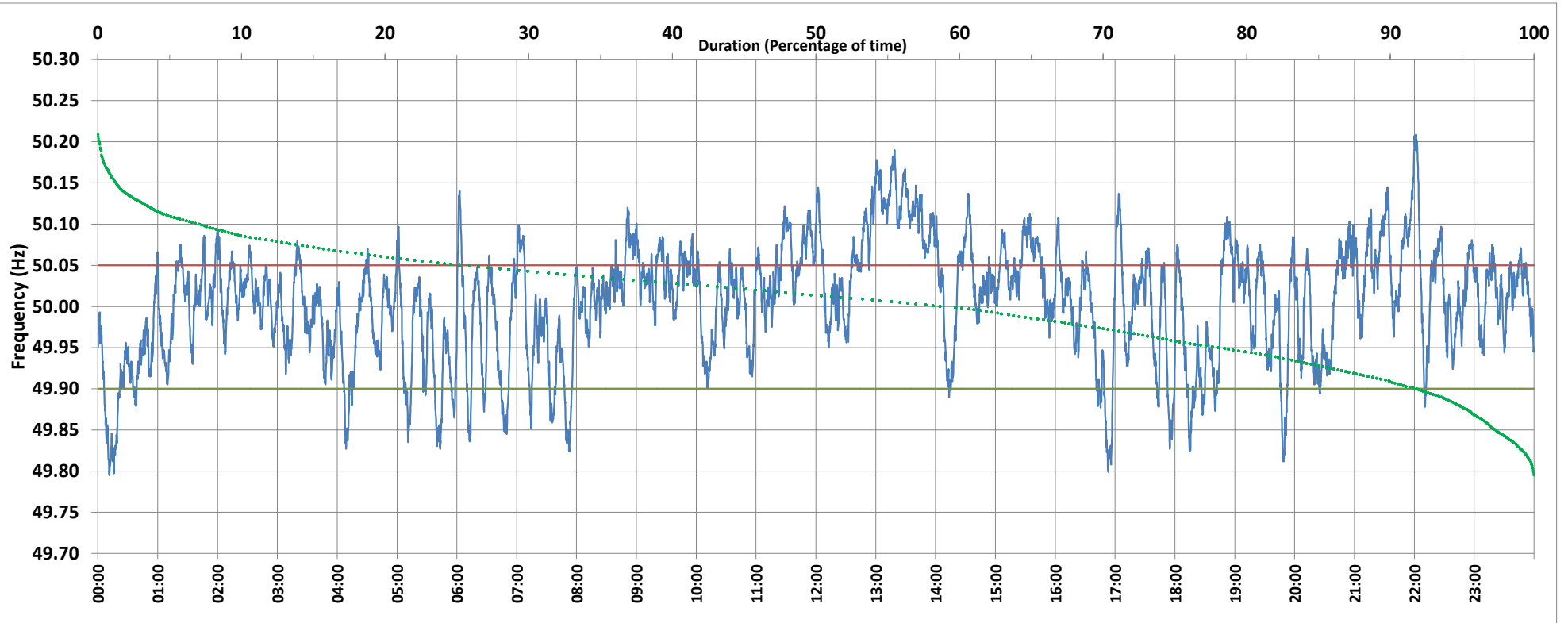


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-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	8.03	28.54	0.05	7.99	32.27	52.48	7.12	66.78	99.90	32.66	18.88	58.63	38.80	25.19	0.10	21.54	53.28	13.51

Average Frequency : 50.005	Frequency Variation Index : 0.0490	Standard Deviation : 0.0699	Mileage: 47.7	FDI: 33.2
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Instantaneous Frequency		
Max	50.209	22:01:40
Min	49.795	0:11:20

15 minute Average Frequency		
Max	50.144	13:30:00
Min	49.880	17:00:00

No. of excursions	
above 50.03 Hz	139
below 49.97 Hz	89
above 50.00 Hz	87
below 50.00 Hz	90

Average time freq per excursion remains	
below 49.97	0:04:37
above 50.03	0:04:01

No. of hours freq outside 49.9-50.05 Hz	7:58:20
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Source : SOMANAHALLI:Frequency 10 Sec. (8640 samples)