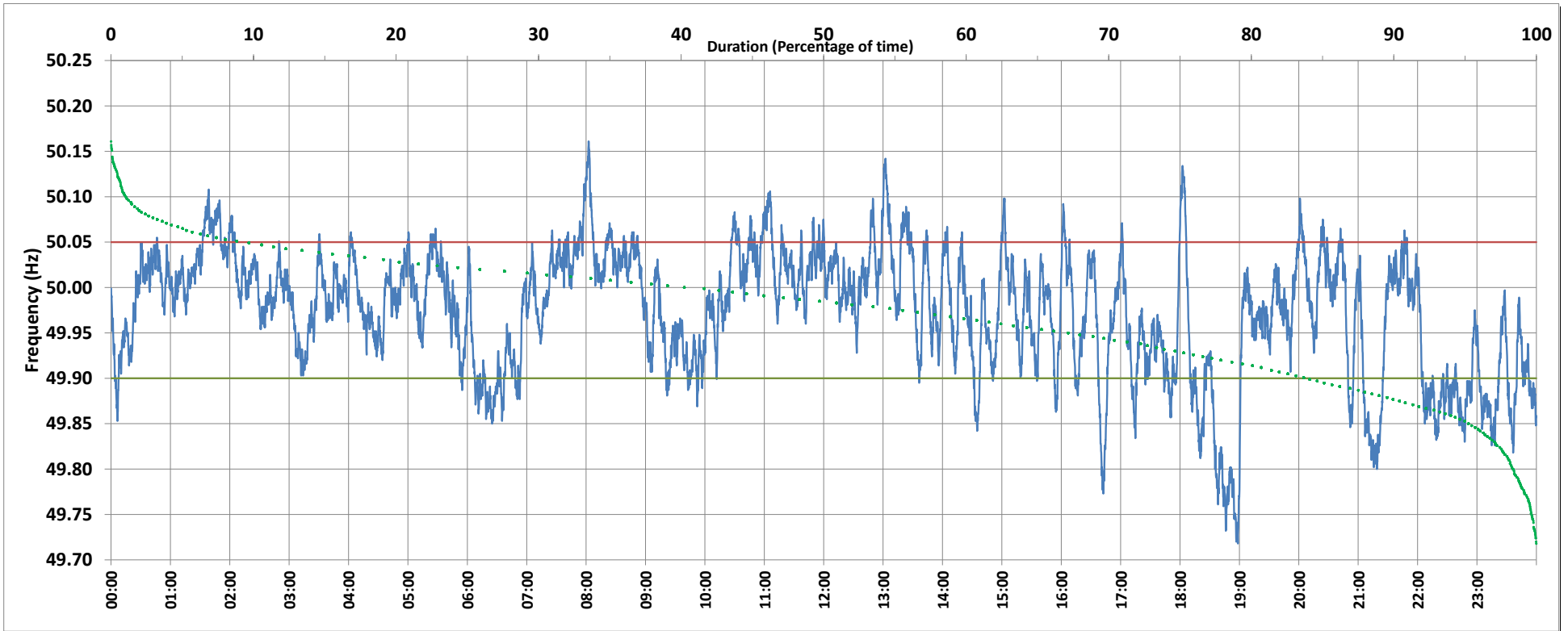


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Aug-2019 (Tuesday)



<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	15.90	41.13	1.57	14.33	42.48	40.51	1.11	74.42	100.00	38.65	8.65	40.22	20.22	9.68	0.00	32.04	58.29	16.13

Average Frequency : 49.974	Frequency Variation Index : 0.0533	Standard Deviation : 0.0680	Mileage: 47.6	FDI: 25.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.161	8:02:30
Min	49.718	18:58:20

15 minute Average Frequency		
Max	50.066	1:45:00
Min	49.763	19:00:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	76
above 50.00 Hz	86
below 50.00 Hz	75

Average time freq per excursion remains	
below 49.97	0:07:48
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	6:08:20
---	---------

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