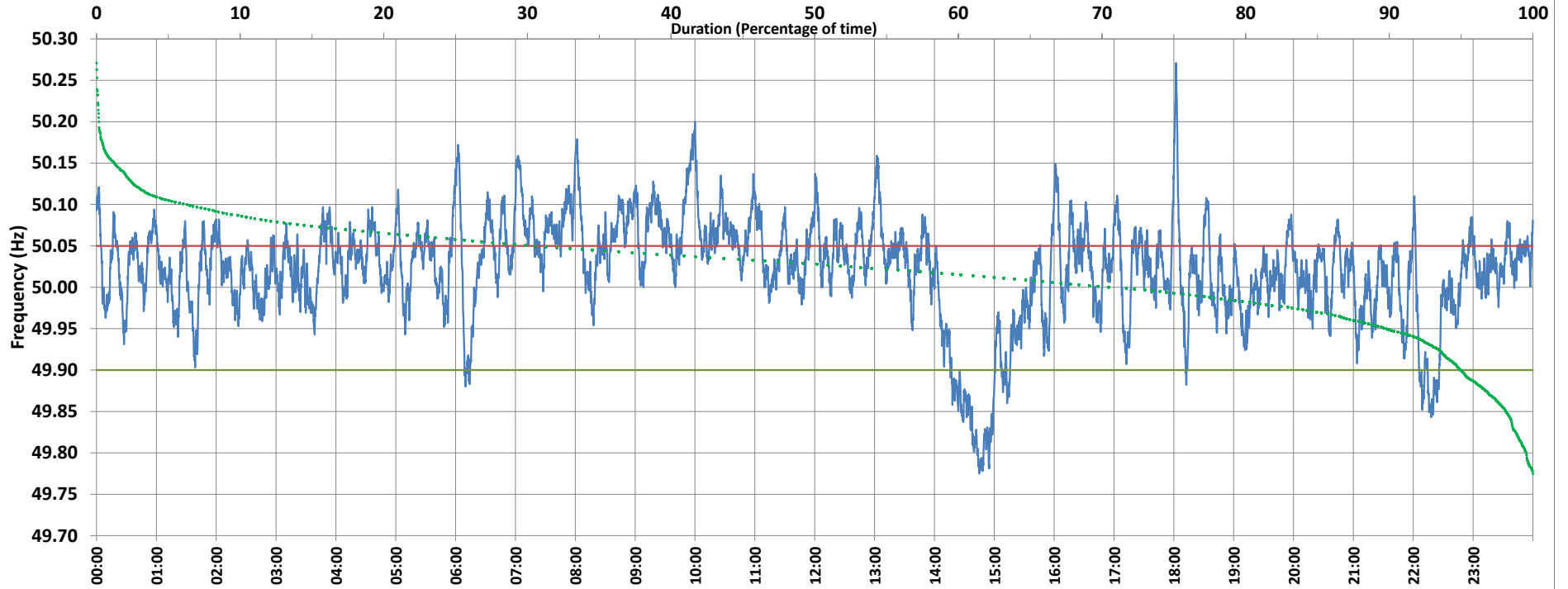


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Mar-2021 (Tuesday)



<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	14.73	0.45	4.54	23.32	65.19	6.33	64.50	99.83	36.97	24.97	70.45	48.30	30.51	0.17	10.08	59.41	5.09

Average Frequency : 50.021	Frequency Variation Index : 0.0419	Standard Deviation : 0.0612	Mileage: 48.8	FDI: 35.5
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Instantaneous Frequency		
Max	50.271	18:02:10
Min	49.775	14:44:50

15 minute Average Frequency		
Max	50.125	10:00:00
Min	49.813	15:00:00

No. of excursions	
above 50.03 Hz	186
below 49.97 Hz	76
above 50.00 Hz	110
below 50.00 Hz	124

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:03:44

No. of hours freq outside 49.9-50.05 Hz	8:31:10
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Source : BARH 10 Sec. (8640 samples)