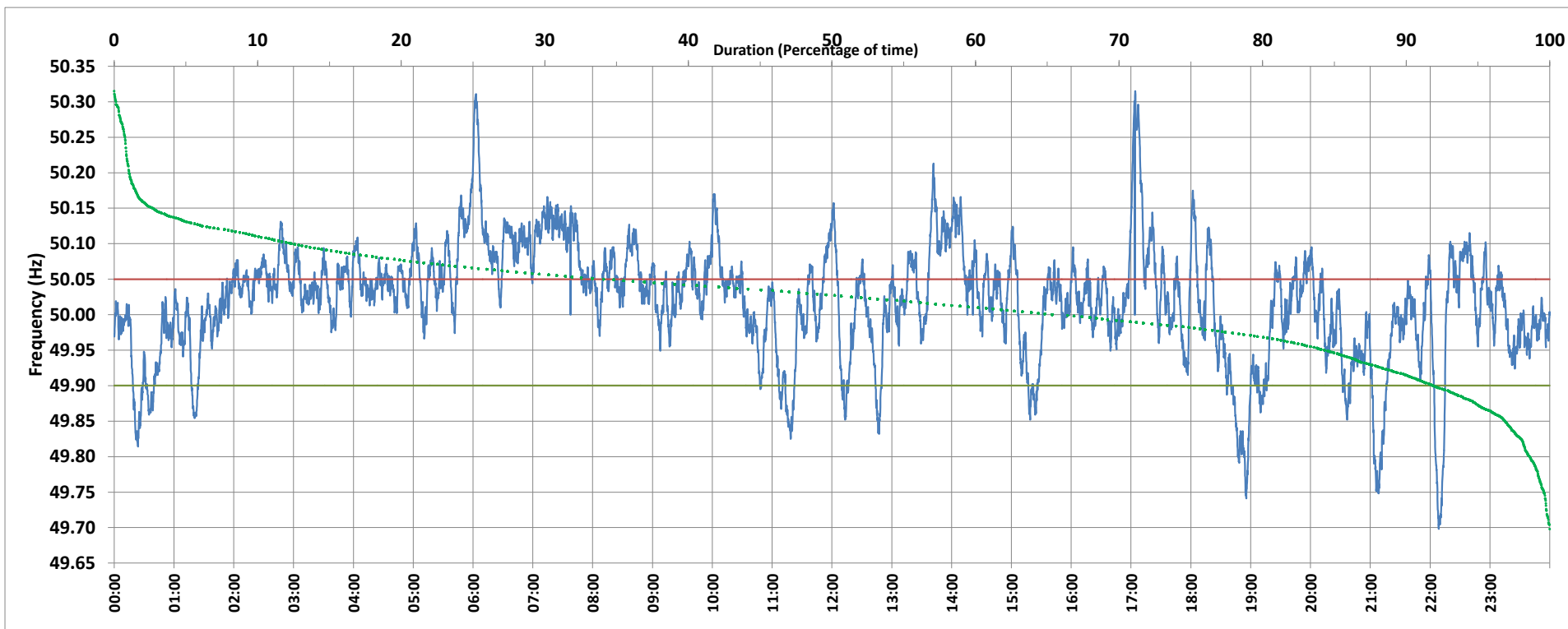


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Mar-2020 (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
0.01	8.02	20.37	1.37	6.64	25.58	53.82	11.54	57.89	98.95	31.39	22.49	65.32	48.24	34.09	1.04	15.46	50.45	7.44

Average Frequency : 50.020	Frequency Variation Index : 0.0670	Standard Deviation : 0.0794	Mileage: 48.5	FDI: 42.1
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Instantaneous Frequency	
Max	50.315 17:04:10
Min	49.698 22:08:30

15 minute Average Frequency	
Max	50.193 17:15:00
Min	49.812 19:00:00

No. of excursions	
above 50.03 Hz	125
below 49.97 Hz	73
above 50.00 Hz	89
below 50.00 Hz	86

Average time freq per excursion remains	
below 49.97	0:04:01
above 50.03	0:05:33

No. of hours freq outside 49.9-50.05 Hz	10:06:20
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Source : BALLIA:Frequency 10 Sec. (8640 samples)