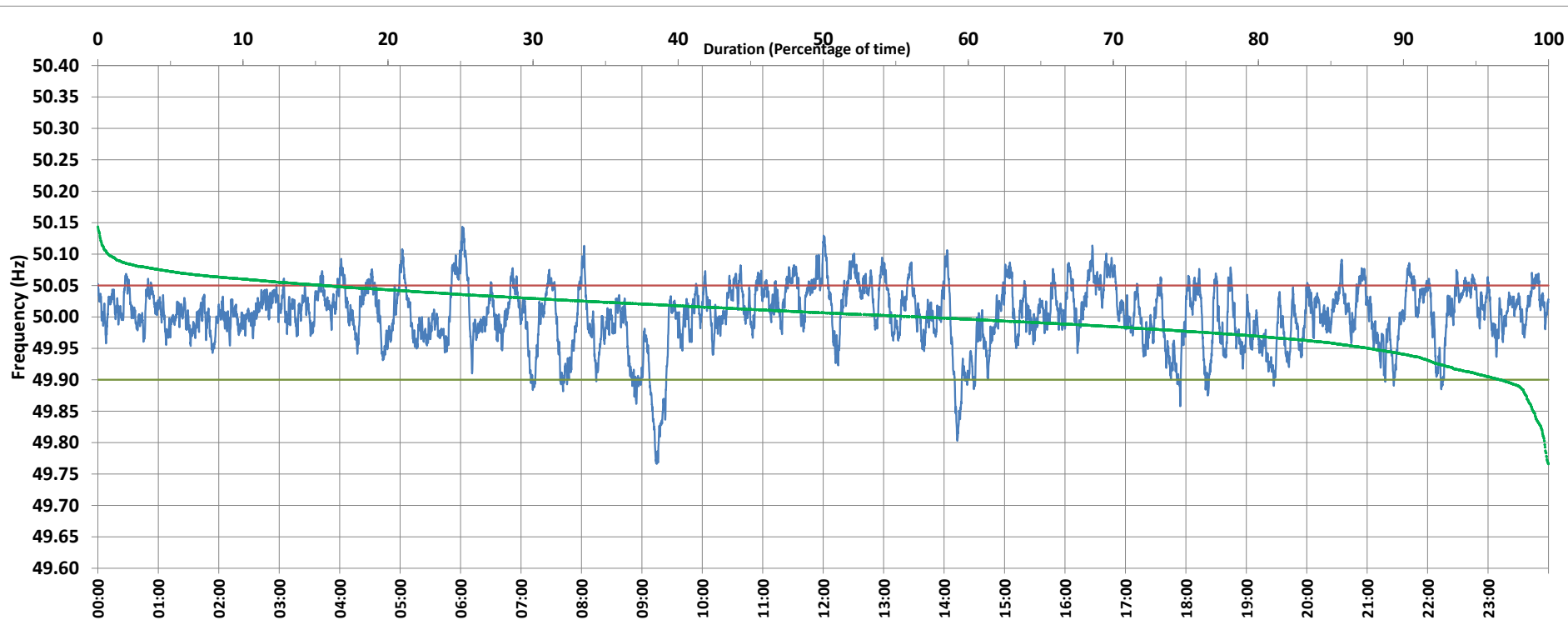


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Jul-2020 (Thursday)



<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	3.30	20.44	0.27	3.03	40.17	55.82	0.71	81.16	100.00	50.10	14.94	56.44	29.46	15.54	0.00	12.43	72.03	9.13

Average Frequency : 50.003	Frequency Variation Index : 0.0243	Standard Deviation : 0.0492	Mileage: 45.0	FDI: 18.8
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Instantaneous Frequency		
Max	50.144	6:01:40
Min	49.766	9:14:40

15 minute Average Frequency		
Max	50.060	12:00:00
Min	49.891	9:15:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	127
above 50.00 Hz	224
below 50.00 Hz	223

Average time freq per excursion remains	
below 49.97	0:02:19
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	4:31:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)