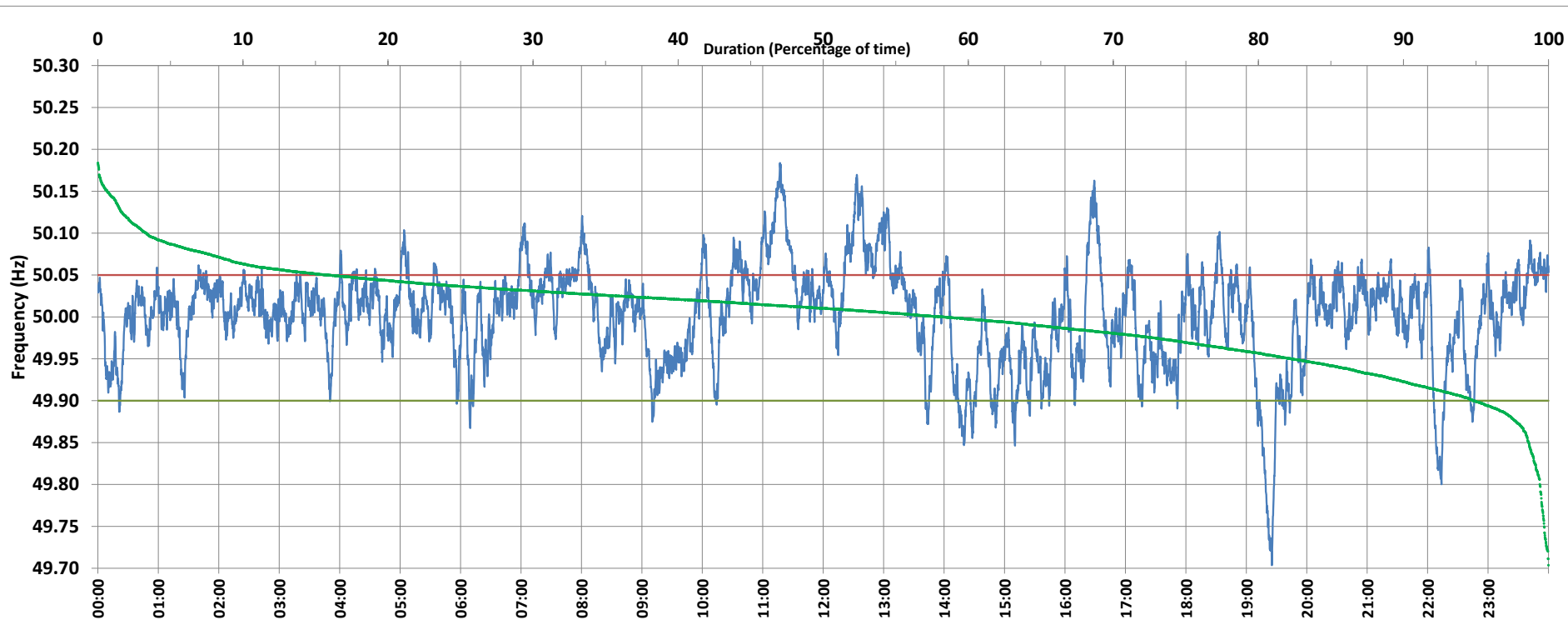


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jul-2020 (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	5.14	25.15	0.59	4.55	36.52	55.02	3.32	79.07	100.00	44.03	12.56	58.25	30.82	15.79	0.00	17.72	66.49	12.58

Average Frequency : 50.002	Frequency Variation Index : 0.0346	Standard Deviation : 0.0588	Mileage: 44.9	FDI: 20.9
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Instantaneous Frequency		
Max	50.184	11:17:00
Min	49.704	19:25:20

15 minute Average Frequency		
Max	50.121	11:30:00
Min	49.793	19:30:00

No. of excursions	
above 50.03 Hz	213
below 49.97 Hz	88
above 50.00 Hz	166
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:04:07
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	5:01:20
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)