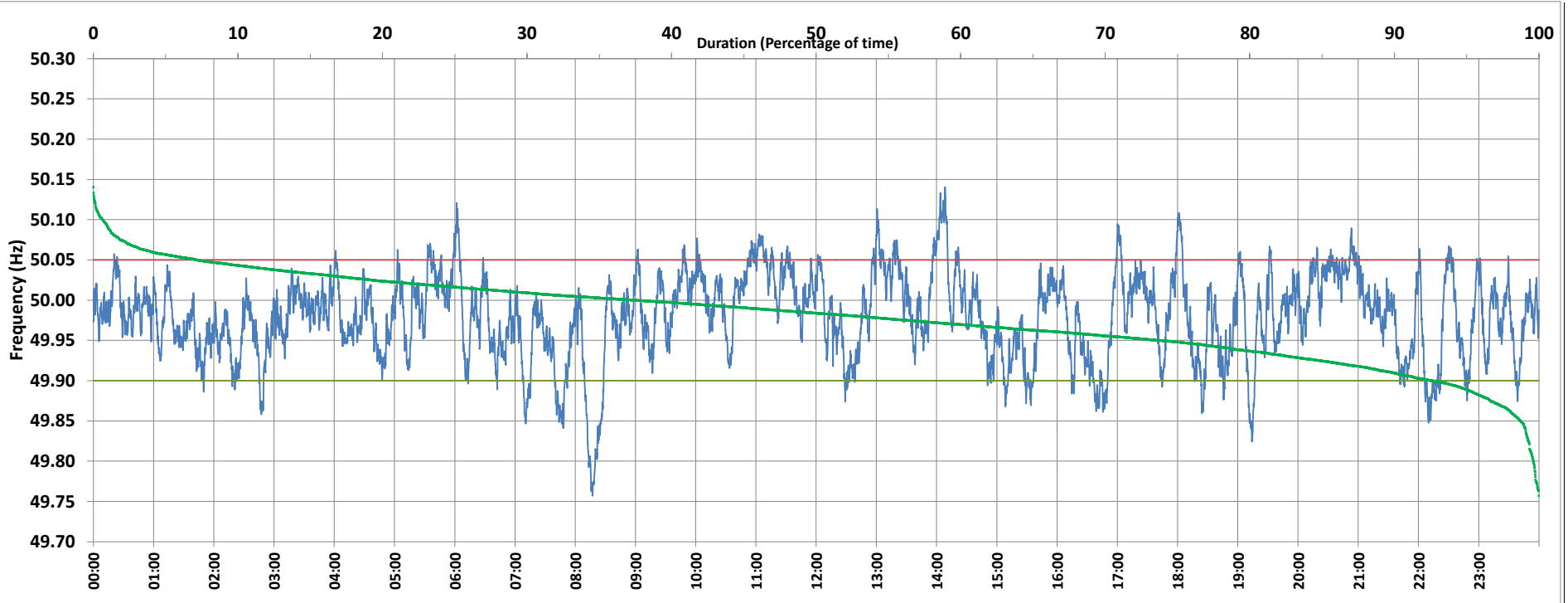


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Aug-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	7.36	40.08	0.38	6.98	55.10	36.90	0.64	85.50	100.00	43.25	6.55	37.47	16.67	7.14	0.00	26.15	66.71	18.78

Average Frequency : 49.980	Frequency Variation Index : 0.0319	Standard Deviation : 0.0527	Mileage: 47.5	FDI: 14.5
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Instantaneous Frequency		
Max	50.140	14:08:20
Min	49.757	8:17:10

15 minute Average Frequency		
Max	50.074	14:15:00
Min	49.830	8:30:00

No. of excursions	
above 50.03 Hz	126
below 49.97 Hz	161
above 50.00 Hz	199
below 50.00 Hz	198

Average time freq per excursion remains	
below 49.97	0:03:35
above 50.03	0:01:54

No. of hours freq outside 49.9-50.05 Hz	3:28:50
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Source : SLPR4:Frequency 10 Sec. (8640 samples)