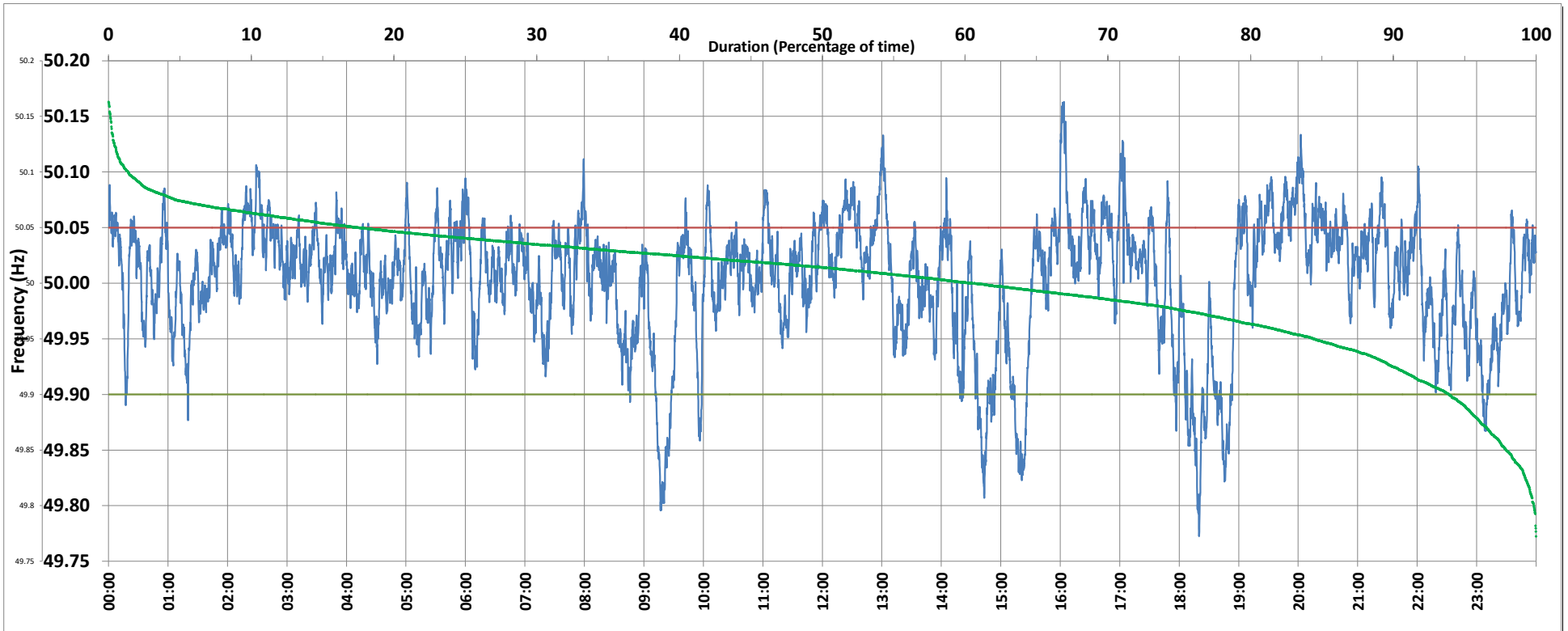


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Oct-2019 (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	6.09	22.44	0.15	5.94	33.29	59.25	1.38	76.44	100.00	43.01	16.16	60.46	34.55	17.48	0.00	15.56	66.97	9.47

Average Frequency : 50.003	Frequency Variation Index : 0.0317	Standard Deviation : 0.0564	Mileage: 48.6	FDI: 23.6
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Instantaneous Frequency	
Max	50.163 16:03:40
Min	49.773 18:20:00

15 minute Average Frequency	
Max	50.080 16:15:00
Min	49.848 9:30:00

No. of excursions	
above 50.03 Hz	222
below 49.97 Hz	97
above 50.00 Hz	169
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:20
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	5:39:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)