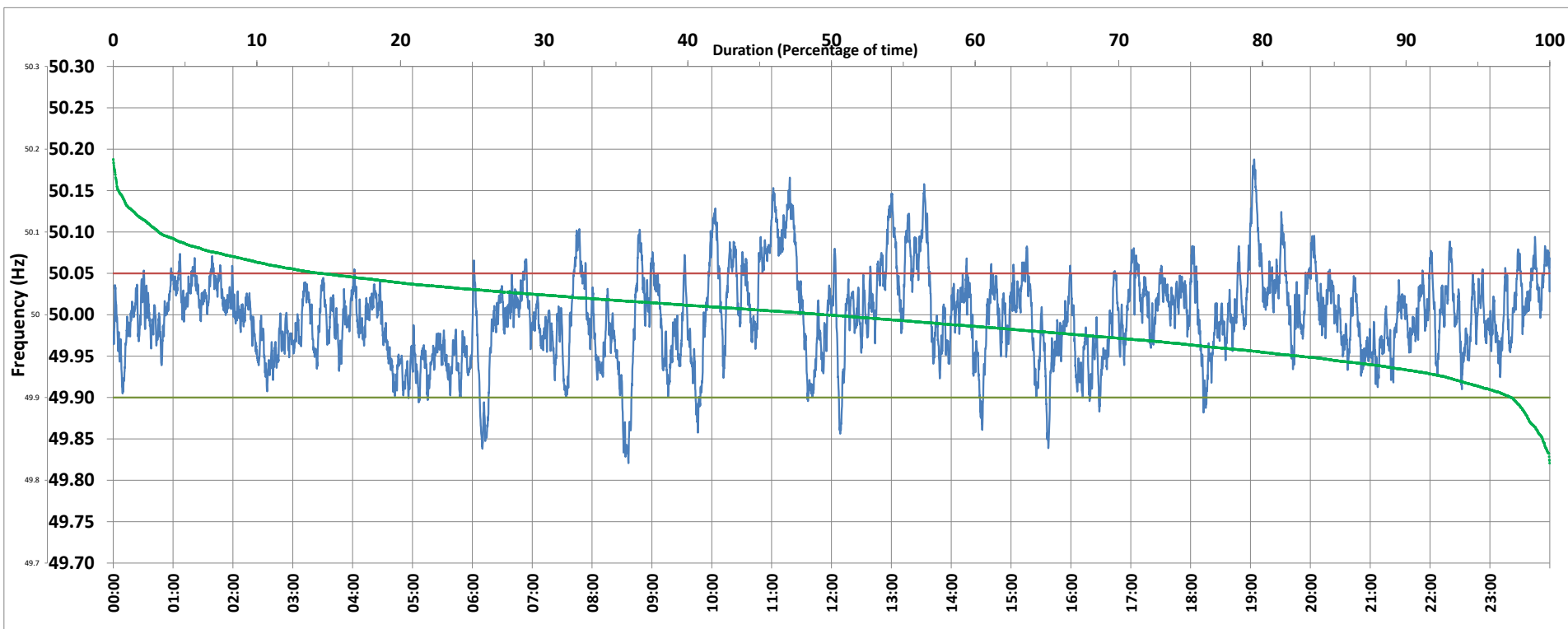


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Jun-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	2.69	28.88	0.00	2.69	47.70	46.46	3.16	82.84	100.00	45.64	11.37	49.43	25.49	14.48	0.00	17.38	68.14	14.70

Average Frequency : 49.998	Frequency Variation Index : 0.0278	Standard Deviation : 0.0527	Mileage: 46.5	FDI: 17.2
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Instantaneous Frequency		
Max	50.188	19:03:40
Min	49.821	8:36:20

15 minute Average Frequency		
Max	50.108	11:15:00
Min	49.899	8:45:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	146
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:02:13

No. of hours freq outside 49.9-50.05 Hz	4:07:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)