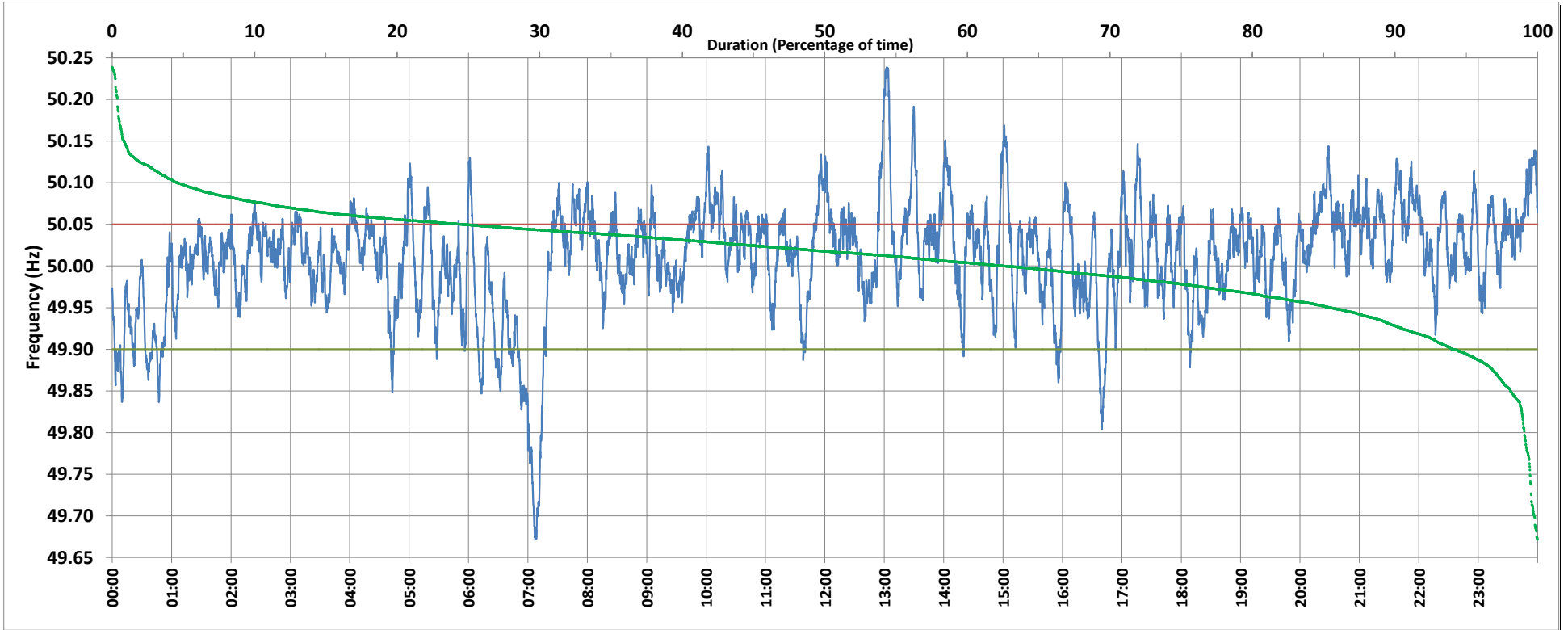


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-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
0.22	5.94	21.28	0.71	5.01	31.38	58.13	4.19	69.43	99.41	37.75	20.15	62.52	40.96	24.63	0.37	14.51	60.86	8.58

Average Frequency : 50.010	Frequency Variation Index : 0.0426	Standard Deviation : 0.0645	Mileage: 51.2	FDI: 30.6
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Instantaneous Frequency		
Max	50.239	13:02:20
Min	49.672	7:07:20

15 minute Average Frequency		
Max	50.098	0:00:00
Min	49.745	7:15:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	110
above 50.00 Hz	176
below 50.00 Hz	179

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:03:16

No. of hours freq outside 49.9-50.05 Hz	7:20:10
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)