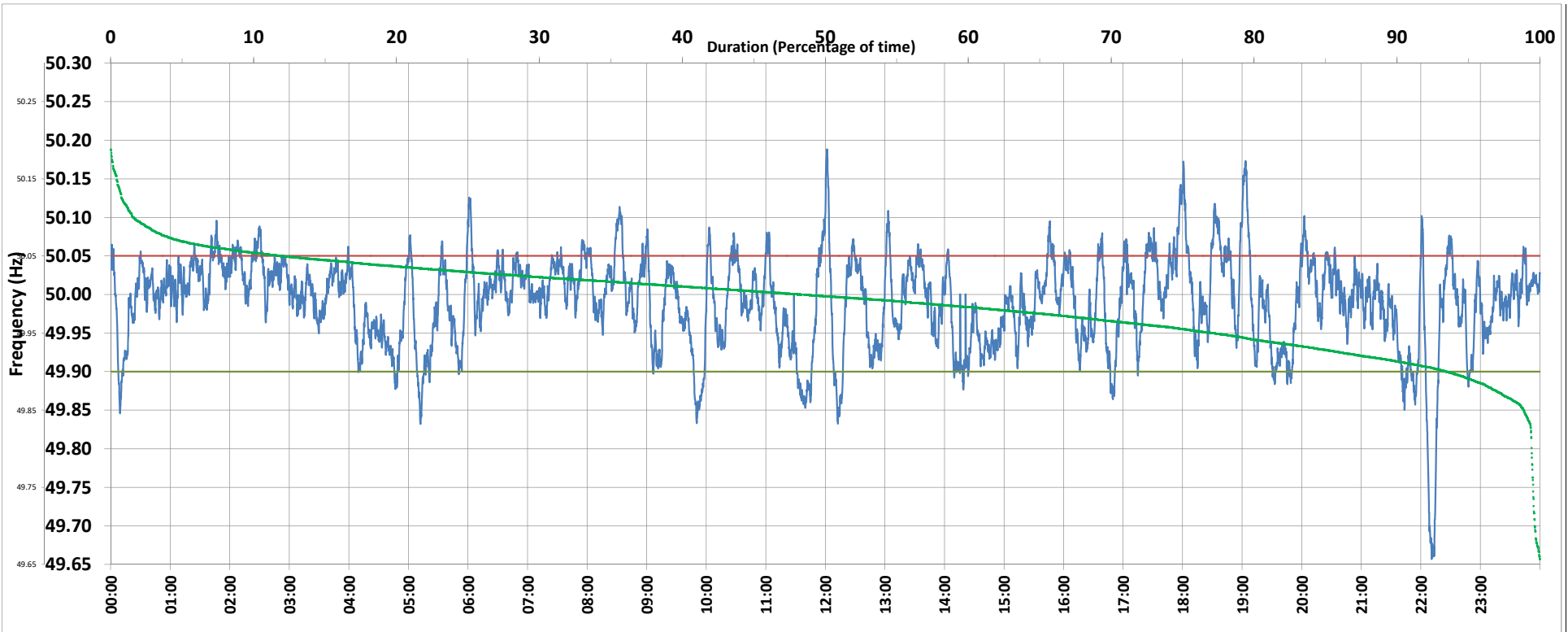


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 25-May-2020 (Monday)



<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
0.38	6.49	32.06	0.21	5.90	44.98	46.94	1.59	81.57	99.62	43.40	10.44	48.31	24.54	11.93	0.00	22.75	65.31	16.26

Average Frequency : 49.990	Frequency Variation Index : 0.0360	Standard Deviation : 0.0591	Mileage: 41.6	FDI: 18.4
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Instantaneous Frequency		
Max	50.188	12:01:30
Min	49.657	22:10:50

15 minute Average Frequency		
Max	50.069	18:45:00
Min	49.824	22:15:00

No. of excursions	
above 50.03 Hz	145
below 49.97 Hz	113
above 50.00 Hz	150
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:04:05
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	4:25:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)