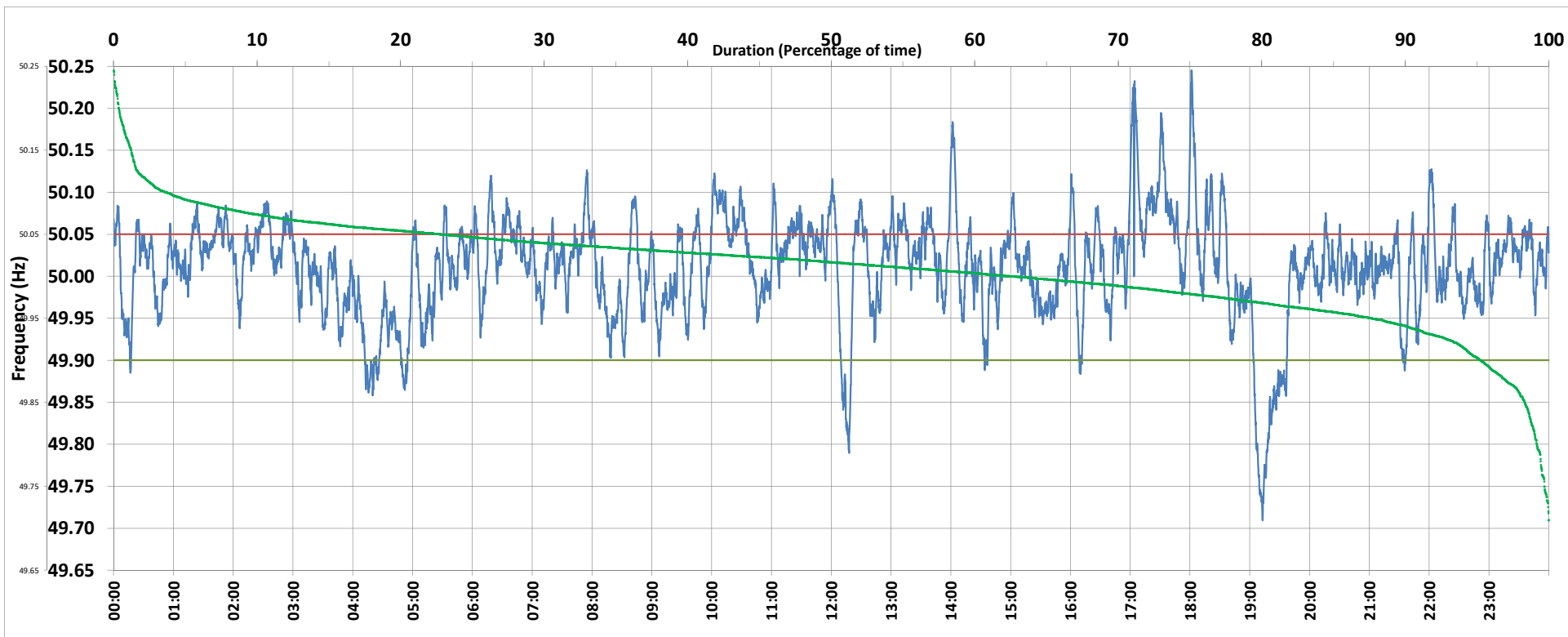


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Apr-2020 (Thursday)



<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	4.76	20.65	0.84	3.91	32.43	59.13	3.32	72.37	99.64	40.88	19.24	62.67	38.47	22.87	0.36	12.31	64.81	7.56

Average Frequency : 50.010	Frequency Variation Index : 0.0376	Standard Deviation : 0.0605	Mileage: 40.4	FDI: 27.6
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Instantaneous Frequency		
Max	50.245	18:01:40
Min	49.710	19:13:00

15 minute Average Frequency		
Max	50.123	17:15:00
Min	49.824	19:15:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	89
above 50.00 Hz	139
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:03:20
above 50.03	0:03:23

No. of hours freq outside 49.9-50.05 Hz	6:37:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)