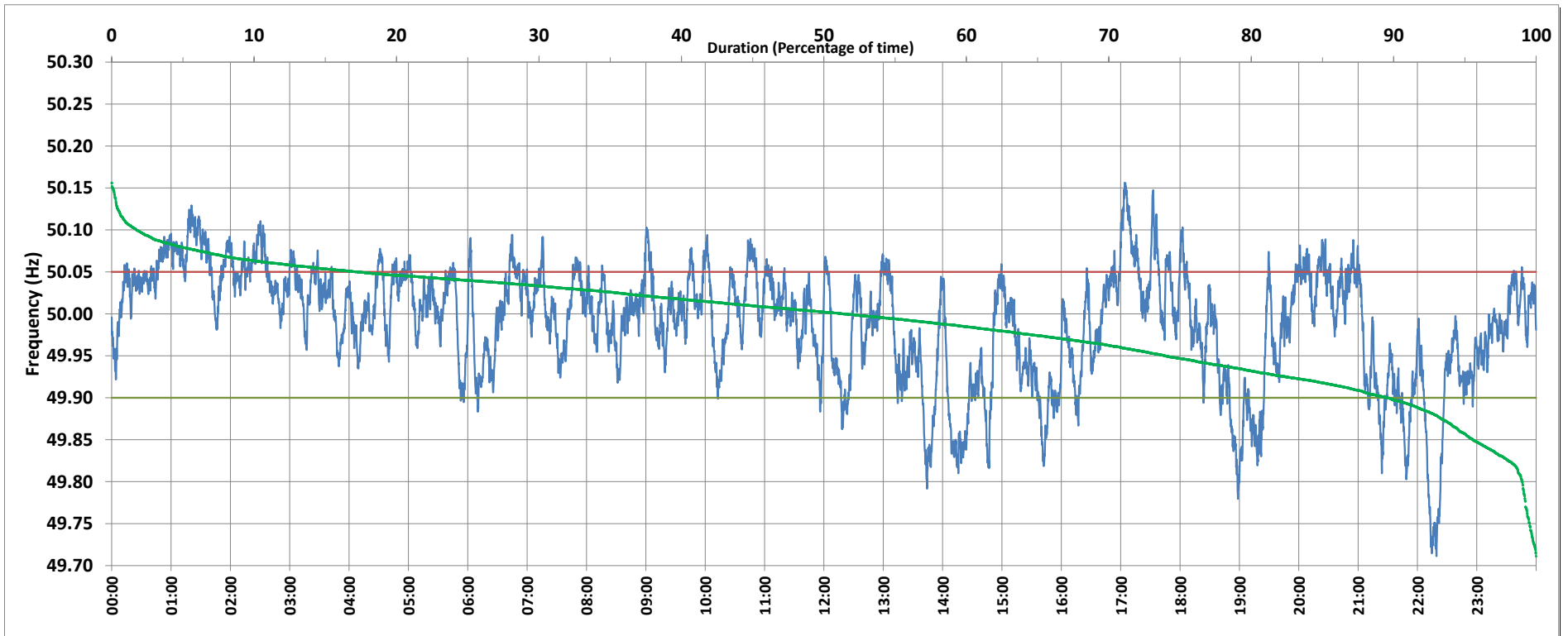


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Apr-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	10.45	33.06	0.97	9.48	38.08	49.71	1.76	72.28	100.00	34.76	15.59	51.38	32.19	17.27	0.00	26.02	56.71	15.57

Average Frequency : 49.990	Frequency Variation Index : 0.0478	Standard Deviation : 0.0683	Mileage: 46.3	FDI: 27.7
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Instantaneous Frequency		
Max	50.156	17:04:00
Min	49.711	22:19:10

15 minute Average Frequency		
Max	50.108	17:15:00
Min	49.809	22:30:00

No. of excursions	
above 50.03 Hz	149
below 49.97 Hz	101
above 50.00 Hz	155
below 50.00 Hz	155

Average time freq per excursion remains	
below 49.97	0:04:43
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	6:39:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)