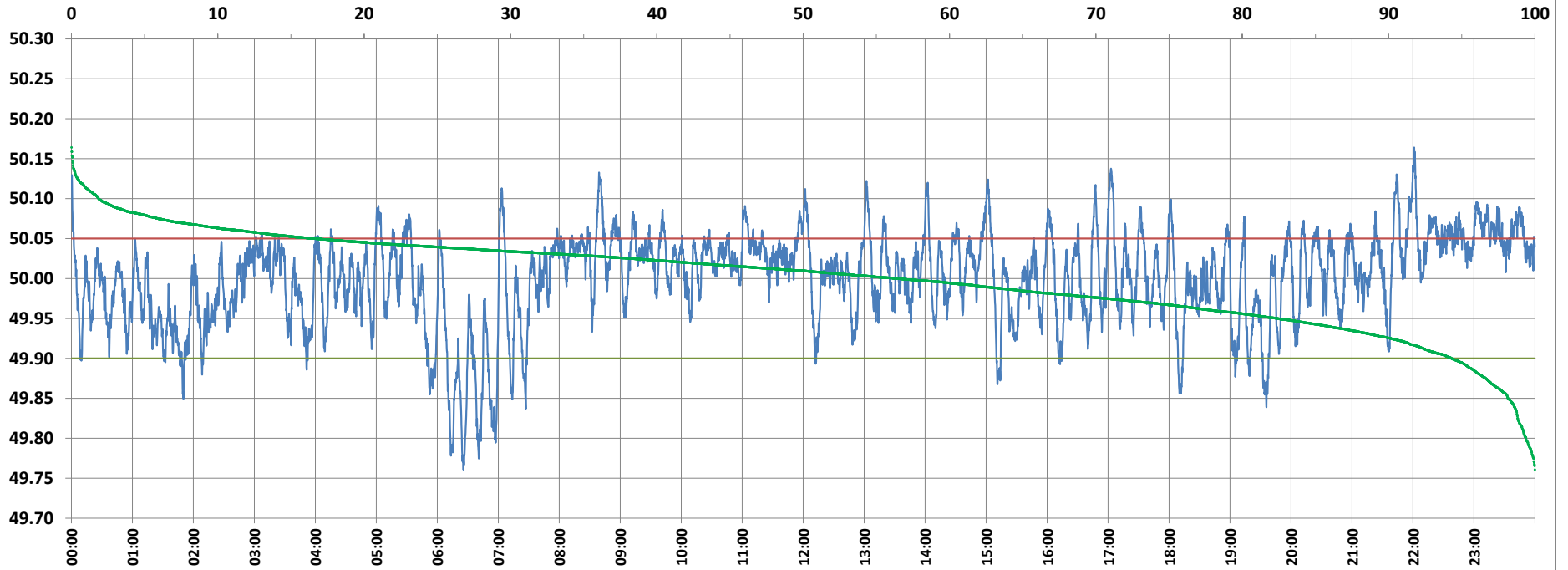


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Dec-2021 (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	5.71	26.53	0.60	5.10	37.94	54.50	1.85	77.72	100.00	39.57	14.73	56.35	33.90	16.57	0.00	17.62	65.81	11.91

Average Frequency : 50.000	Frequency Variation Index : 0.0333	Standard Deviation : 0.0577	Mileage: 46.4	FDI: 22.3
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Instantaneous Frequency		
Max	50.164	22:01:10
Min	49.761	6:25:40

15 minute Average Frequency		
Max	50.076	23:15:00
Min	49.840	6:30:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	135
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:02:50
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	5:20:50
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Source : AGRA 10 Sec. (8640 samples)