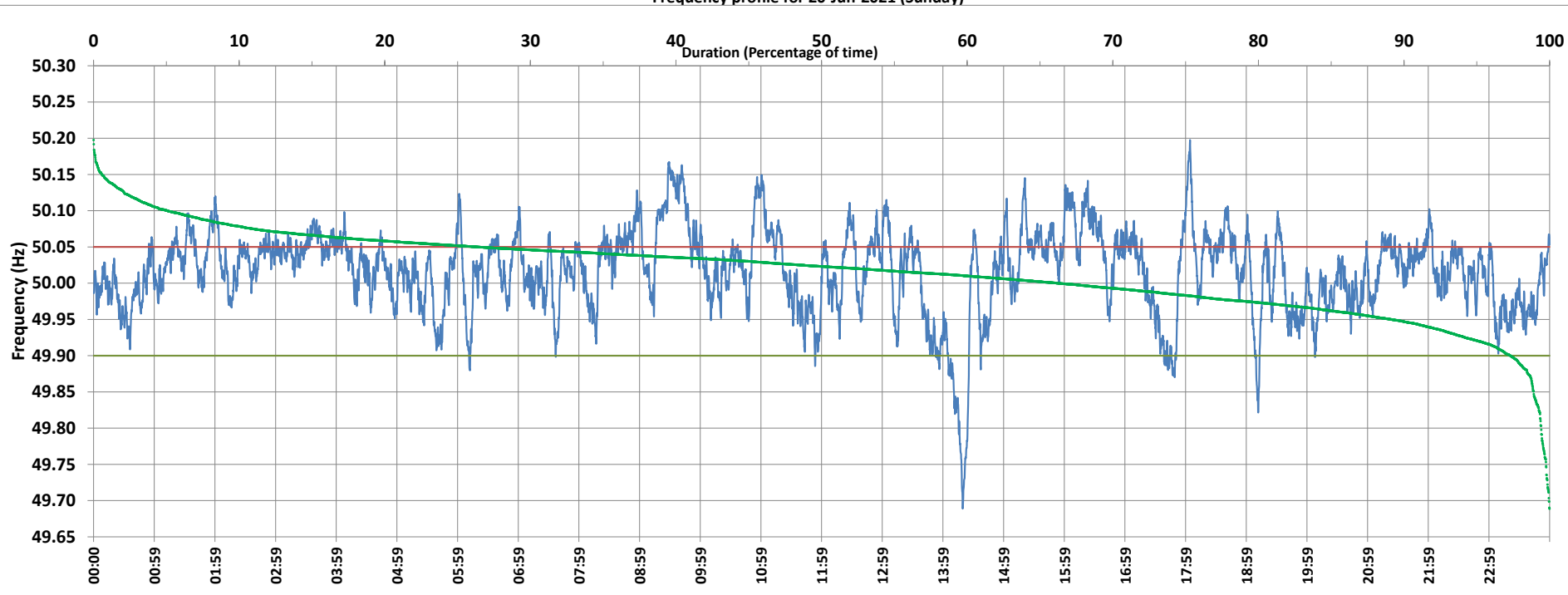


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jun-2021 (Sunday)



<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
0.05	2.70	18.37	0.53	2.12	31.05	61.17	5.08	70.86	99.95	36.44	21.37	66.25	45.20	26.45	0.00	10.83	62.72	8.14

Average Frequency : 50.016	Frequency Variation Index : 0.0351	Standard Deviation : 0.0570	Mileage: 45.9	FDI: 29.1
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Instantaneous Frequency		
Max	50.198	18:03:47
Min	49.689	14:19:04

15 minute Average Frequency		
Max	50.139	9:45:00
Min	49.835	14:30:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	115
above 50.00 Hz	144
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:04:03

No. of hours freq outside 49.9-50.05 Hz	6:59:40
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Source : BARH 10 Sec. (8640 samples)