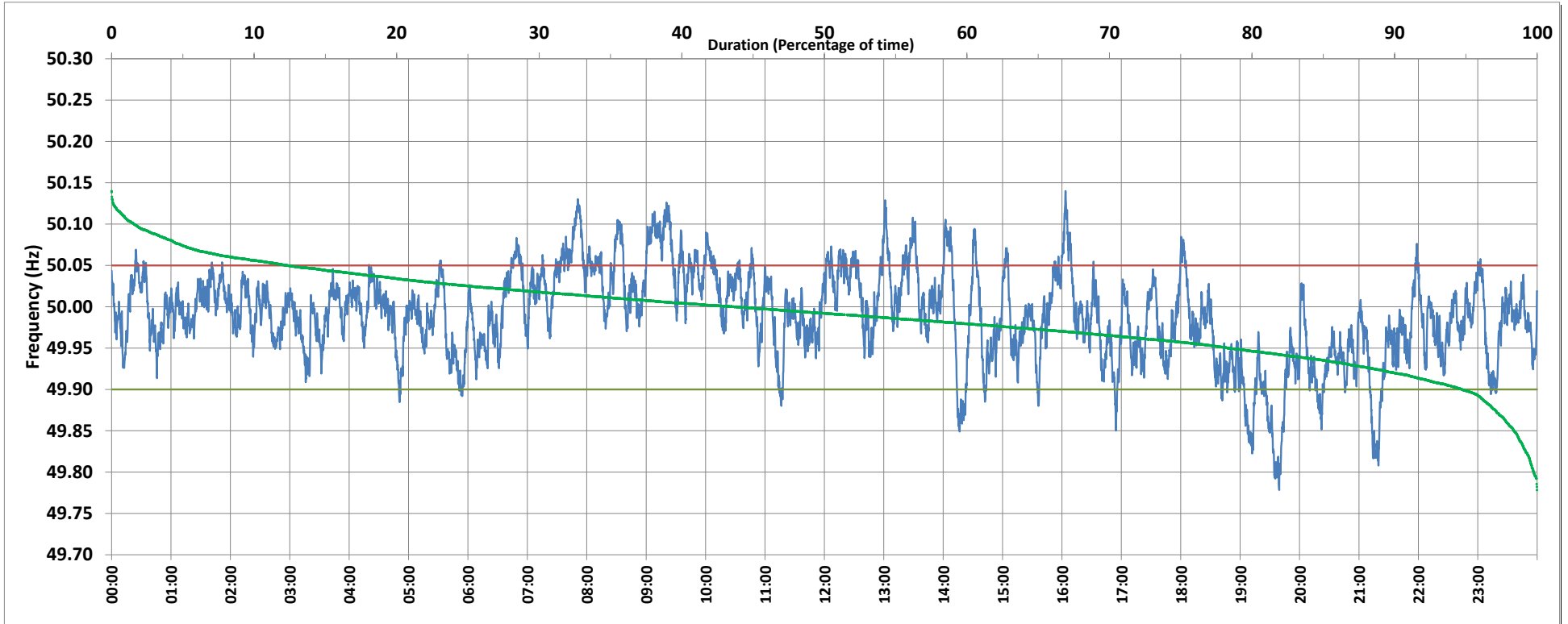


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jul-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	5.3	33.0	0.2	5.0	50.9	42.2	1.6	82.4	100.0	44.8	10.8	43.7	22.1	12.3	0.0	21.6	66.1	16.3

Average Frequency : 49.989	Frequency Variation Index : 0.031	Standard Deviation : 0.055	Mileage: 46.6	FDI: 17.6
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.140	16:03:30
Min	49.778	19:39:20

15 minute Average Frequency		
Max	50.090	9:15:00
Min	49.828	19:45:00

No. of excursions	
above 50.03 Hz	117
below 49.97 Hz	164
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:02:44

No. of hours freq outside 49.9-50.05 Hz	4:13:30
---	---------

Source : SLPR4:Frequency 10 Sec. (8640 samples)