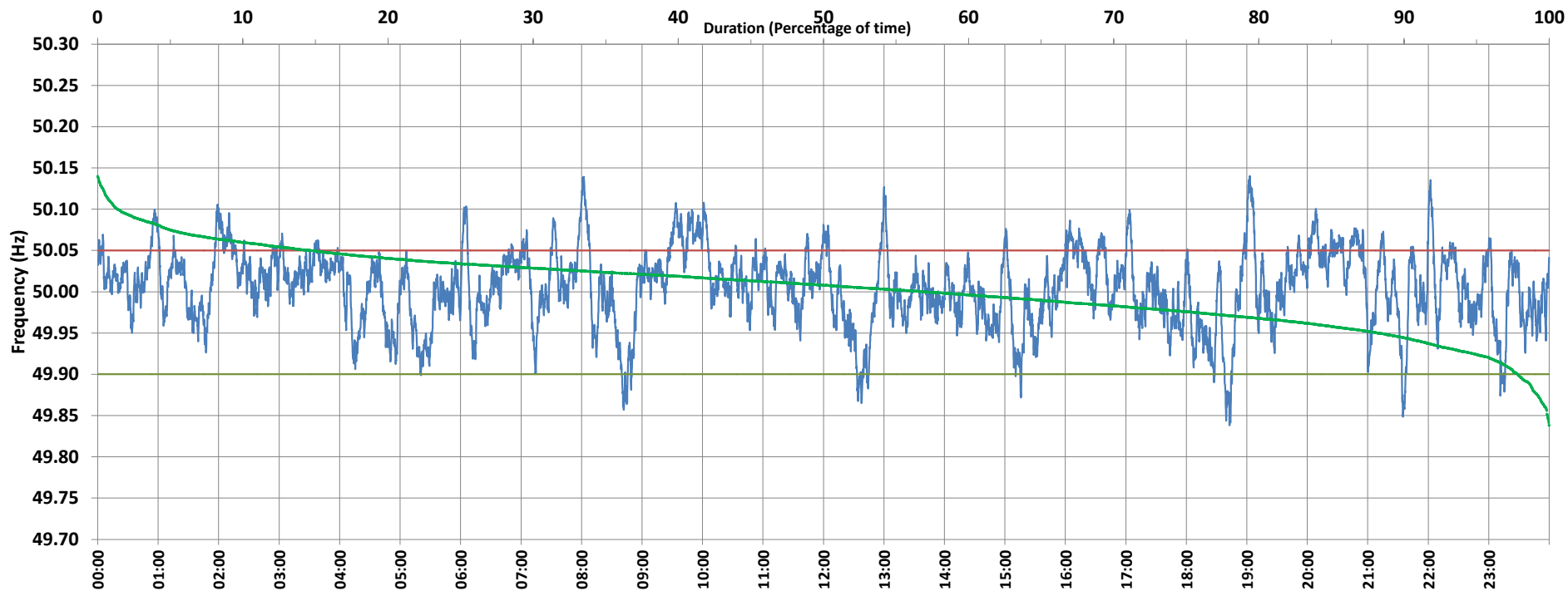


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jul-2020 (Wednesday)



<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	2.15	21.33	0.00	2.15	40.86	55.60	1.39	83.13	100.00	50.01	13.38	56.93	28.66	14.72	0.00	11.79	73.48	9.64

Average Frequency : 50.004	Frequency Variation Index : 0.0214	Standard Deviation : 0.0460	Mileage: 43.4	FDI: 16.9
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Instantaneous Frequency		
Max	50.140	19:03:00
Min	49.838	18:42:40

15 minute Average Frequency		
Max	50.076	10:00:00
Min	49.905	12:45:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	142
above 50.00 Hz	187
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:10
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	4:03:00
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)