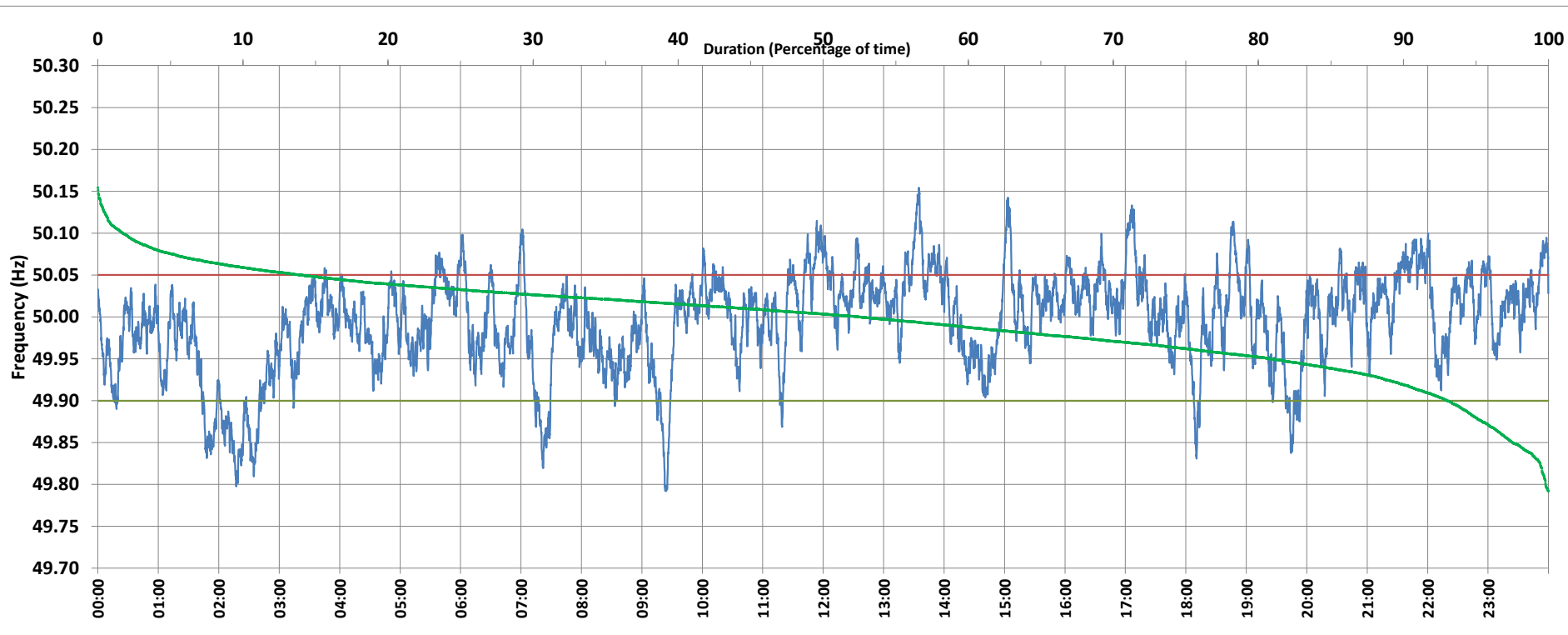


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Aug-2020 (Sunday)



<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	6.98	29.33	0.20	6.78	40.51	50.79	1.72	79.02	100.00	43.55	12.35	52.44	27.12	14.00	0.00	19.17	66.83	12.19

Average Frequency : 49.994	Frequency Variation Index : 0.0333	Standard Deviation : 0.0575	Mileage: 46.0	FDI: 21.0
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Instantaneous Frequency		
Max	50.154	13:35:00
Min	49.792	9:23:50

15 minute Average Frequency		
Max	50.085	13:45:00
Min	49.848	2:30:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	135
above 50.00 Hz	151
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:03:08
above 50.03	0:02:09

No. of hours freq outside 49.9-50.05 Hz	5:02:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)