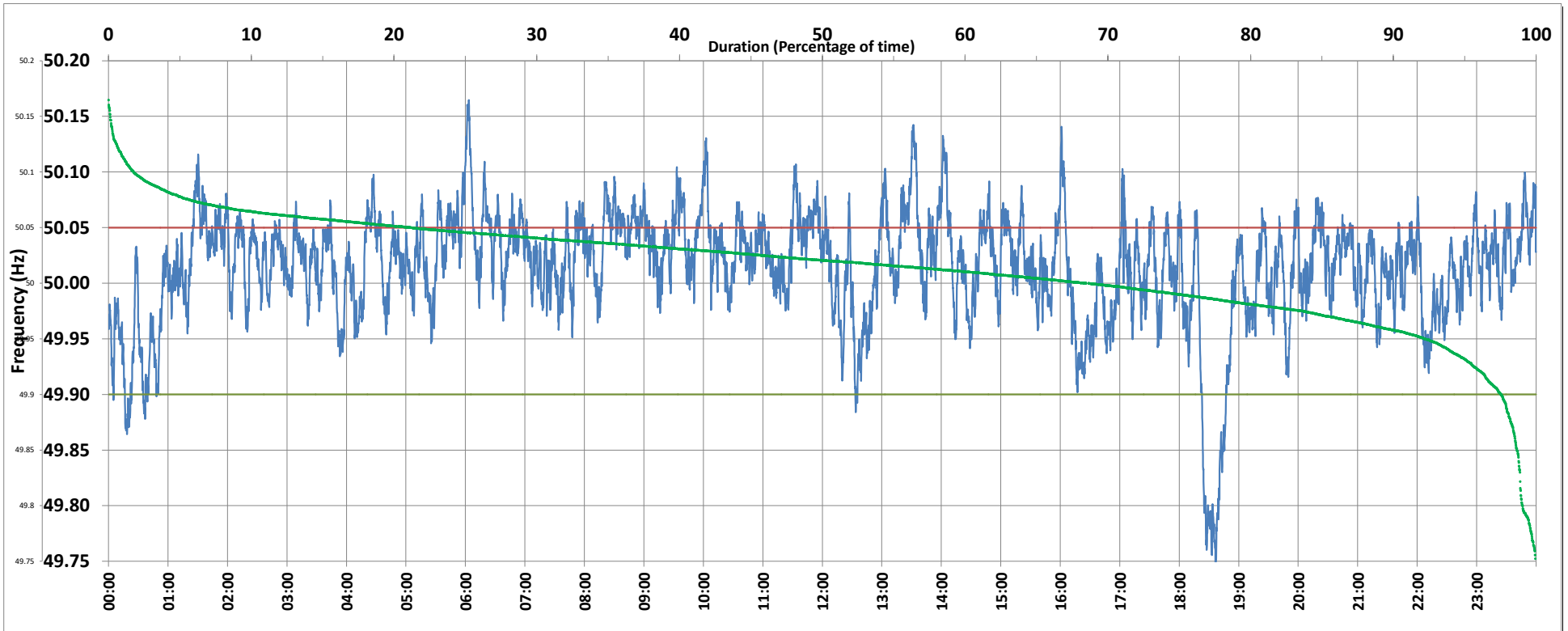


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Oct-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	2.44	14.41	0.95	1.49	28.91	66.90	1.75	76.39	100.00	44.72	19.50	68.44	40.87	21.17	0.00	7.77	71.06	5.32

Average Frequency : 50.014	Frequency Variation Index : 0.0269	Standard Deviation : 0.0499	Mileage: 49.5	FDI: 23.6
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Instantaneous Frequency		
Max	50.165	6:03:20
Min	49.742	18:36:50

15 minute Average Frequency		
Max	50.073	6:15:00
Min	49.801	18:45:00

No. of excursions	
above 50.03 Hz	222
below 49.97 Hz	99
above 50.00 Hz	205
below 50.00 Hz	202

Average time freq per excursion remains	
below 49.97	0:02:06
above 50.03	0:02:39

No. of hours freq outside 49.9-50.05 Hz	5:40:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)