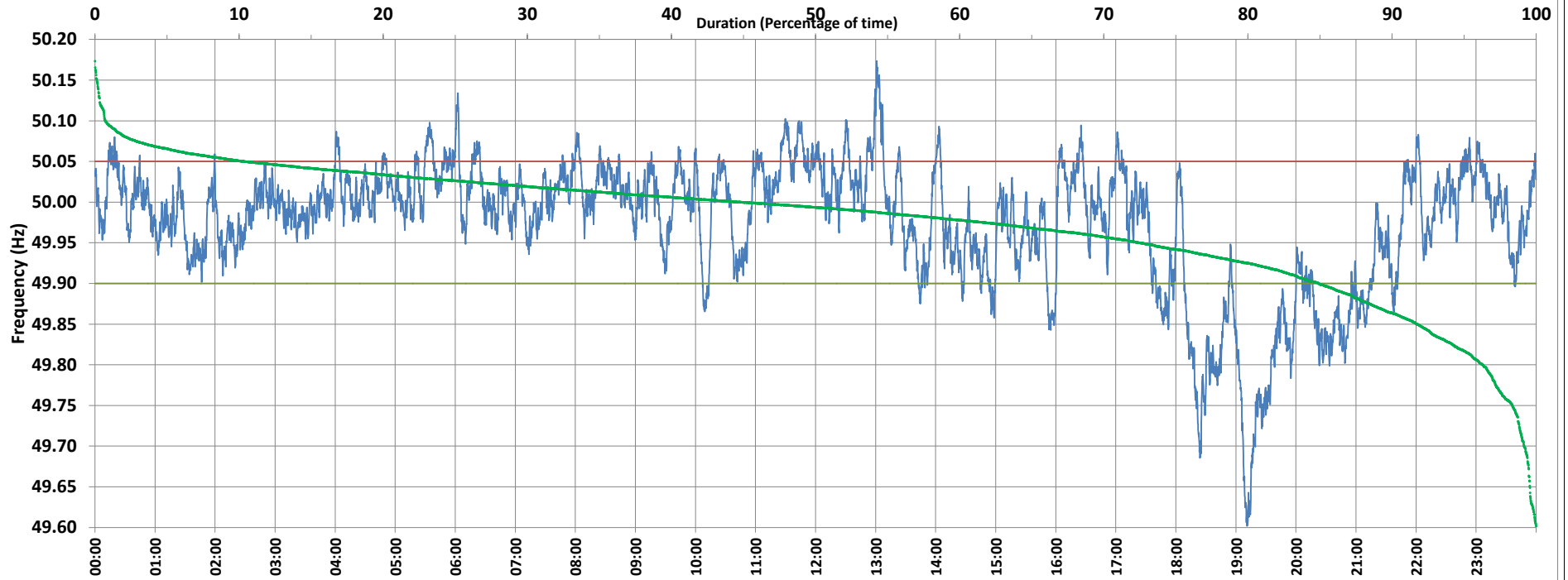


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Aug-2020 (Monday)



<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
0.83	15.07	35.80	2.89	11.34	40.05	44.16	0.73	74.55	99.17	41.84	9.71	44.83	22.36	10.38	0.00	10.00	62.14	-5.07

Average Frequency : 49.974	Frequency Variation Index : 0.0680	Standard Deviation : 0.0784	Mileage: 47.0	FDI: 25.5
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Instantaneous Frequency		
Max	50.173	13:01:00
Min	49.602	19:11:10

15 minute Average Frequency		
Max	50.067	11:45:00
Min	49.704	19:15:00

No. of excursions	
above 50.03 Hz	148
below 49.97 Hz	112
above 50.00 Hz	191
below 50.00 Hz	193

Average time freq per excursion remains	
below 49.97	0:04:36
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	6:06:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)