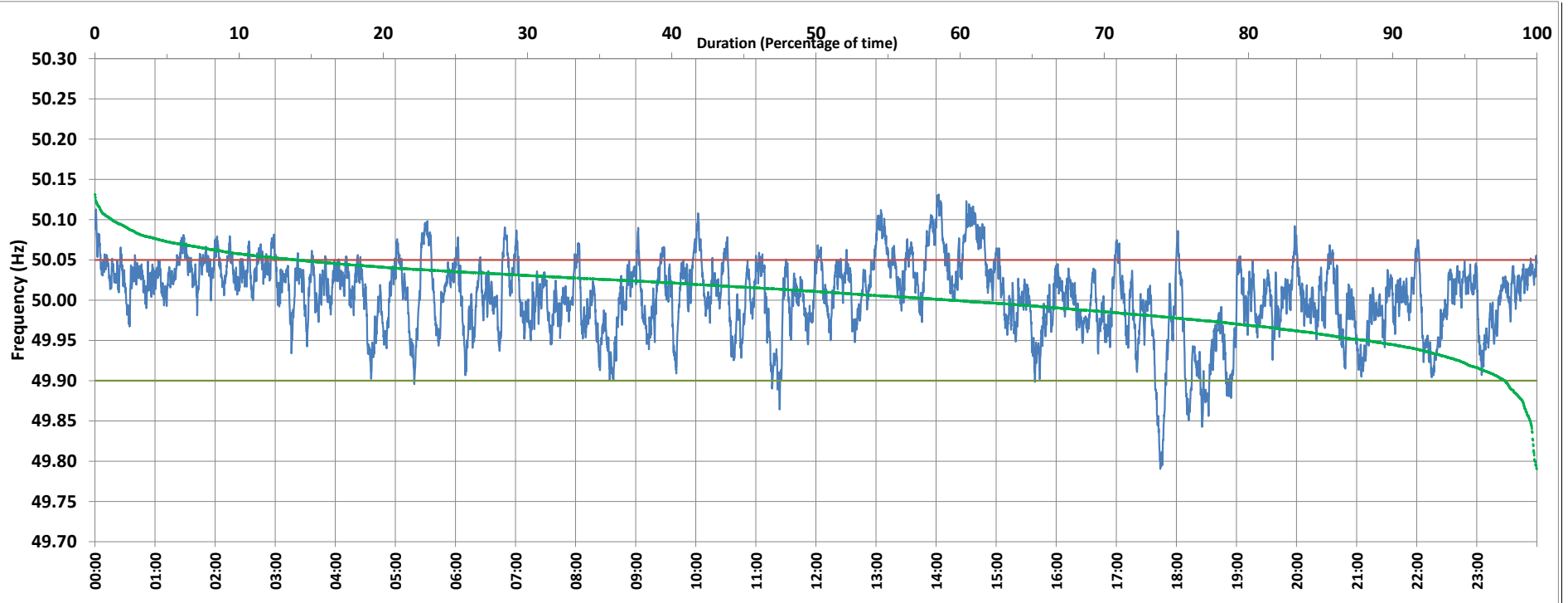


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Sep-2020 (Friday)



<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	2.22	20.59	0.13	2.09	38.31	58.28	1.19	83.83	100.00	48.78	12.80	59.38	30.63	13.95	0.00	10.00	74.21	7.78

Average Frequency : 50.005	Frequency Variation Index : 0.0218	Standard Deviation : 0.0464	Mileage: 45.8	FDI: 16.2
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Instantaneous Frequency		
Max	50.131	14:02:40
Min	49.790	17:43:50

15 minute Average Frequency		
Max	50.094	14:45:00
Min	49.904	18:30:00

No. of excursions	
above 50.03 Hz	225
below 49.97 Hz	122
above 50.00 Hz	207
below 50.00 Hz	208

Average time freq per excursion remains	
below 49.97	0:02:26
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	3:52:50
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Source : SLPR4:Frequency 10 Sec. (8640 samples)