



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. 935

Dated:- 22.8.2019

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

Subject :- Provisional Energy Account of generating stations and Discoms for the month of July' 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	2503.32766	3.46%

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 (Comml), 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

Jul-19

(PROVISIONAL)

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
			Jaipur	Ajmer	Jodhpur	Railway	Jaipur	Ajmer	Jodhpur	Railway
1	Purchase from Central Station as per ISGS Lines	19,498.49003	40.27%	27.14%	32.59%	7,852.04194	5,291.89019	6,354.55790		
	Total Outside Purchases (1)	19,498.49003	40.27%	27.14%	32.59%	7,852.04194	5,291.89019	6,354.55790		
2	Within State Purchase									
A.	RAPP-A									
1	RAPP-Unit 2	1,104.44800	40.27%	27.14%	32.59%	444.76121	299.74719	359.93960		
	Total RAPP-A	1,104.44800	40.27%	27.14%	32.59%	444.76121	299.74719	359.93960		
B.	Energy Availed from RVPN share of Chambal - Satpura									
1	Chambal (RPS+JS+GS)	63.36000	40.27%	27.14%	32.59%	25.51507	17.19590	20.64902		
	Chambal +Satpura TOTAL	63.36000	40.27%	27.14%	32.59%	25.51507	17.19590	20.64902		
C1.	Generating Stations of RVUN									
1	Kota TPS	4,285.00712	40.27%	27.14%	32.59%	1,725.57237	1,162.95093	1,396.48382		
2	Suratgarh TPS	4,264.53259	40.27%	27.14%	32.59%	1,717.32727	1,157.39414	1,389.81117		
3	Ramgarh GTPS (firm power)	583.35130	40.27%	27.14%	32.59%	234.51287	158.05014	189.78829		
4	Mahi - I & Mahi - II	(0.60918)	40.27%	27.14%	32.59%	-0.24532	-0.16533	-0.19853		
5	STPS MMH	0.59190	40.27%	27.14%	32.59%	0.23876	0.16064	0.19290		
6	Mini Micro Hydel	(0.01450)	40.27%	27.14%	32.59%	-0.00584	-0.00394	-0.00473		
7	Mangrol	(0.01122)	40.27%	27.14%	32.59%	-0.00452	-0.00305	-0.00366		
8	Dholpur Combined Cycle Power Project (DCCPP)	(2.92900)	40.27%	27.14%	32.59%	-1.17951	-0.79493	-0.95456		
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	4,090.32828	40.27%	27.14%	32.59%	1,647.17520	1,110.11510	1,333.03799		
12	Chhabra Super Critical TPS	4,769.43470	40.27%	27.14%	32.59%	1,920.65135	1,294.42458	1,554.35877		
13	Chhabra Super Critical TPS Infirm power	-	40.27%	27.14%	32.59%	0.00000	0.00000	0.00000		
14	Kalisindh TPP	5,634.85796	40.27%	27.14%	32.59%	2,269.15730	1,529.30045	1,836.40021		
15	Suratgarh Infirm Power	-	40.27%	27.14%	32.59%	0.00000	0.00000	0.00000		
	RVUN Total	23,623.53995	40.27%	27.14%	32.59%	9,513.19954	6,411.42874	7,698.91167		
C2.	Other Thermal Generating Stations in Rajasthan									
1	RAJWEST	4,128.32295	40.27%	27.14%	32.59%	1,662.47565	1,120.42685	1,345.42045		
2	Adani power at Kawai	5,238.03091	40.27%	27.14%	32.59%	2,109.36	1,421.60	1,707.07		
3	Barsingar	954.61136	40.27%	27.14%	32.59%	384.42	259.08	311.11		
4	V.S.Lignite	606.82560	40.27%	27.14%	32.59%	244.36867	164.69247	197.76446		
	Total (Other thermal Generators IPP)	10,927.79082	40.27%	27.14%	32.59%	4,400.62136	2,965.80243	3,561.36703		
D.	Wind farm, Bio-Mass and Solar Generators									
1	Wind farm Injection at 220 /132/ 33 kV	11,526.37451	30.95%	20.53%	48.53%	3,567.26145	2,365.88206	5,593.23100		
2	Bio-Mass	291.63181	40.27%	27.14%	32.59%	117.44001	79.14879	95.04271		
3	Solar Power Plant (SPV & solar thermal)	4,601.19971	37.50%	25.30%	37.20%	1,725.29056	1,164.03432	1,711.87483		
	WBA energy against Wind Farms	-	-	-	-	-	-	-		
	Total Renewable energy	16,419.20573	32.95%	21.98%	45.07%	5,409.99202	3,609.06517	7,400.14854		
E.	CPPs (Injection to Discom)									
1	Binani	-	0.00%	0.00%	100.00%	-	-	0.00000		
2	Ambuja Cement	1.01000	0.00%	0.00%	100.00%	-	-	1.01000		
3	Aditya Cement (i.e. Grasm Industries)	10.14410	0.00%	100.00%	0.00%	-	10.14410	-		
4	J.K. Lakshmi cement	0.42350	0.00%	0.00%	100.00%	-	-	0.42350		
5	HZL	0.00000	0.00%	100.00%	0.00%	-	-	0.00000		
6	BIRLA WHITE CEMENT	0.79320	0.00%	0.00%	100.00%	-	-	0.79320		
7	Shree Cement Ltd	0.00000	100.00%	0.00%	0.00%	-	-	-		
8	Grasm cement, Kotputli (TCC - Jaipur Rural)	-	0.00%	100.00%	0.00%	-	-	-		
9	CCW, Chitorgarh	0.12697	0.00%	100.00%	0.00%	-	0.12697	-		
10	M.s Ginni Global Ltd, Neemrana	-	0.00%	100.00%	0.00%	-	-	-		
11	J.K.Cement, Nimbahera	0.63688	0.00%	100.00%	0.00%	-	-	0.63688		
12	J.K. white Cement, Gotan	0.05832	0.00%	100.00%	0.00%	-	-	0.05832		
13	SFC Kota	0.18400	0.00%	100.00%	0.00%	-	-	0.18400		
14	Wonder cement, Nimbahera	0.02165	0.00%	100.00%	0.00%	-	-	0.02165		
15	Sidhidata cement (Nirma) at Nimbol (at 132 kv Borunda) (TCC - Kakani)	0.00200	0.00%	0.00%	100.00%	-	-	0.00200		
16	Mangla Kota	0.08880	0.00%	0.00%	100.00%	-	-	0.08880		
17	Ultra Tech Ltd.	0.30000	0.00%	0.00%	100.00%	-	-	0.30000		
	CPP Total	13.78942	0.00%	81.02%	18.98%	-	11.17192	2.61750		
F.	Intra state Open Access by CPP									
1	RSWM Industries	55.51190	0.00%	100.00%	0.00%	-	-	55.51190		
2	Hindustan Zinc Limited (HZL)	452.71000	0.00%	100.00%	0.00%	-	-	452.71000		
3	Shree Cement Limited (Kushkhera)	0.00000	100.00%	0.00%	0.00%	-	-	-		
4	Shri Cement Ltd (Suratgarh)	0.00000	0.00%	0.00%	100.00%	-	-	-		
5	Shri Cement Ltd, RAS & Beawar	174.94303	100.00%	0.00%	0.00%	174.94303	-	-		
6	Shree Cement Ltd at Bangur cement	0.00000	0.00%	100.00%	0.00%	-	-	-		
	Total Intra state Open Access by CPP	683.16493	25.61%	74.39%	0.00%	174.94303	508.22190	0.00000		
G.	Sale to IEX by CPP									
1	Shri Cement Ltd.	-19.46282	40.27%	27.14%	32.59%	(7.83768)	(5.28221)	(6.34293)		
2	Aditya Cement	-	40.27%	27.14%	32.59%	-	-	-		
3	HZL	-	40.27%	27.14%	32.59%	-	-	-		
	Total Intra state Open Access by CPP	(19.46282)	40.27%	27.14%	32.59%	(7.83768)	(5.28221)	(6.34293)		
	Total Within State Purchase (A to G)	52,815.83603	37.79%	26.16%	36.04%	19,961.19455	13,817.35105	19,037.29043		
	Purchase from Central Station as per ISGS Lines	19,498.49003	40.27%	27.14%	32.59%	7,852.04194	5,291.89019	6,354.55790		
	TOTAL ENERGY AVAILED BY RAJASTHAN (LU)	72,314.32606	38.46%	26.43%	35.11%	27,813.23649	19,109.24124	25,391.84833		

TRANSMISSION LOSS	Within State			
	Loss (%)	Loss (LU)		
	3.46%	2503.32766		
Net Flow within State Transmission System		72,314.32606		
NET AVAILABILITY TO DISCOMS (LU)	69,810.99840	38.46%	26.43%	35.11%
		26,850.417	18,447.731	24,512.851
DISCOMS - ACTUAL DRAWAL	Discomwise Drawal (%)			
ENERGY DRAWAL (LU)	TOTAL	Jaipur	Ajmer	Jodhpur
Gross actual draw by discom	69810.99840	39.15%	25.20%	35.13%
Aux Consumption	-32.63630	36.59%	28.07%	35.34%
Direct Wind Farm Injunction at 33 kV	-	0.00%	0.00%	0.00%
Net Actual Drawal (LU)	69,778.36210	39.15%	25.20%	35.13%
Purchase(+)/ Sale(-)	0.00000			
		478.32780	-857.62280	9.45183
				369.84316

Statement of Deviation implication for the month of July 19

Day	Week	Rajasthan Schedule (LUs)	Rajasthan Drawal (LUs)	Deviation Energy (LUs)
01-Mar	1	704.41508	696.58721	-7.82787
02-Mar	1	697.62837	713.37472	15.74635
03-Mar	1	652.08954	653.41905	1.32951
04-Mar	1	570.84172	561.20638	-9.63534
05-Mar	1	503.96718	522.58849	18.62131
06-Mar	1	531.44087	532.64303	1.20216
07-Mar	1	492.81394	511.45773	18.64379
08-Mar	2	563.01325	556.84861	-6.16464
09-Mar	2	524.62587	516.63923	-7.98664
10-Mar	2	601.83483	634.74184	32.90701
11-Mar	2	653.56323	670.70596	17.14273
12-Mar	2	681.30624	696.44894	15.14270
13-Mar	2	625.59224	640.17094	14.57870
14-Mar	2	610.76958	619.51934	8.74976
15-Mar	3	676.21227	690.13718	13.92491
16-Mar	3	659.80773	666.25662	6.44889
17-Mar	3	706.52028	729.09218	22.57190
18-Mar	3	638.91698	620.90264	-18.01434
19-Mar	3	594.69118	628.12564	33.43446
20-Mar	3	661.53295	696.88804	35.35509
21-Mar	3	669.14764	699.98515	30.83751
22-Mar	4	740.91744	755.02937	14.11193
23-Mar	4	789.15975	907.16699	118.00724
24-Mar	4	718.40534	755.58456	37.17922
25-Mar	4	421.6567	399.96642	-21.69028
26-Mar	4	610.16198	617.94333	7.78135
27-Mar	4	453.67902	428.87903	-24.79999
28-Mar	4	509.95031	446.99958	-62.95073
29-Mar	5	556.45787	539.57181	-16.88606
30-Mar	5	696.03654	697.9002	1.86366
31-Mar	5	701.9214	691.70982	-10.21158
Total		19219.07732	19498.49003	279.41271
WEEKWISE BREAKUP				
Week 1		4153.19670	4191.27661	38.07991
Week 2		4260.70524	4335.07486	74.36962
Week 3		4606.82903	4731.38745	124.55842
Week 4		4243.93054	4311.56928	67.63874
Week 5		1954.41581	1929.18183	-25.23398
Week 6		-	-	-
TOTAL		19219.07732	19498.49003	279.41271
OUTSIDE STATE LOSS				