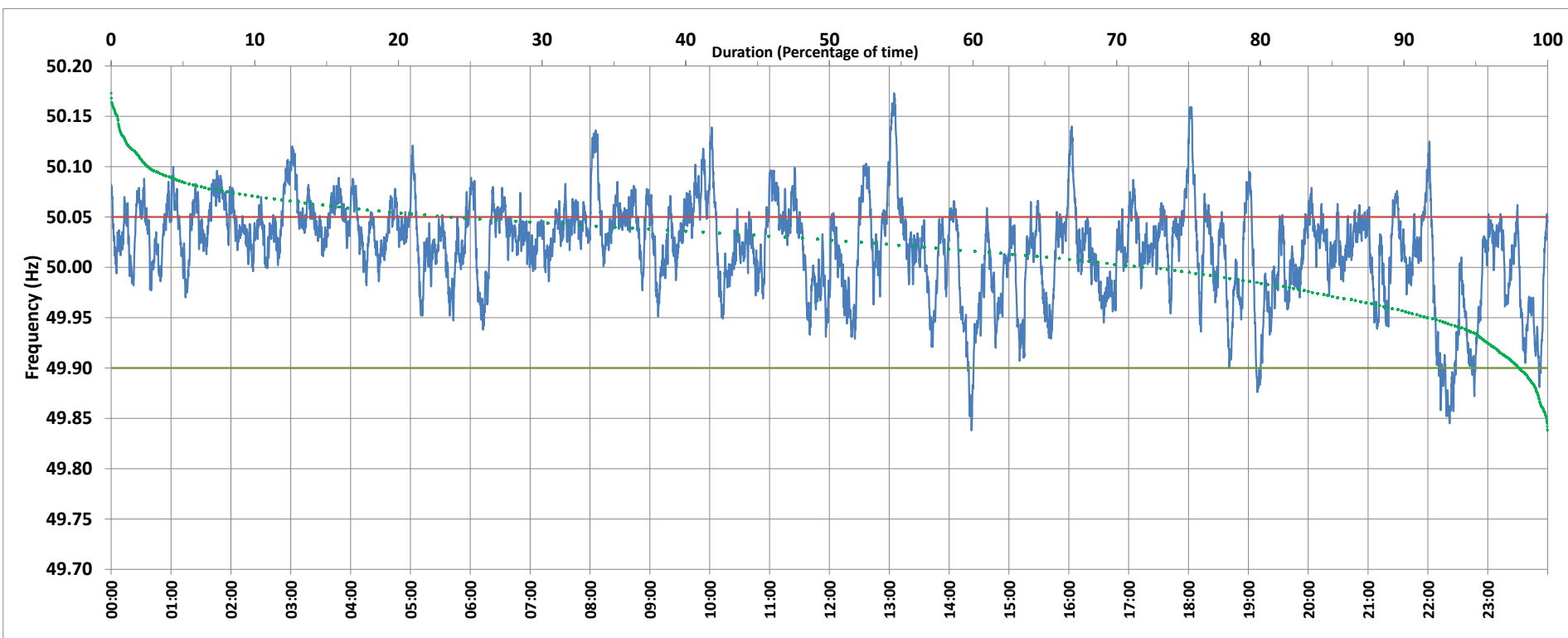


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Jun-2019 (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
0.00	1.93	14.19	0.00	1.93	25.02	70.39	2.65	74.39	100.00	38.90	22.04	71.78	46.91	23.68	0.00	8.01	68.31	6.08

Average Frequency : 50.020	Frequency Variation Index : 0.0261	Standard Deviation : 0.0470	Mileage: 44.3	FDI: 25.6
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Instantaneous Frequency	
Max	50.173 13:04:50
Min	49.838 14:22:20

15 minute Average Frequency	
Max	50.102 13:15:00
Min	49.884 22:30:00

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	61
above 50.00 Hz	100
below 50.00 Hz	93

Average time freq per excursion remains	
below 49.97	0:03:21
above 50.03	0:03:27

No. of hours freq outside 49.9-50.05 Hz	6:08:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)