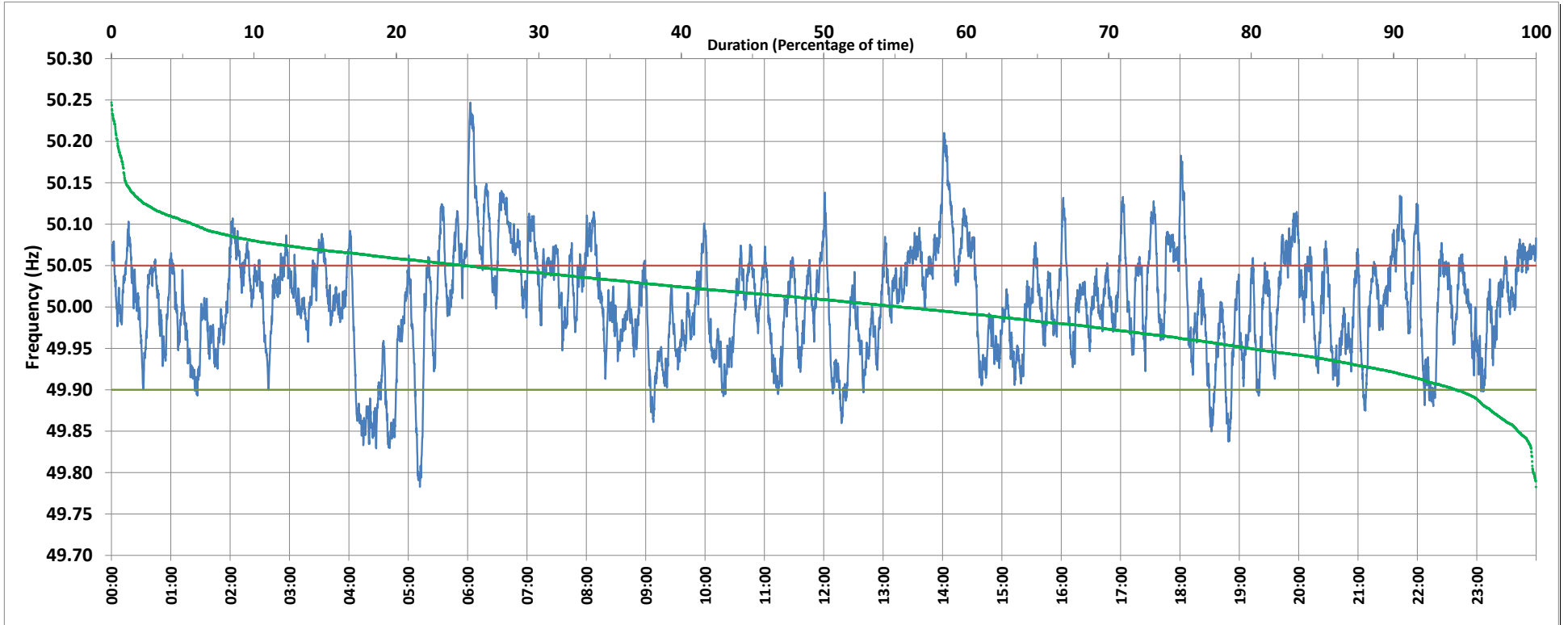


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jan-2019 (Sunday)



<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	5.59	28.40	0.19	5.41	38.96	49.75	5.28	69.63	99.57	34.99	19.13	55.41	36.61	24.78	0.43	20.01	55.21	14.42

Average Frequency : 50.005	Frequency Variation Index : 0.0421	Standard Deviation : 0.0647	Mileage: 48.4	FDI: 30.4
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Instantaneous Frequency		
Max	50.247	6:02:40
Min	49.783	5:11:40

15 minute Average Frequency		
Max	50.149	6:15:00
Min	49.862	4:30:00

No. of excursions	
above 50.03 Hz	137
below 49.97 Hz	111
above 50.00 Hz	152
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:03:41
above 50.03	0:03:51

No. of hours freq outside 49.9-50.05 Hz	7:17:20
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Source : HISSAR:Frequency 10 Sec. (8640 samples)