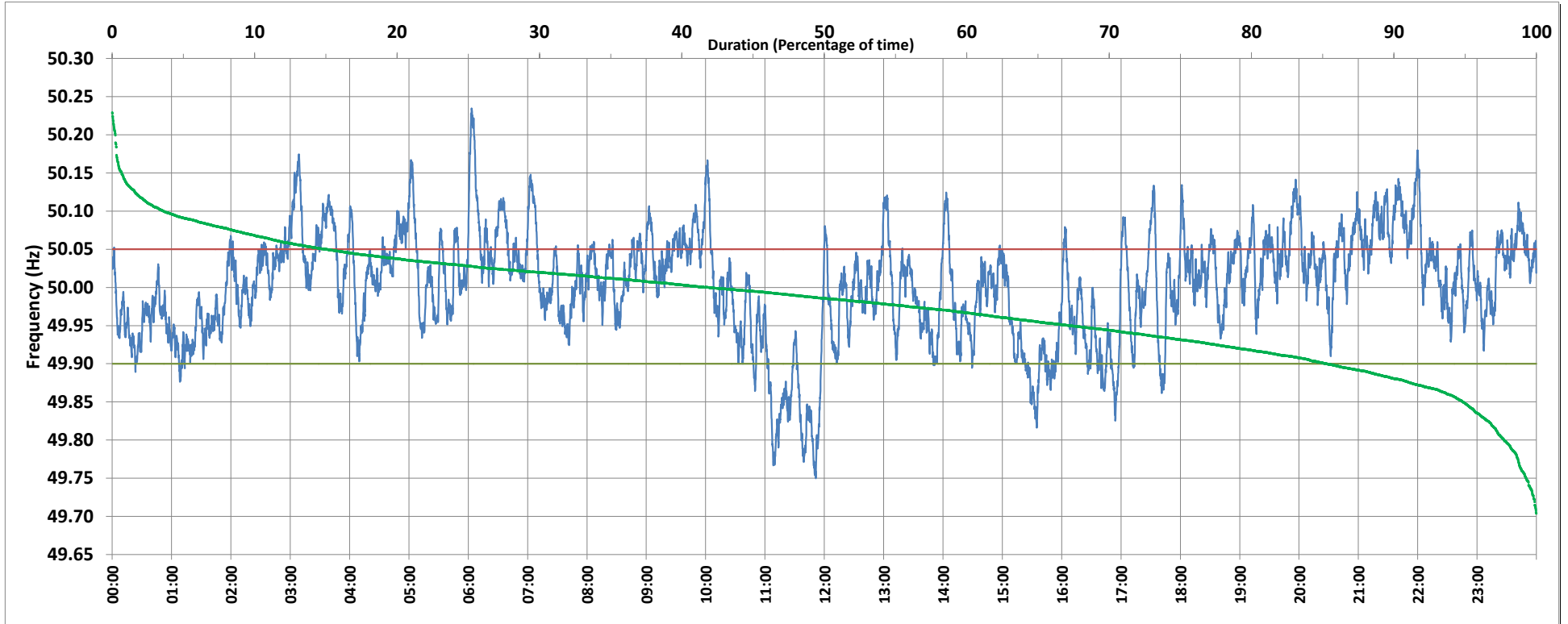


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Jan-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	7.05	29.32	0.94	6.11	37.03	49.29	6.40	68.45	99.77	33.11	17.92	55.89	37.57	24.50	0.23	21.09	54.41	14.04

Average Frequency : 50.003	Frequency Variation Index : 0.0487	Standard Deviation : 0.0697	Mileage: 46.6	FDI: 31.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.235	6:03:20
Min	49.750	11:51:20

15 minute Average Frequency		
Max	50.129	6:15:00
Min	49.841	11:45:00

No. of excursions	
above 50.03 Hz	147
below 49.97 Hz	108
above 50.00 Hz	122
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:03:55
above 50.03	0:03:41

No. of hours freq outside 49.9-50.05 Hz	7:34:20
---	---------

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