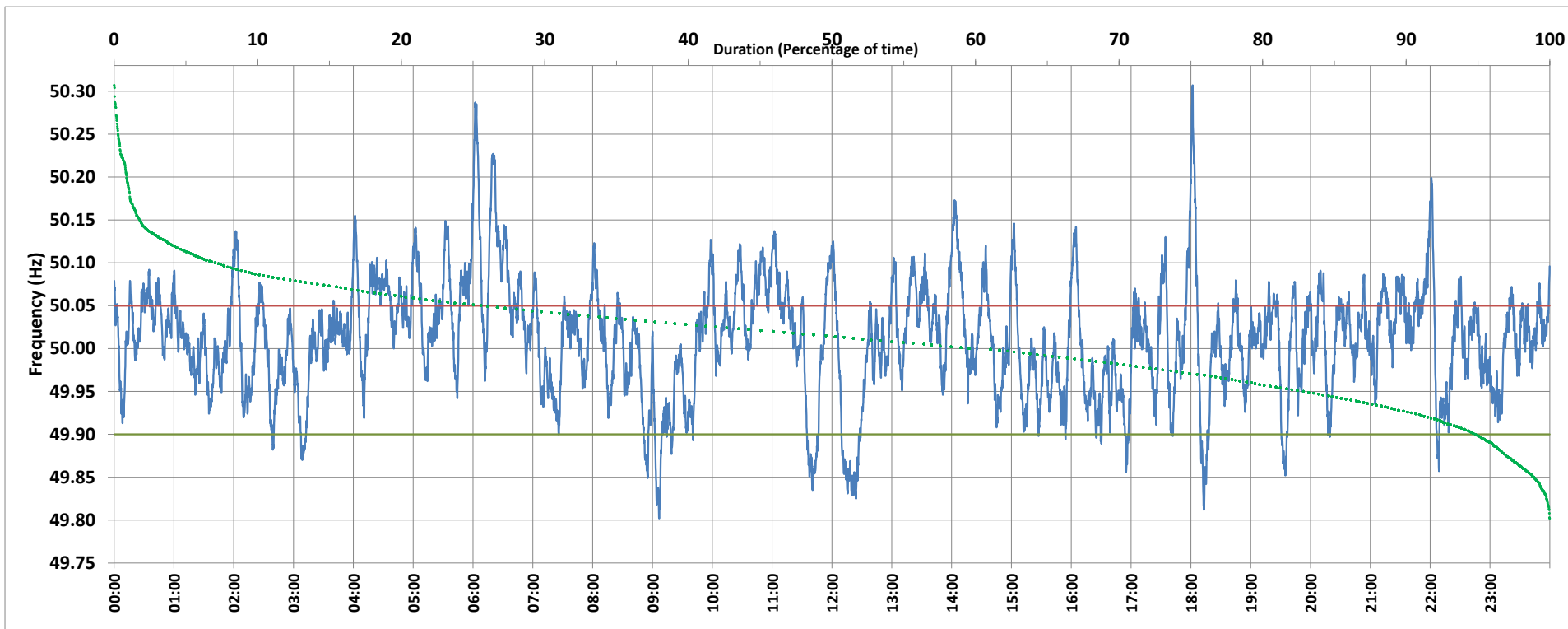


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Feb-2020 (Sunday)



<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	5.07	24.06	0.00	5.07	33.89	53.77	6.40	69.40	99.13	37.51	19.00	59.54	38.43	25.53	0.87	16.81	57.66	11.74

Average Frequency : 50.011	Frequency Variation Index : 0.0449	Standard Deviation : 0.0661	Mileage: 50.6	FDI: 30.6
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Instantaneous Frequency		
Max	50.307	18:01:40
Min	49.802	9:06:40

15 minute Average Frequency		
Max	50.148	6:30:00
Min	49.860	12:30:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	87
above 50.00 Hz	112
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:03:59
above 50.03	0:03:16

No. of hours freq outside 49.9-50.05 Hz	7:20:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)