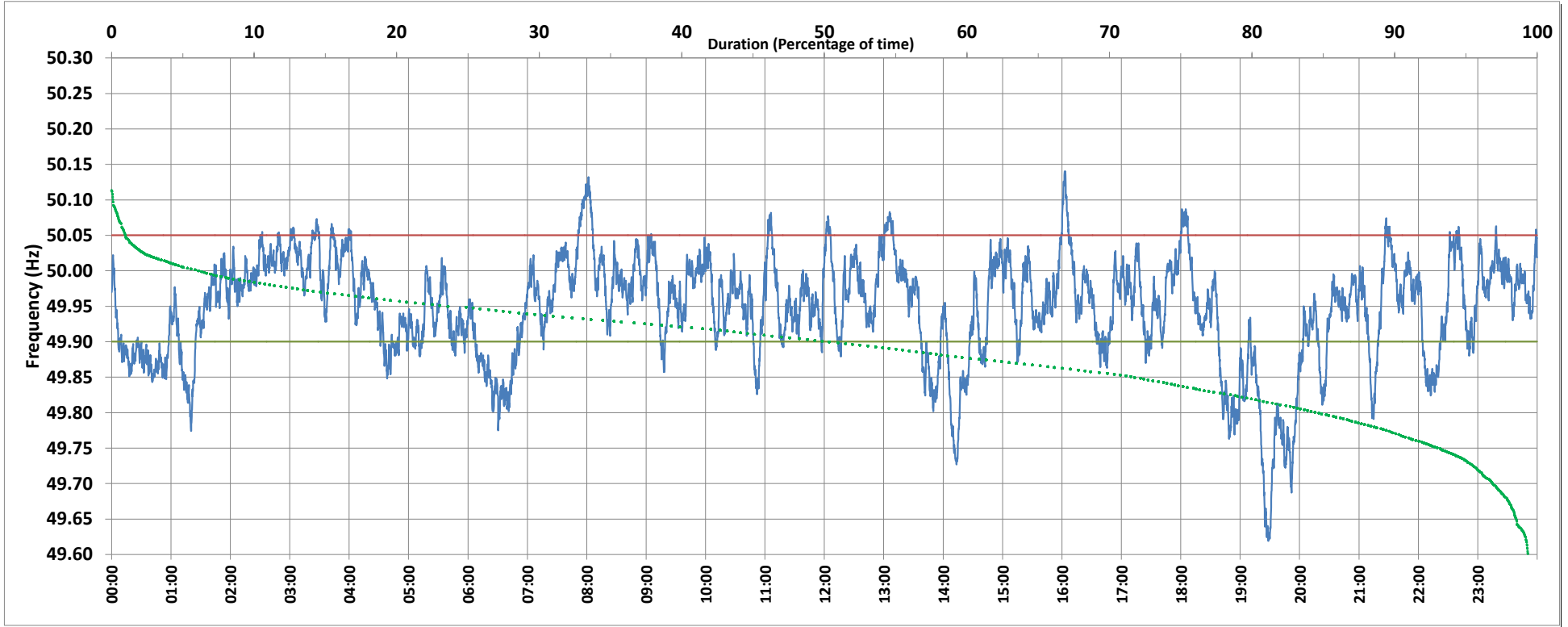


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jul-2018 (Thursday)



<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
0.6	23.7	56.3	3.3	19.8	51.5	24.1	0.7	71.8	99.4	34.0	4.0	23.6	9.7	4.5	0.0	45.5	50.0	21.8

Average Frequency : 49.947	Frequency Variation Index : 0.084	Standard Deviation : 0.074	Mileage: 47.6	FDI: 28.2
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.140	16:02:40
Min	49.619	19:28:20

15 minute Average Frequency		
Max	50.051	8:00:00
Min	49.734	19:30:00

No. of excursions	
above 50.03 Hz	69
below 49.97 Hz	117
above 50.00 Hz	99
below 50.00 Hz	92

Average time freq per excursion remains	
below 49.97	0:06:56
above 50.03	0:02:01

No. of hours freq outside 49.9-50.05 Hz	6:45:50
---	---------

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