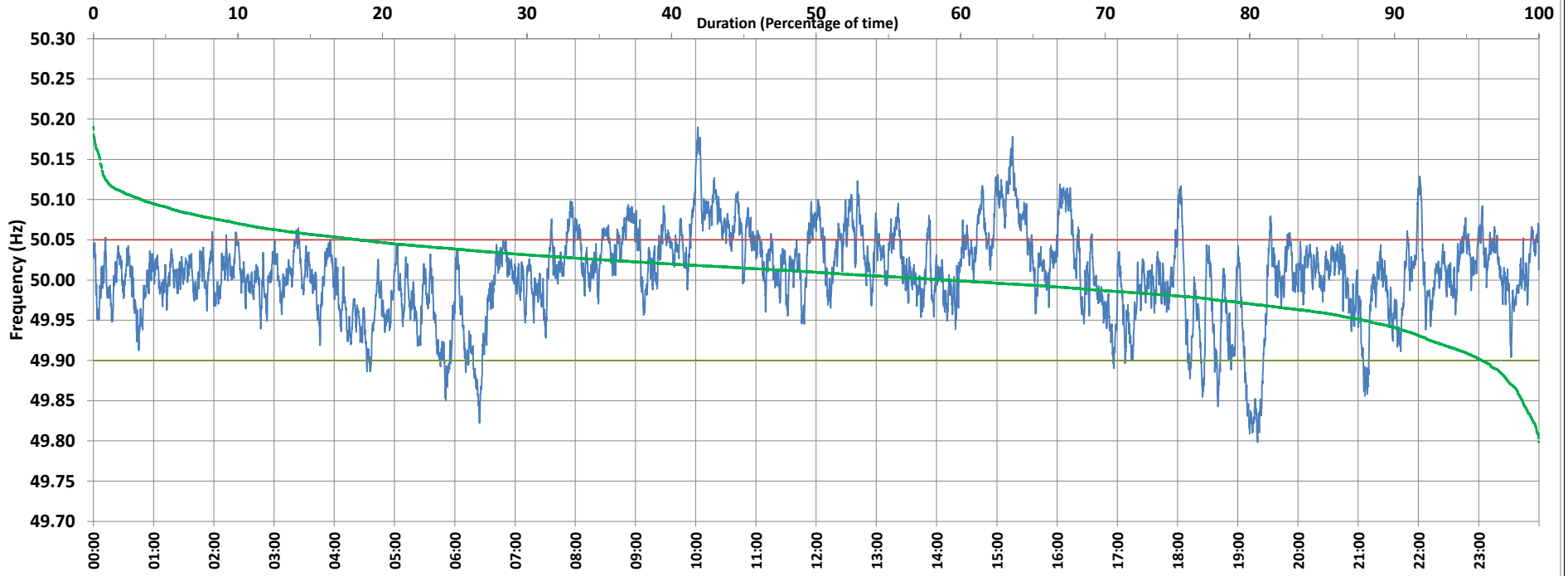


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Aug-2020 (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
0.00	3.95	19.75	0.01	3.94	36.93	55.78	3.34	77.67	100.00	49.16	15.08	59.03	31.10	18.38	0.00	10.00	69.50	6.05

Average Frequency : 50.007	Frequency Variation Index : 0.0289	Standard Deviation : 0.0534	Mileage: 48.4	FDI: 22.3
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Instantaneous Frequency		
Max	50.190	10:02:00
Min	49.799	19:19:40

15 minute Average Frequency		
Max	50.113	10:15:00
Min	49.871	19:30:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	120
above 50.00 Hz	224
below 50.00 Hz	222

Average time freq per excursion remains	
below 49.97	0:02:22
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:21:30
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)