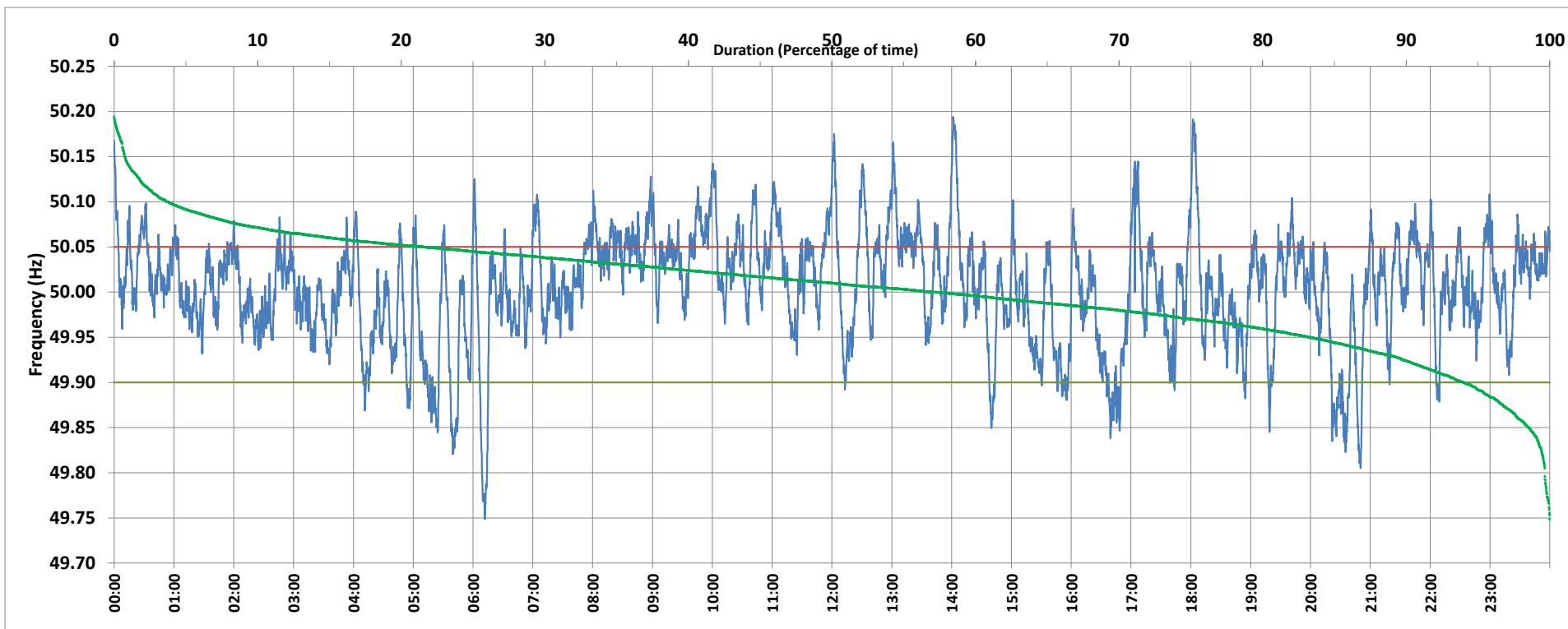


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jan-2020 (Thursday)



<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	6.00	24.81	0.35	5.65	36.79	53.51	3.70	72.51	100.00	39.43	17.86	57.01	35.75	21.49	0.00	16.71	61.79	10.72

Average Frequency : 50.004	Frequency Variation Index : 0.0371	Standard Deviation : 0.0608	Mileage: 53.0	FDI: 27.5
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Instantaneous Frequency		
Max	50.194	14:01:30
Min	49.749	6:11:40

15 minute Average Frequency		
Max	50.082	10:00:00
Min	49.897	16:45:00

No. of excursions	
above 50.03 Hz	193
below 49.97 Hz	127
above 50.00 Hz	193
below 50.00 Hz	192

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	6:35:50
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Source : SLPR4:Frequency 10 Sec. (8640 samples)