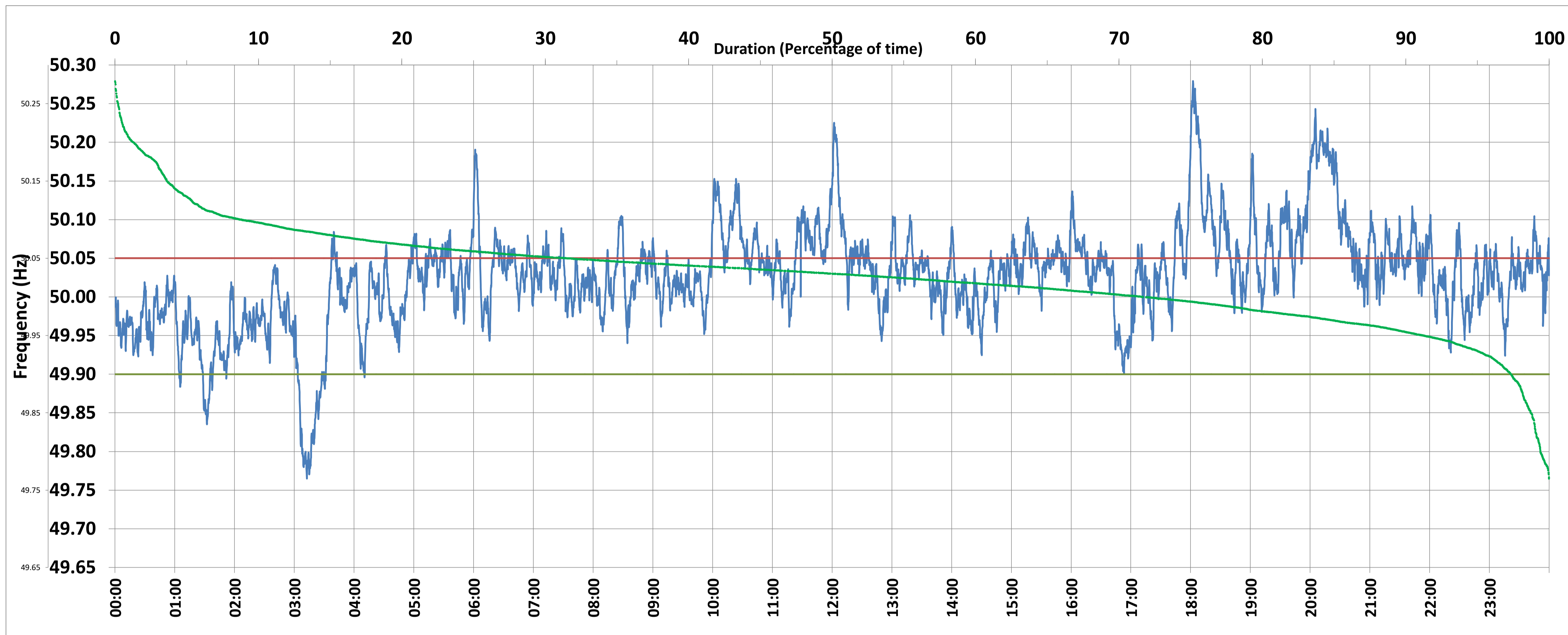


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-May-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	2.66	15.09	0.61	2.05	25.45	63.06	7.53	65.75	98.70	34.71	22.86	71.67	50.20	31.59	1.30	8.73	59.69	6.06

Average Frequency : 50.027	Frequency Variation Index : 0.0479	Standard Deviation : 0.0636	Mileage: 44.1	FDI: 34.2
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Instantaneous Frequency		
Max	50.279	18:02:20
Min	49.765	3:12:30

15 minute Average Frequency		
Max	50.196	20:15:00
Min	49.842	3:15:00

No. of excursions	
above 50.03 Hz	188
below 49.97 Hz	77
above 50.00 Hz	112
below 50.00 Hz	114

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:03:51

No. of hours freq outside 49.9-50.05 Hz	8:13:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)