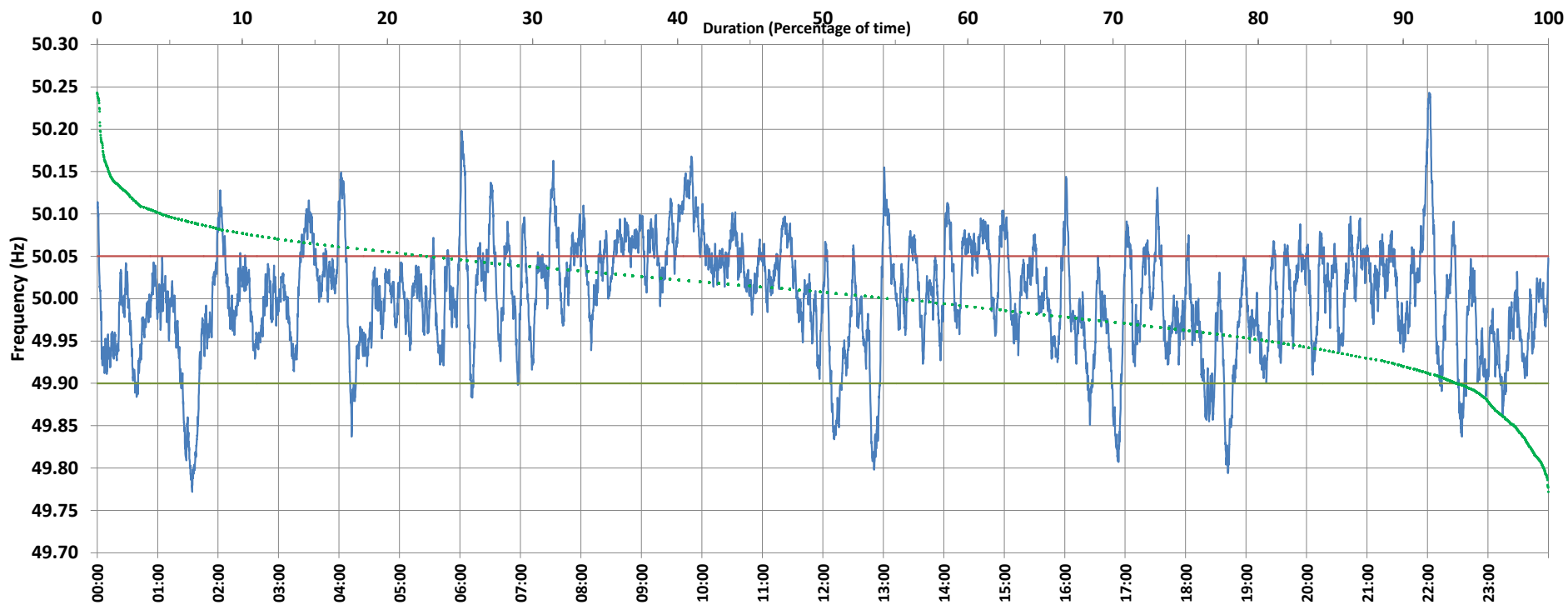


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Feb-2021 (Saturday)



<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	6.19	28.32	0.30	5.89	38.06	51.20	4.34	71.11	99.79	36.64	18.77	54.43	35.03	22.70	0.21	19.02	58.29	12.82

Average Frequency : 50.002	Frequency Variation Index : 0.0421	Standard Deviation : 0.0649	Mileage: 52.5	FDI: 28.9
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Instantaneous Frequency		
Max	50.243	22:01:40
Min	49.772	1:34:10

15 minute Average Frequency		
Max	50.109	10:00:00
Min	49.849	1:45:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	122
above 50.00 Hz	101
below 50.00 Hz	106

Average time freq per excursion remains	
below 49.97	0:03:21
above 50.03	0:03:27

No. of hours freq outside 49.9-50.05 Hz	6:56:00
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Source : SARUSUJAI:Frequency 10 Sec. (8640 samples)