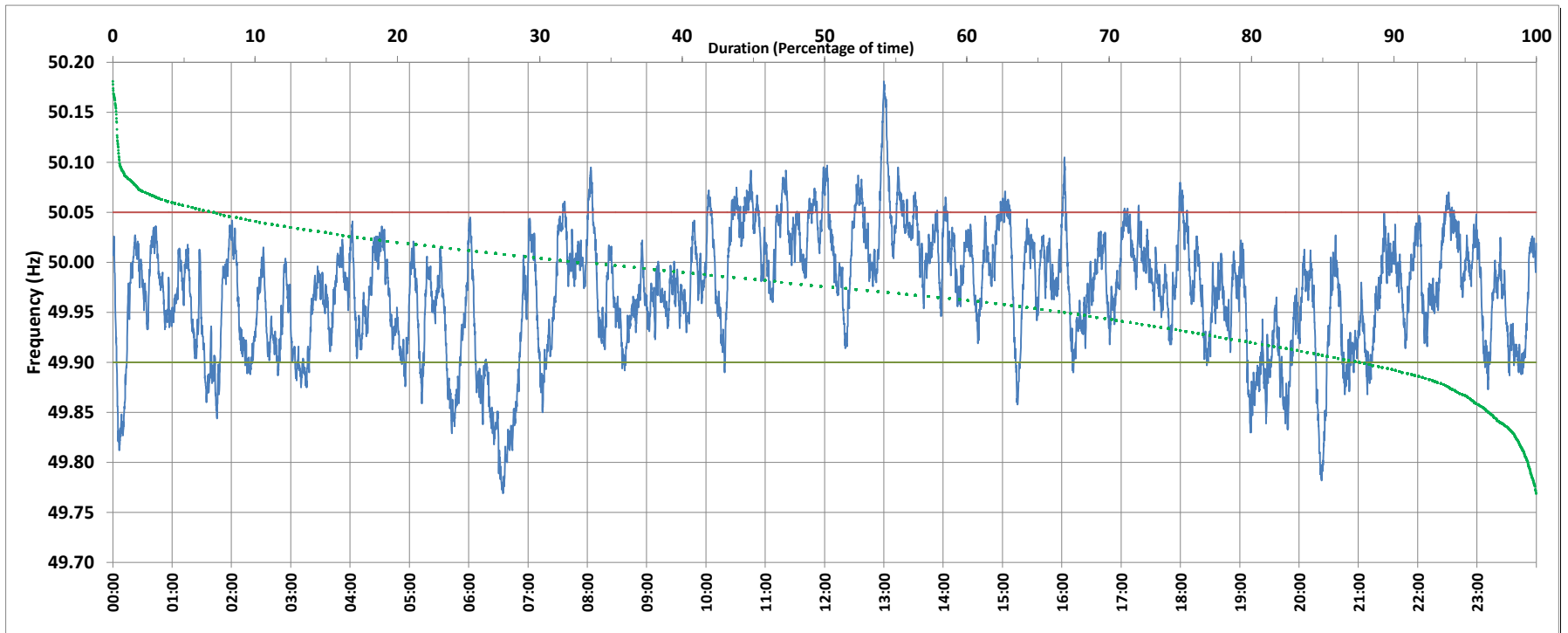


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Aug-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	12.1	44.8	0.6	11.5	53.9	33.5	0.5	80.8	100.0	40.3	6.8	32.7	14.9	7.1	0.0	32.7	60.2	20.6

Average Frequency : 49.971	Frequency Variation Index : 0.043	Standard Deviation : 0.059	Mileage: 45.7	FDI: 19.2
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.181	13:00:00
Min	49.769	6:34:40

15 minute Average Frequency		
Max	50.075	13:15:00
Min	49.804	6:45:00

No. of excursions	
above 50.03 Hz	94
below 49.97 Hz	130
above 50.00 Hz	110
below 50.00 Hz	98

Average time freq per excursion remains	
below 49.97	0:04:58
above 50.03	0:02:17

No. of hours freq outside 49.9-50.05 Hz	4:36:00
---	---------

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