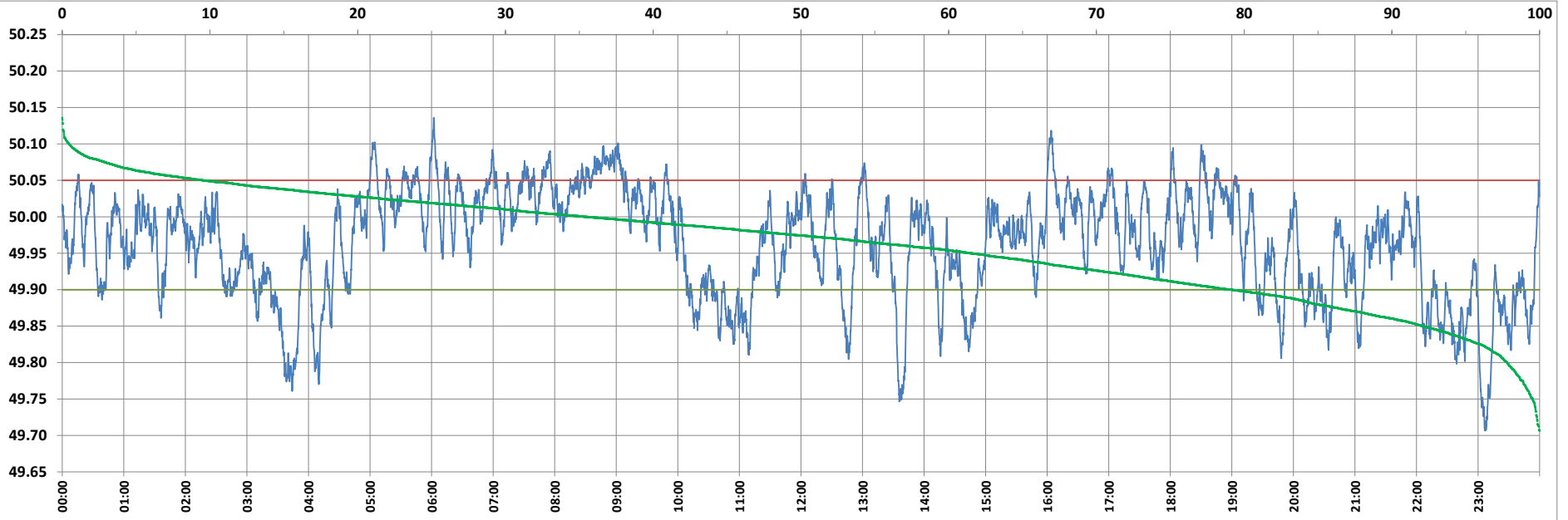


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Jun-2022 (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	20.89	47.52	2.20	18.69	43.65	35.01	0.45	69.58	100.00	33.62	9.07	35.46	18.85	9.53	0.00	38.50	51.98	17.60

Average Frequency : 49.963	Frequency Variation Index : 0.0672	Standard Deviation : 0.0731	Mileage: 42.3	FDI: 30.4
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Instantaneous Frequency		
Max	50.136	6:02:00
Min	49.707	23:07:10

15 minute Average Frequency		
Max	50.079	9:00:00
Min	49.767	23:15:00

No. of excursions	
above 50.03 Hz	100
below 49.97 Hz	113
above 50.00 Hz	127
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:06:03
above 50.03	0:02:43

No. of hours freq outside 49.9-50.05 Hz	7:18:00
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Source : BHADRAWATHI 10 Sec. (8640 samples)