



**OFFICE OF THE SUPERINTENDING ENGINEER (ENERGY ACCOUNTING)**

R. V. P. N., R. No. 230, VIDYUT BHAWAN, JAN PATH

ENERGY ACCOUNT OF GENERATING STATIONS AND DISCOMS FOR THE MONTH OF

Apr-17

(PROVISIONAL)

Apr-17		REVISION- 0						
Sr. No.	Name of Power Station	Ex-Generator (LU) / Net sent out (LU)	Discomwise Allocation (%)			Discomwise Energy (LU)		
			Jaipur	Ajmer	Jodhpur	Jaipur	Ajmer	Jodhpur
1	Purchase from Central Station as per ISGS Lines	20603.743	40.00%	28.00%	32.00%	8,241.49737	5,769.04816	6,593.19789
	<b>Total Outside Purchases (1)</b>	<b>20,603.74342</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>8,241.49737</b>	<b>5,769.04816</b>	<b>6,593.19789</b>
2	<b>Within State Purchase</b>							
A.	<b>RAPP-A</b>							
1	RAPP-Unit 2	714.11200	40.00%	28.00%	32.00%	285.64480	199.95136	228.51584
	<b>Total RAPP-A</b>	<b>714.11200</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>285.64480</b>	<b>199.95136</b>	<b>228.51584</b>
B.	<b>Energy Availed from RVPN share of Chambal - Satpura complex</b>							
1	Chambal (RPS+JS+GS)	7.45000	40.00%	28.00%	32.00%	2.98000	2.08600	2.38400
	<b>Chambal +Satpura TOTAL</b>	<b>7.45000</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>2.98000</b>	<b>2.08600</b>	<b>2.38400</b>
C1.	<b>Generating Stations of RVUN</b>							
1	Kota TPS	2,464.53227	40.00%	28.00%	32.00%	985.81291	690.06904	788.65033
2	Suratgarh TPS	1,341.31440	40.00%	28.00%	32.00%	536.52576	375.56803	429.22061
3	Ramgarh GTPS (firm power)	1,257.37400	40.00%	28.00%	32.00%	502.94960	352.06472	402.35968
4	Mahi - I & Mahi - II	95.10548	40.00%	28.00%	32.00%	38.04219	26.62953	30.43375
5	STPS MMH	0.02700	40.00%	28.00%	32.00%	0.01080	0.00756	0.00864
6	Mini Micro Hydel	2,276.10	40.00%	28.00%	32.00%	0.91044	0.63731	0.72835
7	Mangrol	0.06690	40.00%	28.00%	32.00%	0.02676	0.01873	0.02141
8	Dholpur Combined Cycle Power Project(DCCPP)	(24.52000)	40.00%	28.00%	32.00%	-9.80800	-6.86560	-7.84640
9	Giral Lignite Thermal Power Station (unit - I)	(3.44152)	40.00%	28.00%	32.00%	-1.37661	-0.96363	-1.10129
10	Giral Lignite Thermal Power Station (unit - II)	-	40.00%	28.00%	32.00%	0.00000	0.00000	0.00000
11	CHHABRA TPS	5,387.88000	40.00%	28.00%	32.00%	2,155.15200	1,508.60640	1,724.12160
12	Chhabra Super Critical TPS	2,102.98000	40.00%	28.00%	32.00%	841.19200	588.83440	672.95360
13	Kalisindh TPP	3,985.74000	40.00%	28.00%	32.00%	1,594.29600	1,116.00720	1,275.43680
	<b>RVUN Total</b>	<b>16,609.33463</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>6,643.73385</b>	<b>4,650.61370</b>	<b>5,314.98708</b>
C2.	<b>Other Thermal Generating Stations in Rajasthan</b>							
1	RAJWEST	4,754.14000	40.00%	28.00%	32.00%	1,901.65600	1,331.15920	1,521.32480
2	Adani power at Kawai	4,302.04000	40.00%	28.00%	32.00%	1,720.82	1,204.57	1,376.65
3	Barsingsar	1,207.88400	40.00%	28.00%	32.00%	483.15	338.21	386.52
4	V.S.Lignite	(1.50080)	40.00%	28.00%	32.00%	-0.60032	-0.42022	-0.48026
	<b>Total (Other thermal Generators IPP)</b>	<b>10,262.56320</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>4,105.02528</b>	<b>2,873.51770</b>	<b>3,284.02022</b>
D.	<b>Wind farm , Bio-Mass and Solar Generators</b>							
1	Wind farm injection at 220 /132/ 33 kV	6,360.31628	27.92%	21.05%	51.04%	1,775.57612	1,338.61966	3,246.12050
2	Bio-Mass	314.96986	40.00%	28.00%	32.00%	125.98794	88.19156	100.79036
3	Solar Power Plant (SPV & solar thermal)	2,249.47627	33.54%	23.48%	42.98%	754.55557	528.18890	966.73180
4	WBA energy against Wind Farms	202.63556	54.54%	37.48%	7.98%	110.52110	75.94074	16.17372
	<b>Total Renewable energy</b>	<b>9,127.39797</b>	<b>30.31%</b>	<b>22.25%</b>	<b>47.44%</b>	<b>2,766.64073</b>	<b>2,030.94086</b>	<b>4,329.81638</b>
E.	<b>CPPs</b>							
1	Binani	0.01843	0.00%	0.00%	100.00%	-	-	0.01843
3	Aditya Cement (i.e.Grasm Industries)	3.98512	0.00%	0.00%	100.00%	-	3.98512	-
4	J.K.Laksmi cement	0.01834	0.00%	0.00%	100.00%	-	-	0.01834
5	HZL	11.28152	0.00%	0.00%	100.00%	-	11.28152	-
7	BIRLA WHITE CEMENT	0.09000	0.00%	0.00%	100.00%	-	-	0.09000
8	Shree Cement Ltd.	7.55486	100.00%	0.00%	0.00%	7.55486	-	-
9	Grasim cement , Kotputli (TCC - Jaipur Rural)	0.30000	0.00%	0.00%	100.00%	-	0.30000	-
10	CCW, Chittorgarh	0.45425	0.00%	0.00%	100.00%	-	0.45425	-
11	M/s Ginni Global Ltd., Neemrana	-	0.00%	0.00%	100.00%	-	-	-
12	J.K.Cement , Nimbahera	0.42533	0.00%	0.00%	100.00%	-	0.42533	-
13	J.K. white Cement , Gotan	0.00291	0.00%	0.00%	100.00%	-	0.00291	-
14	RSWM Ltd.	0.11443	0.00%	0.00%	100.00%	-	0.11443	-
15	Wonder cement , Nimbahera	0.38013	0.00%	0.00%	100.00%	-	0.38013	-
20	Sidhidata cement (Nirma ) at Nimbol (at 132 kv Borunda) (TC	59.24270	0.00%	0.00%	100.00%	-	-	59.24270
	<b>CPP Total</b>	<b>83.86801</b>	<b>9.01%</b>	<b>20.20%</b>	<b>70.79%</b>	<b>7.55486</b>	<b>16.94368</b>	<b>59.36947</b>
F.	<b>Intra state Open Access by CPP</b>							
1	RSWM Industries	157.21795	0.00%	100.00%	0.00%	-	157.21795	-
2	Hindustan Zinc Limited (HZL)	535.17831	0.00%	100.00%	0.00%	-	535.17831	-
3	Shree Cement Limited(Kushkhhera)	68.36109	100.00%	0.00%	0.00%	68.36109	-	-
4	Shri Cement Ltd.(Suratgarh).	46.17151	0.00%	0.00%	100.00%	-	-	46.17151
5	Shri Cement Ltd.(Jobner).	32.25746	100.00%	0.00%	0.00%	32.25746	-	-
6	Shree Cement Ltd.to Lafarge cement	114.60957	0.00%	100.00%	0.00%	-	114.60957	-
	<b>Total Intra state Open Access by CPP</b>	<b>953.79589</b>	<b>10.55%</b>	<b>84.61%</b>	<b>4.84%</b>	<b>100.61855</b>	<b>807.00583</b>	<b>46.17151</b>
G.	<b>Sale to IEX by CPP</b>							
1	Hindustan Zinc Limited (HZL)	0.42000	40.00%	28.00%	32.00%	0.16800	0.11760	0.13440
	<b>Total Intra state Open Access by CPP</b>	<b>0.42000</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>0.16800</b>	<b>0.11760</b>	<b>0.13440</b>
	<b>Total Within State Purchase (A to G)</b>	<b>37,758.94170</b>	<b>36.85%</b>	<b>28.02%</b>	<b>35.13%</b>	<b>13,912.36608</b>	<b>10,581.17672</b>	<b>13,265.39890</b>
	<b>Purchase from Central Station as per ISGS Lines</b>	<b>20,603.74342</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>8,241.49737</b>	<b>5,769.04816</b>	<b>6,593.19789</b>
	<b>TOTAL ENERGY AVAILED BY RAJASTHAN (LU)</b>	<b>58,362.68512</b>	<b>37.96%</b>	<b>28.01%</b>	<b>34.03%</b>	<b>22,153.86344</b>	<b>16,350.22488</b>	<b>19,858.59679</b>
<b>TRANSMISSION LOSS</b>								
	<b>Within State</b>							
	Loss (%)	3.32%						
	Loss (LU)	1936.56650						
	Net Flow within State Transmission System	58,362.68512						
	<b>NET AVAILABILITY TO DISCOMS (LU)</b>	<b>56,426.11862</b>	<b>37.96%</b>	<b>28.01%</b>	<b>34.03%</b>	<b>21,418.763</b>	<b>15,807.698</b>	<b>19,199.657</b>
<b>DISCOMs - ACTUAL DRAWAL</b>								
	<b>ENERGY DRAWAL (LU)</b>	<b>TOTAL</b>	<b>Discomwise Drawal (%)</b>			<b>Discomwise Energy (LU)</b>		
	Gross actual drawl by discom	56426.11862	41.83%	29.51%	28.66%	23601.68283	16650.11704	16174.31875
	Aux Consumption	-27.34801	42.22%	26.74%	31.04%	-11.54690	-7.31329	-8.48782
	Direct Wind Farm in junction at 33 kV	-	0.00%	0.00%	0.00%	-	-	-
	<b>Net Actual Drawal (LU)</b>	<b>56,398.77061</b>	<b>41.83%</b>	<b>29.51%</b>	<b>28.66%</b>	<b>23,590.13593</b>	<b>16,642.80375</b>	<b>16,165.83093</b>
	<b>Purchase(+)/ Sale(-)</b>	<b>0.00000</b>				<b>2182.91973</b>	<b>842.41856</b>	<b>-3025.33829</b>