,580.11607								
E.	Energy injection by CPPs									
1	Binani	-	0.00%	0.00%	100.00%		-	-	0.00000	
2	Ambuja Cement	3.02000	0.00%	0.00%	100.00%		-	-	3.02000	
3	Aditya Cement (i.e.Grasim Industries)	0.06630	0.00%	100.00%	0.00%		-	0.06630	-	
4	J.K.Laxmi cement	0.87500	0.00%	0.00%	100.00%		-	-	0.87500	
5	HZL	470.70040	0.00%	100.00%	0.00%		-	470.70040	-	
6	BIRLA WHITE CEMENT	0.53760	0.00%	0.00%	100.00%		-	-	0.53760	
7	Shree Cement Ltd.	260.62995	100.00%	0.00%	0.00%		260.62995	-	-	
8	Grasim cement, Kotputli (TCC - Jaipur Rural)	1.59000	0.00%	100.00%	0.00%		-	1.59000	-	
9	CCW, Chittorgarh	0.00025	0.00%	100.00%	0.00%		-	0.00025	-	
10	Nuvoco, Nimbahera	0.00276	0.00%	100.00%	0.00%		-	0.00276	-	
11	J.K.Cement, Nimbahera	0.00000	0.00%	100.00%	0.00%		-	-	-	
12	J.K. white Cement, Gotan	0.00000	0.00%	100.00%	0.00%		-	-	-	
13	SFC Kota	0.12900	100.00%	0.00%	0.00%		0.12900	-	-	
13	SVC12 Kota	0.08400	100.00%	0.00%	0.00%		0.08400	-	-	
15	Wonder cement, Nimbahera	0.16182	0.00%	100.00%	0.00%		-	0.16182	-	
16	Sidhidata cement (Nirma) at Nimbol (at 132 kv Borunda) (TCC - Kakani)	0.00000	0.00%	0.00%	100.00%		-	-	-	
17	Manglam Kota	0.00720	0.00%	0.00%	100.00%		-	-	0.00720	
18	Ultra Tech Ltd.	0.00000	0.00%	0.00%	100.00%		-	-	-	
19	RSWM Industries	14.04000	0.00%	100.00%	0.00%		-	14.04000	-	
	CPP Total	751.84428								
G.	Sale to IEX by CPP									
1	Shri Cement Ltd.	-	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)	51,318.19153								
	Purchase from Central Station as per ISGS Lines	20,588.47893	40.27%	27.14%	32.59%		8,290.98047	5,587.71318	6,709.78528	
	Energy imported by SGS	28.64830								
	TOTAL ENERGY AVAILED BY RAJASTHAN (LU)	71,935.31876								

TRANSMISSION LOSS		Within State								
Loss (%)		3.24%								
Loss (LU)		2333.52212								
DISCOMS - ACTUAL DRAWAL ENERGY DRAWAL (LU)		Discomwise Drawal (%)				Discomwise Energy (LU)				
		TOTAL	Jaipur	Ajmer	Jodhpur	Railway	Jaipur	Ajmer	Jodhpur	Railway
Gross actual drawl by discom	69496.40352	36.73%	27.89%	34.77%	0.62%	25524.26085	19380.17461	24163.90943	428.05863	
Aux Consumption	28.76587	34.63%	29.93%	35.44%		9.96201	8.61010	10.19376		
Net Actual Drawal (LU)	69,525.16939	36.73%	27.89%	34.77%	0.62%	25,534.22286	19,388.78471	24,174.10319	428.05863	
Energy imported by RE Generators	76.74482									
Energy imported by SGS	28.64830									
TOTAL import by RE and SGS	105.39312									
GROSS DRAWAL TO DISCOMS (LU) i.e. gross actual drawl+total import by RE and SGS	69601.79664									

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Statement of Deviation implication for the month of Nov 21

Day	Week	Rajasthan Schedule (LUs)	Rajasthan Drawal (LUs)	Deviation Energy (LUs)
01-Nov	1	593.35058	609.26589	15.91531
02-Nov	1	771.68715	792.93635	21.24920
03-Nov	1	603.49342	610.52172	7.02830
04-Nov	1	633.02818	617.84629	-15.18189
05-Nov	1	531.04395	534.61293	3.56898
06-Nov	1	639.06245	654.90012	15.83767
07-Nov	1	767.35867	791.304	23.94533
08-Nov	2	794.58693	825.55913	30.97220
09-Nov	2	786.6911	822.55658	35.86548
10-Nov	2	731.07279	779.03977	47.96698
11-Nov	2	721.44294	738.74981	17.30687
12-Nov	2	712.7137	717.85281	5.13911
13-Nov	2	782.73492	794.87873	12.14381
14-Nov	2	765.56271	771.2527	5.68999
15-Nov	3	753.63355	762.37944	8.74589
16-Nov	3	725.47248	738.94148	13.46900
17-Nov	3	635.72056	640.973	5.25244
18-Nov	3	549.76003	524.39386	-25.36617
19-Nov	3	442.4492	419.36681	-23.08239
20-Nov	3	477.44141	484.05452	6.61311
21-Nov	3	530.16244	518.3291	-11.83334
22-Nov	4	630.33811	623.91923	-6.41888
23-Nov	4	679.38515	695.65368	16.26853
24-Nov	4	710.1275	743.64795	33.52045
25-Nov	4	766.43228	792.63715	26.20487
26-Nov	4	789.1554	824.04623	34.89083
27-Nov	4	780.79578	797.37582	16.58004
28-Nov	4	707.89874	714.85772	6.95898
29-Nov	5	573.24031	591.75044	18.51013
30-Nov	5	622.10876	654.87567	32.76691
Total		20207.95119	20588.47893	380.52774
WEEKWISE BREAKUP				
Week 1		4539.02440	4611.38730	72.36290
Week 2		5294.80509	5449.88953	155.08444
Week 3		4114.63967	4088.43821	-26.20146
Week 4		5064.13296	5192.13778	128.00482
Week 5		1195.34907	1246.62611	51.27704
Week 6		-	-	-
TOTAL		20207.95119	20588.47893	380.52774

SPN
AEN (LVA)