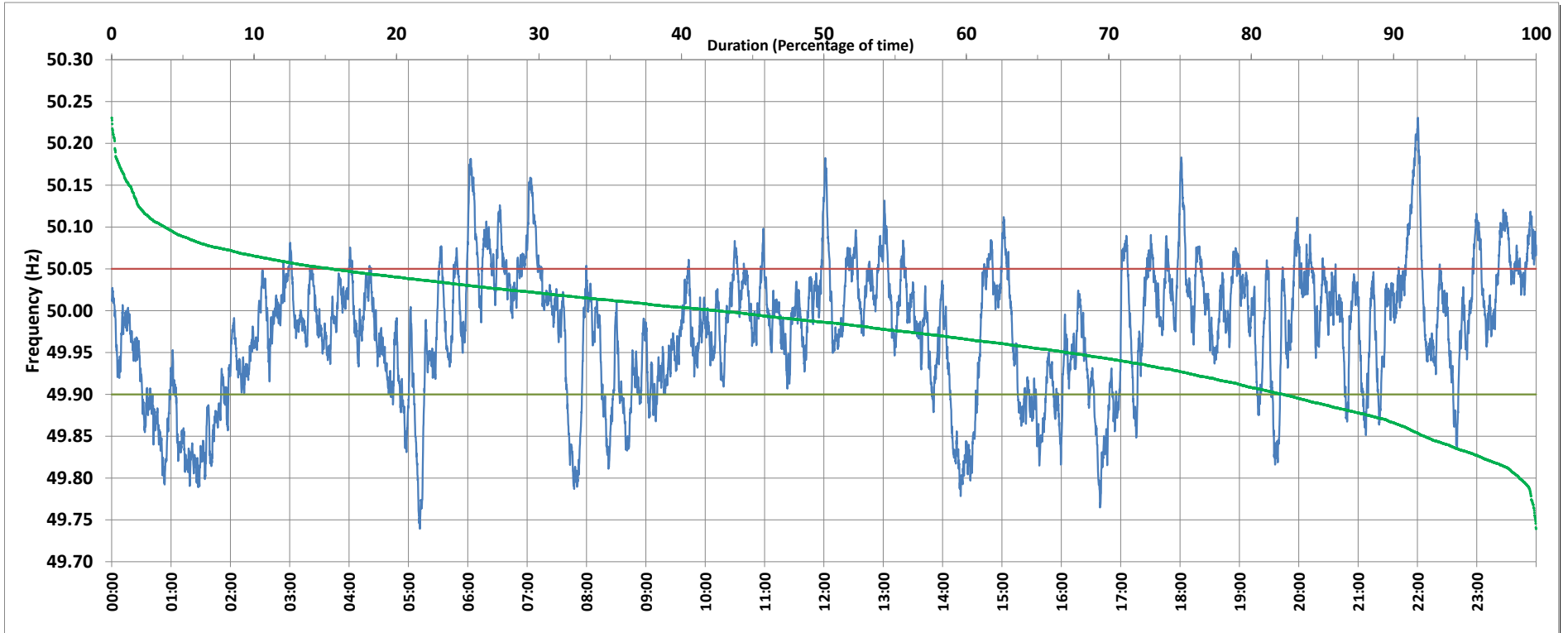


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-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
0.00	17.72	41.72	1.16	16.56	39.65	38.89	3.52	66.84	99.78	33.14	11.74	42.53	25.14	15.44	0.22	32.89	51.67	15.17

Average Frequency : 49.977	Frequency Variation Index : 0.0657	Standard Deviation : 0.0776	Mileage: 48.6	FDI: 33.2
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Instantaneous Frequency		
Max	50.231	22:00:30
Min	49.739	5:11:30

15 minute Average Frequency		
Max	50.117	22:00:00
Min	49.815	14:30:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	109
above 50.00 Hz	142
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:05:31
above 50.03	0:02:57

No. of hours freq outside 49.9-50.05 Hz	7:57:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)