



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.

“An ISO 9001:2008 certified company”

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. 1026

Dated:- 24/9/19

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

Subject :- Provisional Energy Account of generating stations and Discoms for the month of August' 2019.

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	2212.05904	3.48%

The figures of above account may kindly be verified at your end for reconciliation in the meeting of Commercial Engineer proposed to be held shortly.

Encls.:- As above

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.



OFFICE OF THE SUPERINTENDING ENGINEER (ENERGY ACCOUNTING)
R. V. P. N., SLDC BUILDING, HEERAPURA

ENERGY ACCOUNT OF GENERATING STATIONS AND DISCOMS FOR THE MONTH OF Aug-19 (PROVISIONAL)

Aug-19		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	18200.63795	40.27%	27.14%	32.59%		7,329.39690	4,939.65314	5,931.58791	
	Total Outside Purchases (I)	18,200.63795	40.27%	27.14%	32.59%		7,329.39690	4,939.65314	5,931.58791	
2	Within State Purchase									
A.	RAPP-A									
1	RAPP-Unit 2	667.20000	40.27%	27.14%	32.59%		268.68144	181.07808	217.44048	
	Total RAPP-A	667.20000	40.27%	27.14%	32.59%		268.68144	181.07808	217.44048	
B.	Energy Availed from RVPN share of Chambal - Satpura									
1	Chambal (RPS+JS+GS)	426.69000	40.27%	27.14%	32.59%		171.82806	115.80367	139.05827	
	Chambal+Satpura TOTAL	426.69000	40.27%	27.14%	32.59%		171.82806	115.80367	139.05827	
C1.	Generating Stations of RVUN									
1	Kota TPS	3,818.90776	40.27%	27.14%	32.59%		1,537.87415	1,036.45157	1,244.58204	
2	Suratgarh TPS	2,950.54798	40.27%	27.14%	32.59%		1,188.18567	800.77872	961.58359	
3	Rangarh GTPS (firm power)	591.72534	40.27%	27.14%	32.59%		238.28779	160.59426	192.84329	
4	Mahi - I & Mahi - II	289.48060	40.27%	27.14%	32.59%		116.57384	78.56503	94.34173	
5	STPS MMH	1.67900	40.27%	27.14%	32.59%		0.67613	0.45568	0.54719	
6	Mini Micro Hydel	(0.01730)	40.27%	27.14%	32.59%		-0.00697	-0.00470	-0.00564	
7	Mangrol	(0.02400)	40.27%	27.14%	32.59%		-0.00966	-0.00651	-0.00782	
8	Dholpur Combined Cycle Power Project (DCCPP)	(2.78370)	40.27%	27.14%	32.59%		-1.12100	-0.75550	-0.90721	
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	5,843.00978	40.27%	27.14%	32.59%		2,352.98004	1,585.79285	1,904.23689	
12	Chhabra Super Critical TPS	5,274.38890	40.27%	27.14%	32.59%		2,123.99641	1,431.46915	1,718.92334	
13	Chhabra Super Critical TPS Infirm power	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
14	Kaisindh TPP	2,801.23320	40.27%	27.14%	32.59%		1,128.05661	760.25469	912.92190	
15	Suratgarh Infirm Power	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
	RVUN Total	21,568.14755	40.27%	27.14%	32.59%		8,685.49302	5,853.59525	7,029.05929	
C2.	Other Thermal Generating Stations in Rajasthan									
1	RAJWEST	4,185.28193	40.27%	27.14%	32.59%		1,685.41303	1,135.88551	1,363.98338	
2	Adani power at Kawai	5,179.16546	40.27%	27.14%	32.59%		2,085.65	1,405.63	1,687.89	
3	Barsingar	1,582.30400	40.27%	27.14%	32.59%		637.19	429.44	515.67	
4	V. S. Lignite	(3.85600)	40.27%	27.14%	32.59%		-1.55281	-1.04652	-1.25667	
	Total (Other thermal Generators IPP)	10,942.89538	40.27%	27.14%	32.59%		4,406.70397	2,969.90181	3,566.28960	
D.	Wind farm , Bio-Mass and Solar Generators									
1	Wind farm injection at 220/132/33 kV	6,227.56618	32.10%	20.73%	47.17%		1,999.11968	1,290.67101	2,937.77549	
2	Bio-Mass	271.51789	40.27%	27.14%	32.59%		109.34025	73.68996	88.48768	
3	Solar Power Plant (SPV & solar thermal)	4,574.43934	37.63%	25.38%	36.99%		1,721.26567	1,160.97978	1,692.19389	
	WBA energy against Wind Farms	-	-	-	-		-	-	-	
	Total Renewable energy	11,073.52341	34.58%	22.81%	42.61%		3,829.72560	2,525.34075	4,718.45706	
E.	Energy injection by CPPs									
1	Binani	-	0.00%	0.00%	100.00%		-	-	0.00000	
2	Ambuja Cement	0.97000	0.00%	0.00%	100.00%		-	-	0.97000	
3	Aditya Cement (I.e. Grasim Industries)	6.60603	0.00%	100.00%	0.00%		-	6.60603	-	
4	J.K. Laksmi cement	2.11378	0.00%	0.00%	100.00%		-	-	2.11378	
5	HZL	451.52560	0.00%	100.00%	0.00%		-	451.52560	-	
6	BIRLA WHITE CEMENT	1.80240	0.00%	0.00%	100.00%		-	-	1.80240	
7	Shree Cement Ltd.	183.24515	100.00%	0.00%	0.00%		183.24515	-	-	
8	Grasim cement, Kotputli (TCC - Jaipur Rural)	-	0.00%	100.00%	0.00%		-	-	0.00000	
9	CCW, Chittorgarh	0.44107	0.00%	100.00%	0.00%		-	-	0.44107	
10	M/s Ginni Global Ltd, Neemrana	-	0.00%	100.00%	0.00%		-	-	0.00000	
11	J.K. Cement, Nimbahera	0.75265	0.00%	100.00%	0.00%		-	0.75265	-	
12	J.K. white Cement, Gotan	0.00337	0.00%	100.00%	0.00%		-	0.00337	-	
13	SFC Kota	0.18900	100.00%	0.00%	0.00%		0.18900	-	-	
14	SVC12 Kota	0.36300	100.00%	0.00%	0.00%		0.36300	-	-	
15	Wonder cement, Nimbahera	0.23785	0.00%	100.00%	0.00%		-	-	0.23785	
16	Sidhdata cement (Nirma) at Nimbo (at 132 kv)	-	0.00%	0.00%	100.00%		-	-	0.00100	
17	Borunda (TCC - Kakani)	0.00100	0.00%	0.00%	100.00%		-	-	0.00100	
18	Mangla Kota	0.08150	0.00%	0.00%	100.00%		-	-	0.08150	
19	Ultra Tech Ltd.	10.62000	0.00%	0.00%	100.00%		-	-	10.62000	
20	RSWM Industries	106.96415	0.00%	100.00%	0.00%		-	106.96415	-	
	CPP Total	765.91655	24.00%	73.97%	2.04%		183.79715	566.53073	15.58868	
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)	45,444.37289	38.61%	26.87%	34.52%		17,546.22924	12,212.25027	15,685.89338	
	Purchase from Central Station as per ISGS Lines	18,200.63795	40.27%	27.14%	32.59%		7,329.39690	4,939.65314	5,931.58791	
	TOTAL ENERGY AVAILED BY RAJASTHAN (LU)	63,645.01084	39.08%	26.95%	33.97%		24,875.62614	17,151.90341	21,617.48129	

TRANSMISSION LOSS		Within State								
Loss (%)		3.48%								
Loss (LU)		2212.05904								
Net Flow within State Transmission System		63,645.01084								
NET AVAILABILITY TO DISCOMS (LU)		61,432.95180	39.08%	26.95%						
				33.97%						
				24,011.044						
				16,555.768						
				20,866.140						
DISCOMS - ACTUAL DRAWAL		Discomwise Drawal (%)								
ENERGY DRAWAL (LU)		TOTAL	Jaipur	Ajmer	Jodhpur	Railway	Jaipur	Ajmer	Jodhpur	Railway
Gross actual drawl by discom		61432.95180	39.19%	24.46%	35.79%	0.56%	24072.52746	15026.63950	21987.10739	346.67745
Aux Consumption		-30.65786	36.57%	27.98%	35.44%		-11.21307	-8.57910	-10.86569	
Direct Wind Farm injection at 33 kV		-	0.00%	0.00%	0.00%		-	-	-	
Net Actual Drawal (LU)		61,402.29394	39.19%	24.46%	35.79%	0.56%	24,061.31439	15,018.06040	21,976.24170	346.67745
Purchase (+) / Sale (-)		0.00000					61.48368	-1529.12884	1120.96771	346.67745

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Statement of Deviation implication for the month of Aug 19

Day	Week	Rajasthan Schedule (LUs)	Rajasthan Drawal (LUs)	Deviation Energy (LUs)
01-Aug	1	527.72765	499.72313	-28.00452
02-Aug	1	613.22845	614.54413	1.31568
03-Aug	1	604.21979	598.10435	-6.11544
04-Aug	1	608.18355	620.17345	11.98990
05-Aug	1	536.23338	532.24895	-3.98443
06-Aug	1	400.35615	399.91918	-0.43697
07-Aug	1	554.8427	571.59418	16.75148
08-Aug	2	714.02146	733.60094	19.57948
09-Aug	2	602.83162	576.99046	-25.84116
10-Aug	2	500.62407	484.98763	-15.63644
11-Aug	2	640.84274	644.09386	3.25112
12-Aug	2	748.10574	770.90265	22.79691
13-Aug	2	720.14426	724.57354	4.42928
14-Aug	2	651.76002	661.22142	9.46140
15-Aug	3	493.53073	488.40349	-5.12724
16-Aug	3	436.78001	411.69443	-25.08558
17-Aug	3	388.43959	349.53521	-38.90438
18-Aug	3	390.17956	399.47244	9.29288
19-Aug	3	614.74129	624.12273	9.38144
20-Aug	3	739.22562	724.10638	-15.11924
21-Aug	3	596.65961	573.93936	-22.72025
22-Aug	4	617.27719	594.82707	-22.45012
23-Aug	4	572.47796	564.29119	-8.18677
24-Aug	4	584.81676	604.96934	20.15258
25-Aug	4	623.62006	631.78472	8.16466
26-Aug	4	677.77252	720.48991	42.71739
27-Aug	4	761.1957	746.4513	-14.74440
28-Aug	4	720.22491	705.03479	-15.19012
29-Aug	5	648.82735	632.49728	-16.33007
30-Aug	5	476.17273	487.93468	11.76195
31-Aug	5	496.68789	508.40576	11.71787
Total		18261.75106	18200.63795	-61.11311
WEEKWISE BREAKUP				
Week 1		3844.79167	3836.30737	-8.48430
Week 2		4578.32991	4596.37050	18.04059
Week 3		3659.55641	3571.27404	-88.28237
Week 4		4557.38510	4567.84832	10.46322
Week 5		1621.68797	1628.83772	7.14975
Week 6				
TOTAL		18261.75106	18200.63795	-61.11311
OUTSIDE STATE LOSS				

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