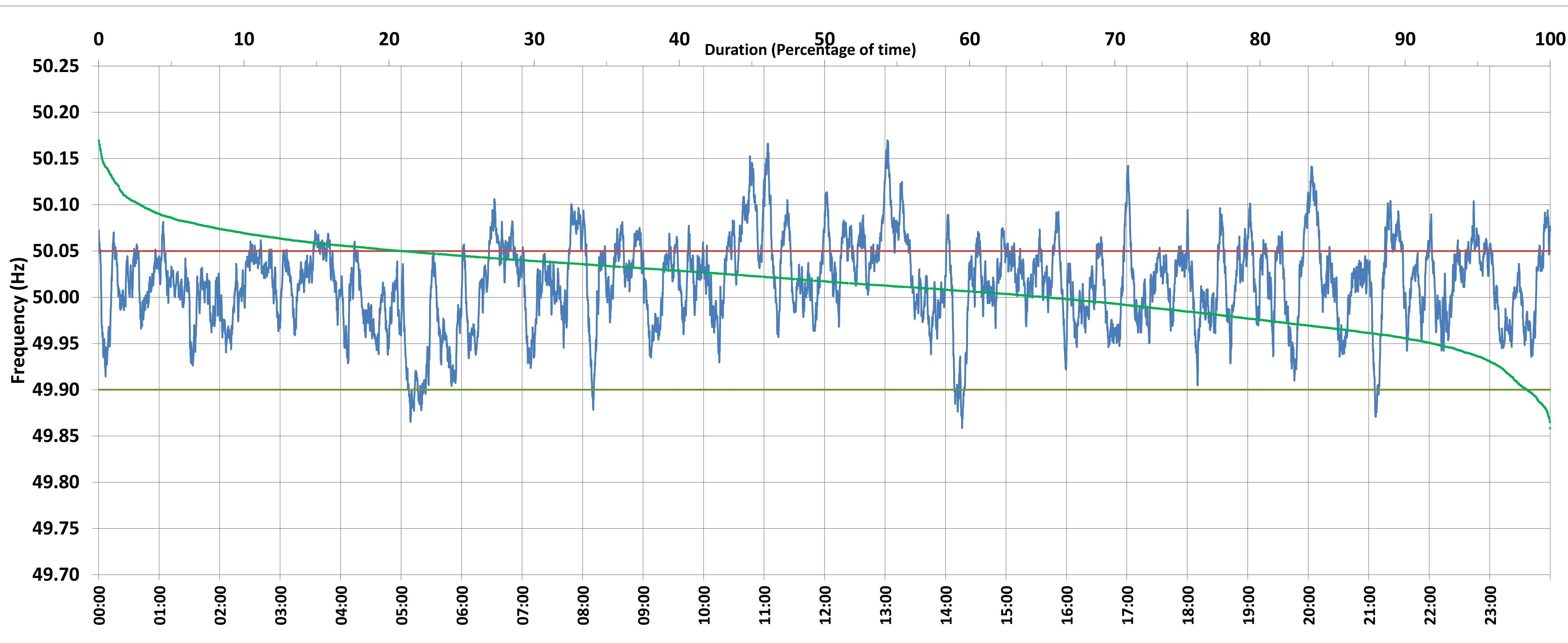


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jun-2020 (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	1.61	16.85	0.00	1.61	32.99	62.50	2.91	77.48	100.00	44.31	18.09	65.35	38.84	20.91	0.00	8.04	71.04	6.44

Average Frequency : 50.015	Frequency Variation Index : 0.0237	Standard Deviation : 0.0464	Mileage: 43.0	FDI: 22.5
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Instantaneous Frequency		
Max	50.170	13:02:30
Min	49.859	14:16:30

15 minute Average Frequency		
Max	50.101	13:15:00
Min	49.916	5:30:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	108
above 50.00 Hz	155
below 50.00 Hz	155

Average time freq per excursion remains	
below 49.97	0:02:15
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	5:24:20
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Source : SLPR4:Frequency 10 Sec. (8640 samples)