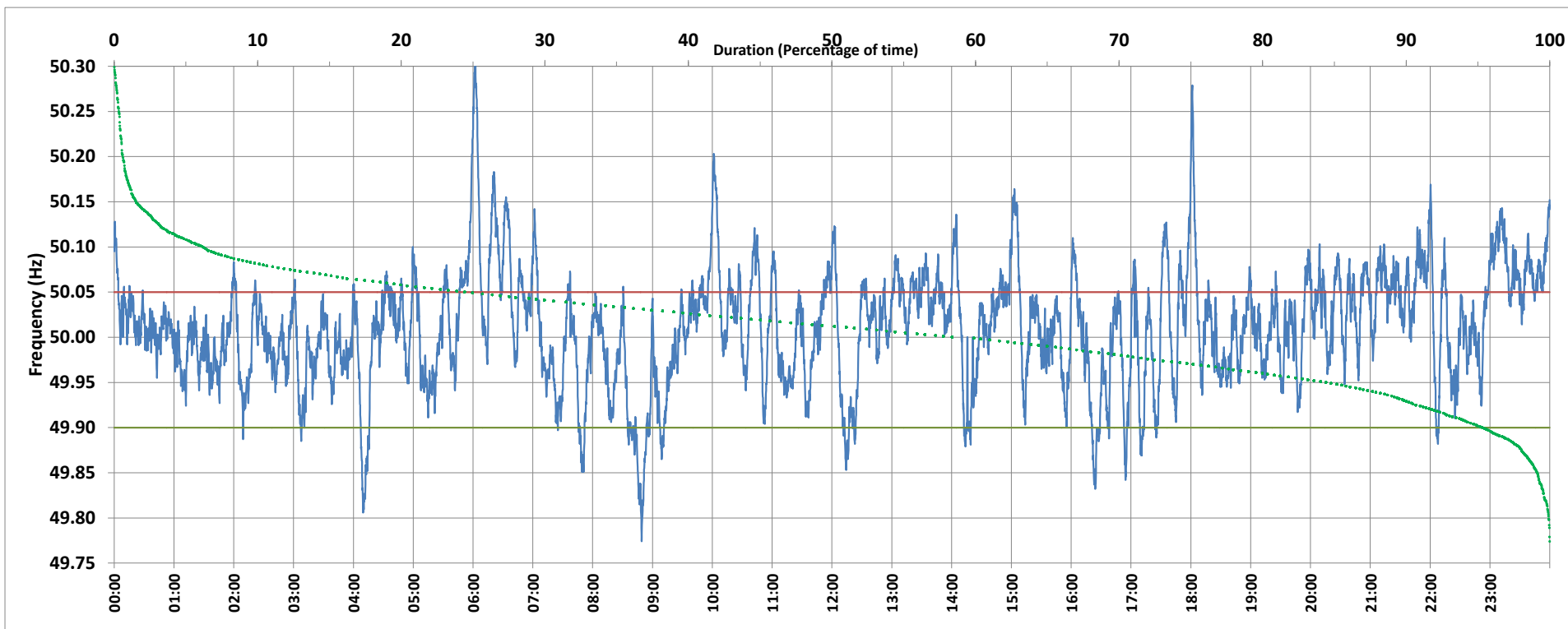


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-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	4.57	24.29	0.08	4.49	35.56	53.62	5.64	71.03	99.39	38.29	18.81	58.36	37.42	24.40	0.61	15.25	60.35	10.68

Average Frequency : 50.010	Frequency Variation Index : 0.0411	Standard Deviation : 0.0633	Mileage: 52.3	FDI: 29.0
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Instantaneous Frequency		
Max	50.304	6:02:20
Min	49.774	8:49:10

15 minute Average Frequency		
Max	50.116	6:15:00
Min	49.874	9:00:00

No. of excursions	
above 50.03 Hz	157
below 49.97 Hz	108
above 50.00 Hz	128
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:03:26

No. of hours freq outside 49.9-50.05 Hz	6:57:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)