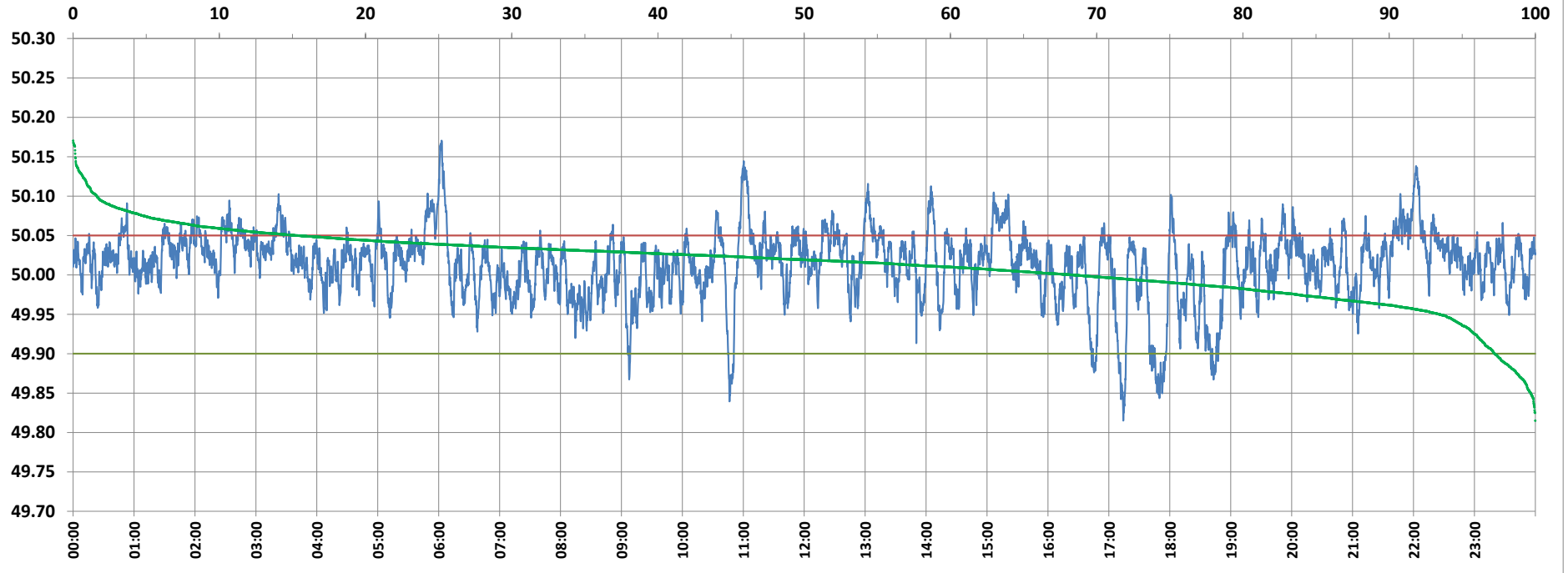


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jul-2021 (Thursday)



<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	2.78	13.94	0.00	2.78	28.83	66.77	1.62	81.86	100.00	49.76	13.74	68.39	36.31	15.36	0.00	6.55	78.09	3.77

Average Frequency : 50.013	Frequency Variation Index : 0.0210	Standard Deviation : 0.0439	Mileage: 47.1	FDI: 18.1
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Instantaneous Frequency		
Max	50.170	6:02:50
Min	49.815	17:14:10

15 minute Average Frequency		
Max	50.076	6:00:00
Min	49.896	18:00:00

No. of excursions	
above 50.03 Hz	310
below 49.97 Hz	122
above 50.00 Hz	191
below 50.00 Hz	190

Average time freq per excursion remains	
below 49.97	0:01:39
above 50.03	0:01:41

No. of hours freq outside 49.9-50.05 Hz	4:21:10
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Source : AGRA 10 Sec. (8640 samples)