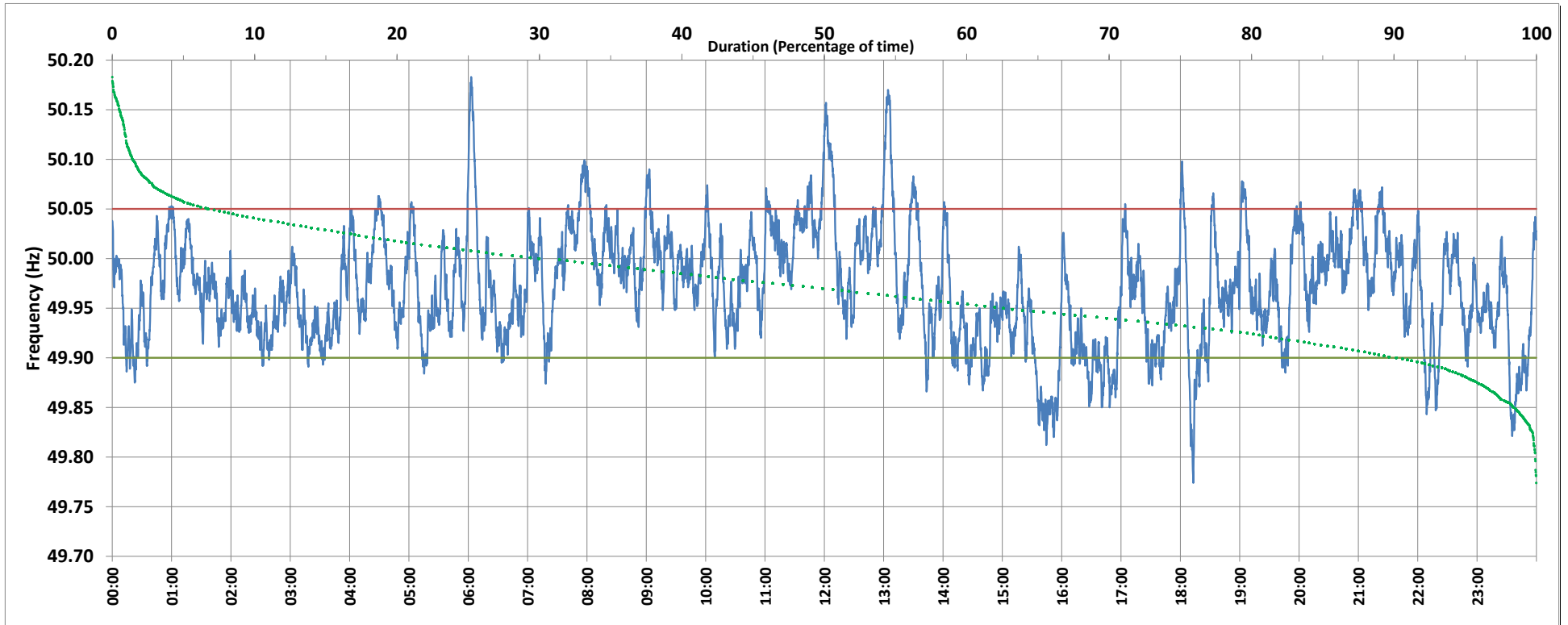


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Oct-2018 (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
0.0	9.4	49.4	0.1	9.3	59.2	29.9	1.5	83.9	100.0	36.1	5.7	30.0	14.5	6.7	0.0	36.8	56.5	27.4

Average Frequency : 49.971	Frequency Variation Index : 0.040	Standard Deviation : 0.056	Mileage: 43.5	FDI: 16.1
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.183	6:02:50
Min	49.774	18:13:00

15 minute Average Frequency		
Max	50.080	13:15:00
Min	49.862	16:00:00

No. of excursions	
above 50.03 Hz	74
below 49.97 Hz	112
above 50.00 Hz	100
below 50.00 Hz	95

Average time freq per excursion remains	
below 49.97	0:06:21
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	3:52:10
---	---------

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