



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.I/D.

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Dated:- 25-7-2019

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

Subject :- Provisional Energy Account of generating stations and Discoms for the month of June' 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	2365.50455	3.11%

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

**RGY ACCOUNT OF GENERATING STATIONS AND DISCOMS FOR THE MONTH OF Jun-19 (PROVISIONAL)**

Jun-19		REVISION- 0								
Sr. No.	Name of Power Station	Ex-Generator (LU) / Net sent out (LU)	Discowise Allocation (%)				Discowise Energy (LU)			
			Jaipur	Ajmer	Jodhpur	Railway	Jaipur	Ajmer	Jodhpur	Railway
1	Purchase from Central Station as per ISGS Lines	21454.34279	40.27%	27.14%	32.59%		8,639.66384	5,822.70863	6,991.97032	
	<b>Total Outside Purchases (1)</b>	<b>21,454.34279</b>	<b>40.27%</b>	<b>27.14%</b>	<b>32.59%</b>		<b>8,639.66384</b>	<b>5,822.70863</b>	<b>6,991.97032</b>	
2	<b>Within State Purchase</b>									
A.	<b>RAPP-A</b>									
1	RAPP-Unit 2	861.52383	40.27%	27.14%	32.59%		430.63772	238.81776	192.06835	
	<b>Total RAPP-A</b>	<b>861.52383</b>	<b>40.27%</b>	<b>27.14%</b>	<b>32.59%</b>		<b>430.63772</b>	<b>238.81776</b>	<b>192.06835</b>	
B.	<b>Energy Availed from RVPN share of Chambal - Satpura</b>									
1	Chambal (RPS+JS+GS)	11.39000	40.27%	27.14%	32.59%		4.58675	3.09125	3.71200	
	<b>Chambal+Satpura TOTAL</b>	<b>11.39000</b>	<b>40.27%</b>	<b>27.14%</b>	<b>32.59%</b>		<b>4.58675</b>	<b>3.09125</b>	<b>3.71200</b>	
C1.	<b>Generating Stations of RVUN</b>									
1	Kota TPS	6,683.11928	40.27%	27.14%	32.59%		2,691.29213	1,813.79857	2,178.02857	
2	Suratgarh TPS	6,688.45671	40.27%	27.14%	32.59%		2,693.44152	1,815.24715	2,179.76804	
3	Ramgarh GTPS (firm power)	580.93954	40.27%	27.14%	32.59%		233.94435	157.66699	189.32830	
4	Mahi - I & Mahi - II (0.05753)		40.27%	27.14%	32.59%		-0.02317	-0.01561	-0.01875	
5	STPS MMH		40.27%	27.14%	32.59%					
6	Mini Micro Hydels		40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
7	Mangrol		40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
8	Dholpur Combined Cycle Power Project (DCCPP)	(2.39960)	40.27%	27.14%	32.59%		-0.96632	-0.65125	-0.78203	
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	5,125.67875	40.27%	27.14%	32.59%		2,064.11083	1,391.10921	1,670.45870	
12	Chhabra Super Critical TPS	3,420.20470	40.27%	27.14%	32.59%		1,377.31643	928.24356	1,114.64471	
13	Chhabra Super Critical TPS Infirm power	65.00000	40.27%	27.14%	32.59%		26.17550	17.64100	21.18350	
14	Kalinindh TPP	5,713.11485	40.27%	27.14%	32.59%		2,300.67135	1,550.53937	1,861.90413	
15	Suratgarh Infirm Power		40.27%	27.14%	32.59%		0.00000	0.00000	0.00000	
	<b>RVUN Total</b>	<b>28,274.05670</b>	<b>40.27%</b>	<b>27.14%</b>	<b>32.59%</b>		<b>11,385.96263</b>	<b>7,673.57899</b>	<b>9,214.61508</b>	
C2.	<b>Other Thermal Generating Stations in Rajasthan</b>									
1	RAJWEST	4,706.33453	40.27%	27.14%	32.59%		1,895.24092	1,277.29919	1,533.79442	
2	Adani power at Kawai	6,129.61091	40.27%	27.14%	32.59%		2,468.39	1,663.58	1,997.64	
3	Barsingar	621.53872	40.27%	27.14%	32.59%		250.29	168.69	202.56	
4	V.S. Lignite	710.56320	40.27%	27.14%	32.59%		286.14380	192.84685	231.57255	
	<b>Total (Other thermal Generators IPP)</b>	<b>12,168.04736</b>	<b>40.27%</b>	<b>27.14%</b>	<b>32.59%</b>		<b>4,900.07267</b>	<b>3,302.40805</b>	<b>3,965.56663</b>	
D.	<b>Wind farm, Bio-Mass and Solar Generators</b>									
1	Wind farm injection at 220 /132/ 33 kv	7,239.41969	30.23%	20.08%	49.69%		2,188.41002	1,453.94013	3,597.06954	
2	Bio-Mass	284.40225	40.27%	27.14%	32.59%		114.52879	77.18677	92.68669	
3	Solar Power Plant (SPV & solar thermal)	5,180.61668	37.58%	25.35%	37.07%		1,946.87908	1,313.50711	1,920.23049	
	<b>WBA energy against Wind Farms</b>									
	<b>Total Renewable energy</b>	<b>12,704.43862</b>	<b>33.45%</b>	<b>22.39%</b>	<b>44.16%</b>		<b>4,249.81789</b>	<b>2,844.63401</b>	<b>5,609.98672</b>	
E.	<b>CPPs (Injection to Discoms)</b>									
1	Binani		0.00%	0.00%	100.00%				0.00000	
2	Ambuja Cement	1.31000	0.00%	0.00%	100.00%				1.31000	
3	Adiya Cement (i.e.Grasim Industries)	7.91080	0.00%	100.00%	0.00%			7.91080		
4	J.K.Lakami cement	0.47414	0.00%	0.00%	100.00%				0.47414	
5	HZL	0.00000	0.00%	100.00%	0.00%			0.00000		
6	BIRLA WHITE CEMENT	0.36480	0.00%	0.00%	100.00%				0.36480	
7	Shree Cement Ltd.	0.00000	100.00%	0.00%	0.00%					
8	Grasim cement, Kotputli (TCC - Jaipur Rural)		0.00%	0.00%	100.00%					
9	CCW, Chittorgarh	0.74948	0.00%	100.00%	0.00%			0.74948		
10	M/s Ginni Global Ltd., Neemrana		0.00%	100.00%	0.00%					
11	J.K.Cement, Nimbahera	0.52533	0.00%	100.00%	0.00%			0.52533		
12	J.K. white Cement, Gotan	0.03591	0.00%	100.00%	0.00%			0.03591		
13	SFC Kota	0.18400	0.00%	100.00%	0.00%			0.18400		
14	Wonder cement, Nimbahera	0.12220	0.00%	100.00%	0.00%			0.12220		
	Sidhidata cement (Nirma) at Nimbol (at 132 kv)									
15	Borunda (TCC - Kakani)	0.00000	0.00%	0.00%	100.00%					
16	Mangla Kota	0.02525	0.00%	0.00%	100.00%				0.02525	
17	Ultra Tech Ltd.	0.27000	0.00%	0.00%	100.00%				0.27000	
	<b>CPP Total</b>	<b>11.97191</b>	<b>0.00%</b>	<b>79.58%</b>	<b>20.42%</b>			<b>9.52772</b>	<b>2.44419</b>	
F.	<b>Other State Open Access by CPP</b>									
1	RSWM Industries	132.13245	0.00%	100.00%	0.00%			132.13245		
2	Hindustan Zinc Limited (HZL)	250.61660	0.00%	100.00%	0.00%			250.61660		
3	Shree Cement Limited(Kushkhara)	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	169.31073	100.00%	0.00%	0.00%		169.31073			
6	Shree Cement Ltd at Bangur cement	0.00000	0.00%	100.00%	0.00%					
	<b>Total Intra state Open Access by CPP</b>	<b>552.05978</b>	<b>30.67%</b>	<b>69.33%</b>	<b>0.00%</b>		<b>169.31073</b>	<b>382.74905</b>	<b>0.00000</b>	
G.	<b>Sale to IEX by CPP</b>									
1	Shri Cement Ltd.	-10.58641	40.27%	27.14%	32.59%		(4.26315)	(2.87315)	(3.45011)	
2	Adiya Cement		40.27%	27.14%	32.59%					
3	HZL	(1.94179)	40.27%	27.14%	32.59%		(0.78196)	(0.52700)	(0.63283)	
	<b>Total Intra state Open Access by CPP</b>	<b>(12.52820)</b>	<b>40.27%</b>	<b>27.14%</b>	<b>32.59%</b>		<b>(5.04511)</b>	<b>(3.40015)</b>	<b>(4.08294)</b>	
	<b>Total Within State Purchase (A to G)</b>	<b>54,570.96000</b>	<b>38.73%</b>	<b>26.48%</b>	<b>34.79%</b>		<b>21,135.34329</b>	<b>14,451.40668</b>	<b>18,984.21004</b>	
	Purchase from Central Station as per ISGS Lines	21,454.34279	40.27%	27.14%	32.59%		8,639.66384	5,822.70863	6,991.97032	
	<b>TOTAL ENERGY AVAILED BY RAJASTHAN (LU)</b>	<b>76,025.30279</b>	<b>39.16%</b>	<b>26.67%</b>	<b>34.17%</b>		<b>29,775.00713</b>	<b>20,274.11531</b>	<b>25,976.18035</b>	

TRANSMISSION LOSS		Within State								
Loss (%)		3.11%								
Loss (LU)		2365.50455								
Net Flow within State Transmission System		76,025.30279								
NET AVAILABILITY TO DISCOMs (LU)		73,659.79824	39.16%	26.67%	34.17%		28,848.567	19,643.292	25,167.939	
<b>DISCOMs - ACTUAL DRAWAL</b>										
<b>ENERGY DRAWAL (LU)</b>		<b>TOTAL</b>	<b>Discowise Drawal (%)</b>				<b>Discowise Energy (LU)</b>			
Gross actual drawl by discom		73659.79824	39.17%	27.72%	32.63%	0.48%	28854.66653	20420.47400	24032.76080	351.89691
Aux Consumption		-35.43304	39.02%	26.63%	34.35%		-13.82450	-9.43678	-12.17176	
Direct Wind Farm injection at 33 kv			0.00%	0.00%	0.00%					
<b>Net Actual Drawal (LU)</b>		<b>73,624.36520</b>	<b>39.17%</b>	<b>27.72%</b>	<b>32.63%</b>	<b>0.48%</b>	<b>28,840.84203</b>	<b>20,411.03722</b>	<b>24,020.58904</b>	<b>351.89691</b>
Purchase (+) / Sale(-)		0.00000					6.09984	777.18172	-1135.17847	351.89691

## Statement of Deviation implication for the month of June 19

Day	Week	Rajasthan Schedule (LUs)	Rajasthan Drawal (LUs)	Deviation Energy (LUs)
01-Mar	1	763.13738	786.67001	23.53263
02-Mar	1	737.49494	757.83037	20.33543
03-Mar	1	684.36004	678.89885	-5.46119
04-Mar	1	761.68619	774.86056	13.17437
05-Mar	1	798.26307	813.14936	14.88629
06-Mar	1	854.96255	845.16626	-9.79629
07-Mar	1	906.22776	892.45065	-13.77711
08-Mar	2	833.73368	855.94835	22.21467
09-Mar	2	801.46243	795.83092	-5.63151
10-Mar	2	762.80803	773.57904	10.77101
11-Mar	2	709.63451	717.47136	7.83685
12-Mar	2	840.17588	887.94301	47.76713
13-Mar	2	726.96822	743.49862	16.53040
14-Mar	2	742.88891	780.17452	37.28561
15-Mar	3	643.44596	648.09396	4.64800
16-Mar	3	508.45909	500.66559	-7.79350
17-Mar	3	479.89835	475.13289	-4.76546
18-Mar	3	607.37487	608.90188	1.52701
19-Mar	3	521.24192	519.35634	-1.88558
20-Mar	3	598.92695	594.64198	-4.28497
21-Mar	3	649.24967	671.14475	21.89508
22-Mar	4	679.48512	708.31215	28.82703
23-Mar	4	677.65658	687.39097	9.73439
24-Mar	4	812.38133	844.90908	32.52775
25-Mar	4	821.24426	838.13957	16.89531
26-Mar	4	738.18546	760.37969	22.19423
27-Mar	4	605.6419	642.97345	37.33155
28-Mar	4	637.48654	658.73794	21.25140
29-Mar	5	640.56746	637.54273	-3.02473
30-Mar	5	559.28234	554.54794	-4.73440
<b>Total</b>		<b>21104.33139</b>	<b>21454.34279</b>	<b>350.01140</b>
<b>WEEKWISE BREAKUP</b>				
Week 1		5506.13193	5549.02606	42.89413
Week 2		5417.67166	5554.44582	136.77416
Week 3		4008.59681	4017.93739	9.34058
Week 4		4972.08119	5140.84285	168.76166
Week 5		1199.84980	1192.09067	-7.75913
Week 6		-	-	-
<b>TOTAL</b>		<b>21104.33139</b>	<b>21454.34279</b>	<b>350.01140</b>
<b>OUTSIDE STATE LOSS</b>				