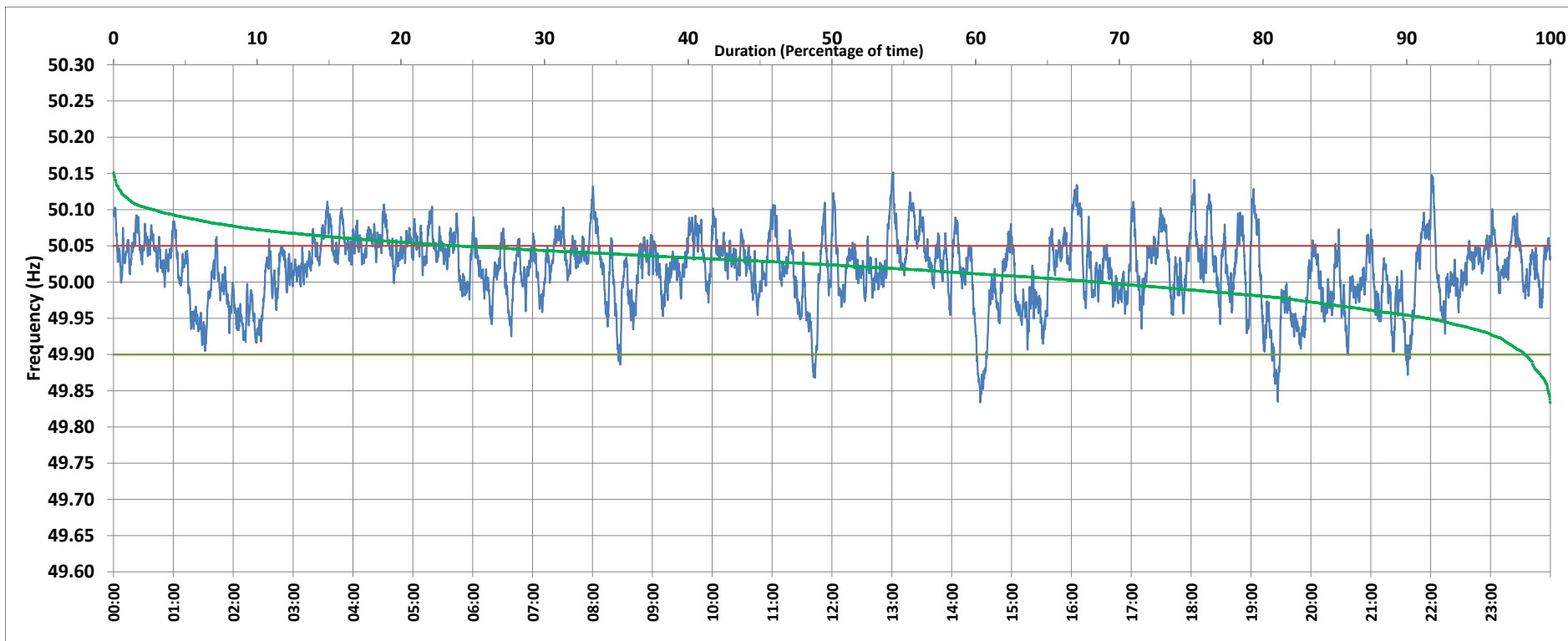


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-May-2019 (Friday)



<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	1.76	15.65	0.00	1.76	29.64	65.78	2.82	74.20	100.00	40.35	21.30	68.52	44.00	24.04	0.00	8.52	67.44	6.76

Average Frequency : 50.018	Frequency Variation Index : 0.0256	Standard Deviation : 0.0474	Mileage: 46.0	FDI: 25.8
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Instantaneous Frequency		
Max	50.152	13:01:20
Min	49.834	14:28:40

15 minute Average Frequency		
Max	50.082	13:30:00
Min	49.908	19:30:00

No. of excursions	
above 50.03 Hz	215
below 49.97 Hz	88
above 50.00 Hz	151
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:02:57

No. of hours freq outside 49.9-50.05 Hz	6:11:30
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)