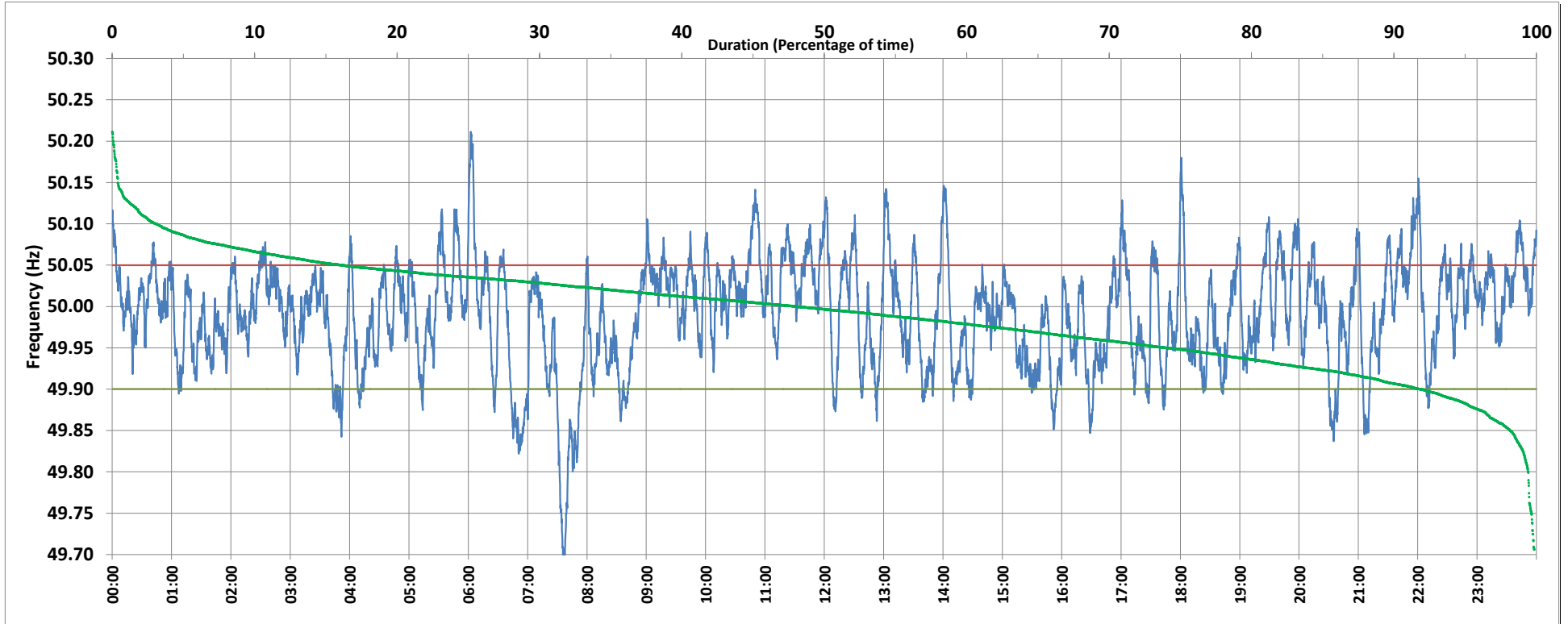


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jan-2019 (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
0.14	8.09	35.51	0.43	7.52	43.83	44.99	3.02	75.79	99.79	35.50	13.09	48.07	28.99	16.12	0.07	25.93	57.95	17.84

Average Frequency : 49.991	Frequency Variation Index : 0.0430	Standard Deviation : 0.0649	Mileage: 49.1	FDI: 24.2
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Instantaneous Frequency		
Max	50.211	6:02:20
Min	49.672	7:37:10

15 minute Average Frequency		
Max	50.078	6:15:00
Min	49.782	7:45:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	121
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:04:14
above 50.03	0:02:44

No. of hours freq outside 49.9-50.05 Hz	5:48:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)