



**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

Sep-17

(PROVISIONAL)

Sep.17		REVISION- 0								
Sr. No.	Name of Power Station	Gen-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	22307.119	40.00%	28.00%	32.00%		8,922.84773	6,245.99341	7,138.27818	
	<b>Total Outside Purchases (1)</b>	<b>22,307.11932</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>		<b>8,922.84773</b>	<b>6,245.99341</b>	<b>7,138.27818</b>	
	<b>Within State Purchase</b>									
A.	<b>RAPP-A</b>									
1	RAPP-Unit 2	860.16000	40.00%	28.00%	32.00%		344.06400	240.84480	275.25120	
	<b>Total RAPP-A</b>	<b>860.16000</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>		<b>344.06400</b>	<b>240.84480</b>	<b>275.25120</b>	
B.	<b>Energy Availed from RVPN share of Chambal - Satpura complex</b>									
1	Chambal (RPS+JS+GS)	149.64000	40.00%	28.00%	32.00%		59.85600	41.89920	47.88480	
	<b>Chambal+Satpura TOTAL</b>	<b>149.64000</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>		<b>59.85600</b>	<b>41.89920</b>	<b>47.88480</b>	
CL.	<b>Generating Stations of RVUN</b>									
1	Kota TPS	6,055.44640	40.00%	28.00%	32.00%		2,422.17856	1,695.52499	1,937.74285	
2	Suratgarh TPS	4,099.15960	40.00%	28.00%	32.00%		1,639.66384	1,147.76469	1,311.73107	
3	Ramgarh GTPS(firm power)	1,298.80370	40.00%	28.00%	32.00%		519.52148	363.66504	415.61718	
4	Mahi - I & Mahi - II	432.93250	40.00%	28.00%	32.00%		173.17300	121.22110	138.53840	
5	STPS MMH	5.99741	40.00%	28.00%	32.00%		2.39896	1.67927	1.91917	
6	Mini Micro Hydel	(0.02301)	40.00%	28.00%	32.00%		-0.00920	-0.00644	-0.00736	
7	Mangrol	0.27504	40.00%	28.00%	32.00%		0.11002	0.07701	0.08801	
8	Dholpur Combined Cycle Power Project(DCCPP)	497.25000	40.00%	28.00%	32.00%		198.90000	139.23000	159.12000	
9	Giral Lignite Thermal Power Station (unit - I)	-	40.00%	28.00%	32.00%		0.00000	0.00000	0.00000	
10	Giral Lignite Thermal Power Station (unit - II)	-	40.00%	28.00%	32.00%		0.00000	0.00000	0.00000	
11	CHHABRA TPS	3,352.70150	40.00%	28.00%	32.00%		1,341.08060	938.75642	1,072.86448	
12	Chhabra Super Critical TPS	-	40.00%	28.00%	32.00%		0.00000	0.00000	0.00000	
13	Kalisindh TPP	6,824.71070	40.00%	28.00%	32.00%		2,729.88428	1,910.91900	2,183.90742	
	<b>RVUN Total</b>	<b>22,567.25384</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>		<b>9,026.90154</b>	<b>6,318.83108</b>	<b>7,221.52123</b>	
C2.	<b>Other Thermal Generating Stations in Rajasthan</b>									
1	RAJWEST	5,276.72000	40.00%	28.00%	32.00%		2,110.68800	1,477.48160	1,688.55040	
2	Adani power at Kawai	3,136.83636	40.00%	28.00%	32.00%		1,254.73	878.31	1,003.79	
3	Barsingar	1,153.90720	40.00%	28.00%	32.00%		461.56	323.09	369.25	
4	V.S.Lignite	127.81552	40.00%	28.00%	32.00%		51.12621	35.78835	40.90097	
	<b>Total (Other thermal Generators IPP)</b>	<b>9,695.27908</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>		<b>3,878.11163</b>	<b>2,714.67814</b>	<b>3,102.48931</b>	
D.	<b>Wind farm , Bio-Mass and Solar Generators</b>									
1	Wind farm injection at 220 /132/ 33 kV	3,815.10672	32.31%	19.97%	47.72%		1,232.62836	761.77799	1,820.70037	
2	Bio-Mass	243.02352	40.00%	28.00%	32.00%		97.20941	68.04659	77.76753	
3	Solar Power Plant (SPV & solar thermal)	2,972.33657	35.86%	25.10%	39.05%		1,065.73664	746.01565	1,160.58428	
4	WBA energy against Wind Farms	62.14258	62.28%	19.82%	17.90%		38.70229	12.31975	11.12054	
	<b>Total Renewable energy</b>	<b>7,092.60939</b>	<b>34.32%</b>	<b>22.39%</b>	<b>43.29%</b>		<b>2,434.27670</b>	<b>1,588.15998</b>	<b>3,070.17272</b>	
E.	<b>CPPs</b>									
1	Binani	-	0.00%	0.00%	100.00%		-	-	0.00000	
3	Aditya Cement (i.e.Grasim Industries)	4,58452	0.00%	100.00%	0.00%		-	4,58452	-	
4	J.K.Laksmi cement	1,00305	0.00%	0.00%	100.00%		-	-	1,00305	
5	HZL	9,99998	0.00%	100.00%	0.00%		-	9,99998	-	
7	BIRLA WHITE CEMENT	0.96240	0.00%	0.00%	100.00%		-	-	0.96240	
8	Shree Cement Ltd.	11,66034	100.00%	0.00%	0.00%		11,66034	-	-	
9	Grasim cement , Kotputli (TCC - Jaipur Rural)	-	0.00%	100.00%	0.00%		-	-	-	
10	CCW, Chittorgarh	1,14908	0.00%	100.00%	0.00%		-	1,14908	-	
11	M/s Ginni Global ltd., Neemrana	-	0.00%	100.00%	0.00%		-	-	-	
12	J.K.Cement , Nimbahera	0.97323	0.00%	100.00%	0.00%		-	0.97323	-	
13	J.K. white Cement , Gotan	0.02710	0.00%	100.00%	0.00%		-	0.02710	-	
14	RSWM Ltd.	0.17252	0.00%	100.00%	0.00%		-	0.17252	-	
15	Wonder cement , Nimbahera	0.29118	0.00%	100.00%	0.00%		-	0.29118	-	
20	Sidhidata cement (Nirma ) at Nimbol (at 132 kv Borunda) (T	57.47300	0.00%	0.00%	100.00%		-	-	57.47300	
	<b>CPP Total</b>	<b>88.29640</b>	<b>13.21%</b>	<b>19.48%</b>	<b>67.32%</b>		<b>11.66034</b>	<b>17.19761</b>	<b>59.43845</b>	
F.	<b>Intra state Open Access by CPP</b>									
1	RSWM Industries	163.50262	0.00%	100.00%	0.00%		-	163.50262	-	
2	Hindustan Zinc Limited (HZL)	477.19074	0.00%	100.00%	0.00%		-	477.19074	-	
3	Shree Cement Limited(Kushkhera)	71.77692	100.00%	0.00%	0.00%		71.77692	-	-	
4	Shri Cement Ltd.(Suratgarh).	49.71594	0.00%	0.00%	100.00%		-	-	49.71594	
5	Shri Cement Ltd.(Jobner).	24.03033	100.00%	0.00%	0.00%		24.03033	-	-	
6	Shree Cement Ltd.to Lafarge cement	116.82535	0.00%	100.00%	0.00%		-	116.82535	-	
	<b>Total Intra state Open Access by CPP</b>	<b>903.04190</b>	<b>10.61%</b>	<b>83.89%</b>	<b>5.51%</b>		<b>95.80725</b>	<b>757.51871</b>	<b>49.71594</b>	
G.	<b>Sale to IEX by CPP</b>									
1	Shri Cement Ltd.	32.57355	40.00%	28.00%	32.00%		13.02942	9.12059	10.42354	
2	Hindustan Zinc Limited (HZL)	25.07523	40.00%	28.00%	32.00%		10.03009	7.02106	8.02407	
	<b>Total Intra state Open Access by CPP</b>	<b>57.64878</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>		<b>23.05951</b>	<b>16.14166</b>	<b>18.44761</b>	
	<b>Total Within State Purchase (A to G)</b>	<b>41,413.92939</b>	<b>38.33%</b>	<b>28.24%</b>	<b>33.43%</b>		<b>15,873.73697</b>	<b>11,695.27117</b>	<b>13,844.92125</b>	
	Purchase from Central Station as per ISGS Lines	22,307.11932	40.00%	28.00%	32.00%		8,922.84773	6,245.99341	7,138.27818	
	<b>TOTAL ENERGY AVAILED BY RAJASTHAN (LU)</b>	<b>63,721.04871</b>	<b>38.91%</b>	<b>28.16%</b>	<b>32.93%</b>		<b>24,796.58470</b>	<b>17,941.26458</b>	<b>20,983.19943</b>	

TRANSMISSION LOSS		Within State	
Loss (%)		3.44%	
Loss (LU)		2193.62452	
Net Flow within State Transmission System		63,721.04871	
<b>NET AVAILABILITY TO DISCOMS (LU)</b>		<b>61,527.42419</b>	<b>38.91%</b>
		<b>28.16%</b>	<b>32.93%</b>
		<b>23,942.952</b>	<b>17,323.629</b>
		<b>20,260.844</b>	

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		61527.42419	38.75%	26.24%	34.49%	0.52%	23844.51586	16142.74724	21220.56546	319.59563
Aux Consumption		-28.32481	41.17%	24.18%	34.66%		-11.66069	-6.84754	-9.81658	
Direct Wind Farm injuncton at 33 kV		-	0.00%	0.00%	0.00%		-	-	-	
<b>Net Actual Drawal (LU)</b>		<b>61,499.09938</b>	<b>38.75%</b>	<b>26.24%</b>	<b>34.49%</b>	<b>0.52%</b>	<b>23,832.85517</b>	<b>16,135.89970</b>	<b>21,210.74888</b>	<b>319.59563</b>
<b>Purchase(+)/ Sale(-)</b>		<b>0.00000</b>					<b>-98.43574</b>	<b>-1180.88159</b>	<b>959.72170</b>	<b>319.59563</b>