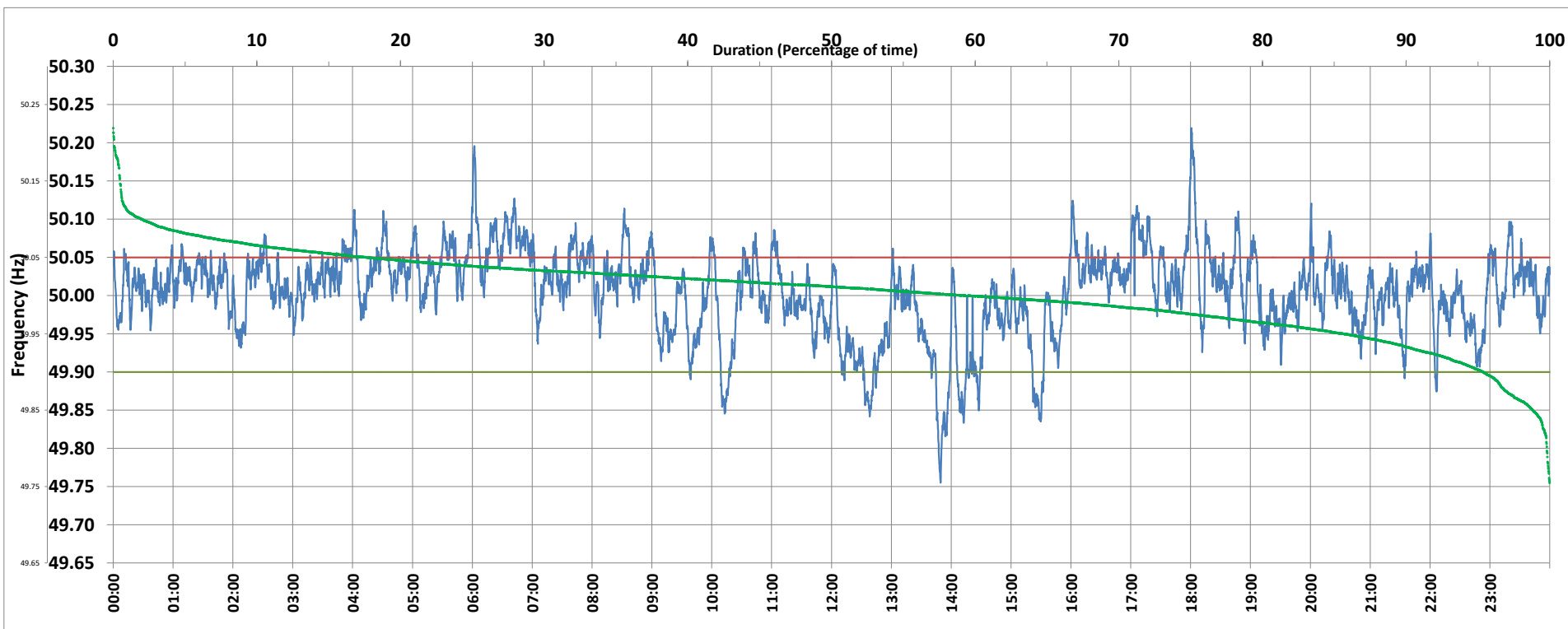


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-May-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	4.61	22.41	0.20	4.41	35.88	57.50	1.94	77.71	99.93	44.80	15.72	59.29	32.79	17.69	0.07	14.34	67.97	9.73

Average Frequency : 50.005	Frequency Variation Index : 0.0302	Standard Deviation : 0.0548	Mileage: 42.0	FDI: 22.3
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Instantaneous Frequency		
Max	50.219	18:00:40
Min	49.755	13:49:20

15 minute Average Frequency		
Max	50.090	6:45:00
Min	49.836	14:00:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	84
above 50.00 Hz	180
below 50.00 Hz	178

Average time freq per excursion remains	
below 49.97	0:03:50
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	5:21:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)