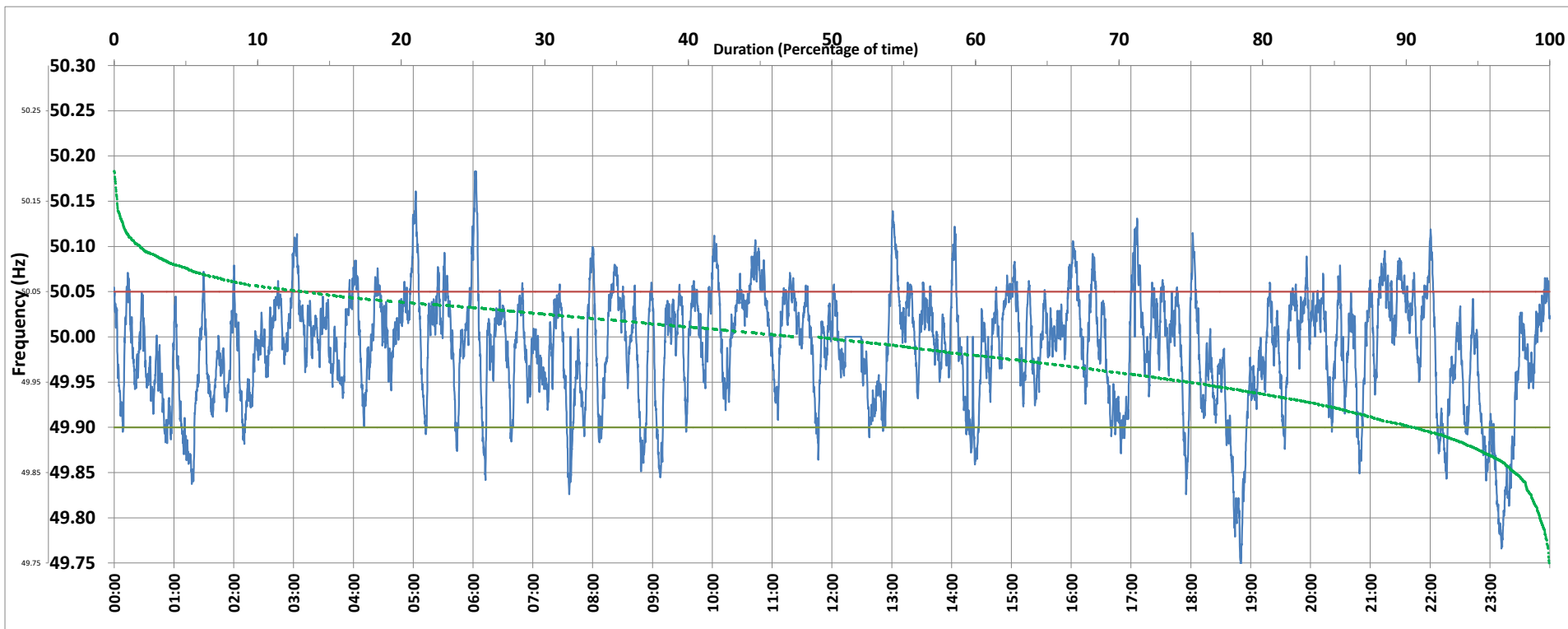


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Mar-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	9.44	34.64	0.68	8.76	41.49	47.26	1.81	77.55	100.00	38.94	11.49	47.25	26.42	13.01	0.00	25.05	61.94	15.60

Average Frequency : 49.988	Frequency Variation Index : 0.0401	Standard Deviation : 0.0622	Mileage: 51.4	FDI: 22.5
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Instantaneous Frequency		
Max	50.183	6:02:50
Min	49.738	18:50:10

15 minute Average Frequency		
Max	50.057	13:15:00
Min	49.834	23:15:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	121
above 50.00 Hz	136
below 50.00 Hz	139

Average time freq per excursion remains	
below 49.97	0:04:07
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	5:23:20
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Source : BALLIA:Frequency 10 Sec. (8640 samples)