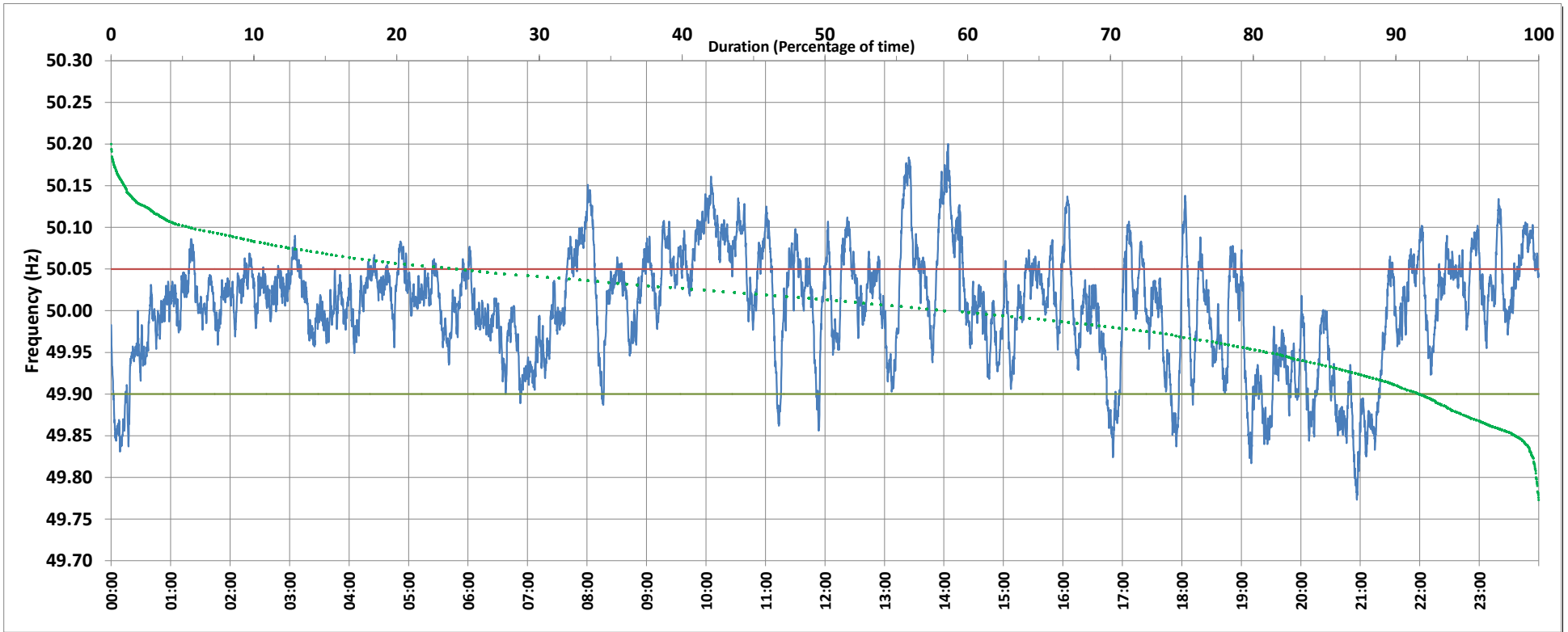


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Aug-2019 (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	8.22	25.19	0.19	8.03	32.19	53.96	5.63	67.59	99.99	37.21	19.35	58.36	37.60	24.19	0.01	18.63	57.18	10.42

Average Frequency : 50.006	Frequency Variation Index : 0.0443	Standard Deviation : 0.0664	Mileage: 47.7	FDI: 32.4
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Instantaneous Frequency		
Max	50.200	14:04:00
Min	49.773	20:56:30

15 minute Average Frequency		
Max	50.125	14:15:00
Min	49.851	21:00:00

No. of excursions	
above 50.03 Hz	148
below 49.97 Hz	77
above 50.00 Hz	99
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:04:43
above 50.03	0:03:40

No. of hours freq outside 49.9-50.05 Hz	7:46:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)