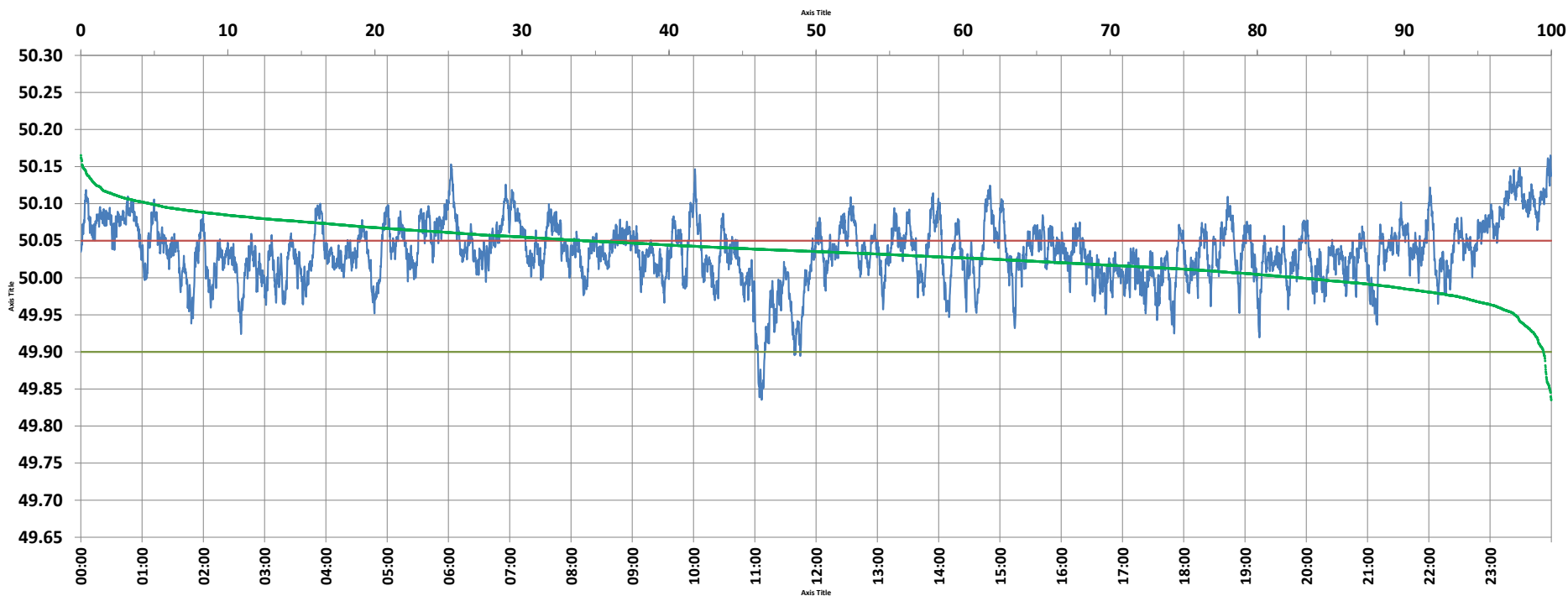


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jul-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	0.53	5.46	0.00	0.53	16.54	78.19	4.73	65.30	100.00	38.16	29.43	82.93	56.38	34.17	0.00	2.48	63.36	1.94

Average Frequency : 50.035	Frequency Variation Index : 0.0287	Standard Deviation : 0.0408	Mileage: 43.7	FDI: 34.7
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Instantaneous Frequency		
Max	50.165	23:59:00
Min	49.835	11:06:40

15 minute Average Frequency		
Max	50.122	23:30:00
Min	49.896	11:15:00

No. of excursions	
above 50.03 Hz	241
below 49.97 Hz	52
above 50.00 Hz	132
below 50.00 Hz	131

Average time freq per excursion remains	
below 49.97	0:01:31
above 50.03	0:03:22

No. of hours freq outside 49.9-50.05 Hz	8:19:40
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Source : AGRA 10 Sec. (8640 samples)