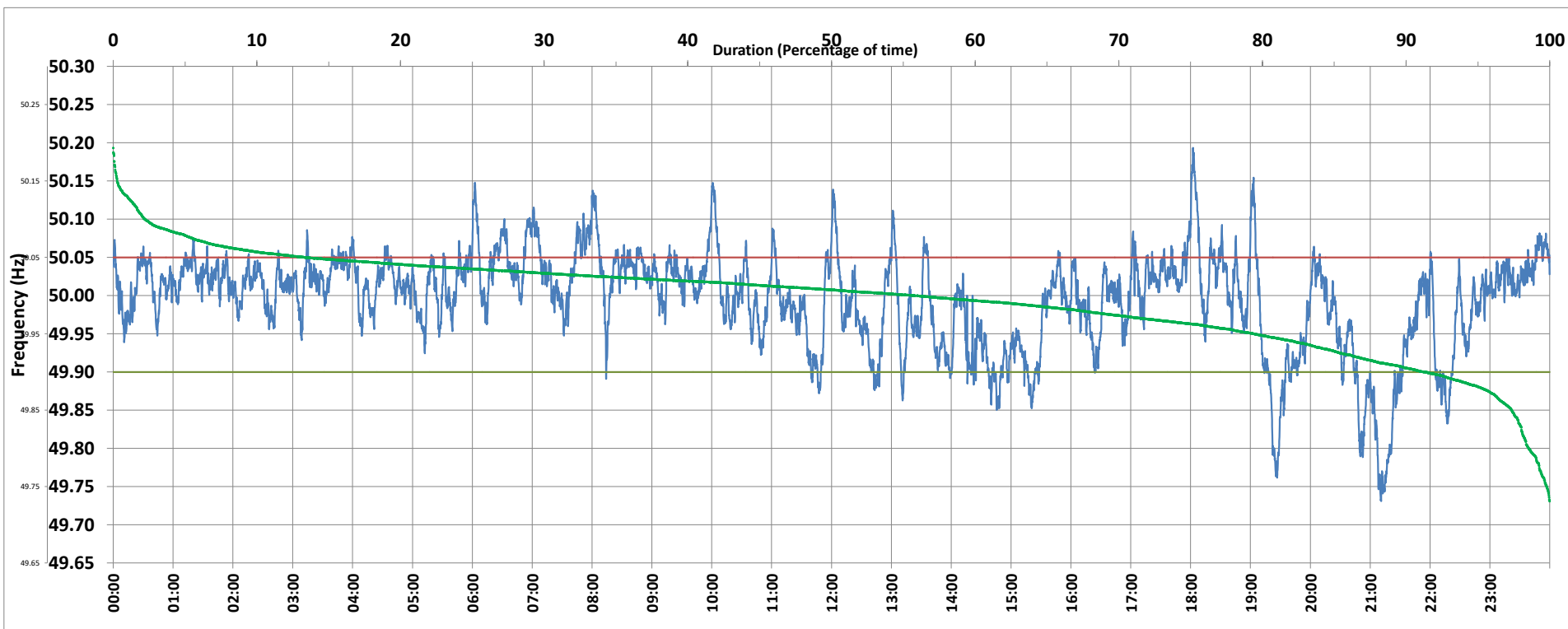


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-May-2020 (Friday)



<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	8.66	28.28	1.46	7.20	35.39	53.73	2.22	77.99	100.00	42.34	11.20	55.76	29.39	13.36	0.00	20.58	66.06	11.92

Average Frequency : 49.994	Frequency Variation Index : 0.0406	Standard Deviation : 0.0635	Mileage: 41.6	FDI: 22.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.193	18:02:20
Min	49.731	21:10:50

15 minute Average Frequency		
Max	50.079	8:00:00
Min	49.802	21:15:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	96
above 50.00 Hz	139
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:04:14
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:17:00
---	---------

Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)