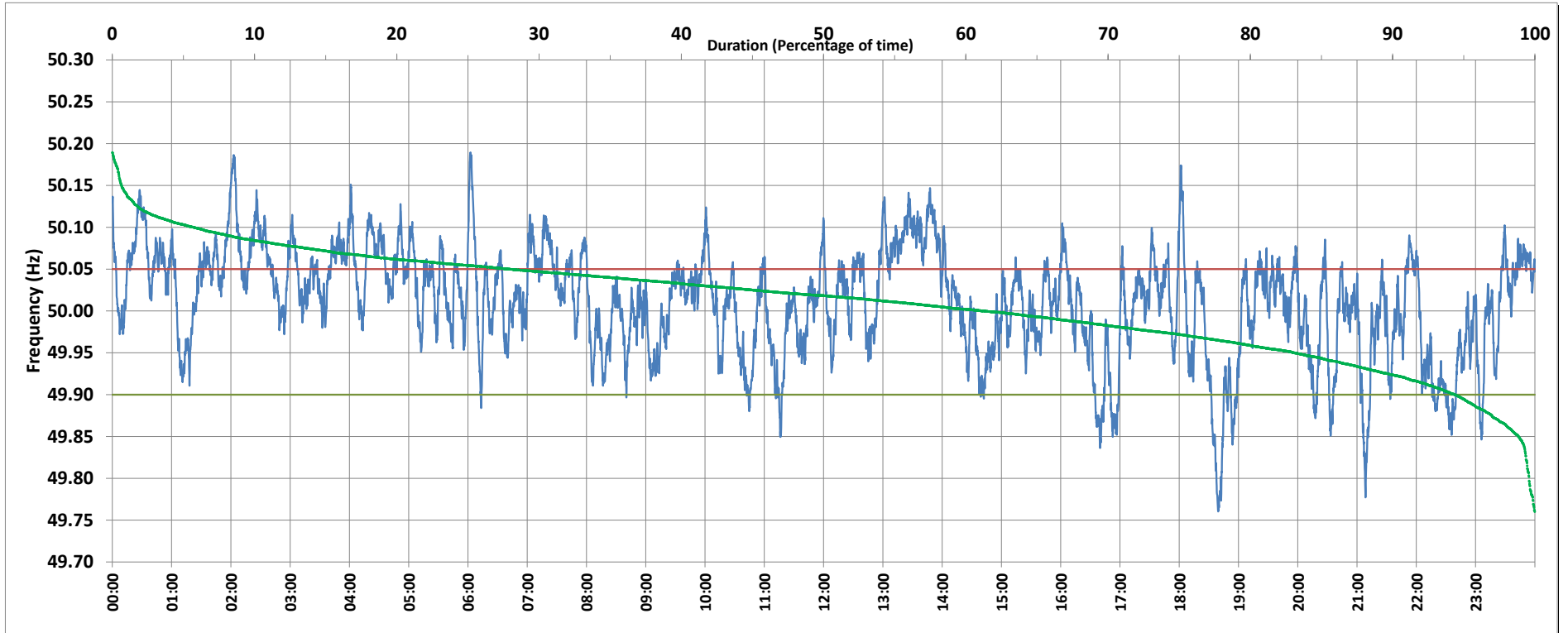


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Mar-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	5.60	24.24	0.41	5.20	33.09	55.57	5.74	66.45	100.00	34.10	22.29	61.25	41.67	27.95	0.00	16.86	55.19	11.26

Average Frequency : 50.010	Frequency Variation Index : 0.0415	Standard Deviation : 0.0636	Mileage: 47.3	FDI: 33.6
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Instantaneous Frequency		
Max	50.190	6:02:30
Min	49.760	18:39:20

15 minute Average Frequency			
Max	50.102	2:15:00	
Min	49.834	18:45:00	

No. of excursions	
above 50.03 Hz	156
below 49.97 Hz	103
above 50.00 Hz	151
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:03:51

No. of hours freq outside 49.9-50.05 Hz	8:03:10
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Source : HISSAR:Frequency 10 Sec. (8640 samples)