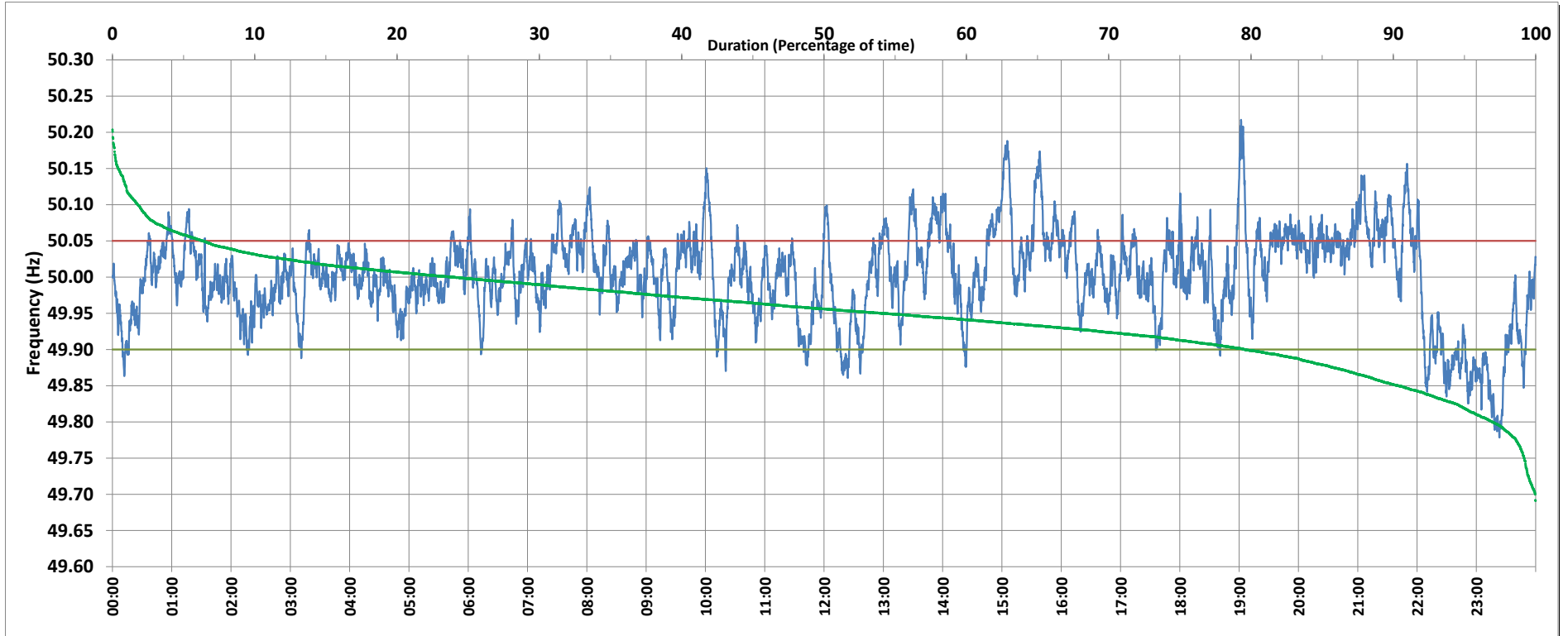


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-May-2019 (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	6.90	25.73	0.36	6.54	38.95	50.28	3.80	73.83	99.92	41.79	15.49	54.13	32.48	19.27	0.08	17.85	62.88	10.95

Average Frequency : 50.001	Frequency Variation Index : 0.0380	Standard Deviation : 0.0616	Mileage: 49.8	FDI: 26.2
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Instantaneous Frequency		
Max	50.217	19:01:50
Min	49.778	23:23:20

15 minute Average Frequency			
Max	50.102	15:45:00	
Min	49.821	23:30:00	

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	113
above 50.00 Hz	199
below 50.00 Hz	199

Average time freq per excursion remains	
below 49.97	0:03:17
above 50.03	0:02:52

No. of hours freq outside 49.9-50.05 Hz	6:16:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)