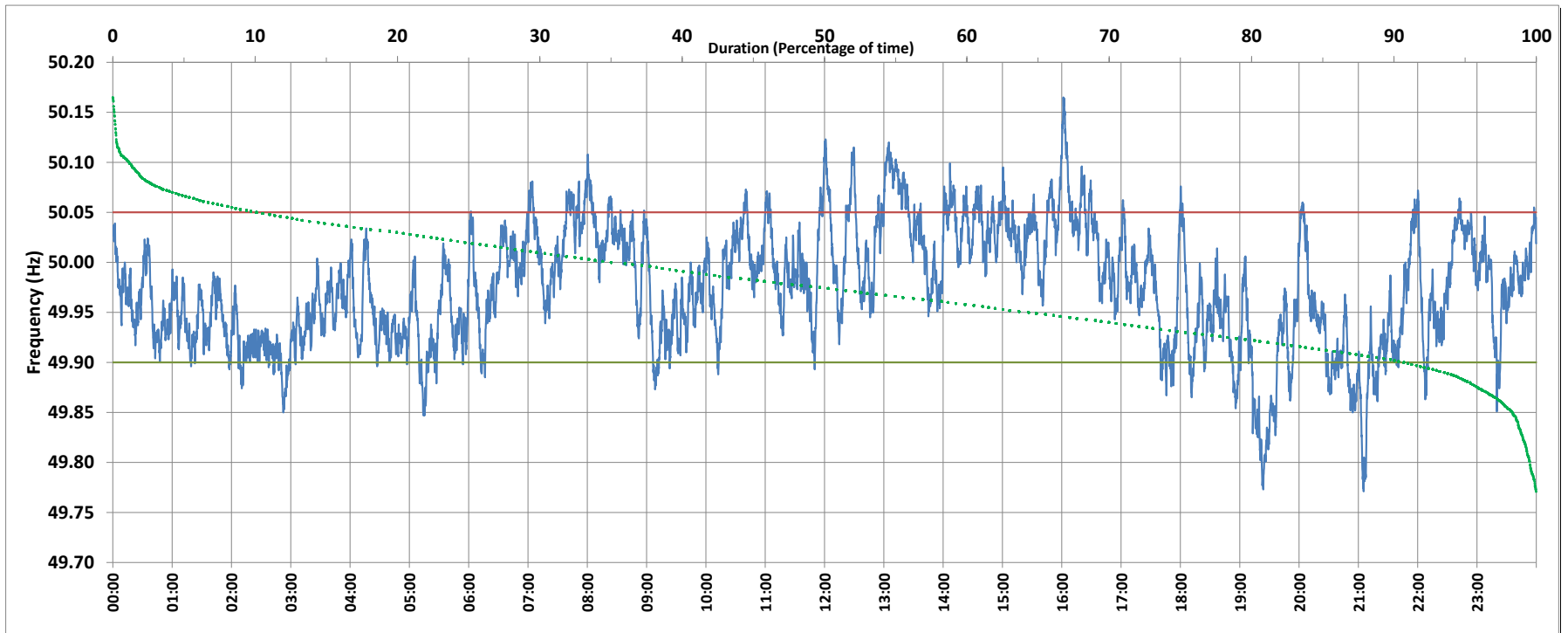


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Aug-2018 (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
0.0	9.0	47.0	0.4	8.6	55.0	34.8	1.2	80.9	100.0	33.1	9.4	35.0	19.9	10.1	0.0	35.1	54.8	26.1

Average Frequency : 49.975	Frequency Variation Index : 0.041	Standard Deviation : 0.059	Mileage: 46.2	FDI: 19.1
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Instantaneous Frequency	
Max	50.165 16:01:30
Min	49.771 21:05:20

15 minute Average Frequency	
Max	50.094 13:15:00
Min	49.820 19:30:00

No. of excursions	
above 50.03 Hz	92
below 49.97 Hz	114
above 50.00 Hz	80
below 50.00 Hz	85

Average time freq per excursion remains	
below 49.97	0:05:56
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	4:35:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)