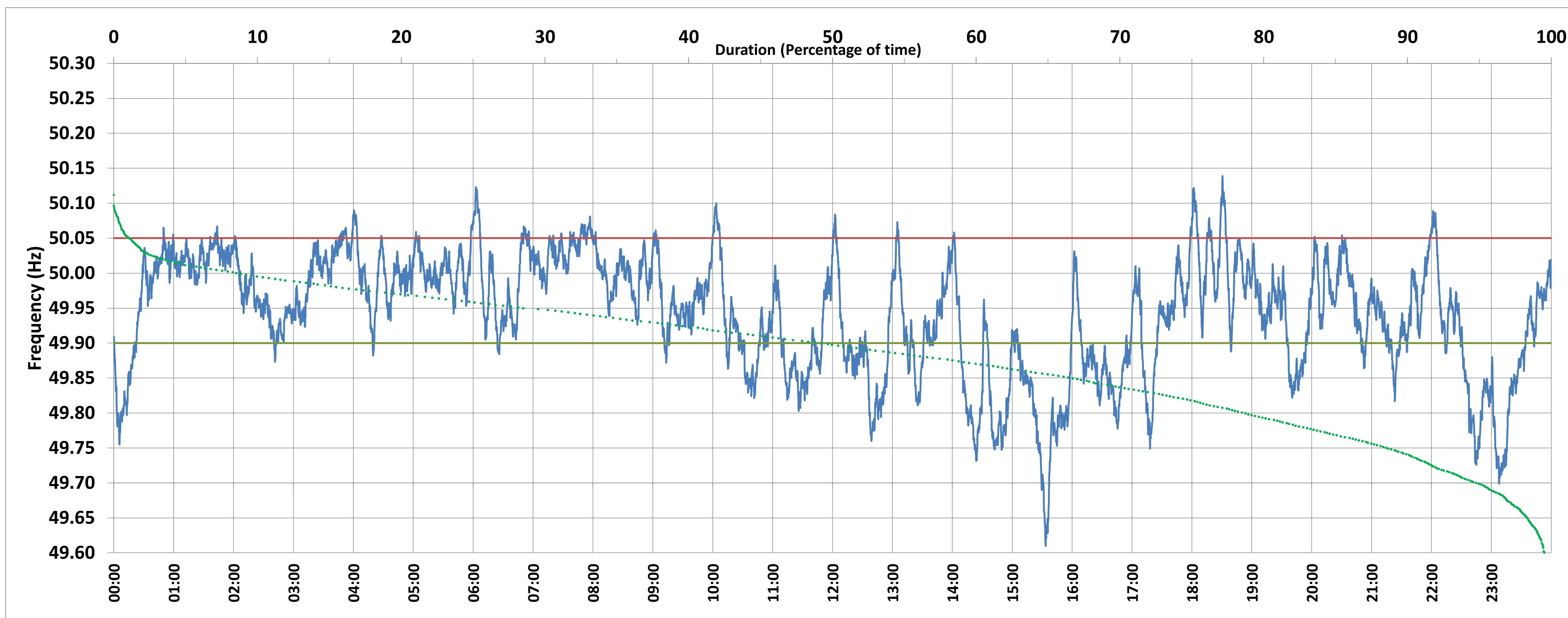


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-May-2018 (Monday)



<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
0.5	28.7	56.4	6.6	21.6	41.8	29.0	0.5	65.2	99.5	29.7	5.9	28.5	13.9	6.1	0.0	47.4	46.5	18.7

Average Frequency : 49.942	Frequency Variation Index : 0.106	Standard Deviation : 0.085	Mileage: 44.1	FDI: 34.8
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Instantaneous Frequency		
Max	50.139	18:30:40
Min	49.610	15:33:30

15 minute Average Frequency		
Max	50.057	8:00:00
Min	49.716	15:45:00

No. of excursions	
above 50.03 Hz	86
below 49.97 Hz	81
above 50.00 Hz	82
below 50.00 Hz	85

Average time freq per excursion remains	
below 49.97	0:10:02
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	8:20:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)