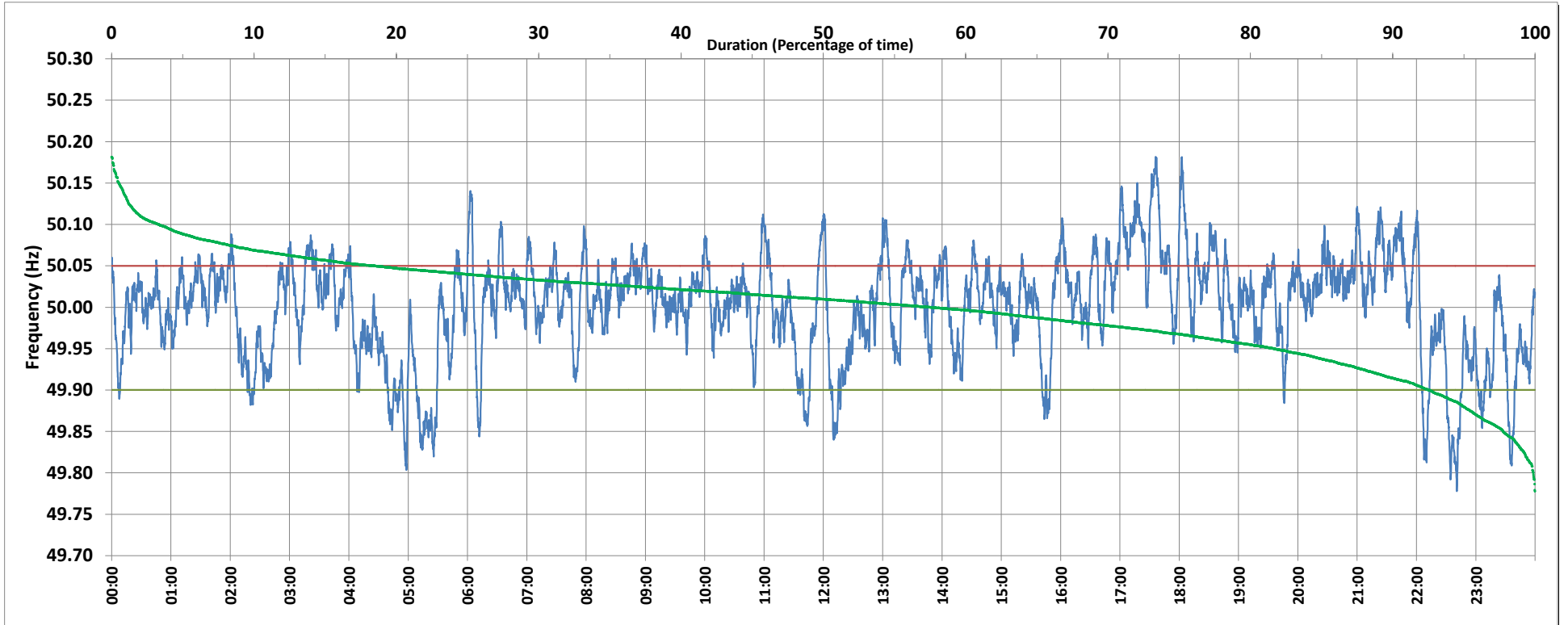


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Mar-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	7.43	26.19	0.12	7.31	34.97	54.26	3.34	74.09	100.00	41.46	15.21	57.53	32.35	18.48	0.00	18.30	63.22	10.87

Average Frequency : 50.000	Frequency Variation Index : 0.0379	Standard Deviation : 0.0616	Mileage: 46.2	FDI: 25.9
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Instantaneous Frequency		
Max	50.182	17:36:10
Min	49.778	22:40:50

15 minute Average Frequency		
Max	50.119	17:45:00
Min	49.837	22:45:00

No. of excursions	
above 50.03 Hz	183
below 49.97 Hz	117
above 50.00 Hz	171
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:03:13
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	6:13:10
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Source : HISSAR:Frequency 10 Sec. (8640 samples)