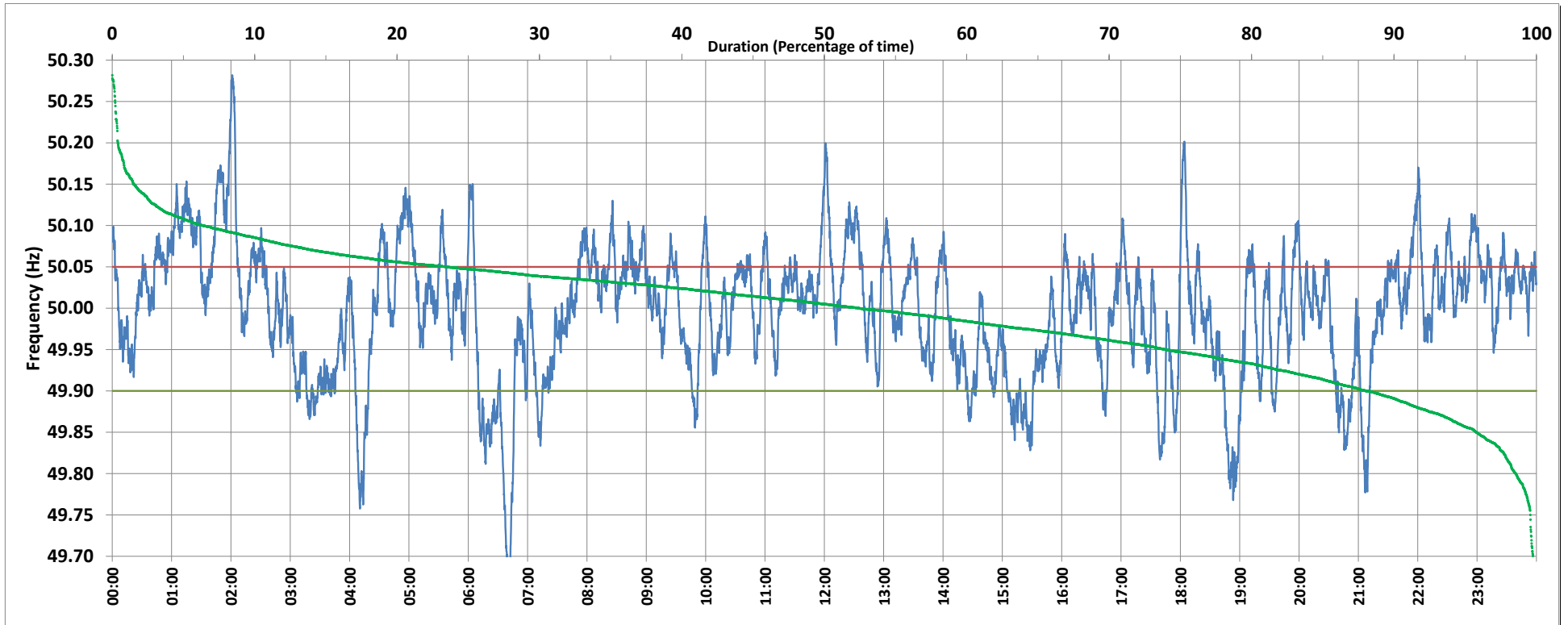


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Jan-2019 (Tuesday)



<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
0.23	11.89	33.47	1.20	10.45	35.64	46.10	5.98	64.61	99.38	30.42	17.18	52.44	36.11	23.51	0.39	25.98	50.51	14.10

Average Frequency : 49.996	Frequency Variation Index : 0.0618	Standard Deviation : 0.0785	Mileage: 49.7	FDI: 35.4
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Instantaneous Frequency		
Max	50.282	2:01:20
Min	49.676	6:39:50

15 minute Average Frequency		
Max	50.153	2:00:00
Min	49.780	6:45:00

No. of excursions	
above 50.03 Hz	155
below 49.97 Hz	109
above 50.00 Hz	134
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:04:25
above 50.03	0:03:21

No. of hours freq outside 49.9-50.05 Hz	8:29:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)