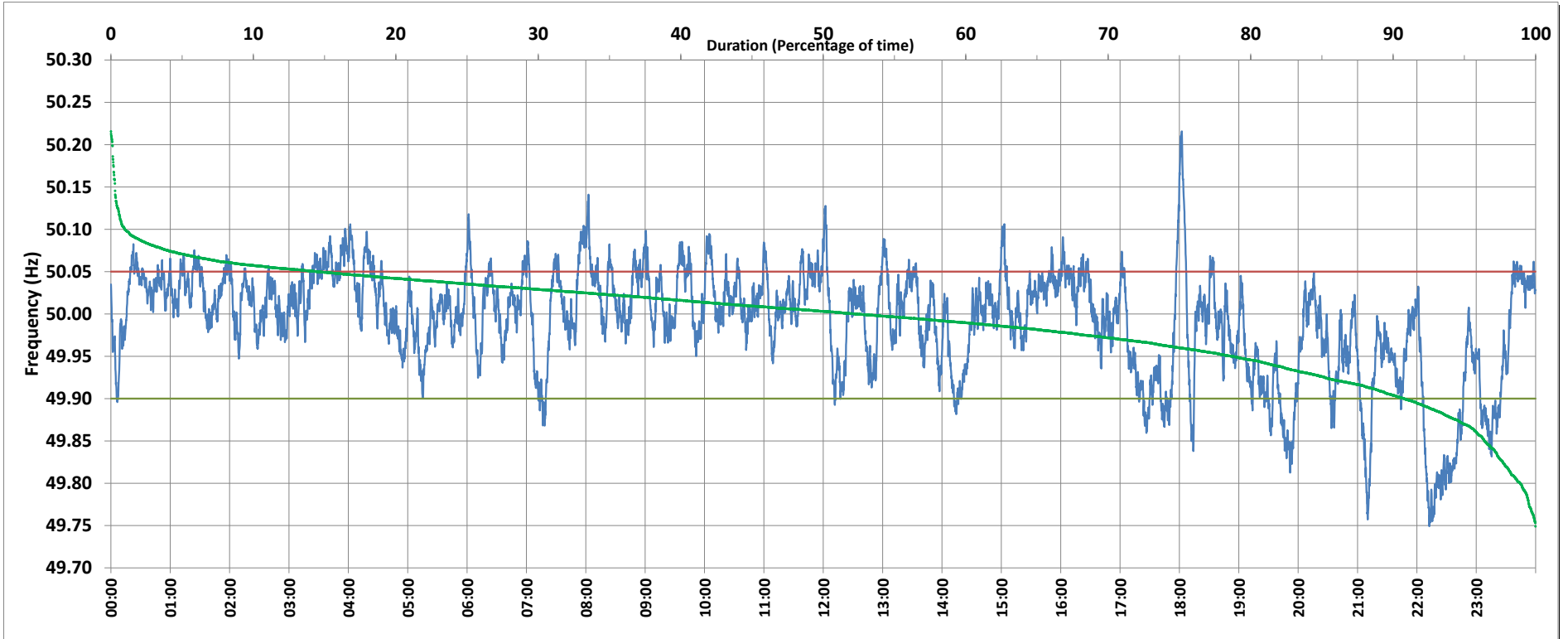


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-May-2019 (Saturday)



<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	9.20	29.05	1.06	8.14	38.41	51.39	0.89	76.28	99.90	41.64	13.56	52.28	29.31	14.51	0.10	21.23	64.26	12.03

Average Frequency : 49.992	Frequency Variation Index : 0.0407	Standard Deviation : 0.0632	Mileage: 44.7	FDI: 23.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.216	18:02:20
Min	49.749	22:12:30

15 minute Average Frequency		
Max	50.064	4:00:00
Min	49.796	22:30:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	102
above 50.00 Hz	179
below 50.00 Hz	177

Average time freq per excursion remains	
below 49.97	0:04:06
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	5:41:30
---	---------

Source : HISSAR:Frequency 10 Sec. (8640 samples)