



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.

2849

Dated:- 24/10/18

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

Subject :- Provisional Energy Account of generating stations and Discoms for the month of September' 2018.

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	2094.44603	3.32%

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

Sep-18

(PROVISIONAL)

RGY ACCOUNT OF GENERATING STATIONS AND DISCOMS FOR THE MONTH OF

Sep-18			REVISION- 0							
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
1	Purchase from Central Station as per ISGS Lines	16732.23262	40.08%	27.23%	32.69%		6,706.27883	4,556.18694	5,469.76684	
	Total Outside Purchases (I)	16,732.23262	40.08%	27.23%	32.69%		6,706.27883	4,556.18694	5,469.76684	
2	Within State Purchase									
A.	RAPP-A									
1	RAPP-Unit 2	648.69658	40.08%	27.23%	32.69%		259.99759	176.64008	212.05891	
	Total RAPP-A	648.69658	40.08%	27.23%	32.69%		259.99759	176.64008	212.05891	
B.	Energy Availed from RVPN share of Chambal - Satpura									
1	Chambal (RPS+JS+GS)	79.86000	40.08%	27.23%	32.69%		32.00789	21.74588	26.10623	
	Chambal +Satpura TOTAL	79.86000	40.08%	27.23%	32.69%		32.00789	21.74588	26.10623	
C1.	Generating Stations of RVUN									
1	Kota TPS	5,101.49000	40.08%	27.23%	32.69%		2,044.67719	1,389.13573	1,667.67708	
2	Suratgarh TPS	4,002.12000	40.08%	27.23%	32.69%		1,604.04970	1,089.77728	1,308.29303	
3	Ramgarh GTPS(firm power)	893.65000	40.08%	27.23%	32.69%		358.17492	243.34090	292.13419	
4	Mahi - I & Mahi - II	(0.54864)	40.08%	27.23%	32.69%		-0.21989	-0.14939	-0.17935	
5	STPS MMH	-	40.08%	27.23%	32.69%		-	-	-	
6	Mini Micro Hydel	1.82000	40.08%	27.23%	32.69%		0.72946	0.49559	0.59496	
7	Mangrol	-	40.08%	27.23%	32.69%		0.00000	0.00000	0.00000	
8	Dholpur Combined Cycle Power Project(DCCPP)	-	40.08%	27.23%	32.69%		0.00000	0.00000	0.00000	
9	Giral Lignite Thermal Power Station (unit - I)	-	40.08%	27.23%	32.69%		0.00000	0.00000	0.00000	
10	Giral Lignite Thermal Power Station (unit - II)	-	40.08%	27.23%	32.69%		0.00000	0.00000	0.00000	
11	CHHABRA TPS	5,260.99000	40.08%	27.23%	32.69%		2,108.60479	1,432.56758	1,719.81763	
12	Chhabra Super Critical TPS	2,842.77000	40.08%	27.23%	32.69%		1,139.38222	774.08627	929.30151	
13	Kalisindh TPP	3,208.37000	40.08%	27.23%	32.69%		1,285.91470	873.63915	1,048.81615	
	RVUN Total	21,310.66136	40.08%	27.23%	32.69%		8,541.31307	5,802.89309	6,966.45520	
C2.	Other Thermal Generating Stations in Rajasthan									
1	RAJWEST	5,280.25000	40.08%	27.23%	32.69%		2,116.32420	1,437.81208	1,726.11373	
2	Adani power at Kawai	7,296.84000	40.08%	27.23%	32.69%		2,924.57	1,986.93	2,385.34	
3	Barsingar	741.97000	40.08%	27.23%	32.69%		297.38	202.04	242.55	
4	V.S. Lignite	178.09000	40.08%	27.23%	32.69%		71.37847	48.49391	58.21762	
	Total (Other thermal Generators IPP)	13,497.15000	40.08%	27.23%	32.69%		5,409.65772	3,675.27395	4,412.21834	
D.	Wind Farm, Bio-Mass and Solar Generators									
1	Wind farm injection at 220 /132/ 33 kV	5,947.07650	29.94%	20.43%	49.63%		1,780.74520	1,214.87864	2,951.45266	
2	Bio-Mass	198.03838	40.08%	27.23%	32.69%		79.37378	53.92585	64.73855	
3	Solar Power Plant (SPV & solar thermal)	3,638.55241	36.37%	25.50%	38.13%		1,323.45311	927.70026	1,387.41904	
	WBA energy against Wind Farms									
	Total Renewable energy	9,783.66729	32.54%	22.45%	45.01%		3,183.55209	2,196.50475	4,403.61045	
E.	CPPs									
1	Binani	-	0.00%	0.00%	100.00%		-	6.52331	0.00000	
2	Aditya Cement (i.e. Grasim Industries)	6,523.31	0.00%	100.00%	0.00%		-	-	1,033.29	
3	J.K. Lakshmi cement	1,033.29	0.00%	100.00%	0.00%		-	6,883.46	0.43800	
4	HZL	6,883.46	0.00%	100.00%	0.00%		-	-	-	
5	BIRLA WHITE CEMENT	0.43800	0.00%	100.00%	0.00%		-	-	-	
6	Shree Cement Ltd.	11,908.42	100.00%	0.00%	0.00%		11,908.42	-	-	
7	Grasim cement - Kotputli (TCC - Jaipur Rural)	-	0.00%	100.00%	0.00%		-	0.17384	-	
8	CCW, Chittorgarh	0.17384	0.00%	100.00%	0.00%		-	-	-	
9	M/s Ginni Global Ltd., Neemrana	-	0.00%	100.00%	0.00%		-	-	-	
10	J.K. Cement - Nimbahera	1,090.30	0.00%	100.00%	0.00%		-	1,090.30	-	
11	J.K. White Cement - Gotan	0.01336	0.00%	100.00%	0.00%		-	0.01336	-	
12	RSWM Ltd.	0.03696	0.00%	100.00%	0.00%		-	0.03696	-	
13	Wonder cement - Nimbahera	0.01636	0.00%	100.00%	0.00%		-	0.01636	-	
14	Siddhanta cement (Nirma) at Nimbol (at 132 kv Borunda) (TCC - Kakani)	61.78600	0.00%	0.00%	100.00%		-	-	61.78600	
	CPP Total	89,903.30	13.25%	16.39%	70.36%		11,908.42	14,737.59	63,252.29	
F.	Intra state Open Access by CPP									
1	RSWM Industries	176.37917	0.00%	100.00%	0.00%		-	176.37917	-	
2	Hindustan Zinc Limited (HZL)	525.30334	0.00%	100.00%	0.00%		-	525.30334	-	
3	Shree Cement Limited(Kushkhara)	72.17711	100.00%	0.00%	0.00%		72.17711	-	-	
4	Shri Cement Ltd (Suratgarh)	15.89047	0.00%	0.00%	100.00%		-	-	15.89047	
5	Shri Cement Ltd (Jobner)	26.28263	100.00%	0.00%	0.00%		26.28263	-	-	
6	Shree Cement Ltd to Lafarge cement	26.26519	0.00%	100.00%	0.00%		-	26.26519	-	
	Total Intra state Open Access by CPP	842.29791	11.69%	86.42%	1.89%		98.45974	727.91770	15,890.47	
G.	Sale to IEX by CPP									
1	Shri Cement Ltd.	8,079.64	40.08%	27.23%	32.69%		3,238.32	2,200.09	2,641.23	
2	Aditya Cement	-	40.08%	27.23%	32.69%		-	-	-	
3	HZL	-	40.08%	27.23%	32.69%		-	-	-	
	Total Intra state Open Access by CPP	8,079.64	40.08%	27.23%	32.69%		3,238.32	2,200.09	2,641.23	
	Total Within State Purchase (A to G)	46,260.31608	37.92%	27.28%	34.81%		17,540.13484	12,617.94312	16,102.23812	
	Purchase from Central Station as per ISGS Lines	16,732.23262	40.08%	27.23%	32.69%		6,706.27883	4,556.18694	5,469.76684	
	TOTAL ENERGY AVAILED BY RAJASTHAN (LU)	62,992.54870	38.49%	27.26%	34.25%		24,246.41367	17,174.13006	21,572.00496	
TRANSMISSION LOSS		Within State								
	Loss (%)	3.32%								
	Loss (LU)	2094.44603								
	Net Flow within State Transmission System	62,992.54870								
	NET AVAILABILITY TO DISCOMS (LU)	60,898.10267	38.49%	27.26%	34.25%		23,440.242	16,603.106	20,854.755	
DISCOMS - ACTUAL DRAWAL		Discomwise Drawal (%)								
ENERGY DRAWAL (LU)		TOTAL	Jaipur	Ajmer	Jodhpur	Railway	Jaipur	Ajmer	Jodhpur	Railway
	Gross actual drawl by discom	60898.10267	35.48%	24.54%	39.41%	0.57%	21607.47354	14946.63522	23998.26503	345.72888
	Aux Consumption	-26.46624	35.96%	26.49%	37.54%	-	-9.51841	-7.01117	-9.93666	-
	Direct Wind Farm injection at 33 kV	-	0.00%	0.00%	0.00%	-	-	-	-	-
	Net Actual Drawal (LU)	60,871.63643	35.48%	24.54%	39.41%	0.57%	21,597.95513	14,939.62405	23,988.32837	345.72888
	Purchase(+)/ Sale(-)	0.00000	-	-	-	-	-1832.76852	-1656.47035	3143.50998	345.72888

* Readings of STPS and Chhabra are considered from LD report as they were not available from STOMS due to some error