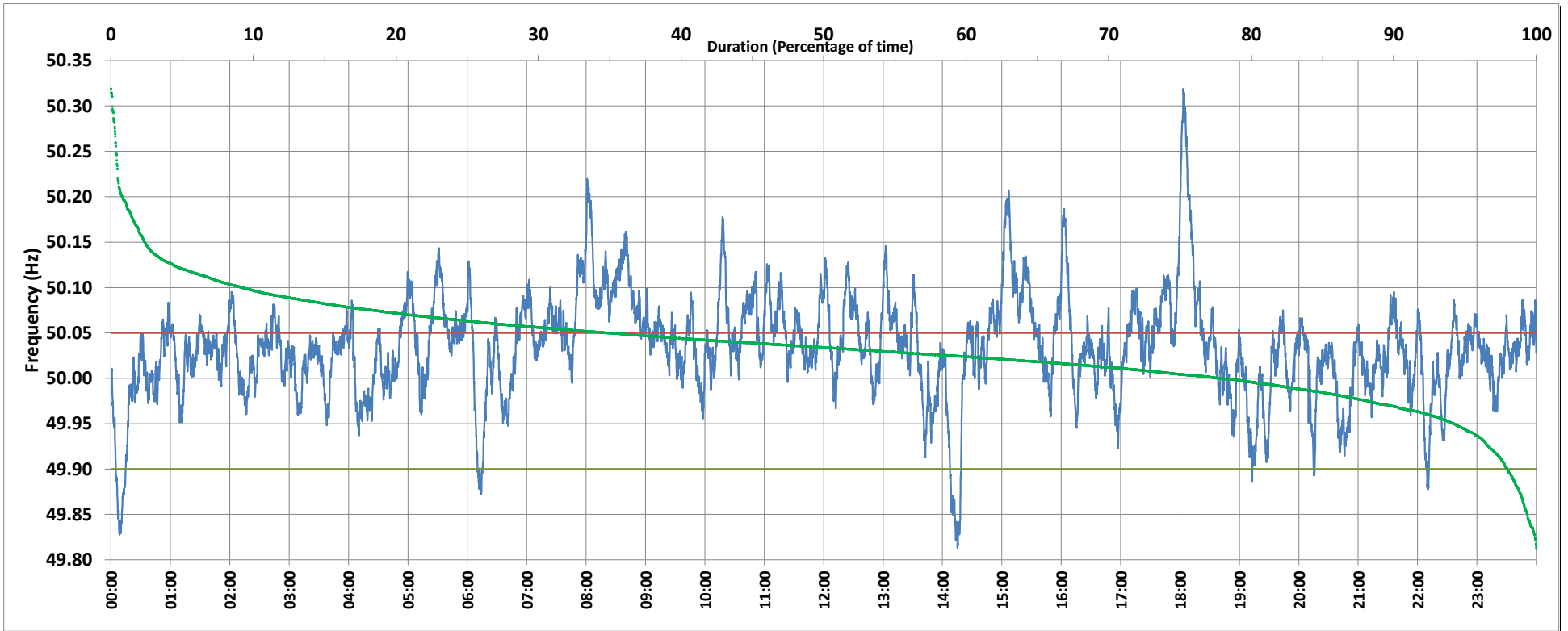


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Jul-2019 (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	2.04	10.27	0.00	2.04	20.09	68.67	8.40	63.08	99.20	35.79	25.82	77.79	53.95	34.88	0.80	5.75	59.36	3.72

Average Frequency : 50.034	Frequency Variation Index : 0.0431	Standard Deviation : 0.0565	Mileage: 43.6	FDI: 36.9
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Instantaneous Frequency		
Max	50.319	18:03:20
Min	49.813	14:15:10

15 minute Average Frequency		
Max	50.216	18:15:00
Min	49.895	0:15:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	69
above 50.00 Hz	128
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:02:09
above 50.03	0:03:47

No. of hours freq outside 49.9-50.05 Hz	8:51:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)