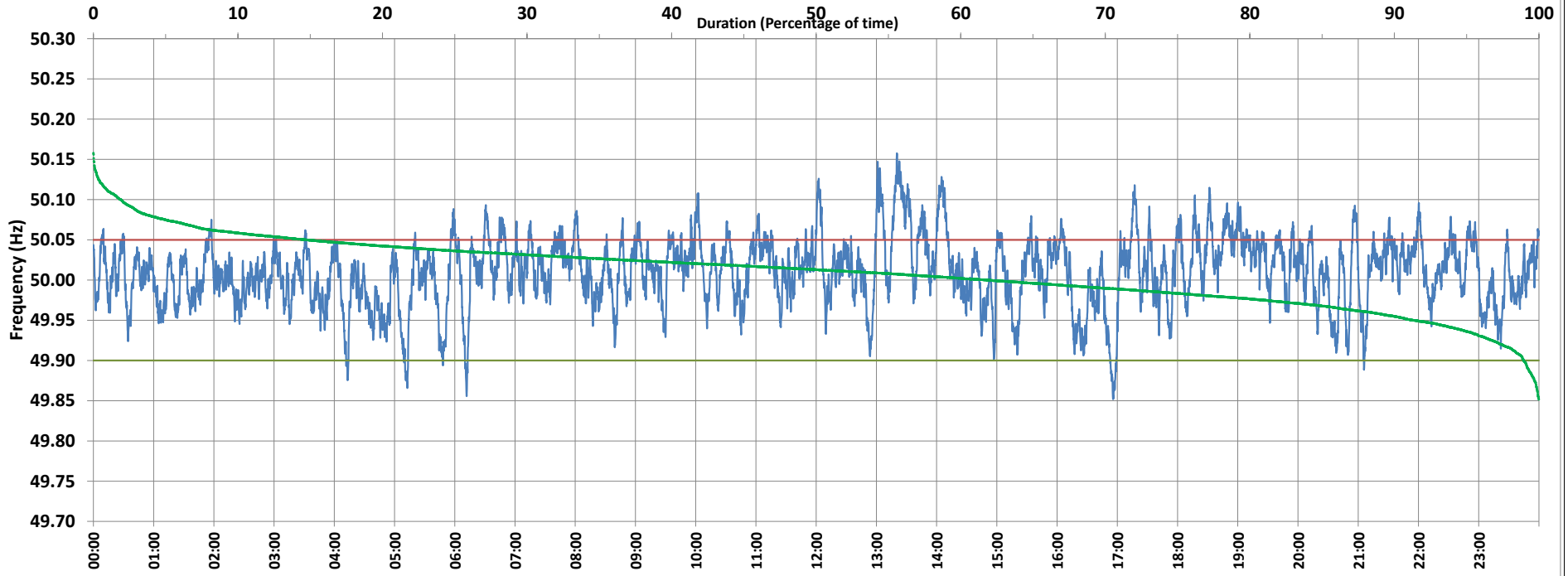


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 21-Oct-2020 (Wednesday)



<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	1.05	16.12	0.00	1.05	37.05	59.98	1.92	84.25	100.00	52.44	12.88	61.82	31.44	14.70	0.00	8.63	76.67	7.58

Average Frequency : 50.010	Frequency Variation Index : 0.0187	Standard Deviation : 0.0422	Mileage: 49.8	FDI: 15.8
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Instantaneous Frequency		
Max	50.158	13:20:20
Min	49.852	16:55:40

15 minute Average Frequency		
Max	50.104	13:30:00
Min	49.919	17:00:00

No. of excursions	
above 50.03 Hz	247
below 49.97 Hz	129
above 50.00 Hz	210
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:01:48
above 50.03	0:01:50

No. of hours freq outside 49.9-50.05 Hz	3:46:50
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Source : SLPR4:Frequency 10 Sec. (8640 samples)