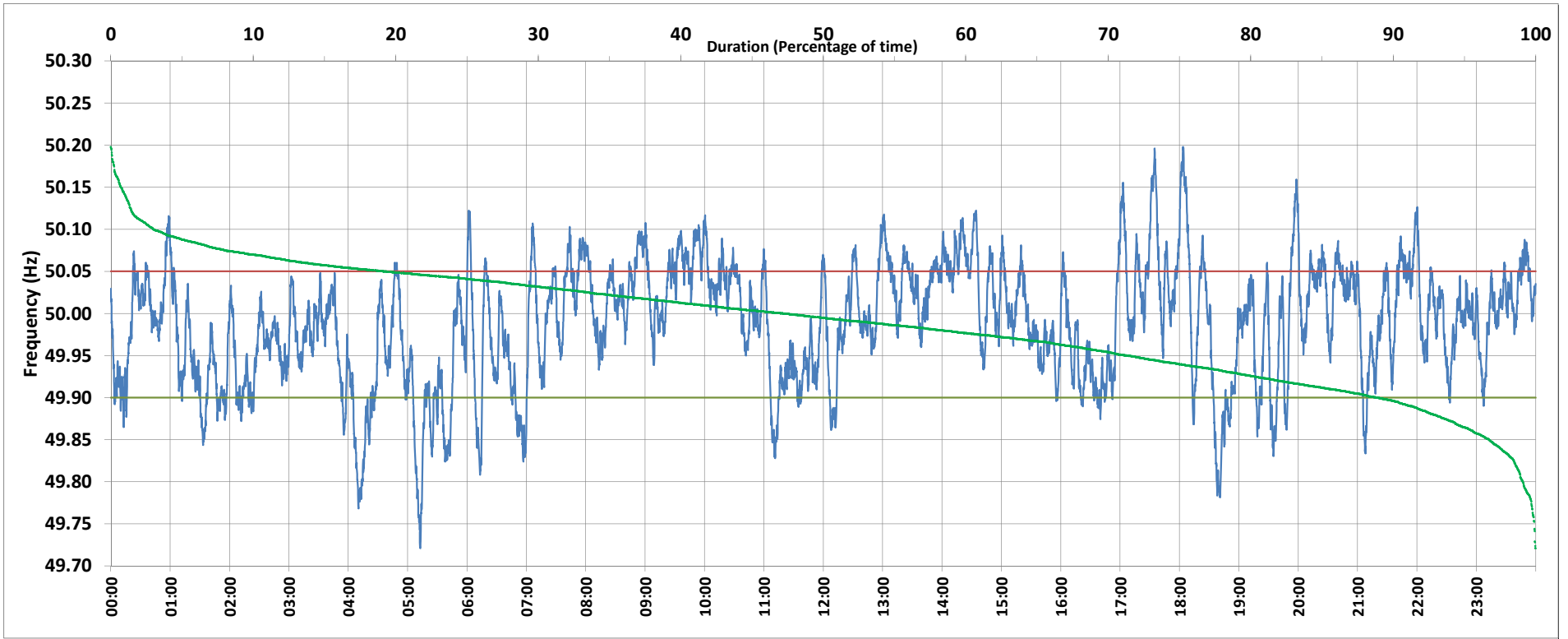


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Feb-2019 (Wednesday)



<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	11.12	36.42	0.89	10.23	41.62	44.25	3.01	69.70	100.00	32.64	16.26	47.19	30.94	19.18	0.00	28.63	52.19	17.51

Average Frequency : 49.988	Frequency Variation Index : 0.0506	Standard Deviation : 0.0701	Mileage: 49.0	FDI: 30.3
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Instantaneous Frequency		
Max	50.198	18:03:30
Min	49.721	5:12:40

15 minute Average Frequency		
Max	50.085	17:45:00
Min	49.847	5:15:00

No. of excursions	
above 50.03 Hz	126
below 49.97 Hz	121
above 50.00 Hz	130
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:03:32

No. of hours freq outside 49.9-50.05 Hz	7:16:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)