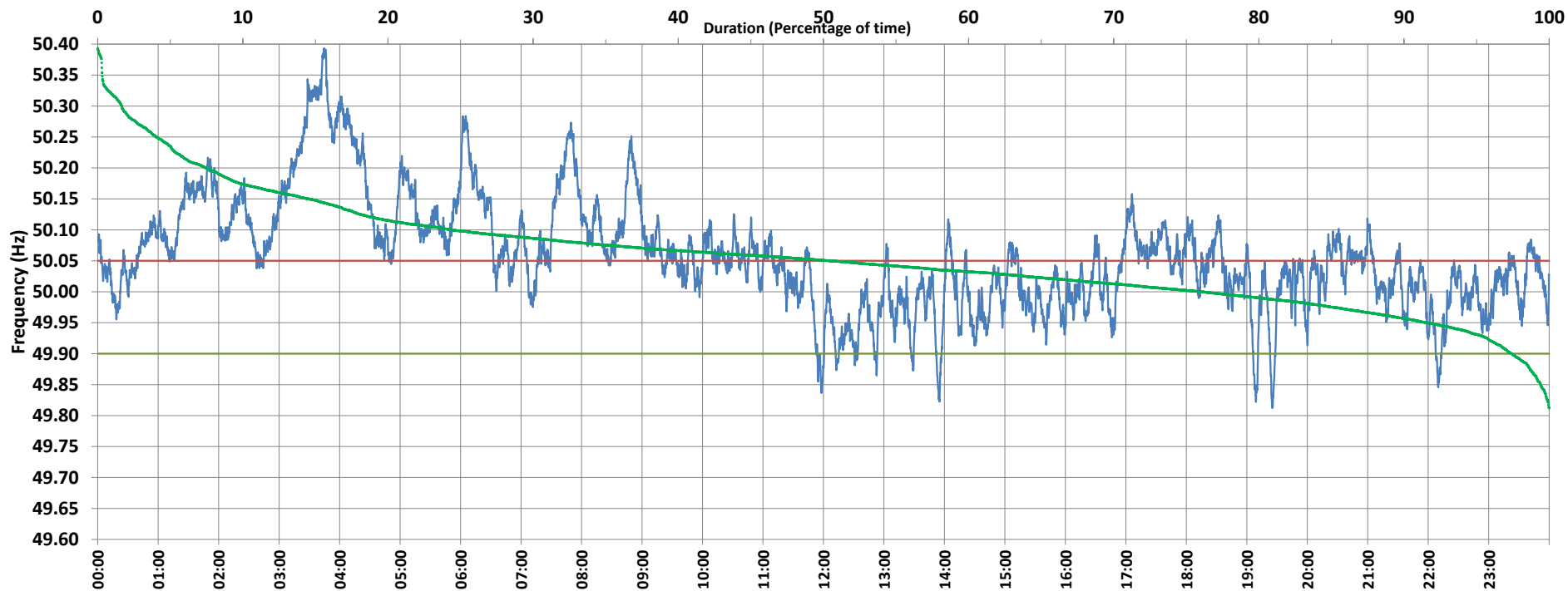


**POWER SYSTEM OPERATION CORPORATION LIMITED**

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Jul-2020 (Sunday)



<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	2.57	13.48	0.00	2.57	21.30	51.68	16.96	46.94	92.50	24.87	26.11	76.11	61.64	50.49	7.50	8.40	41.11	5.83

Average Frequency : 50.058	Frequency Variation Index : 0.1132	Standard Deviation : 0.0890	Mileage: 46.1	FDI: 53.1
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Instantaneous Frequency		
Max	50.393	3:44:30
Min	49.812	19:25:10

15 minute Average Frequency		
Max	50.332	3:45:00
Min	49.921	22:15:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	69
above 50.00 Hz	111
below 50.00 Hz	109

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:07:13

No. of hours freq outside 49.9-50.05 Hz	12:44:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)