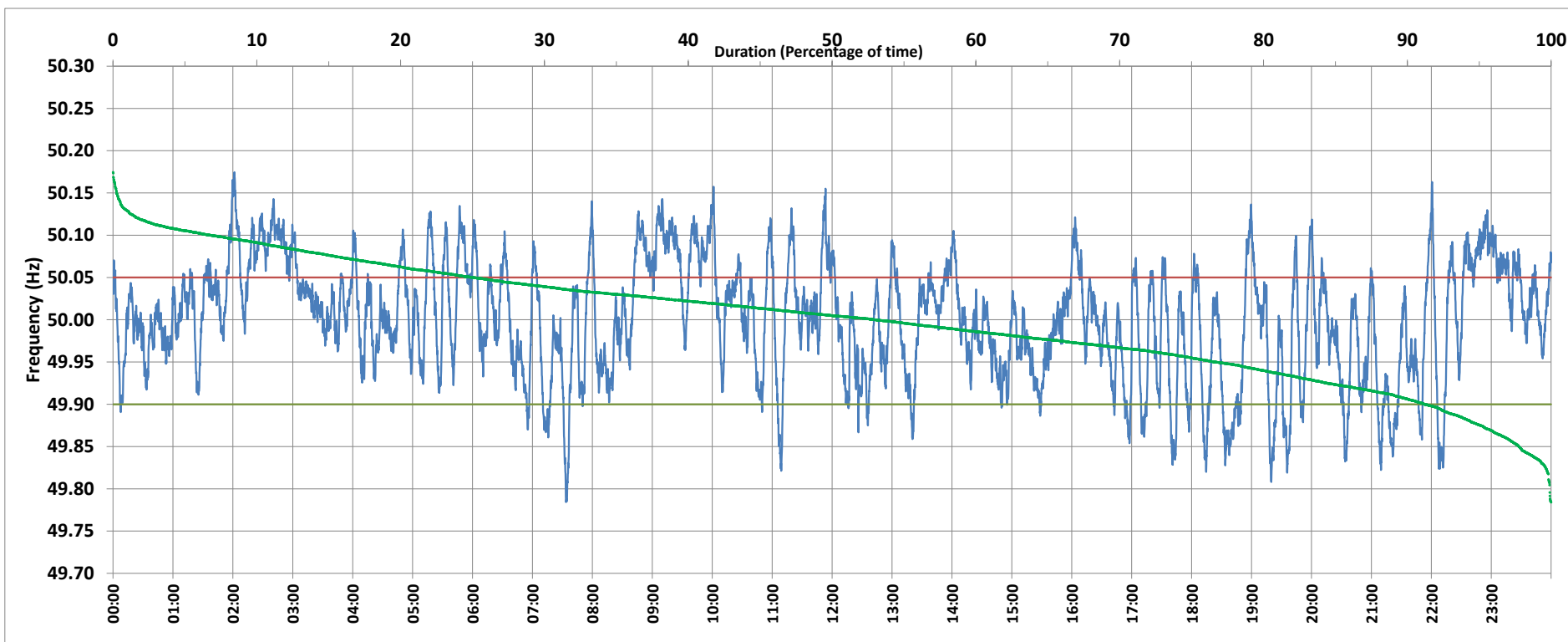


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jan-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	8.80	31.45	0.10	8.69	38.18	46.19	6.83	66.22	100.00	33.47	18.24	52.99	35.08	24.99	0.00	23.33	51.68	14.54

Average Frequency : 50.000	Frequency Variation Index : 0.0476	Standard Deviation : 0.0690	Mileage: 49.9	FDI: 33.8
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Instantaneous Frequency		
Max	50.175	2:01:30
Min	49.784	7:33:30

15 minute Average Frequency		
Max	50.101	2:45:00
Min	49.871	18:45:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	123
above 50.00 Hz	136
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:03:41
above 50.03	0:03:37

No. of hours freq outside 49.9-50.05 Hz	8:06:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)