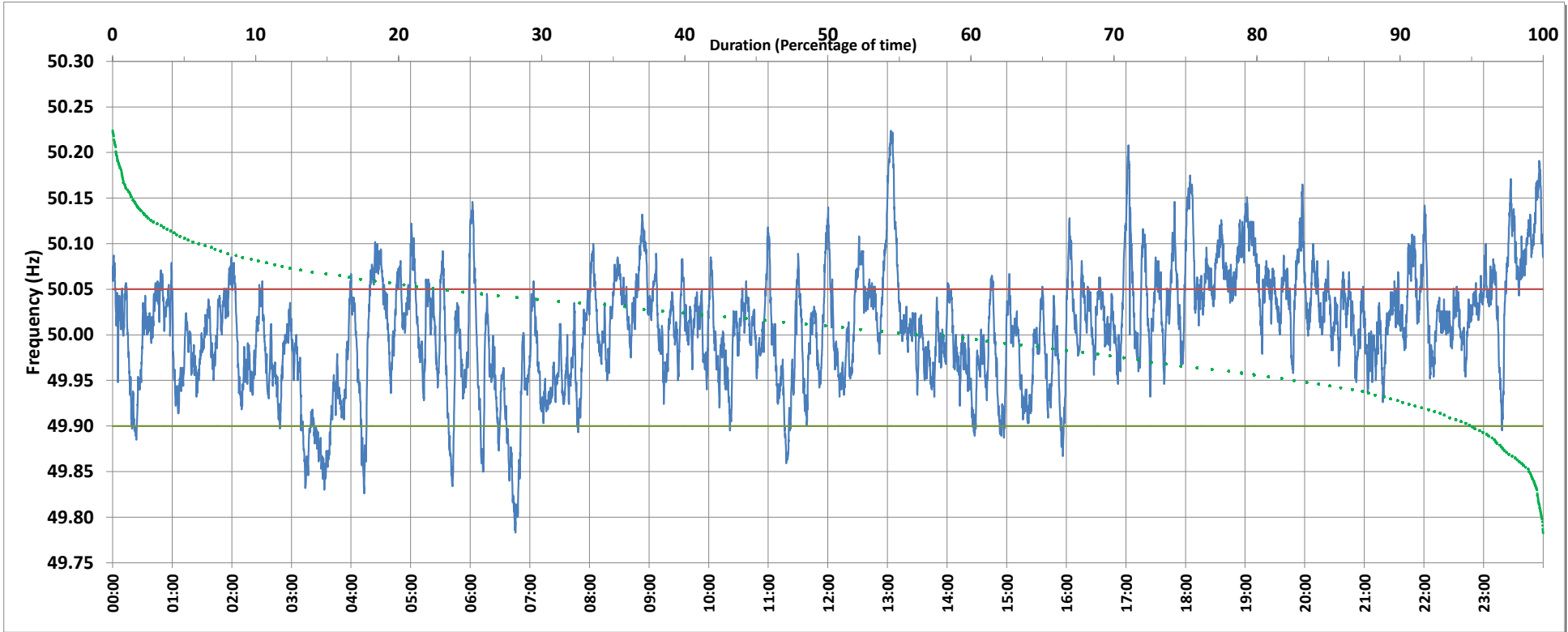


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Dec-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	4.95	26.38	0.08	4.87	37.00	51.59	6.22	71.67	99.76	36.49	17.36	56.18	37.13	23.38	0.24	16.53	60.09	11.57

Average Frequency : 50.008	Frequency Variation Index : 0.0400	Standard Deviation : 0.0628	Mileage: 54.2	FDI: 28.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.224	13:03:20
Min	49.783	6:45:30

15 minute Average Frequency		
Max	50.131	0:00:00
Min	49.886	3:30:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	96
above 50.00 Hz	110
below 50.00 Hz	102

Average time freq per excursion remains	
below 49.97	0:03:57
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	6:48:00
---	---------

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