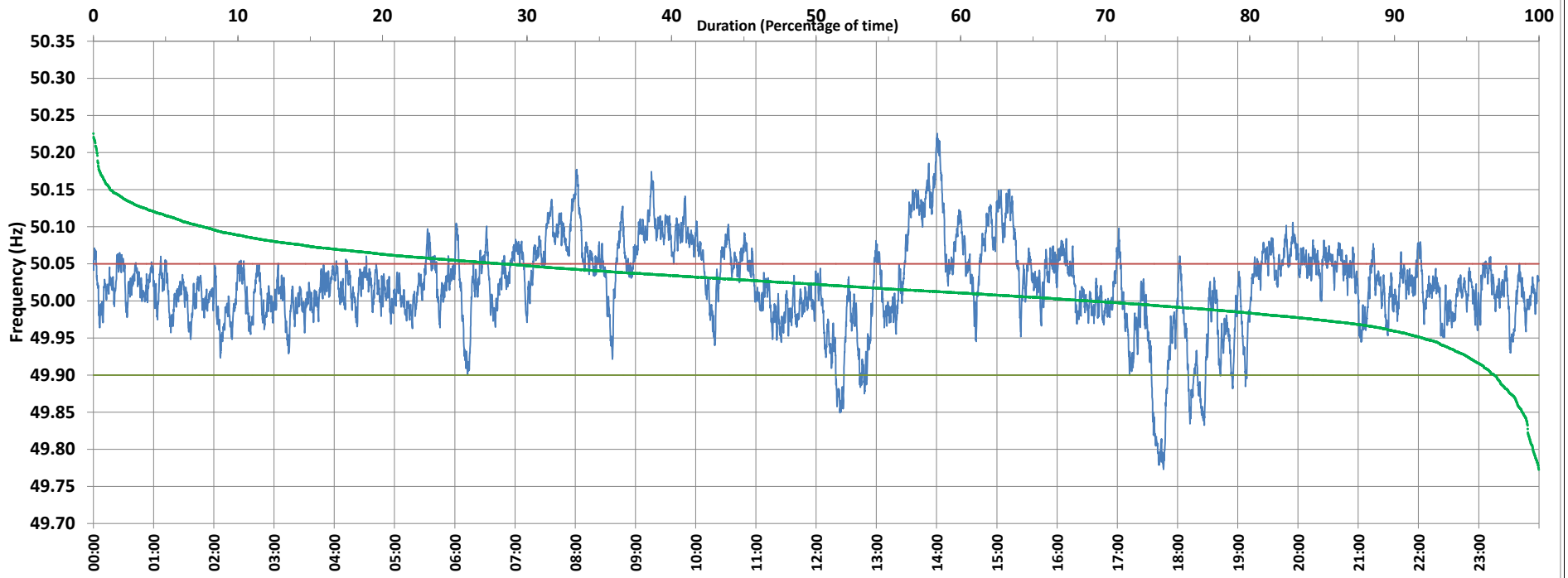


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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	3.08	13.18	0.42	2.66	28.02	61.30	7.36	68.75	99.76	43.34	20.71	68.78	43.47	28.17	0.24	10.00	63.77	6.92

Average Frequency : 50.022	Frequency Variation Index : 0.0375	Standard Deviation : 0.0574	Mileage: 46.3	FDI: 31.3
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Instantaneous Frequency		
Max	50.226	14:00:30
Min	49.773	17:46:00

15 minute Average Frequency		
Max	50.145	14:00:00
Min	49.848	17:45:00

No. of excursions	
above 50.03 Hz	201
below 49.97 Hz	92
above 50.00 Hz	183
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:02:04
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	7:30:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)