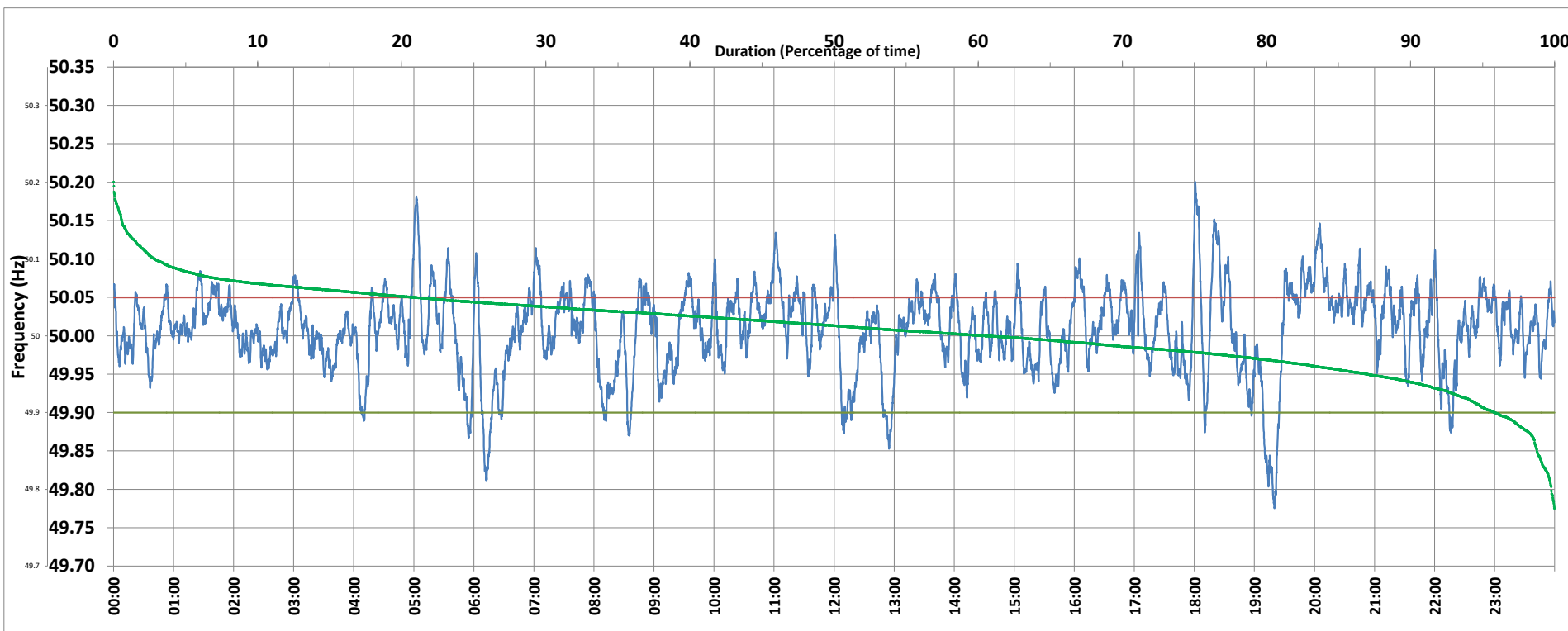


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Apr-2020 (Friday)



<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	4.14	20.58	0.23	3.91	35.37	57.60	2.86	75.00	99.98	42.87	18.08	60.30	36.55	20.86	0.02	13.01	66.13	8.87

Average Frequency : 50.008	Frequency Variation Index : 0.0306	Standard Deviation : 0.0547	Mileage: 34.3	FDI: 25.0
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Instantaneous Frequency		
Max	50.200	18:00:50
Min	49.775	19:20:00

15 minute Average Frequency		
Max	50.095	20:15:00
Min	49.878	19:30:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	72
above 50.00 Hz	128
below 50.00 Hz	127

Average time freq per excursion remains	
below 49.97	0:04:07
above 50.03	0:03:36

No. of hours freq outside 49.9-50.05 Hz	6:00:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)