



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. 220

Dated:- 23-04-2019

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

Subject :- Provisional Energy Account of generating stations and Discoms for the month of March' 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	2219.00949	3.23%

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 (Comm), 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

Mar-19

(PROVISIONAL)

Mar-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	19276.74769	40.27%	27.14%	32.59%		7,762.74629	5,231.70932	6,282.29207	
	Total Outside Purchases (1)	19,276.74769	40.27%	27.14%	32.59%		7,762.74629	5,231.70932	6,282.29207	
2	Within State Purchase									
A.	RAPP-A									
1	RAPP-Unit 2	430.33600	40.27%	27.14%	32.59%		173.29631	116.79319	140.24650	
	Total RAPP-A	430.33600	40.27%	27.14%	32.59%		173.29631	116.79319	140.24650	
B.	Energy Availed from RVPN share of Chambal - Satpura									
1	Chambal (RPS+JS+GS)	732.72000	40.27%	27.14%	32.59%		295.06634	198.86021	238.79345	
	Chambal+Satpura TOTAL	732.72000	40.27%	27.14%	32.59%		295.06634	198.86021	238.79345	
C1.	Generating Stations of RVUN									
1	Kota TPS	3,999.88152	40.27%	27.14%	32.59%		1,610.75229	1,085.56784	1,303.56139	
2	Suratgarh TPS	1,804.54751	40.27%	27.14%	32.59%		726.69128	489.75419	588.10203	
3	Ramgarh GTPS(firm power)	646.45978	40.27%	27.14%	32.59%		260.32935	175.44918	210.68124	
4	Mahli - I & Mahli - II	224.56000	40.27%	27.14%	32.59%		90.43031	60.94558	73.18410	
5	STPS MMH	-	40.27%	27.14%	32.59%		-	-	-	
6	Mini Micro Hydel	6.93000	40.27%	27.14%	32.59%		2.79071	1.88080	2.25849	
7	Nangroi	-	40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
8	Dholpur Combined Cycle Power Project(DCCPP)	(2.13750)	40.27%	27.14%	32.59%		-0.86077	-0.58012	-0.69661	
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	6,181.20218	40.27%	27.14%	32.59%		2,489.17012	1,677.57827	2,014.45379	
12	Chhabra Super Critical TPS	3,411.36898	40.27%	27.14%	32.59%		1,373.75829	925.84554	1,111.76515	
	Chhabra Super Critical TPS Infirm power	1,908.99102	40.27%	27.14%	32.59%		768.75068	518.10016	622.14017	
13	Kalisindh TPP	6,472.36425	40.27%	27.14%	32.59%		2,606.42108	1,756.59966	2,109.34351	
	RVUN Total	24,654.16774	40.27%	27.14%	32.59%		9,928.23335	6,691.14112	8,034.79327	
C2.	Other Thermal Generating Stations in Rajasthan									
1	RAJWEST	4,769.25132	40.27%	27.14%	32.59%		1,920.57751	1,294.37481	1,554.29901	
2	Adani power at Kawai	6,479.28363	40.27%	27.14%	32.59%		2,609.21	1,758.48	2,111.60	
3	Barsingar	1,585.27088	40.27%	27.14%	32.59%		638.39	430.24	516.64	
4	V. S. Lignite	412.64000	40.27%	27.14%	32.59%		166.17013	111.99050	134.47938	
	Total (Other thermal Generators IPP)	13,246.44583	40.27%	27.14%	32.59%		5,334.34374	3,595.08540	4,317.01670	
D.	Wind farm , Bio-Mass and Solar Generators									
1	Wind farm injection at 220 /132/ 33 kV	3,910.28387	28.79%	19.86%	51.35%		1,125.90806	776.49526	2,007.88055	
2	Bio-Mass	373.81372	40.27%	27.14%	32.59%		150.53479	101.45304	121.82589	
3	Solar Power Plant (SPV & solar thermal)	5,431.43763	37.54%	25.33%	37.13%		2,038.72228	1,375.85174	2,016.86361	
	WBA energy against Wind Farms	-					-	-	-	
	Total Renewable energy	9,715.53522	34.12%	23.20%	42.68%		3,315.16513	2,253.80004	4,146.57004	
E.	CPPs									
1	Binani	-	0.00%	0.00%	100.00%		-	-	0.00000	
2	Ambuja Cement	2,32000	0.00%	0.00%	100.00%		-	-	2.32000	
3	Aditya Cement (i.e.Grassim Industries)	0.45230	0.00%	100.00%	0.00%		-	0.45230	-	
4	J.K.Laksmi cement	0.28780	0.00%	0.00%	100.00%		-	-	0.28780	
5	HZL	2,42645	0.00%	100.00%	0.00%		-	2,42645	-	
6	BIRLA WHITE CEMENT	0.51720	0.00%	0.00%	100.00%		-	-	0.51720	
7	Shree Cement Ltd.	10.73840	100.00%	0.00%	0.00%		10.73840	-	-	
8	Grasim cement , Kotputli (TCC - Jaipur Rural)	-	0.00%	100.00%	0.00%		-	-	-	
9	CCW, Chittorgarh	0.04557	0.00%	100.00%	0.00%		-	0.04557	-	
10	M/s Ginni Global Ltd. , Neemrana	-	0.00%	100.00%	0.00%		-	-	-	
11	J.K.Cement , Nimbahera	0.15334	0.00%	100.00%	0.00%		-	0.15334	-	
12	J.K. white Cement , Gotan	0.01903	0.00%	100.00%	0.00%		-	0.01903	-	
13	RSWM Ltd.	0.04383	0.00%	100.00%	0.00%		-	0.04383	-	
14	Wonder cement , Nimbahera	0.10502	0.00%	100.00%	0.00%		-	0.10502	-	
15	Sidhidata cement (Nirma) at Nimbol (at 132 kv Borunda) (TCC - Kakani)	0.00100	0.00%	0.00%	100.00%		-	-	0.00100	
16	Mangla Kota	0.92985	0.00%	0.00%	100.00%		-	-	0.92985	
17	Ultra Tech Ltd.	6.72000	0.00%	0.00%	100.00%		-	-	6.72000	
	CPP Total	24.75979	43.37%	13.11%	43.52%		10.73840	3.24554	10.77585	
F.	Intra state Open Access by CPP									
1	RSWM Industries	113.28691	0.00%	100.00%	0.00%		-	113.28691	-	
2	Hindustan Zinc Limited (HZL)	417.64131	0.00%	100.00%	0.00%		-	417.64131	-	
3	Shree Cement Limited(Kushkhara)	82.98870	100.00%	0.00%	0.00%		82.98870	-	-	
4	Shri Cement Ltd.(Suratgarh).	38.55681	0.00%	0.00%	100.00%		-	-	38.55681	
5	Shri Cement Ltd.(Jobner).	23.20236	100.00%	0.00%	0.00%		23.20236	-	-	
6	Shree Cement Ltd at Bangur cement	9.34001	0.00%	100.00%	0.00%		-	9.34001	-	
	Total Intra state Open Access by CPP	685.01610	15.50%	78.87%	5.63%		106.19106	540.26823	38.55681	
G.	Sale to IEX by CPP									
1	Shri Cement Ltd.	8.86231	40.27%	27.14%	32.59%		3.56885	2.40523	2.88823	
2	Aditya Cement	-	40.27%	27.14%	32.59%		-	-	-	
3	HZL	-	40.27%	27.14%	32.59%		-	-	-	
	Total Intra state Open Access by CPP	8.86231	40.27%	27.14%	32.59%		3.56885	2.40523	2.88823	
	Total Within State Purchase (A to G)	49,497.84299	38.72%	27.08%	34.20%		19,166.60318	13,401.59896	16,929.64084	
	Purchase from Central Station as per ISGS Lines	19,276.74769	40.27%	27.14%	32.59%		7,762.74629	5,231.70932	6,282.29207	
	TOTAL ENERGY AVAILED BY RAJASTHAN (LU)	68,774.59068	39.16%	27.09%	33.75%		26,929.34948	18,633.30829	23,211.93291	

TRANSMISSION LOSS		Within State							
Loss (%)		3.23%							
Loss (LU)		2219.00949							
Net Flow within State Transmission System		68,774.59068							
NET AVAILABILITY TO DISCOMS (LU)		66,555.58119	39.16%	27.09%	33.75%	26,060.475	18,032.105	22,463.001	
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	66555.58119	38.47%	28.20%	32.79%	0.55%	25603.50676	18767.07167	21822.10024	362.90252
Aux Consumption	-26.42318	34.54%	29.87%	35.59%	-	-9.12755	-7.89157	-9.40406	-
Direct Wind Farm injection at 33 kV	-	0.00%	0.00%	0.00%	-	-	-	-	-
Net Actual Drawal (LU)	66,529.15801	38.47%	28.20%	32.79%	0.55%	25,594.37921	18,759.18010	21,812.69618	362.90252
Purchase(+)/ Sale(-)	0.00000					-456.96831	734.96635	-640.90056	362.90252

Statement of Deviation implication for the month of March 19

Day	Week	Rajasthan Schedule (LUs)	Rajasthan Drawal (LUs)	Deviation Energy (LUs)
01-Mar	1	667.8729	685.16653	17.29363
02-Mar	1	627.76178	630.71064	2.94886
03-Mar	1	546.10139	529.63101	-16.47038
04-Mar	2	608.72089	626.01849	17.29760
05-Mar	2	689.17032	688.9138	-0.25652
06-Mar	2	687.67716	676.8681	-10.80906
07-Mar	2	685.25384	671.58196	-13.67188
08-Mar	2	515.65093	478.50656	-37.14437
09-Mar	2	612.24752	608.8934	-3.35412
10-Mar	2	652.09572	636.77889	-15.31683
11-Mar	3	652.4588	652.97144	0.51264
12-Mar	3	648.69436	645.42514	-3.26922
13-Mar	3	620.69167	606.34329	-14.34838
14-Mar	3	584.60696	565.37359	-19.23337
15-Mar	3	617.61576	616.15401	-1.46175
16-Mar	3	653.30154	665.53487	12.23333
17-Mar	3	696.1068	692.43397	-3.67283
18-Mar	4	693.45162	688.98555	-4.46607
19-Mar	4	588.15907	592.36432	4.20525
20-Mar	4	638.95478	625.7117	-13.24308
21-Mar	4	588.91474	584.70151	-4.21323
22-Mar	4	610.92866	600.21108	-10.71758
23-Mar	4	657.48656	641.51455	-15.97201
24-Mar	4	712.95893	720.82101	7.86208
25-Mar	5	670.27199	664.59653	-5.67546
26-Mar	5	661.0556	667.35223	6.29663
27-Mar	5	583.42318	592.38521	8.96203
28-Mar	5	551.3202	562.60441	11.28421
29-Mar	5	595.32815	587.06338	-8.26477
30-Mar	5	507.87467	485.36996	-22.50471
31-Mar	5	584.61127	585.76056	1.14929
Total		19410.76776	19276.74769	-134.02007
WEEKWISE BREAKUP				
Week 1		1841.73607	1845.50818	3.77211
Week 2		4450.81638	4387.56120	-63.25518
Week 3		4473.47589	4444.23631	-29.23958
Week 4		4490.85436	4454.30972	-36.54464
Week 5		4153.88506	4145.13228	-8.75278
Week 6		-	-	-
TOTAL		19410.76776	19276.74769	-134.02007