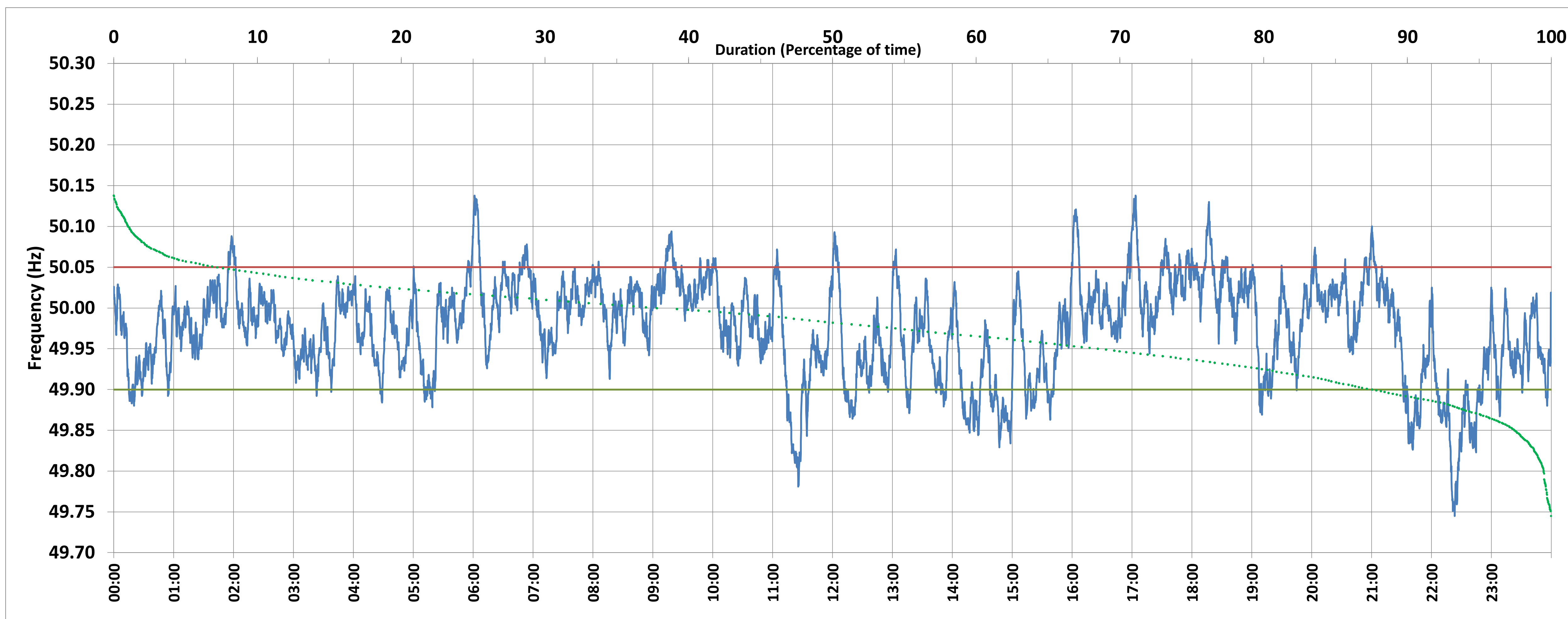


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-May-2018 (Sunday)



<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	12.2	42.2	0.5	11.6	48.7	38.1	1.1	80.6	100.0	41.8	6.6	37.8	16.0	7.2	0.0	31.0	61.8	18.8

Average Frequency : 49.975	Frequency Variation Index : 0.041	Standard Deviation : 0.059	Mileage: 45.1	FDI: 19.4
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Instantaneous Frequency		
Max	50.138	6:01:30
Min	49.745	22:23:20

15 minute Average Frequency		
Max	50.053	9:30:00
Min	49.813	22:30:00

No. of excursions	
above 50.03 Hz	105
below 49.97 Hz	112
above 50.00 Hz	120
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:05:25
above 50.03	0:02:12

No. of hours freq outside 49.9-50.05 Hz	4:38:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)