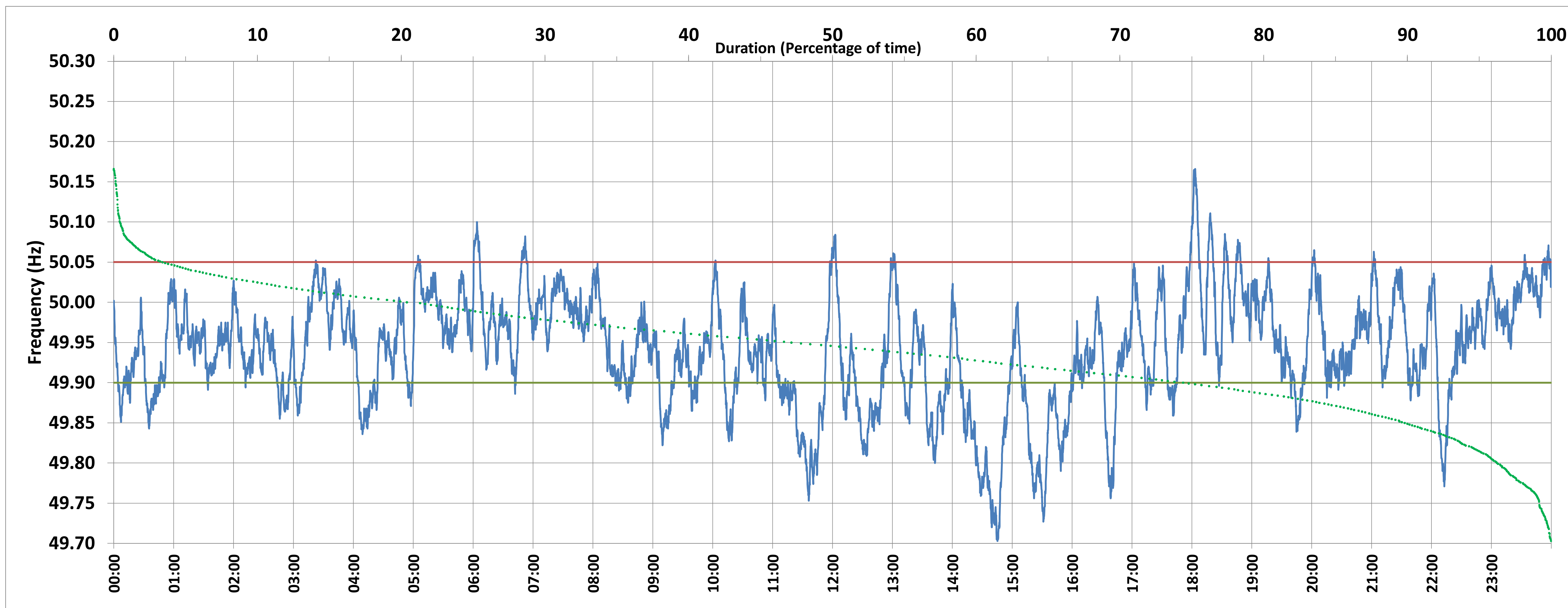


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-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
0.0	25.2	64.9	3.7	21.5	53.5	20.9	0.4	71.4	100.0	26.9	3.2	20.4	8.2	3.4	0.0	52.2	44.4	27.0

Average Frequency : 49.941	Frequency Variation Index : 0.083	Standard Deviation : 0.069	Mileage: 43.7	FDI: 28.6
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Instantaneous Frequency		
Max	50.166	18:03:20
Min	49.703	14:45:10

15 minute Average Frequency		
Max	50.052	18:15:00
Min	49.761	14:45:00

No. of excursions	
above 50.03 Hz	52
below 49.97 Hz	103
above 50.00 Hz	62
below 50.00 Hz	70

Average time freq per excursion remains	
below 49.97	0:09:05
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	6:51:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)