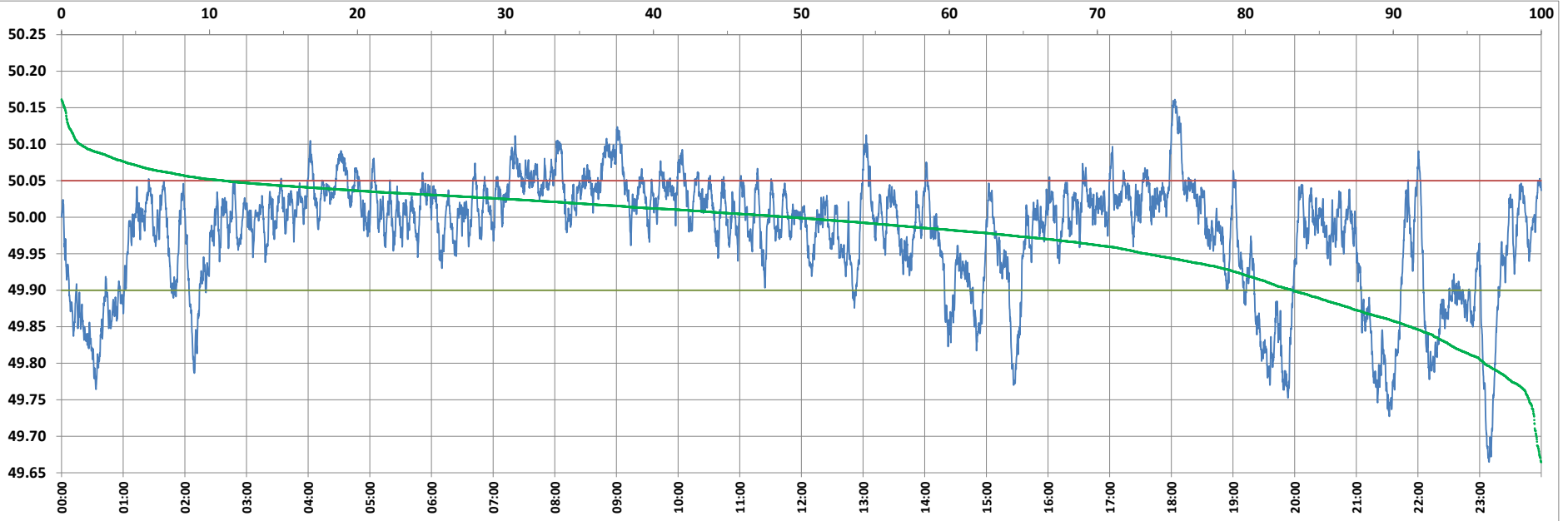


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-May-2022 (Saturday)



<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
0.32	16.81	33.39	3.52	12.96	33.94	48.00	1.26	72.21	99.68	40.97	9.72	49.26	25.64	10.98	0.00	26.74	62.28	9.93

Average Frequency : 49.978	Frequency Variation Index : 0.0658	Standard Deviation : 0.0780	Mileage: 43.7	FDI: 27.8
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Instantaneous Frequency		
Max	50.161	18:03:20
Min	49.665	23:09:10

15 minute Average Frequency			
Max	50.106	18:15:00	
Min	49.754	23:15:00	

No. of excursions	
above 50.03 Hz	179
below 49.97 Hz	102
above 50.00 Hz	157
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:04:43
above 50.03	0:02:04

No. of hours freq outside 49.9-50.05 Hz	6:40:10
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Source : BALIPARA 10 Sec. (8640 samples)