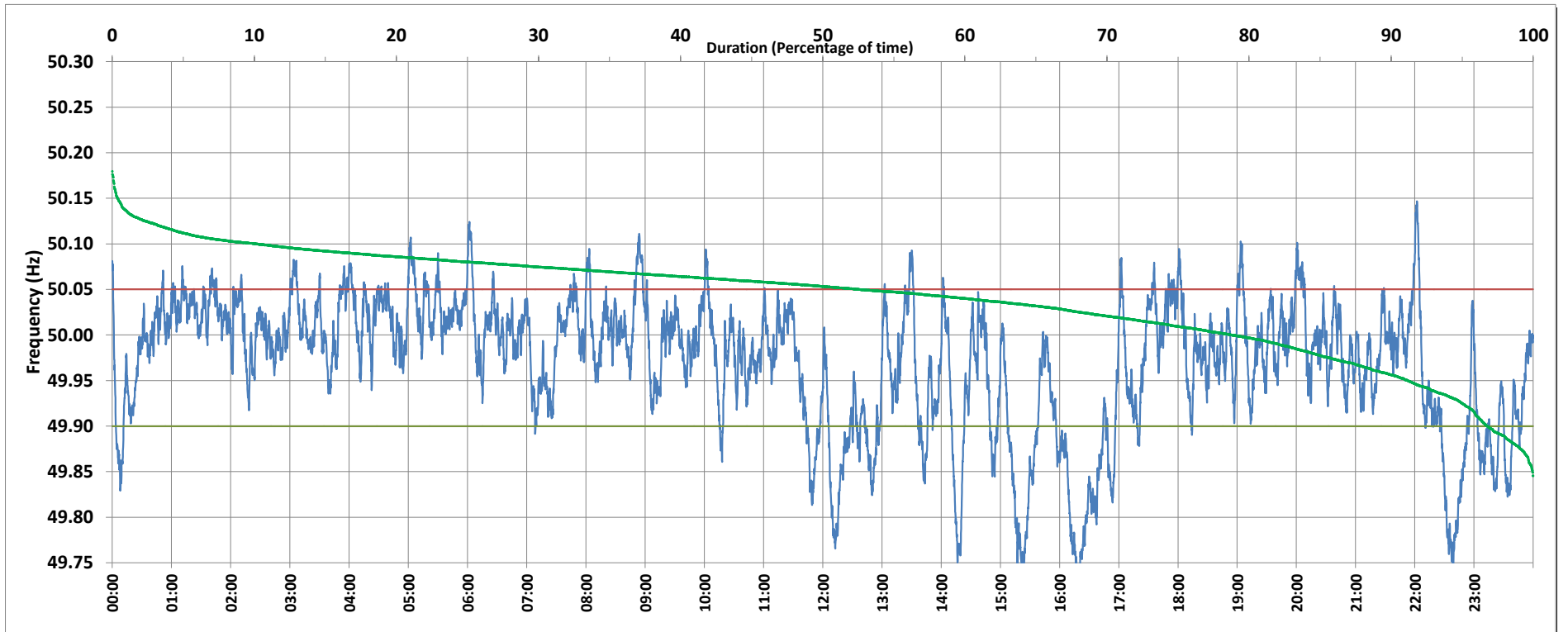


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-May-2019 (Monday)



<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	16.85	40.35	3.70	13.15	43.13	39.38	0.65	75.13	100.00	41.40	7.43	39.91	18.25	8.02	0.00	31.90	60.08	15.05

Average Frequency : 49.969	Frequency Variation Index : 0.0625	Standard Deviation : 0.0728	Mileage: 45.0	FDI: 24.9
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Instantaneous Frequency	
Max	50.147 22:02:10
Min	49.722 16:20:00

15 minute Average Frequency		
Max	50.051	9:00:00
Min	49.770	16:30:00

No. of excursions	
above 50.03 Hz	136
below 49.97 Hz	120
above 50.00 Hz	168
below 50.00 Hz	167

Average time freq per excursion remains	
below 49.97	0:04:51
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	5:58:10
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)