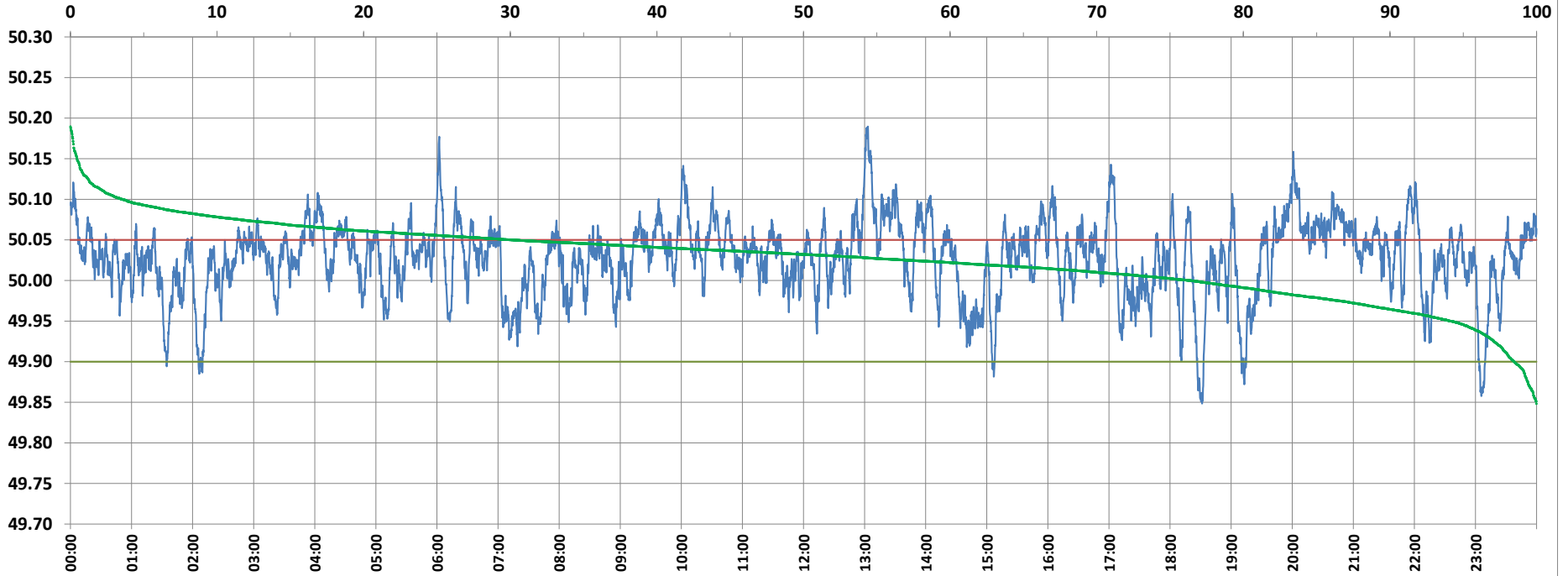


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Aug-2021 (Tuesday)



<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	1.53	11.70	0.00	1.53	22.12	72.81	3.54	68.29	100.00	35.91	26.64	76.35	52.38	30.19	0.00	5.86	63.96	4.33

Average Frequency : 50.026	Frequency Variation Index : 0.0284	Standard Deviation : 0.0463	Mileage: 42.8	FDI: 31.7
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Instantaneous Frequency		
Max	50.190	13:03:10
Min	49.848	18:31:20

15 minute Average Frequency		
Max	50.113	13:15:00
Min	49.924	23:15:00

No. of excursions	
above 50.03 Hz	210
below 49.97 Hz	73
above 50.00 Hz	121
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:03:36

No. of hours freq outside 49.9-50.05 Hz	7:36:40
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Source : BARH 10 Sec. (8640 samples)