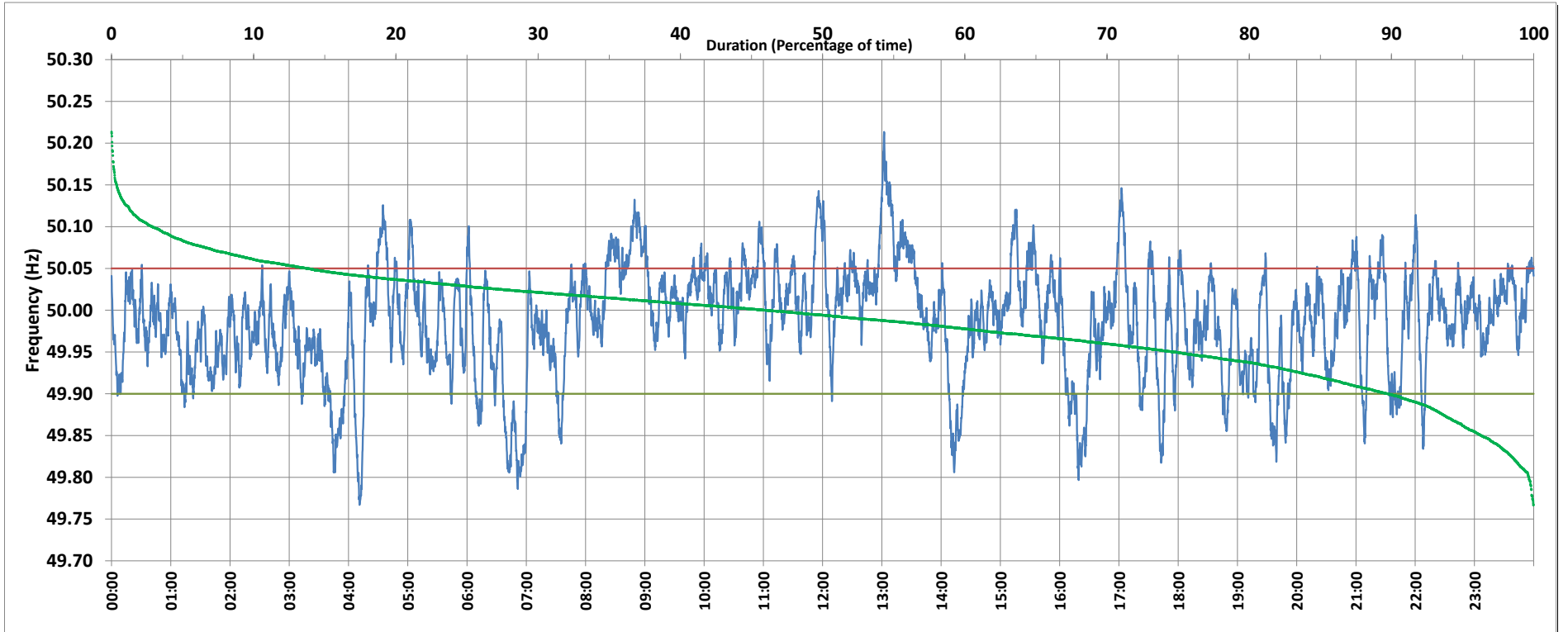


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Feb-2019 (Wednesday)



<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	10.20	35.71	0.34	9.86	43.75	43.18	2.82	76.08	99.95	40.09	10.91	46.01	24.20	13.73	0.05	25.21	61.06	15.01

Average Frequency : 49.987	Frequency Variation Index : 0.0438	Standard Deviation : 0.0648	Mileage: 48.8	FDI: 23.9
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Instantaneous Frequency		
Max	50.213	13:02:10
Min	49.767	4:11:00

15 minute Average Frequency		
Max	50.128	13:15:00
Min	49.835	7:00:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	160
above 50.00 Hz	172
below 50.00 Hz	172

Average time freq per excursion remains	
below 49.97	0:03:13
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	5:44:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)