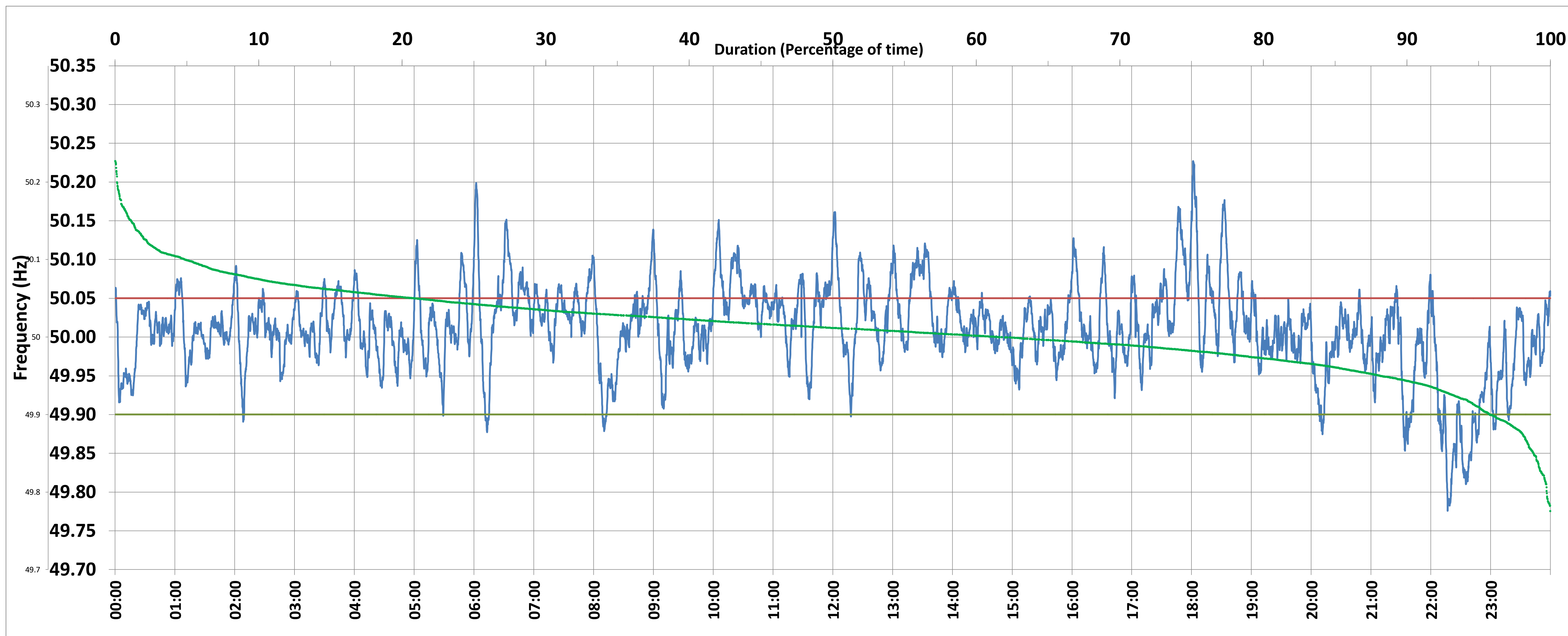


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 15-Apr-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	4.21	18.62	0.25	3.96	33.78	57.12	4.76	74.88	99.87	47.75	16.09	61.76	33.62	20.90	0.13	11.78	67.31	7.57

Average Frequency : 50.010	Frequency Variation Index : 0.0327	Standard Deviation : 0.0563	Mileage: 36.3	FDI: 25.1
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Instantaneous Frequency		
Max	50.227	18:01:30
Min	49.776	22:16:50

15 minute Average Frequency		
Max	50.111	18:00:00
Min	49.844	22:30:00

No. of excursions	
above 50.03 Hz	139
below 49.97 Hz	79
above 50.00 Hz	162
below 50.00 Hz	159

Average time freq per excursion remains	
below 49.97	0:03:24
above 50.03	0:03:29

No. of hours freq outside 49.9-50.05 Hz	6:01:40
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Source : SLPR4:Frequency 10 Sec. (8640 samples)