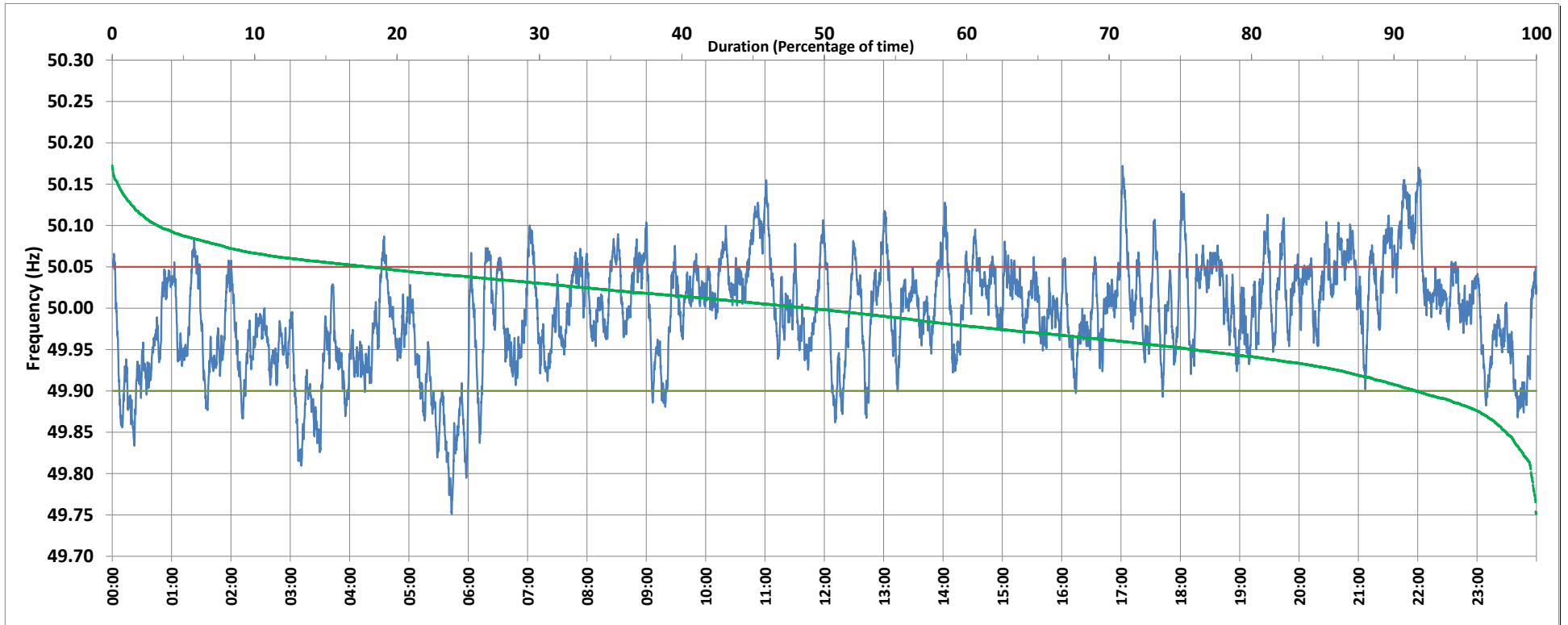


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Feb-2019 (Friday)



<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	8.47	34.87	0.37	8.10	42.57	45.76	3.19	73.53	100.00	34.94	14.85	48.89	30.19	18.00	0.00	24.06	57.94	15.59

Average Frequency : 49.993	Frequency Variation Index : 0.0409	Standard Deviation : 0.0636	Mileage: 47.5	FDI: 26.5
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Instantaneous Frequency		
Max	50.172	17:01:30
Min	49.751	5:43:10

15 minute Average Frequency		
Max	50.118	22:00:00
Min	49.832	5:45:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	129
above 50.00 Hz	144
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:03:54
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	6:21:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)