



**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**

**Feb-17**

**(PROVISIONAL)**

Feb-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
<b>1</b>	<b>Purchase from Central Station</b>							
<b>A. NTPC Stations</b>								
1	Singrauli STPS	2123.50338	40.00%	28.00%	32.00%	849.40135	594.58095	679.52108
2	Rihand STPS	405.72775	40.00%	28.00%	32.00%	162.29110	113.60377	129.83288
3	Dadri TPS		40.00%	28.00%	32.00%	-	-	-
4	Dadri II TPS	105.20793	40.00%	28.00%	32.00%	42.08317	29.45822	33.66654
5	FG Unchahar TPS – I	87.38550	40.00%	28.00%	32.00%	34.95420	24.46794	27.96336
6	FG Unchahar TPS – II	227.44408	40.00%	28.00%	32.00%	90.97763	63.68434	72.78210
7	FG Unchahar – III TPS	127.70908	40.00%	28.00%	32.00%	51.08363	35.75854	40.86690
8	Anta GPPS - GF	89.9054	40.00%	28.00%	32.00%	35.96216	25.17351	28.76973
9	Auraiya GPP - GF	29.68583	40.00%	28.00%	32.00%	11.87433	8.31203	9.49946
10	Dadri GPP - GF	100.282025	40.00%	28.00%	32.00%	40.11281	28.07897	32.09025
11	Dadri GPP - LF		40.00%	28.00%	32.00%	-	-	-
12	Dadri GPP - RF		40.00%	28.00%	32.00%	-	-	-
13	RIHAND-II STPS - Unit	872.44140	40.00%	28.00%	32.00%	348.97656	244.28359	279.18125
14	RIHAND-III STPS - Unit	1047.38765	40.00%	28.00%	32.00%	418.95506	293.26854	335.16405
15	Farakka STPS(From EREB-NTPC Stations)	49.91875	40.00%	28.00%	32.00%	19.96750	13.97725	15.97400
16	Kahalgaon STPS(From EREB-NTPC Stations)	97.0260	40.00%	28.00%	32.00%	38.82904	27.18033	31.06323
17	Kahalgaon - II	398.98385	40.00%	28.00%	32.00%	159.59354	111.71548	127.67483
18	Talcher STPS(From EREB-NTPC Stations)		40.00%	28.00%	32.00%	-	-	-
19	MUNDRA UMPP	2343.92935	40.00%	28.00%	32.00%	937.57174	656.30022	750.05739
20	JHAJJAR STPS	15.27485	40.00%	28.00%	32.00%	6.10994	4.27696	4.88795
21	Koteswar	84.93515	40.00%	28.00%	32.00%	33.97406	23.78184	27.17925
22	Sasan	2383.16945	40.00%	28.00%	32.00%	953.26778	667.28745	762.61422
	<b>NTPC Total</b>	<b>10,589.96400</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>4,235.98560</b>	<b>2,965.18992</b>	<b>3,388.78848</b>
<b>B. NPC Stations</b>								
1	RAPP B	919.74168	40.00%	28.00%	32.00%	367.89667	257.52767	294.31734
2	RAPP C	594.20732	40.00%	28.00%	32.00%	237.68293	166.37805	190.14634
3	Narora APP	332.67989	40.00%	28.00%	32.00%	133.07196	93.15037	106.45757
	<b>NPC Total</b>	<b>1,846.62889</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>738.65156</b>	<b>517.05609</b>	<b>590.92124</b>
<b>C. NHPC Stations</b>								
1	Salal HEP	41.01455	40.00%	28.00%	32.00%	16.40582	11.48407	13.12466
2	Tanakpur HEP	4.89150	40.00%	28.00%	32.00%	1.95660	1.36962	1.56528
3	Chamera HEP	189.69945	40.00%	28.00%	32.00%	75.87978	53.11585	60.70382
4	Uri HEP	238.09098	40.00%	28.00%	32.00%	95.23639	66.66547	76.18911
5	Uri HEP-II	154.86173	40.00%	28.00%	32.00%	61.94469	43.36128	49.55575
6	Chamera HEP - II	50.34113	40.00%	28.00%	32.00%	20.13645	14.09552	16.10916
7	Chamera HEP - III		40.00%	28.00%	32.00%	-	-	-
8	Parbati-III	14.47505	40.00%	28.00%	32.00%	5.79002	4.05301	4.63202
9	Dulhasi HEP	104.42468	40.00%	28.00%	32.00%	41.76987	29.23891	33.41590
10	DHAULIGANGA HEP	24.73250	40.00%	28.00%	32.00%	9.89300	6.92510	7.91440
11	Rampur HEP	43.08615	40.00%	28.00%	32.00%	17.23446	12.06412	13.78757
12	SEWA-II HEP	90.77108	40.00%	28.00%	32.00%	36.30843	25.41590	29.04674
13	KOLDAM HEP	78.91558	40.00%	28.00%	32.00%	31.56623	22.09636	25.25298
	<b>NHPC Total</b>	<b>1,035.30435</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>414.12174</b>	<b>289.88522</b>	<b>331.29739</b>
<b>D. Inter-Regional Purchase At PP Periphery</b>								
<b>E. DEVIATION Energy</b>								
	Purchase(+)/ Sale(-)	912.44331	70.23%	-27.55%	57.32%	640.81047	-251.34944	522.98228
	<b>DEVIATION ENERGY TOTAL</b>	<b>912.44331</b>	<b>70.23%</b>	<b>-27.55%</b>	<b>57.32%</b>	<b>640.81047</b>	<b>-251.34944</b>	<b>522.98228</b>
<b>F(1). INTER-REGIONAL Bilateral Energy Purchase(+)/ Sale(-) in Other Region</b>								
<b>1</b>	<b>NVVN</b>							
i)	Rajasthan to Karnataka (Rajsolar)	-202.70896	40.00%	28.00%	32.00%	-81.08358	-56.75851	-64.86687
<b>2</b>	<b>DSOLARPPL</b>							
ii)	Rajasthan to Maharashtra (DSOLARPPL)	-56.02878	40.00%	28.00%	32.00%	-22.41151	-15.68806	-17.92921
<b>3</b>	<b>SECI</b>							
i)	Rajasthan to Chhatisgarh(-)	-81.18098	40.00%	28.00%	32.00%	-32.47239	-22.73067	-25.97791
<b>4</b>	<b>JITPL</b>							
i)	Orissa to Rajasthan(+)(WCR-RAJ)	19.72241	40.00%	28.00%	32.00%	7.88896	5.52227	6.31117
<b>5</b>	<b>NIRMAALND</b>							
i)	Rajasthan to Gujrat (NIRMAALND)	-47.61560	40.00%	28.00%	32.00%	-19.04624	-13.33237	-15.23699
<b>6</b>	<b>RAJSN</b>							
i)	Chhatisgarh to Rajasthan(+)	1378.14318	40.00%	28.00%	32.00%	551.25727	385.88009	441.00582
<b>7</b>	<b>Power Exchange (PX / IEX)</b>							
i)	PX-IEX to Rajasthan (JVNL+ other Traders)	1775.30445	40.00%	28.00%	32.00%	710.12178	497.08525	568.09742
ii)	Rajasthan to PX-IEX (JVNL+ other Traders)	-370.52025	40.00%	28.00%	32.00%	-148.20810	-103.74567	-118.56648
	<b>Bilateral Total (Other REGION)</b>	<b>2415.11547</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>966.04619</b>	<b>676.23233</b>	<b>772.83695</b>
<b>G. INTRA-REGIONAL Bilateral Energy Purchase(+)/ Sale(-) within the Region (at Seller's Periphery)</b>								
<b>1</b>	<b>NVVN</b>							
i)	Rajasthan to Punjab/UP(Raj_solar)	-154.66830	40.00%	28.00%	32.00%	-61.86732	-43.30712	-49.49386
<b>2</b>	<b>RAJSN</b>							
i)	KWHEP to Rajasthan	87.31390	40.00%	28.00%	32.00%	34.92556	24.44789	27.94045
<b>3</b>	<b>SECI</b>							
i)	Rajasthan to Del./Har/Himan. (Raj_solar)	-288.03513	40.00%	28.00%	32.00%	-115.21405	-80.64984	-92.17124
<b>4</b>	<b>PTC</b>							
i)	Delhi to Rajasthan	394.27460	40.00%	28.00%	32.00%	157.70984	110.39689	126.16787
<b>5</b>	<b>APPCL</b>							
i)	UP to Rajasthan	619.51025	40.00%	28.00%	32.00%	247.80410	173.46287	198.24328
	Punjab to Rajasthan	567.95340	40.00%	28.00%	32.00%	227.18136	159.02695	181.74509
	Delhi to Rajasthan	167.74440	40.00%	28.00%	32.00%	67.09776	46.96843	53.67821
<b>6</b>	<b>Mittal</b>							
i)	UP to Rajasthan	261.72700	40.00%	28.00%	32.00%	104.69080	73.28356	83.75264
<b>7</b>	<b>Manikaran</b>							
	Punjab to Rajasthan	283.97670	40.00%	28.00%	32.00%	113.59068	79.51348	90.87254
	<b>Bilateral Purchase(+)/ Sale(-)(Within the REGION)</b>	<b>1939.79682</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>775.91873</b>	<b>543.14311</b>	<b>620.73498</b>
<b>H. OTHERS</b>								
1	Bhakra - RFF	155.00000	100.00%	0.00%	0.00%	155.00000	-	-
2	Nathpa Jhakri HEP	158.18230	40.00%	28.00%	32.00%	63.27292	44.29104	50.61834
3	TEHRI HEP	200.15073	40.00%	28.00%	32.00%	80.06029	56.04220	64.04823
	<b>Others Total</b>	<b>513.33003</b>	<b>58.12%</b>	<b>19.55%</b>	<b>22.34%</b>	<b>298.33321</b>	<b>100.33321</b>	<b>114.66657</b>
<b>I. Share of RVPN from Partnership Project of BBMB</b>								
1	Bhakra HEP	443.37953	40.00%	28.00%	32.00%	177.35181	124.14627	141.88145
2	Dehar HEP	196.72085	40.00%	28.00%	32.00%	78.68834	55.08184	62.95067
3	Pong HEP	784.15690	40.00%	28.00%	32.00%	313.66276	219.56393	250.93021
	<b>BBMB Total</b>	<b>1,424.25728</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>569.70291</b>	<b>398.79204</b>	<b>455.76233</b>
	<b>Total Outside Purchases (A to I)</b>	<b>20,676.84314</b>	<b>41.78%</b>	<b>25.34%</b>	<b>32.88%</b>	<b>8,639.57040</b>	<b>5,239.28251</b>	<b>6,797.99023</b>

Feb-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
<b>2</b>	<b>Within State Purchase</b>							
<b>A.</b>	<b>RAPP-A</b>							
1	RAPP-Unit 2	1,119.10400	40.00%	28.00%	32.00%	447.64160	313.34912	358.11328
	<b>Total RAPP-A</b>	<b>1,119.10400</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>447.64160</b>	<b>313.34912</b>	<b>358.11328</b>
<b>B.</b>	<b>Energy Availed from RVPN share of Chambal - Satpura complex</b>							
1	Chambal (RPS+JS+GS)	1,048.53000	40.00%	28.00%	32.00%	419.41200	293.58840	335.52960
	<b>Chambal+Satpura TOTAL</b>	<b>1048.53000</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>419.41200</b>	<b>293.58840</b>	<b>335.52960</b>
<b>Cl.</b>	<b>Generating Stations of RVUN</b>							
1	Kota TPS	4,167.50373	40.00%	28.00%	32.00%	1,667.00149	1,166.90104	1,333.60119
2	Suratgarh TPS	1,299.34040	40.00%	28.00%	32.00%	519.73616	363.81531	415.78893
3	Ramgarh GTPS(firm power)	1,119.31200	40.00%	28.00%	32.00%	447.72480	313.40736	358.17984
4	Mahi - I & Mahi - II	175.12090	40.00%	28.00%	32.00%	70.04836	49.03385	56.03869
5	STPS MMH	1.80120	40.00%	28.00%	32.00%	0.72048	0.50434	0.57638
6	Mini Micro Hydel	2.75080	40.00%	28.00%	32.00%	1.10032	0.77022	0.88026
7	Mangrol	13.31238	40.00%	28.00%	32.00%	5.32495	3.72747	4.25996
8	Dholpur Combined Cycle Power Project(DCCPP)	19.49000	40.00%	28.00%	32.00%	7.79600	5.45720	6.23680
9	Giral Lignite Thermal Power Station (unit - I)	(1.32390)	40.00%	28.00%	32.00%	-0.52956	-0.37069	-0.42365
10	Giral Lignite Thermal Power Station (unit - II)		40.00%	28.00%	32.00%	0.00000	0.00000	0.00000
11	CHHABRA TPS	5,614.38000	40.00%	28.00%	32.00%	2,245.75200	1,572.02640	1,796.60160
12	Kalisindh TPP	6,275.07870	40.00%	28.00%	32.00%	2,510.03148	1,757.02204	2,008.02518
	<b>RVUN Total</b>	<b>18,686.76621</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>7,474.70648</b>	<b>5,232.29454</b>	<b>5,979.76519</b>
<b>C2.</b>	<b>Other Thermal Generating Stations in Rajasthan</b>							
1	RAJWEST	4,937.80000	40.00%	28.00%	32.00%	1,975.12000	1,382.58400	1,580.09600
2	Adani power at Kawai	7,265.71364	40.00%	28.00%	32.00%	2,906.29	2,034.40	2,325.03
3	Barsingar	1,395.39760	40.00%	28.00%	32.00%	558.16	390.71	446.53
4	V.S.Lignite	(1.55840)	40.00%	28.00%	32.00%	-0.62336	-0.43635	-0.49869
	<b>Total (Other thermal Generators IPP)</b>	<b>13,597.35284</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>5,438.94114</b>	<b>3,807.25880</b>	<b>4,351.15291</b>
<b>D.</b>	<b>Wind farm , Bio-Mass and Solar Generators</b>							
1	Wind farm injection at 220 /132/ 33 kV	3,435.86098	27.32%	19.86%	52.82%	938.64478	682.53211	1,814.68409
2	Bio-Mass	190.83816	40.00%	28.00%	32.00%	76.33526	53.43468	61.06821
3	Solar Power Plant (SPV & solar thermal)	1,836.56200	33.13%	23.19%	43.68%	608.39560	425.87690	802.28950
	<b>Total Renewable energy</b>	<b>5,463.26114</b>	<b>29.71%</b>	<b>21.27%</b>	<b>49.02%</b>	<b>1,623.37564</b>	<b>1,161.84369</b>	<b>2,678.04180</b>
<b>E.</b>	<b>WBA energy against Wind Farms</b>							
1	WBA energy against Wind Farms	98.42264	55.30%	37.30%	7.39%	54.42856	36.71637	7.27771
	<b>Total WBA against Wind Farms</b>	<b>98.42264</b>	<b>55.30%</b>	<b>37.30%</b>	<b>7.39%</b>	<b>54.42856</b>	<b>36.71637</b>	<b>7.27771</b>
<b>F.</b>	<b>CPPs</b>							
1	Binani	0.03360	0.00%	0.00%	100.00%	-	-	0.03360
3	Aditya Cement (i.e.Grasim Industries)	3.47597	0.00%	100.00%	0.00%	-	3.47597	-
4	J.K.Laksmi cement	0.71472	0.00%	0.00%	100.00%	-	-	0.71472
5	HZL	3.02023	0.00%	100.00%	0.00%	-	3.02023	-
7	BIRLA WHITE CEMENT	0.03720	0.00%	0.00%	100.00%	-	-	0.03720
8	Shree Cement Ltd.	14.09409	100.00%	0.00%	0.00%	14.09409	-	-
9	Grasim cement , Kotputli (TCC - Jaipur Rural)	0.27000	0.00%	100.00%	0.00%	-	0.27000	-
10	CCW, Chittorgarh	0.30686	0.00%	100.00%	0.00%	-	0.30686	-
11	M/s Ginni Global Ltd., Neemrana	-	0.00%	100.00%	0.00%	-	-	-
12	J.K.Cement , Nimbahera	0.26558	0.00%	100.00%	0.00%	-	0.26558	-
13	J.K. white Cement , Gotan	0.00912	0.00%	100.00%	0.00%	-	0.00912	-
14	RSWM Ltd.	-	0.00%	100.00%	0.00%	-	-	-
15	Wonder cement , Nimbahera	0.37546	0.00%	100.00%	0.00%	-	0.37546	-
20	Sidhidata cement (Nirma ) at Nimbol (at 132 kv Borunda) (TCC)	52.03700	0.00%	0.00%	100.00%	-	-	52.03700
	<b>CPP Total</b>	<b>74.63985</b>	<b>18.88%</b>	<b>10.35%</b>	<b>70.77%</b>	<b>14.09409</b>	<b>7.72324</b>	<b>52.82252</b>
<b>G.</b>	<b>Intra state Open Access by CPP</b>							
1	RSWM Industries	80.77592	0.00%	100.00%	0.00%	-	80.77592	-
2	Hindustan Zinc Limited (HZL)	508.58851	0.00%	100.00%	0.00%	-	508.58851	-
3	Shree Cement Limited(Kushkhara)	66.32282	100.00%	0.00%	0.00%	66.32282	-	-
4	Shri Cement Ltd.(Suratgarh).	36.44721	0.00%	0.00%	100.00%	-	-	36.44721
5	Shri Cement Ltd.(Jobner).	21.62749	100.00%	0.00%	0.00%	21.62749	-	-
6	Shree Cement Ltd.to Lafarge cement	118.50849	0.00%	100.00%	0.00%	-	118.50849	-
	<b>Total Intra state Open Access by CPP</b>	<b>832.27044</b>	<b>10.57%</b>	<b>85.05%</b>	<b>4.38%</b>	<b>87.95031</b>	<b>707.87292</b>	<b>36.44721</b>
<b>H.</b>	<b>Sale to PX / IEX / Trader</b>							
1	Sale to IEX excluding sale by other thanJVNL (+)(370.52025-362.21)/9585)	8.67006	40.00%	28.00%	32.00%	3.46802	2.42762	2.77442
	<b>Total purchase from Others</b>	<b>8.67006</b>	<b>40.00%</b>	<b>28.00%</b>	<b>32.00%</b>	<b>3.46802</b>	<b>2.42762</b>	<b>2.77442</b>
	<b>Total Within State Purchase (A to H)</b>	<b>40,929.01718</b>	<b>38.03%</b>	<b>28.25%</b>	<b>33.72%</b>	<b>15,564.01785</b>	<b>11,563.07469</b>	<b>13,801.92464</b>
	<b>PURCHASE from Northern Grid (w/o UI)</b>	<b>19,764.39983</b>	<b>40.47%</b>	<b>27.78%</b>	<b>31.75%</b>	<b>7,998.75993</b>	<b>5,490.63195</b>	<b>6,275.00794</b>
	<b>Deviation PURCHASE / (SALE)</b>	<b>912.44331</b>	<b>70.23%</b>	<b>-27.55%</b>	<b>57.32%</b>	<b>640.81047</b>	<b>-251.34944</b>	<b>522.98228</b>
	<b>WITHIN STATE PURCHASE</b>	<b>40,929.01718</b>	<b>38.03%</b>	<b>28.25%</b>	<b>33.72%</b>	<b>15,564.01785</b>	<b>11,563.07469</b>	<b>13,801.92464</b>
	<b>TOTAL ENERGY AVAILED BY RAJASTHAN (LU)</b>	<b>61,605.86031</b>	<b>39.29%</b>	<b>27.27%</b>	<b>33.44%</b>	<b>24,203.58825</b>	<b>16,802.35721</b>	<b>20,599.91486</b>
	<b>TRANSMISSION LOSS</b>		<b>Overall</b>	<b>Within State</b>	<b>Outside State</b>			
	<b>Loss (%)</b>		<b>5.04%</b>	<b>3.52%</b>	<b>4.93%</b>	<b>0.00%</b>	<b>0.00%</b>	
	<b>Loss (LU)</b>		<b>3106.61003</b>	<b>2132.34583</b>	<b>974.26421</b>			
	Net Flow within State Transmission System	60,631.59611						
	<b>NET AVAILABILITY TO DISCOMs (LU)</b>	<b>58,499.25028</b>	<b>39.29%</b>	<b>27.27%</b>	<b>33.44%</b>	<b>22,983.069</b>	<b>15,955.062</b>	<b>19,561.119</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	58499.25028	Jaipur	Ajmer	Jodhpur	Jaipur	Ajmer	Jodhpur
	Aux Consumption	-20.86029	38.22%	28.89%	32.89%	22358.12708	16900.46455	19240.65865
	Debit(-)	-	38.98%	29.73%	31.29%	-8.13157	-6.20172	-6.52700
	Credit(+)	-	0.00%	0.00%	0.00%	-	-	-
	Direct Wind Farm injection at 33 kV	-	0.00%	0.00%	0.00%	-	-	-
	<b>Net Actual Drawal (LU)</b>	<b>58,478.38999</b>	<b>38.22%</b>	<b>28.89%</b>	<b>32.89%</b>	<b>22,349.99551</b>	<b>16,894.26283</b>	<b>19,234.13165</b>
	<b>Purchase(+)/ Sale(-)</b>	<b>0.00000</b>				<b>-624.94238</b>	<b>945.40289</b>	<b>-320.46052</b>