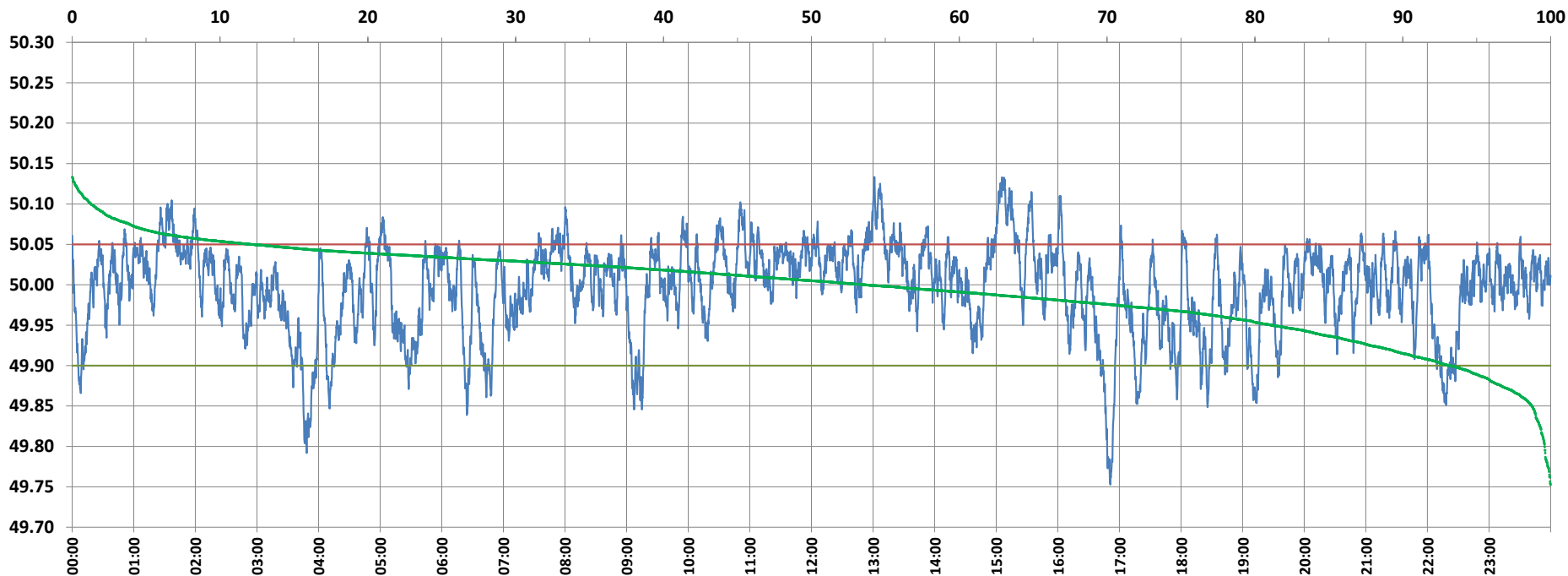


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Sep-2021 (Thursday)



<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	6.81	26.55	0.41	6.40	39.54	52.38	1.27	81.03	100.00	44.22	10.89	53.66	29.22	12.16	0.00	18.84	68.99	12.04

Average Frequency : 49.995	Frequency Variation Index : 0.0310	Standard Deviation : 0.0555	Mileage: 46.1	FDI: 19.0
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Instantaneous Frequency		
Max	50.133	13:01:20
Min	49.753	16:51:10

15 minute Average Frequency		
Max	50.104	15:15:00
Min	49.852	17:00:00

No. of excursions	
above 50.03 Hz	216
below 49.97 Hz	137
above 50.00 Hz	187
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:01:57

No. of hours freq outside 49.9-50.05 Hz	4:33:10
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Source : AGRA 10 Sec. (8640 samples)