



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

Nov-16

(PROVISIONAL)

Nov-16		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							
A. NTPC Stations								
1	Singrauli STPS	2495.11165	40.00%	28.00%	32.00%	998.04466	698.63126	798.43573
2	Rihand STPS	808.73678	40.00%	28.00%	32.00%	323.49471	226.44630	258.79577
3	Dadri TPS		40.00%	28.00%	32.00%	-	-	-
3	Dadri II TPS	198.01165	40.00%	28.00%	32.00%	79.20466	55.44326	63.36373
4	FG Unchahar TPS - I	109.15713	40.00%	28.00%	32.00%	43.66285	30.56400	34.93028
5	FG Unchahar TPS - II	294.47460	40.00%	28.00%	32.00%	117.78984	82.45289	94.23187
6	FG Unchahar - III TPS	170.59028	40.00%	28.00%	32.00%	68.23611	47.76528	54.58889
7	Anta GPPS - GF	43.44935	40.00%	28.00%	32.00%	17.37974	12.16582	13.90379
8	Anta GPP - LF		40.00%	28.00%	32.00%	-	-	-
9	Anta GPP - RF		40.00%	28.00%	32.00%	-	-	-
10	Auraiya GPP - GF		40.00%	28.00%	32.00%	-	-	-
11	Auraiya GPP - LF		40.00%	28.00%	32.00%	-	-	-
12	Auraiya GPP - RF		40.00%	28.00%	32.00%	-	-	-
13	Dadri GPP - GF	282.186325	40.00%	28.00%	32.00%	112.87453	79.01217	90.29962
14	Dadri GPP - LF	0.28185	40.00%	28.00%	32.00%	0.11274	0.07892	0.09019
15	Dadri GPP - RF		40.00%	28.00%	32.00%	-	-	-
16	RHAND-II STPS - Unit	941.54013	40.00%	28.00%	32.00%	376.61605	263.63124	301.29284
17	RHAND-III STPS - Unit	1070.53348	40.00%	28.00%	32.00%	428.21339	299.74937	342.57071
18	Farakka STPS(From EREB-NTPC Stations)	63.09708	40.00%	28.00%	32.00%	25.23883	17.66718	20.19107
19	Kahalgaon STPS(From EREB-NTPC Stations)	137.61552	40.00%	28.00%	32.00%	55.04621	38.53235	44.03697
20	Kahalgaon - II	637.71408	40.00%	28.00%	32.00%	255.08563	178.55994	204.06851
21	Talcher STPS(From EREB-NTPC Stations)		40.00%	28.00%	32.00%	-	-	-
22	MUNDRA_UMPP	1824.61350	40.00%	28.00%	32.00%	729.84540	510.89178	583.87632
23	JHAJJAR STPS		40.00%	28.00%	32.00%	-	-	-
24	Koteswar	57.12813	40.00%	28.00%	32.00%	22.85125	15.99588	18.28100
25	Sasan	2613.29310	40.00%	28.00%	32.00%	1,045.31724	731.72207	836.25379
	NTPC Total	11,747.53461	40.00%	28.00%	32.00%	4,699.01384	3,289.30969	3,759.21107
B. NPC Stations								
1	RAPP B	986.77484	40.00%	28.00%	32.00%	394.70993	276.29695	315.76795
2	RAPP C	294.29588	40.00%	28.00%	32.00%	117.71835	82.40285	94.17468
3	Narora APP	286.73812	40.00%	28.00%	32.00%	114.69525	80.28667	91.75620
	NPC Total	1,567.80884	40.00%	28.00%	32.00%	627.12353	438.98647	501.69883
C. NHPC Stations								
1	Salal HEP	25.94463	40.00%	28.00%	32.00%	10.37785	7.26450	8.30228
2	Tanakpur HEP	24.90719	40.00%	28.00%	32.00%	9.96287	6.97401	7.97030
3	Chamera HEP	113.13938	40.00%	28.00%	32.00%	45.25575	31.67903	36.20460
4	Uri HEP	50.43910	40.00%	28.00%	32.00%	20.17564	14.12295	16.14051
5	Uri HEP-II	45.27538	40.00%	28.00%	32.00%	18.11015	12.67711	14.48812
6	Chamera HEP - II	41.12035	40.00%	28.00%	32.00%	16.44814	11.51370	13.15851
7	Chamera HEP - III	24.32488	40.00%	28.00%	32.00%	9.72995	6.81097	7.73896
8	Parbati-III	19.61955	40.00%	28.00%	32.00%	7.84782	5.49347	6.27826
9	Dulhasti HEP	127.89760	40.00%	28.00%	32.00%	51.15904	35.81133	40.92723
10	DHAULIGANGA HEP	35.57253	40.00%	28.00%	32.00%	14.22901	9.96031	11.38321
11	Rampur HEP	56.67998	40.00%	28.00%	32.00%	22.67199	15.87039	18.13759
12	SEWA-II HEP	10.01598	40.00%	28.00%	32.00%	4.00639	2.80447	3.20511
13	KOLDAM HEP	99.19625	40.00%	28.00%	32.00%	39.67850	27.77495	31.74280
	NHPC Total	674.13276	40.00%	28.00%	32.00%	269.65310	188.75717	215.72248
D. Inter-Regional Purchase At PP Periphery								
E. DEVIATION Energy								
Purchase(+)/ Sale(-)		657.81266	141.12%	-1.35%	-39.76%	928.28359	-8.91225	-261.55865
DEVIATION ENERGY TOTAL		657.81266	141.12%	-1.35%	-39.76%	928.28359	-8.91225	-261.55865
F(I). INTER-REGIONAL Bilateral Energy Purchase(+)/ Sale(-) in Other Region								
1	NVVN							
i)	Rajasthan to Karnataka (RajSolar)	-202.49260	40.00%	28.00%	32.00%	-80.99704	-56.69793	-64.79763
2	DSOLARPPL							
ii)	Rajasthan to Maharashtra (DSOLARPPL)	-51.08208	40.00%	28.00%	32.00%	-20.43283	-14.30298	-16.34627
3	SECI							
i)	Rajasthan to Chhatisgarh(-)	-81.09098	40.00%	28.00%	32.00%	-32.43639	-22.70547	-25.94911
7	IEX							
i)	Chhatisgarh to Rajasthan(+)	439.20140	40.00%	28.00%	32.00%	175.68056	122.97639	140.54445
4	NIRMAALND							
i)	Rajasthan to Gujrat (NIRMAALND)	-48.32880	40.00%	28.00%	32.00%	-19.33152	-13.53206	-15.46522
8	RAJSN							
i)	Chhatisgarh to Rajasthan(+)	50.21760	40.00%	28.00%	32.00%	20.08704	14.06093	16.06963
5	Power Exchange (PX / IEX)							
i)	PX-IEX to Rajasthan (JVNL+other Traders)	5707.21870	40.00%	28.00%	32.00%	2282.88748	1598.02124	1826.30998
ii)	Rajasthan to PX-IEX (JVNL+other Traders)	-0.11250	40.00%	28.00%	32.00%	-0.04500	-0.03150	-0.03600
	Bilateral Total (Other REGION)	5813.53074	40.00%	28.00%	32.00%	2325.41230	1627.78861	1860.32984
G. INTRA-REGIONAL Bilateral Energy Purchase(+)/ Sale(-) within the Region (at Seller's Periphery)								
1	NVVN							
i)	Rajasthan to Punjab/UP/Raj solar	-149.08702	40.00%	28.00%	32.00%	-59.63481	-41.74437	-47.70785
2	RAJSN							
i)	KWHEP to Rajasthan	130.83095	40.00%	28.00%	32.00%	52.33238	36.63267	41.86590
3	SECI							
i)	Rajasthan to Del./Har/Himan. (Raj solar)	-286.19063	40.00%	28.00%	32.00%	-114.47625	-80.13338	-91.58100
4	PTC							
i)	Delhi to Rajasthan	425.08300	40.00%	28.00%	32.00%	170.03320	119.02324	136.02656
5	APPCL							
i)	UP to Rajasthan	670.95800	40.00%	28.00%	32.00%	268.38320	187.86824	214.70656
6	Mittal							
i)	UP to Rajasthan	281.72200	40.00%	28.00%	32.00%	112.68880	78.88216	90.15104
	Bilateral Purchase(+)/ Sale(-)(Within the REGION)	1073.31630	40.00%	28.00%	32.00%	429.32652	300.52856	343.46122
H. OTHERS								
1	Bhakhra - RFF	150.00000	100.00%	0.00%	0.00%	150.00000	-	-
2	Nathra Jhakri HEP	199.18723	40.00%	28.00%	32.00%	79.67489	55.77242	63.73991
3	TEHRI HEP	148.89518	40.00%	28.00%	32.00%	59.55807	41.69065	47.64646
	Others Total	498.08240	58.07%	19.57%	22.36%	289.23296	97.46307	111.38637
I. Share of RVPN from Partnership Project of BBMB								
1	Bhakhra HEP	499.84695	40.00%	28.00%	32.00%	199.93878	139.95715	159.95102
2	Dehar HEP	225.80050	40.00%	28.00%	32.00%	90.32020	63.22414	72.25616
3	Pong HEP	786.32063	40.00%	28.00%	32.00%	314.52825	220.16978	251.62260
	BBMB Total	1,511.96808	40.00%	28.00%	32.00%	604.78723	423.35106	483.82978
	Total Outside Purchases (A to I)	23,544.18638	43.21%	27.00%	29.79%	10,172.83308	6,357.27239	7,014.08094

Nov-16		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
2	Within State Purchase							
A.	RAPP-A							
1	RAPP-Unit 2	540.03200	40.00%	28.00%	32.00%	216.01280	151.20896	172.81024
	Total RAPP-A	540.03200	40.00%	28.00%	32.00%	216.01280	151.20896	172.81024
B.	Energy Availed from RVPN share of Chambal - Satpura complex							
1	Chambal (RPS+JS+GS)	1,235.63000	40.00%	28.00%	32.00%	494.25200	345.97640	395.40160
	Chambal +Satpura TOTAL	1235.63000	40.00%	28.00%	32.00%	494.25200	345.97640	395.40160
C1.	Generating Stations of RVUN							
1	Kota TPS	7,080.01920	40.00%	28.00%	32.00%	2,832.00768	1,982.40538	2,265.60614
2	Suratgarh TPS	4,553.20910	40.00%	28.00%	32.00%	1,821.28364	1,274.89855	1,457.02691
3	Ramgarh GTPS (firm power)	1,138.60830	40.00%	28.00%	32.00%	455.44332	318.81032	364.35466
4	Mahi - I & Mahi - II	118.67504	40.00%	28.00%	32.00%	47.47002	33.22901	37.97601
5	STPS MMH	0.51050	40.00%	28.00%	32.00%	0.20420	0.14294	0.16336
6	Mini Micro Hydels	0.15370	40.00%	28.00%	32.00%	0.06148	0.04304	0.04918
7	Mangrol	9.38261	40.00%	28.00%	32.00%	3.75304	2.62713	3.00244
8	Dholpur Combined Cycle Power Project (DCCPP)	(18.11000)	40.00%	28.00%	32.00%	-7.24400	-5.07800	-5.79520
9	Giral Lignite Thermal Power Station (unit - I)	(2.40390)	40.00%	28.00%	32.00%	-0.96156	-0.67309	-0.76925
10	Giral Lignite Thermal Power Station (unit - II)	(1.19000)	40.00%	28.00%	32.00%	-0.47600	-0.33320	-0.38080
11	CHHABRA TPS	5,861.18000	40.00%	28.00%	32.00%	2,344.47200	1,641.13040	1,875.57760
12	Kalisindh TPP	3,429.04800	40.00%	28.00%	32.00%	1,371.61920	960.13344	1,097.29536
	RVUN Total	22,169.08255	40.00%	28.00%	32.00%	8,867.63302	6,207.34311	7,094.10642
C2.	Other Thermal Generating Stations in Rajasthan							
1	RAJWEST	5,671.14000	40.00%	28.00%	32.00%	2,268.45600	1,587.91920	1,814.76480
2	Adani power at Kawai	3,705.92454	40.00%	28.00%	32.00%	1,482.37	1,037.66	1,185.90
3	Barsingar	1,281.08000	40.00%	28.00%	32.00%	512.43	358.70	409.95
4	V.S.Lignite (1.57120)	(1.57120)	40.00%	28.00%	32.00%	-0.62848	-0.43994	-0.50278
	Total (Other thermal Generators IPP)	10,656.57334	40.00%	28.00%	32.00%	4,262.62934	2,983.84054	3,410.10347
D.	Wind farm , Bio-Mass and Solar Generators							
1	Wind farm injection at 220 /132/ 33 kV	1,468,81159	29.82%	22.01%	48.17%	438.02945	323.27121	707.51093
2	Bio-Mass	219,50876	40.00%	28.00%	32.00%	87,80350	61,46245	70,24280
3	Solar Power Plant (SPV & solar thermal)	1,655,27462	33.15%	23.20%	43.65%	548,64236	384,04965	722,58261
	Total Renewable energy	3,343,59497	32.14%	22.99%	44.87%	1,074.47531	768.78331	1,500.33635
E.	WBA energy against Wind Farms							
1	WBA energy against Wind Farms	44,19298	55.31%	36.37%	8.32%	24,44423	16,07132	3,67743
	Total WBA against Wind Farms	44,19298	55.31%	36.37%	8.32%	24,44423	16,07132	3,67743
F.	CPPs							
1	Binani	0.08506	0.00%	0.00%	100.00%	-	-	0.08506
2	Ambuja Cement	-	0.00%	0.00%	100.00%	0.00000	0.00000	0.00000
3	Aditya Cement (i.e.Grassim Industries)	1.51580	0.00%	100.00%	0.00%	-	1.51580	-
4	J.K.Laksmi cement	0.20000	0.00%	0.00%	100.00%	-	-	0.20000
5	HZL	7.95442	0.00%	100.00%	0.00%	-	7.95442	-
6	DSCL	-	100.00%	0.00%	0.00%	0.00000	-	-
7	BIRLA WHITE CEMENT	-	0.00%	0.00%	100.00%	-	-	-
8	Shree Cement Ltd.	14.30856	100.00%	0.00%	0.00%	14.30856	-	-
9	Grasim cement , Kotputli (TCC - Jaipur Rural)	0.78000	0.00%	100.00%	0.00%	-	0.78000	-
10	CCW, Chittorgarh	2.06806	0.00%	100.00%	0.00%	-	2.06806	-
11	M/s Ginni Global Ltd., Neemrana	-	0.00%	100.00%	0.00%	-	-	-
12	J.K.Cement , Nimbahera	0.86280	0.00%	100.00%	0.00%	-	0.86280	-
13	J.K. white Cement , Gotan	0.01978	0.00%	100.00%	0.00%	-	0.01978	-
14	RSWM Ltd.	0.85258	0.00%	100.00%	0.00%	-	0.85258	-
15	Wonder cement , Nimbahera	0.81409	0.00%	100.00%	0.00%	-	0.81409	-
20	Sidhidata cement (Nirma) at Nimbol (at 132 kv Borunda) (TC	51.55600	0.00%	0.00%	100.00%	-	-	51.55600
	CPP Total	81.01714	17.66%	18.35%	63.99%	14.30856	14.86752	51.84106
G.	Intra state Open Access by CPP							
1	RSWM Industries	158.32479	0.00%	100.00%	0.00%	-	158.32479	-
2	Hindustan Zinc Limited (HZL)	556.13685	0.00%	100.00%	0.00%	-	556.13685	-
3	Shree Cement Limited(Kushkhara)	65.88314	100.00%	0.00%	0.00%	65.88314	-	-
4	Shri Cement Ltd.(Suratgarh).	46.41156	0.00%	0.00%	100.00%	-	-	46.41156
5	Shri Cement Ltd.(Jobner).	18.37511	100.00%	0.00%	0.00%	18.37511	-	-
6	Shree Cement Ltd.to Lafarge cement	158.85763	0.00%	100.00%	0.00%	-	158.85763	-
	Total Intra state Open Access by CPP	1,003.98908	8.39%	86.98%	4.62%	84.25825	873.31927	46.41156
H.	Sale to PX / IEX / Trader							
1	Sale to IEX excluding sale by other than JVVNL (+)(-	40.00%	28.00%	32.00%	-	-	-
	Total purchase from Others	-	0.00%	0.00%	0.00%	-	-	-
	Total Within State Purchase (A to H)	39,074.11206	38.49%	29.08%	32.44%	15,038.01351	11,361.41043	12,674.68812
	PURCHASE from Northern Grid (w/o UD)	22,886.37372	40.39%	27.82%	31.79%	9,244.54949	6,366.18464	7,275.63959
	Deviation PURCHASE / (SALE)	657.81266	141.12%	-1.35%	-39.76%	928.28359	-8.91225	-261.55865
	WITHIN STATE PURCHASE	39,074.11206	38.49%	29.08%	32.44%	15,038.01351	11,361.41043	12,674.68812
	TOTAL ENERGY AVAILED BY RAJASTHAN (LU)	62,618.29843	40.26%	28.30%	31.44%	25,210.84659	17,718.68282	19,688.76906
	TRANSMISSION LOSS							
	Overall							
	Loss (%)	4.89%	3.67%	3.49%	0.00%	0.00%		
	Loss (LU)	3065.09350	2265.98937	799.10414				
	Net Flow within State Transmission System	61,819.19430						
	NET AVAILABILITY TO DISCOMS (LU)	59,553.20493	40.26%	28.30%	31.44%	23,976.805	16,851.374	18,725.027
	DISCOMS - ACTUAL DRAWAL							
	ENERGY DRAWAL (LU)	TOTAL	Discomwise Drawal (%)			Discomwise Energy (LU)		
			Jaipur	Ajmer	Jodhpur	Jaipur	Ajmer	Jodhpur
	Gross actual drawl by discom	59553.20493	40.30%	28.86%	30.84%	24000.28642	17186.53948	18366.37903
	Aux Consumption	-22.81023	45.00%	28.03%	26.98%	-10.26366	-6.39296	-6.15361
	Debit(-)	-	0.00%	0.00%	0.00%	-	-	-
	Credit(+)	-	0.00%	0.00%	0.00%	-	-	-
	Direct Wind Farm injection at 33 kV	-	0.00%	0.00%	0.00%	-	-	-
	Net Actual Drawal (LU)	59,530.39470	40.30%	28.86%	30.84%	23,990.02276	17,180.14652	18,360.22542
	Purchase(+)/ Sale(-)	-0.00003				23.48170	335.16575	-358.64749