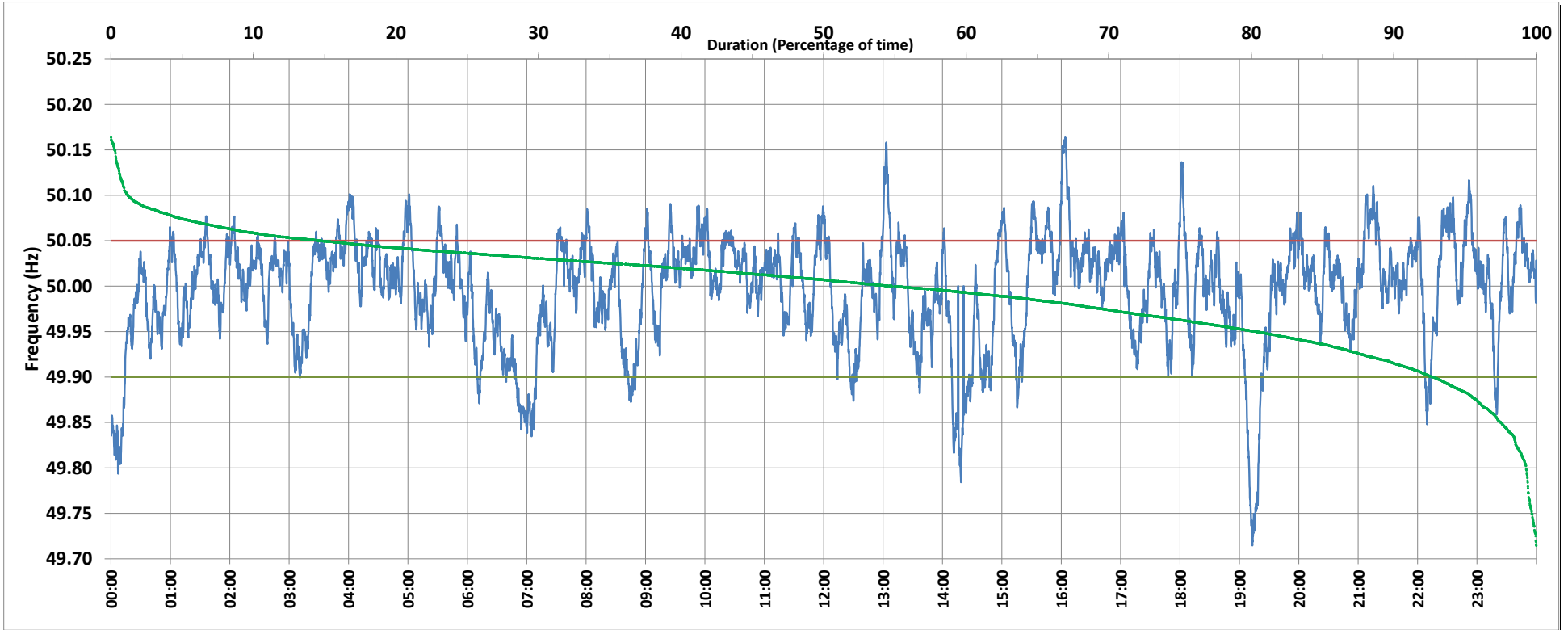


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Aug-2019 (Wednesday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	7.20	28.28	0.72	6.48	37.82	53.78	1.19	78.17	100.00	41.15	13.52	54.77	30.58	14.63	0.00	19.63	65.74	12.43

Average Frequency : 49.996	Frequency Variation Index : 0.0363	Standard Deviation : 0.0602	Mileage: 44.3	FDI: 21.8
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Instantaneous Frequency		
Max	50.164	16:04:00
Min	49.715	19:13:00

15 minute Average Frequency		
Max	50.088	16:15:00
Min	49.840	0:15:00

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	105
above 50.00 Hz	171
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:03:53
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	5:14:20
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Source : HISSAR:Frequency 10 Sec. (8640 samples)