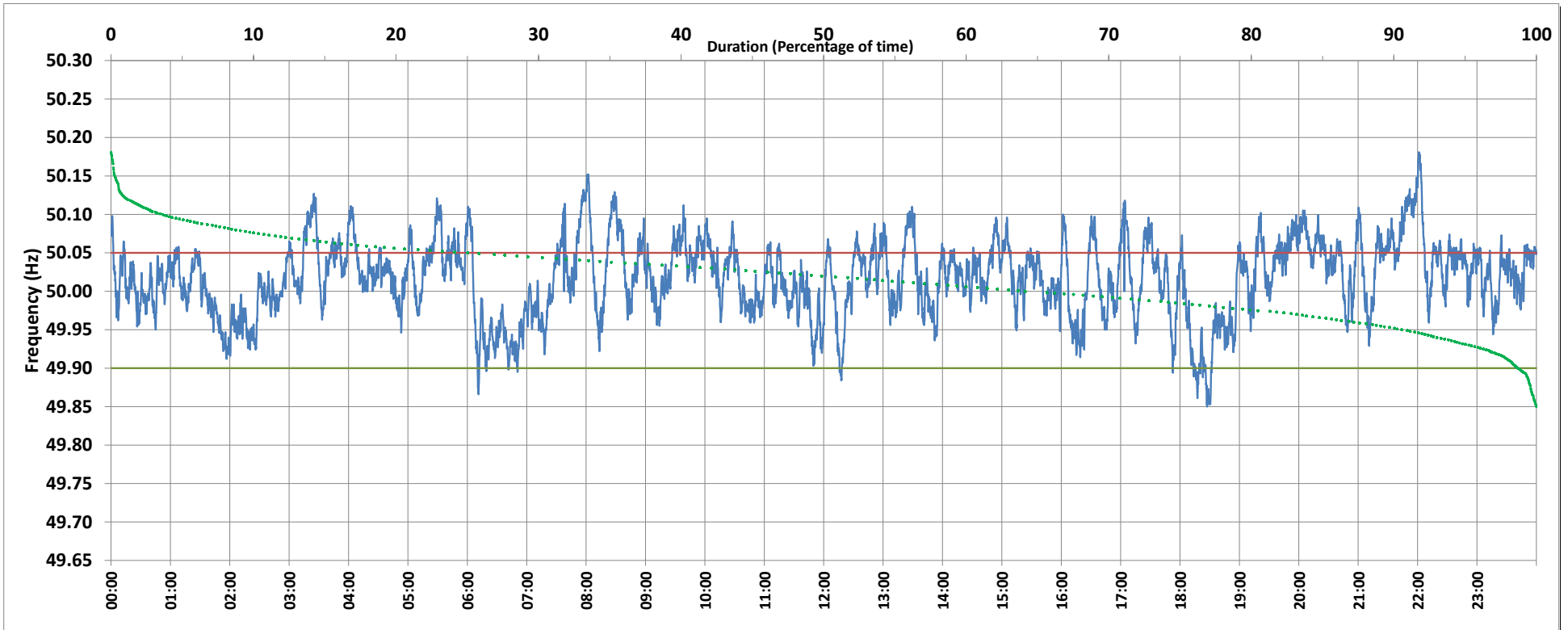


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-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	1.20	16.41	0.00	1.20	33.15	61.89	3.76	73.78	100.00	41.47	22.18	64.12	42.12	25.01	0.00	9.06	65.93	7.86

Average Frequency : 50.017	Frequency Variation Index : 0.0267	Standard Deviation : 0.0489	Mileage: 45.9	FDI: 26.2
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Instantaneous Frequency		
Max	50.181	22:01:10
Min	49.850	18:27:20

15 minute Average Frequency		
Max	50.113	22:00:00
Min	49.892	18:30:00

No. of excursions	
above 50.03 Hz	156
below 49.97 Hz	82
above 50.00 Hz	108
below 50.00 Hz	108

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

No. of hours freq outside 49.9-50.05 Hz	6:17:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)