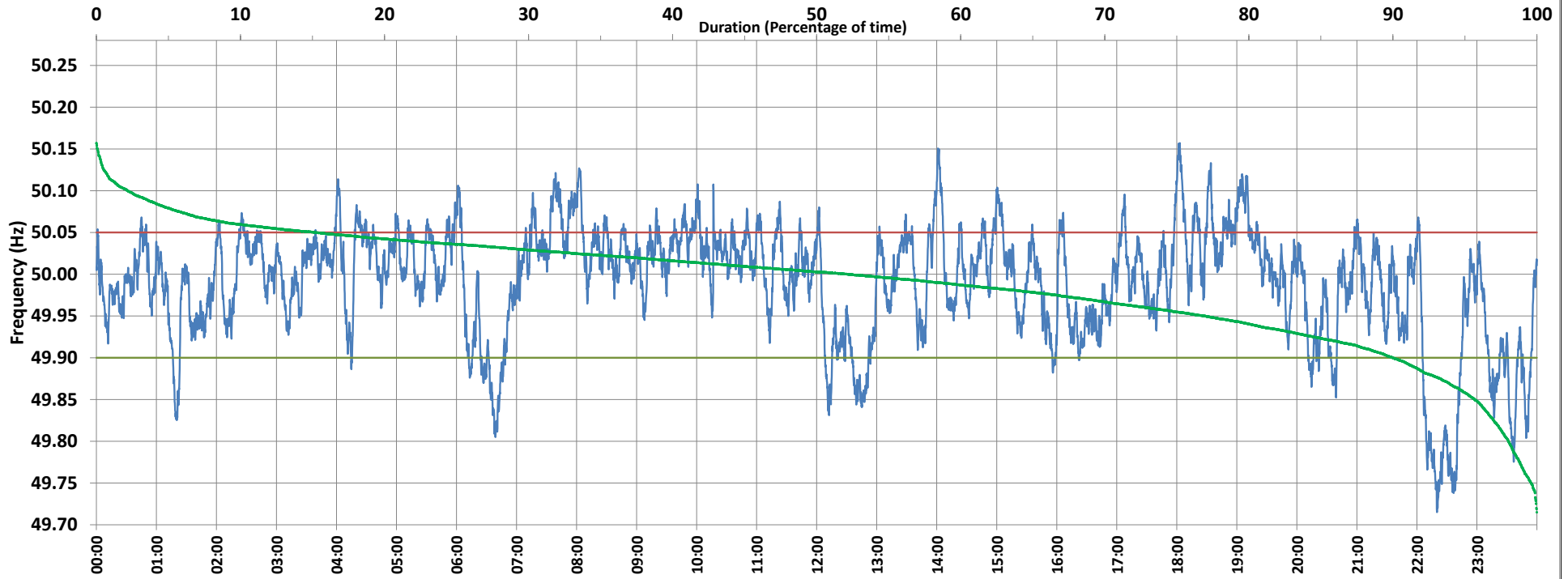


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Jun-2019 (Saturday)



<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	10.00	31.23	1.97	8.03	37.73	50.08	2.19	74.77	100.00	39.43	13.15	52.19	29.34	15.23	0.00	23.02	61.75	13.02

Average Frequency : 49.990	Frequency Variation Index : 0.0473	Standard Deviation : 0.0680	Mileage: 45.1	FDI: 25.2
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Instantaneous Frequency		
Max	50.157	18:03:00
Min	49.715	22:20:00

15 minute Average Frequency		
Max	50.087	19:15:00
Min	49.770	22:30:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	99
above 50.00 Hz	160
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:04:33
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	6:03:20
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Source : SLPR4:Frequency 10 Sec. (8640 samples)