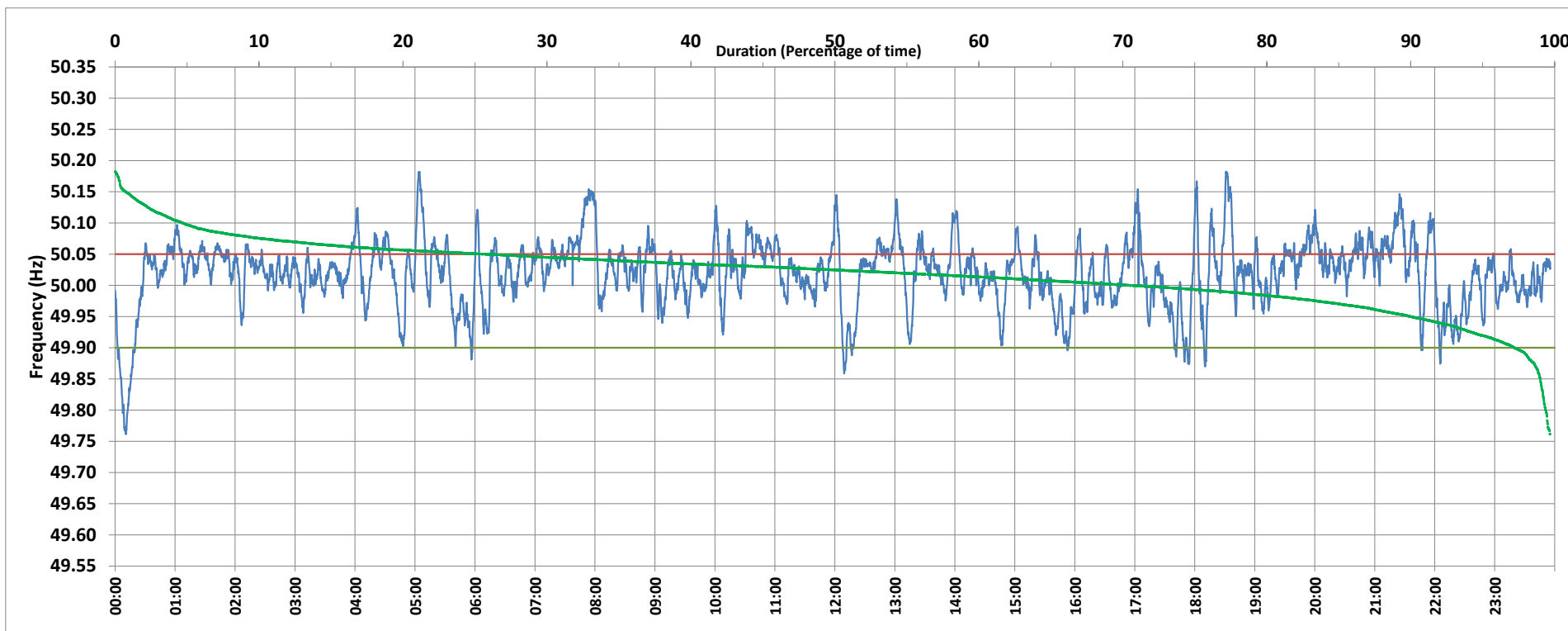


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-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	2.50	14.63	0.30	2.19	26.58	66.18	4.74	71.57	100.00	40.23	21.30	70.73	45.15	25.93	0.00	9.72	64.35	7.22

Average Frequency : 50.019	Frequency Variation Index : 0.0317	Standard Deviation : 0.0529	Mileage: 85.6	FDI: 28.4
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Instantaneous Frequency		
Max	50.182	18:31:30
Min	49.761	0:10:50

15 minute Average Frequency		
Max	50.127	8:00:00
Min	49.843	0:15:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	66
above 50.00 Hz	121
below 50.00 Hz	121

Average time freq per excursion remains	
below 49.97	0:03:11
above 50.03	0:03:51

No. of hours freq outside 49.9-50.05 Hz	6:49:24
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Source : HISSAR:Frequency 10 Sec. (8640 samples)