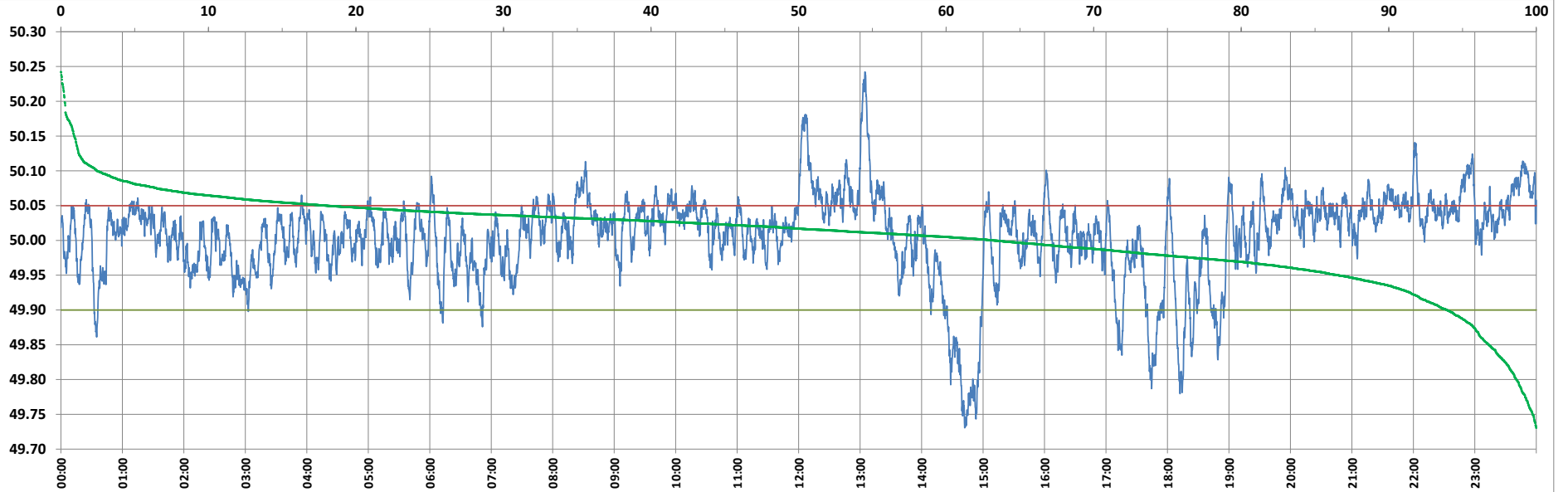


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Sep-2022 (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	6.08	20.46	1.35	4.72	30.71	60.76	2.20	75.93	99.75	42.13	15.54	63.22	37.41	18.00	0.25	13.43	68.58	7.35

Average Frequency : 50.006	Frequency Variation Index : 0.0387	Standard Deviation : 0.0620	Mileage: 43.5	FDI: 24.1
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Instantaneous Frequency		
Max	50.242	13:04:40
Min	49.731	14:42:00

15 minute Average Frequency		
Max	50.138	13:15:00
Min	49.802	14:45:00

No. of excursions	
above 50.03 Hz	217
below 49.97 Hz	108
above 50.00 Hz	145
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:02:44
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	5:46:40
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Source : AGRA 10 Sec. (8640 samples)