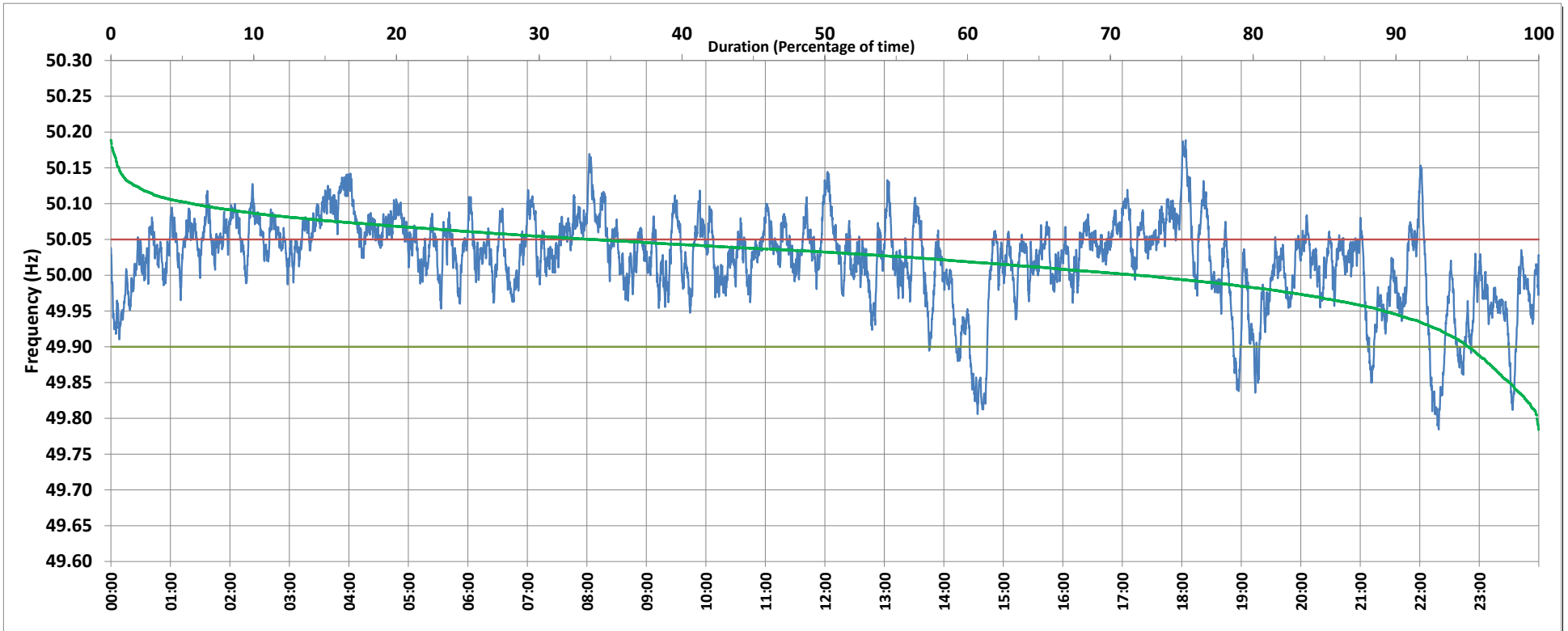


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jun-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	4.92	15.57	0.13	4.79	23.09	66.25	5.74	61.28	100.00	32.30	28.18	71.94	52.13	33.80	0.00	10.83	55.37	5.91

Average Frequency : 50.022	Frequency Variation Index : 0.0414	Standard Deviation : 0.0603	Mileage: 46.1	FDI: 38.7
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Instantaneous Frequency		
Max	50.189	18:03:50
Min	49.784	22:19:00

15 minute Average Frequency		
Max	50.113	4:00:00
Min	49.844	14:45:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	73
above 50.00 Hz	136
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:04:03

No. of hours freq outside 49.9-50.05 Hz	9:17:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)