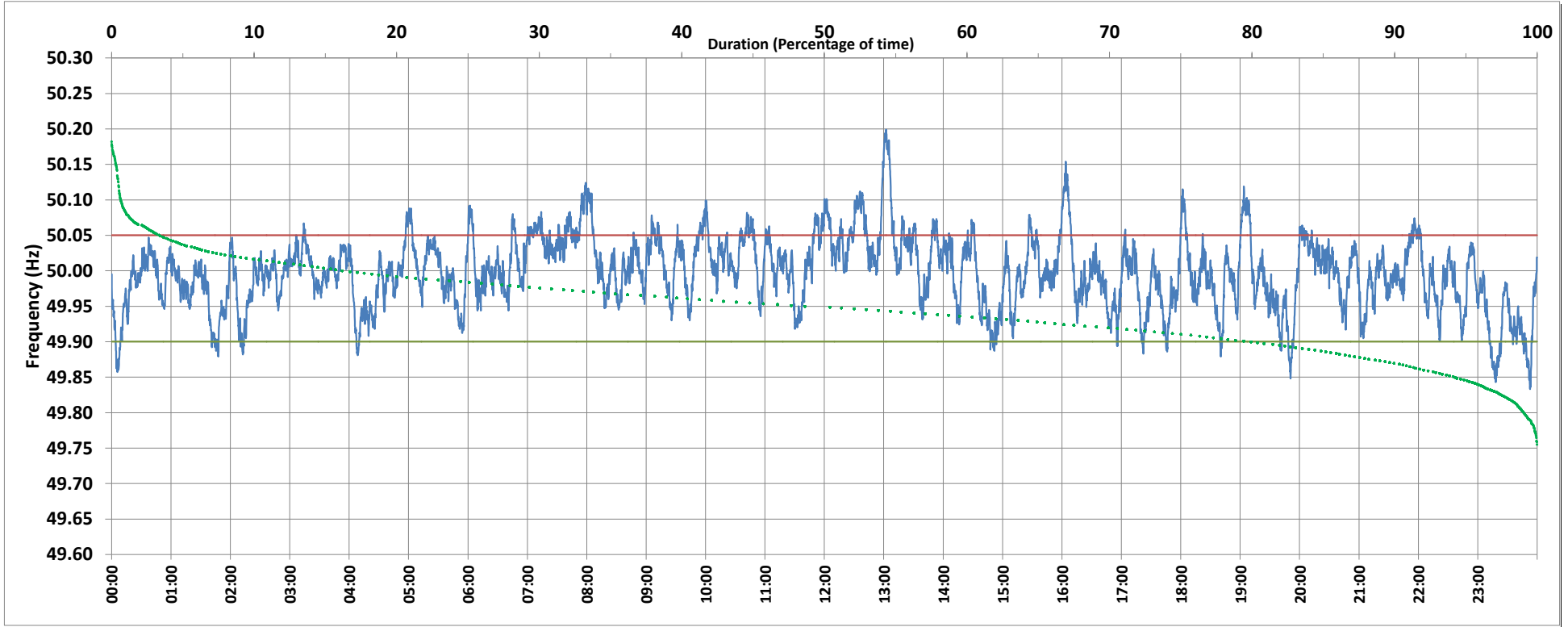


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jul-2018 (Saturday)



<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
0.0	3.3	26.8	0.0	3.3	46.3	48.5	1.9	83.5	100.0	48.7	11.8	48.6	24.5	13.2	0.0	16.5	70.3	13.2

Average Frequency : 49.997	Frequency Variation Index : 0.025	Standard Deviation : 0.050	Mileage: 46.5	FDI: 16.5
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Instantaneous Frequency		
Max	50.199	13:02:20
Min	49.833	23:52:40

15 minute Average Frequency		
Max	50.101	13:15:00
Min	49.908	23:30:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	130
above 50.00 Hz	154
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:02:58
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	3:57:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)