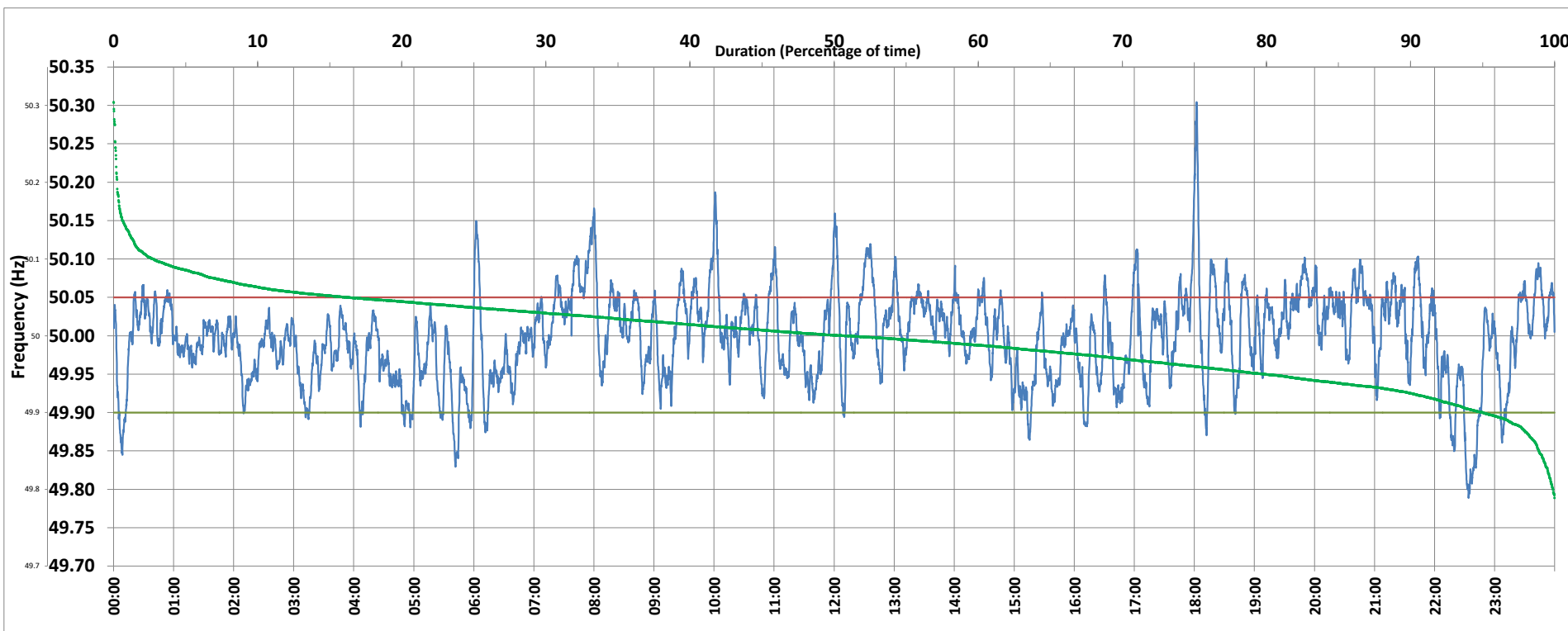


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Apr-2020 (Saturday)



<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
0.00	4.99	29.95	0.12	4.87	44.07	48.18	2.50	78.77	99.75	40.31	13.55	50.74	29.73	16.24	0.25	20.12	63.65	15.13

Average Frequency : 49.998	Frequency Variation Index : 0.0336	Standard Deviation : 0.0579	Mileage: 35.5	FDI: 21.2
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Instantaneous Frequency		
Max	50.304	18:02:10
Min	49.789	22:34:00

15 minute Average Frequency		
Max	50.093	8:00:00
Min	49.834	22:45:00

No. of excursions	
above 50.03 Hz	116
below 49.97 Hz	83
above 50.00 Hz	133
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:05:12
above 50.03	0:03:41

No. of hours freq outside 49.9-50.05 Hz	5:05:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)