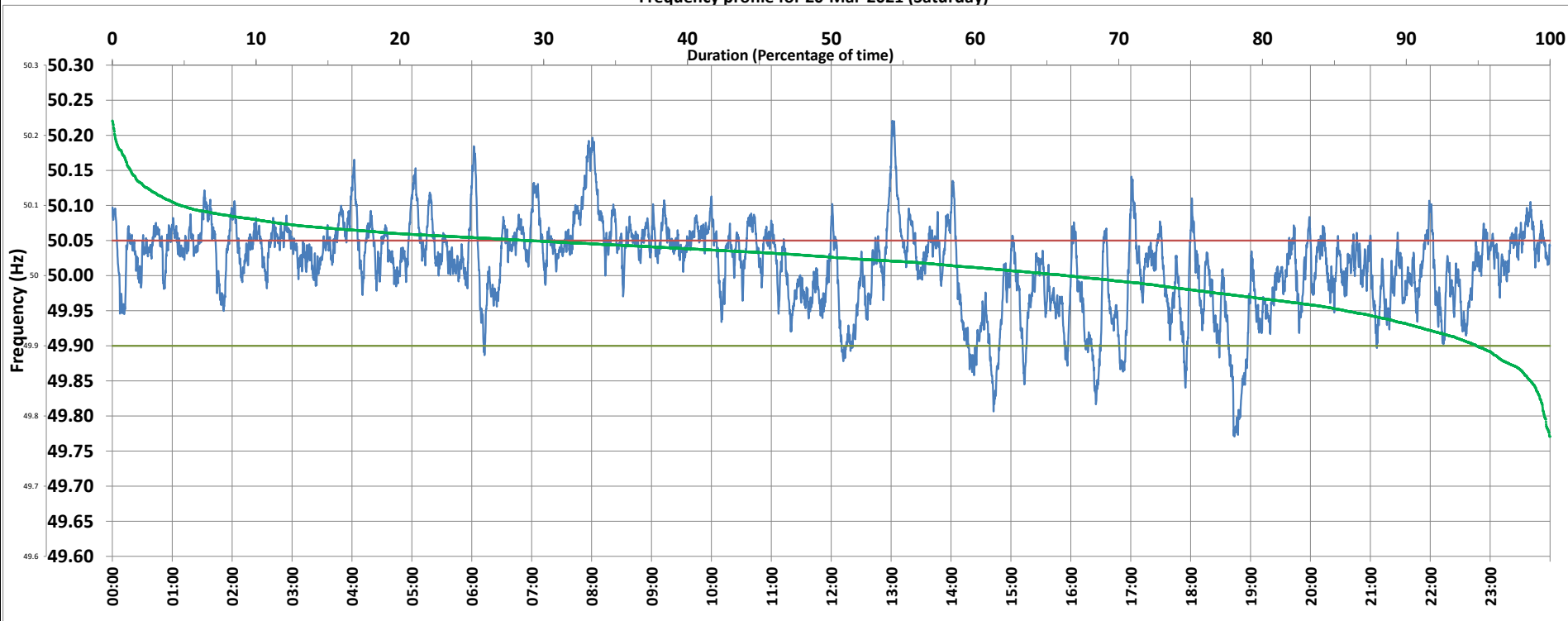


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Mar-2021 (Saturday)



<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	5.10	21.09	0.39	4.71	28.55	61.59	4.57	65.96	99.81	31.37	24.18	66.34	47.55	28.94	0.19	14.25	56.82	9.14

Average Frequency : 50.015	Frequency Variation Index : 0.0408	Standard Deviation : 0.0620	Mileage: 41.6	FDI: 34.0
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Instantaneous Frequency	
Max	50.221 13:01:10
Min	49.771 18:43:50

15 minute Average Frequency	
Max	50.127 8:00:00
Min	49.853 19:00:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	86
above 50.00 Hz	117
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:03:32
above 50.03	0:04:14

No. of hours freq outside 49.9-50.05 Hz	8:10:10
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Source : AGRA 10 Sec. (8640 samples)