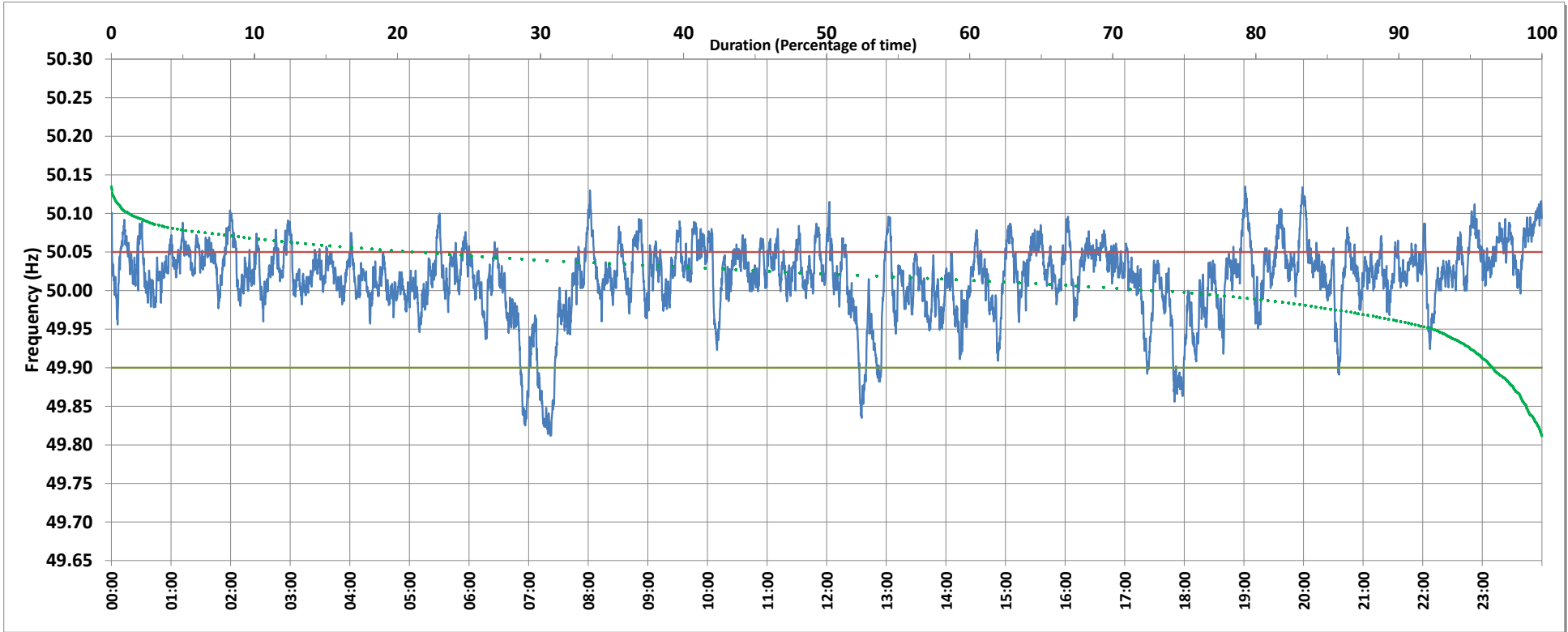


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Aug-2019 (Tuesday)



<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	3.40	12.51	0.00	3.40	22.42	72.88	1.30	75.59	100.00	47.19	20.73	72.70	40.30	21.01	0.00	7.50	71.49	4.10

Average Frequency : 50.016	Frequency Variation Index : 0.0250	Standard Deviation : 0.0472	Mileage: 46.4	FDI: 24.4
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Instantaneous Frequency		
Max	50.135	19:01:20
Min	49.812	7:21:40

15 minute Average Frequency		
Max	50.089	0:00:00
Min	49.859	7:30:00

No. of excursions	
above 50.03 Hz	210
below 49.97 Hz	72
above 50.00 Hz	117
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:02:30
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	5:51:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)