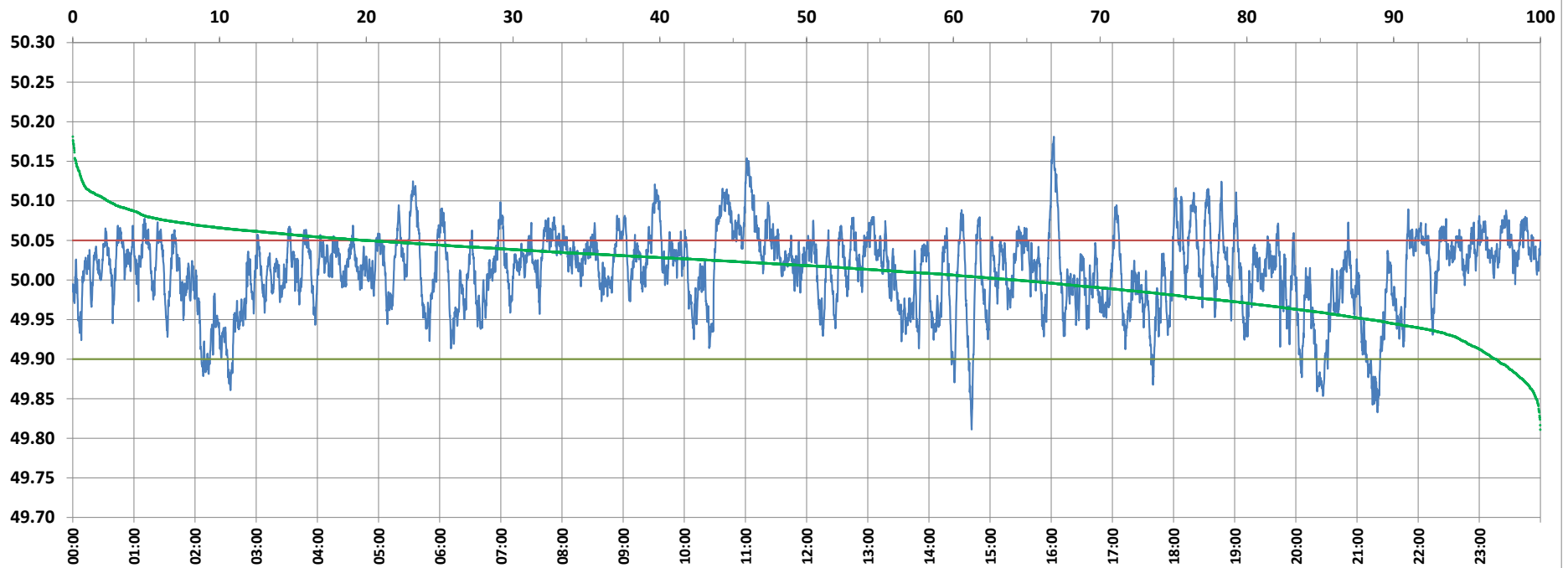


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Aug-2021 (Sunday)



<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	3.03	19.70	0.00	3.03	32.75	61.83	2.38	77.01	100.00	42.06	17.57	64.21	38.24	19.95	0.00	11.63	68.41	8.60

Average Frequency : 50.011	Frequency Variation Index : 0.0258	Standard Deviation : 0.0498	Mileage: 45.3	FDI: 23.0
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Instantaneous Frequency	
Max	50.181 16:02:30
Min	49.811 14:41:50

15 minute Average Frequency	
Max	50.096 11:15:00
Min	49.897 20:30:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	108
above 50.00 Hz	175
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:02:38
above 50.03	0:02:42

No. of hours freq outside 49.9-50.05 Hz	5:31:00
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Source : BARH 10 Sec. (8640 samples)