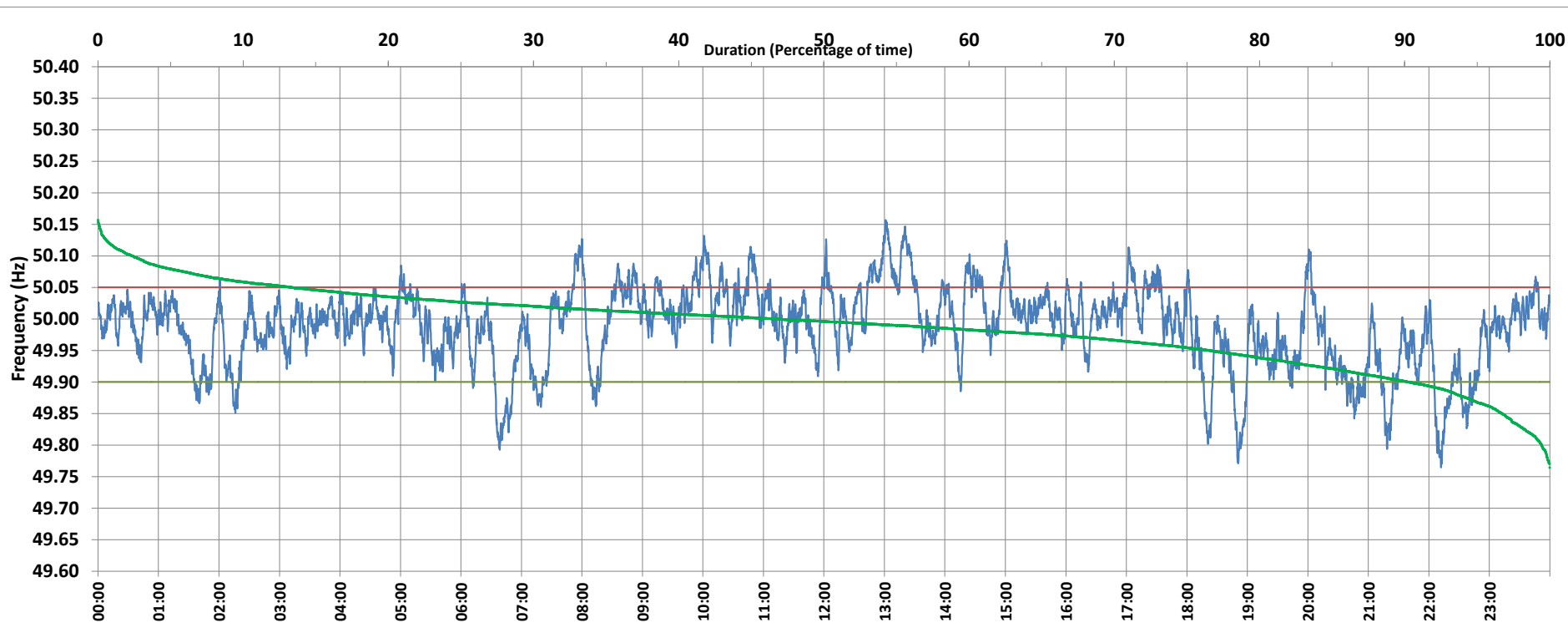


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-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	9.71	31.60	0.57	9.14	43.55	44.35	2.38	76.89	100.00	45.17	11.05	46.66	23.23	13.40	0.00	23.39	63.21	13.68

Average Frequency : 49.987	Frequency Variation Index : 0.0407	Standard Deviation : 0.0625	Mileage: 45.1	FDI: 23.1
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Instantaneous Frequency		
Max	50.157	13:01:10
Min	49.765	22:12:00

15 minute Average Frequency		
Max	50.103	13:30:00
Min	49.838	19:00:00

No. of excursions	
above 50.03 Hz	134
below 49.97 Hz	111
above 50.00 Hz	189
below 50.00 Hz	192

Average time freq per excursion remains	
below 49.97	0:04:06
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:32:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)