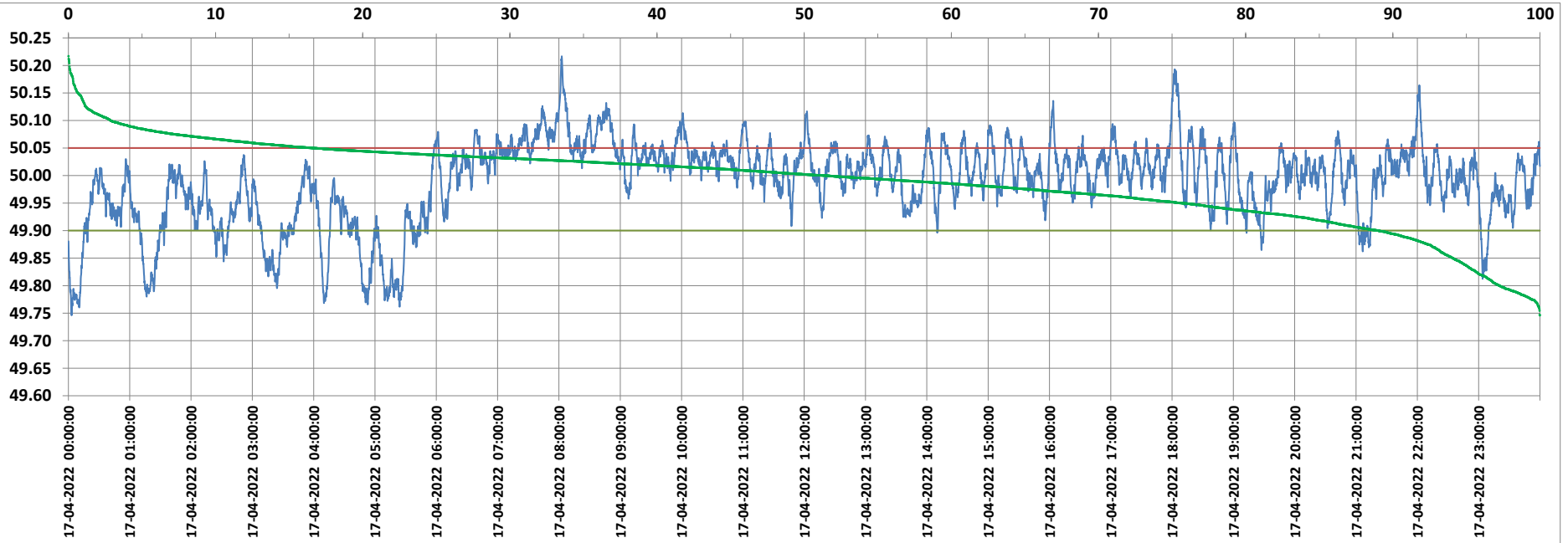


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-04-2022 00:00:00 (17-04-2022 00:00:00)



<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	11.02	32.45	2.75	8.26	37.60	48.52	2.79	72.41	99.93	36.52	13.72	51.38	31.03	16.57	0.07	24.39	59.04	13.37

Average Frequency : 49.989	Frequency Variation Index : 0.0539	Standard Deviation : 0.0727	Mileage: 46.5	FDI: 27.6
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Instantaneous Frequency	
Max	50.217 17-04-2022 08:02:40
Min	49.746 17-04-2022 00:03:00

15 minute Average Frequency	
Max	50.110 8:15:00
Min	49.797 0:15:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	113
above 50.00 Hz	156
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:04:08
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	6:37:20
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