

STANDARDS OF PERFORMANCE OF RVPN FOR THE YEAR 2008-09

In pursuance of Sec 59(2) of the Electricity Act 2003, the Standards of Performance achieved by Rajasthan Rajya Vidyut Prasaran Nigam Limited Jaipur, during the year 2008-2009, as compared to various parameters specified in the Regulations are hereby published for General information

S. No	Particulars	Voltage	Level of Performance specified by the Commission		Actual Performance Level attained by RVPN		Inference Inferior/Superior	
1	System Availability	Level 3						
		132 kV		98%		99.86%		Superior
		33 kV		98%		99.65%		Superior
2	Voltage Profile	11 kV		98%		99.44%		Superior
			Max.	Min.	Max.	Min.	Max.	Min.
		400 kV	420	360	438	360	Inf.	Sup.
		220 kV	245	200	266	170	Inf.	Inf.
		132 kV	145	120	155	96	Inf.	Inf.
		33 kV	34.98	30.03	40	26	Inf.	Inf.
3	Voltage Unbalance	11 kV	11.66	10.01	14	9.02	Inf.	Inf.
		Level 3						
		400 kV		2.00%		21.69%		Inferior
		220 kV		2.00%		5.76%		Inferior
		132 kV		3.00%		15.37%		Inferior
		33 kV		3.00%		35%		Inferior
4	Voltage Variation Index	11 kV		3.00%		12%		Inferior
		Level 3			For Higher Voltage	For Lower Voltage		
		400 kV		±1.125%	2.29	0.94	Inf.	Sup.
		220 kV		±1%	3.75	1.76	Inf.	Inf.
		132 kV		±1%	3.29	3.48	Inf.	Inf.
		33 kV		±1%	3.49	2.85	Inf.	Inf.
5	Frequency Variation Index	11 kV		±1%	3.27	2.23	Inf.	Inf.
		O be specified by CEA As per IEGC 4.6(b)				4.29		----
6	Loss of Load Expectation (LOLE)	Level 3		2.00%		0.00%		Superior
7	System Average Interruption Frequency Index (SAIFI)	Level 3						
		132 kV		18 Nos/year		21.07 Nos.		Inferior
		33 kV		18 Nos/year		52.70 Nos.		Inferior
8	System Average Interruption Duration Index (SAIDI)	11 kV		18 Nos/year		13.79 Nos.		Superior
		Level 3						
		132 kV		8 Hrs/year		18.24 Hrs.		Inferior
		33 kV		8 Hrs/year		31.07 Hrs.		Inferior
		11 kV		8 Hrs/year		18.40 Hrs.		Inferior

Note : The authenticity of figures in respect of voltage profile, voltage un-balance and voltage variation index are based on manual readings of Analogue meters.

(Ashwini Bhagat)
Secretary