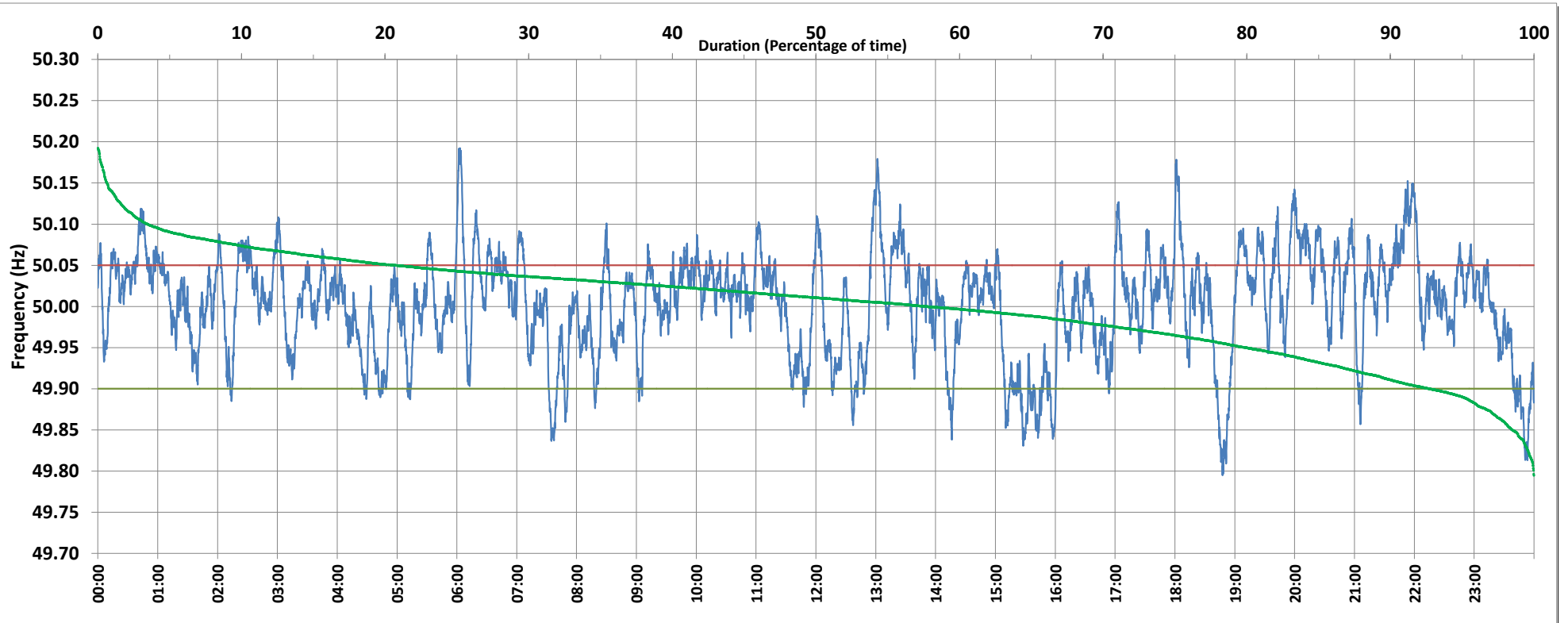


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Feb-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	7.25	26.99	0.02	7.22	35.03	54.25	3.47	72.05	100.00	37.87	17.29	57.66	35.14	20.71	0.00	20.02	59.27	12.78

Average Frequency : 50.002	Frequency Variation Index : 0.0389	Standard Deviation : 0.0623	Mileage: 47.6	FDI: 28.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.192	6:03:00
Min	49.795	18:47:40

15 minute Average Frequency		
Max	50.108	22:00:00
Min	49.871	0:00:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	93
above 50.00 Hz	165
below 50.00 Hz	167

Average time freq per excursion remains	
below 49.97	0:04:11
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	6:42:30
---	---------

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