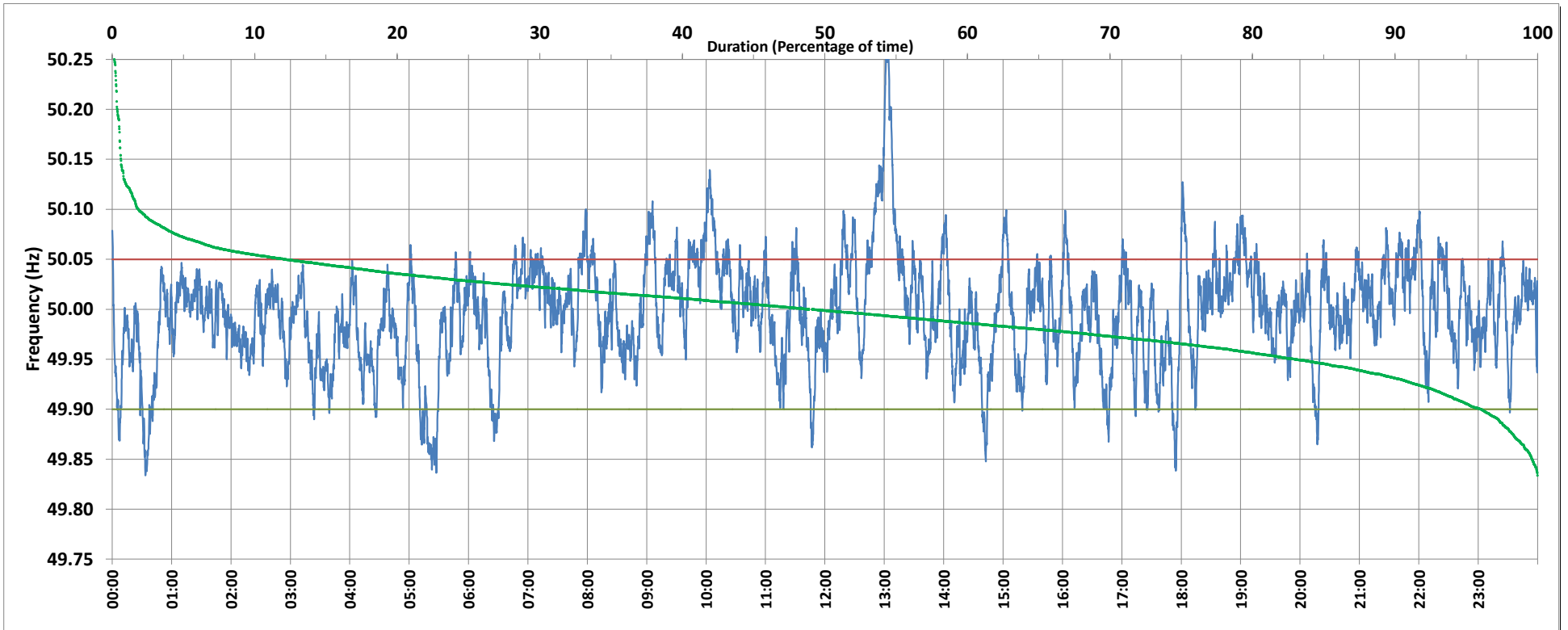


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Oct-2019 (Saturday)



<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	3.94	27.87	0.00	3.94	46.96	47.27	1.48	83.98	99.64	48.31	10.31	48.84	23.82	12.08	0.36	16.94	70.97	13.01

Average Frequency : 49.996	Frequency Variation Index : 0.0273	Standard Deviation : 0.0521	Mileage: 50.3	FDI: 16.0
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Instantaneous Frequency		
Max	50.264	13:02:00
Min	49.834	0:33:30

15 minute Average Frequency		
Max	50.155	13:15:00
Min	49.872	5:30:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	171
above 50.00 Hz	205
below 50.00 Hz	205

Average time freq per excursion remains	
below 49.97	0:02:21
above 50.03	0:01:57

No. of hours freq outside 49.9-50.05 Hz	3:50:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)