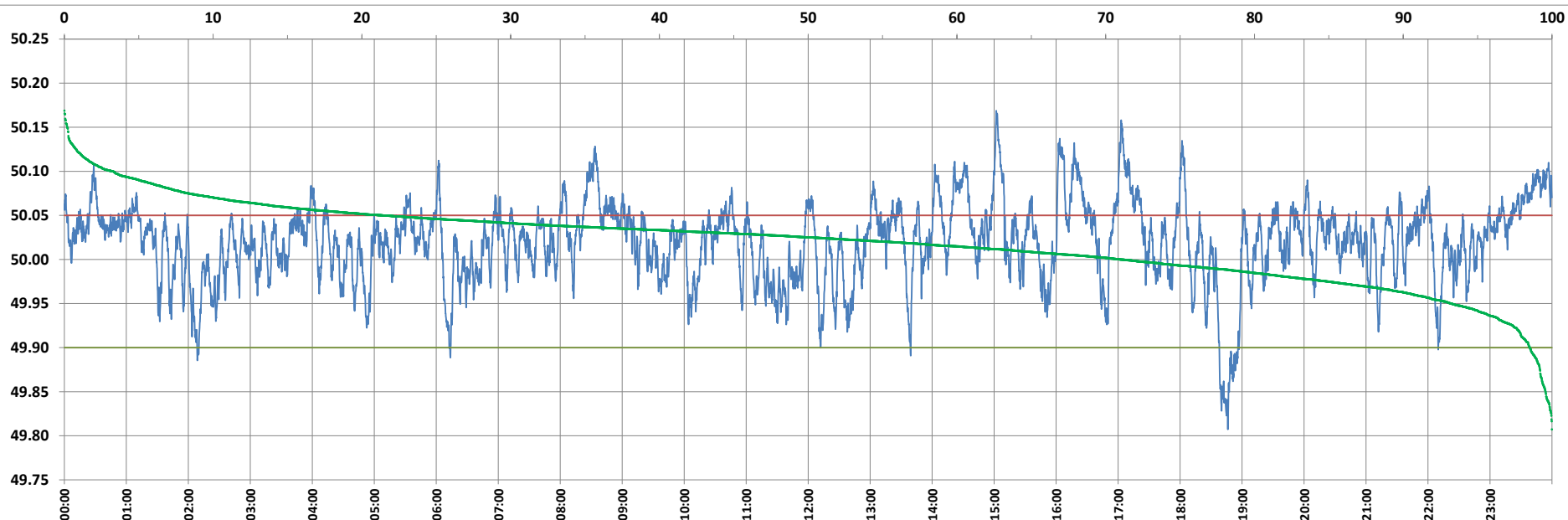


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jun-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	1.49	12.81	0.00	1.49	27.51	67.75	3.24	77.08	100.00	42.93	18.18	70.98	44.26	21.42	0.00	6.79	71.78	5.30

Average Frequency : 50.019	Frequency Variation Index : 0.0241	Standard Deviation : 0.0452	Mileage: 39.7	FDI: 22.9
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Instantaneous Frequency		
Max	50.169	15:02:00
Min	49.807	18:46:10

15 minute Average Frequency			
Max	50.107	17:15:00	
Min	49.892	19:00:00	

No. of excursions	
above 50.03 Hz	228
below 49.97 Hz	96
above 50.00 Hz	143
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:01:55
above 50.03	0:02:48

No. of hours freq outside 49.9-50.05 Hz	5:30:00
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Source : BARH 10 Sec. (8640 samples)