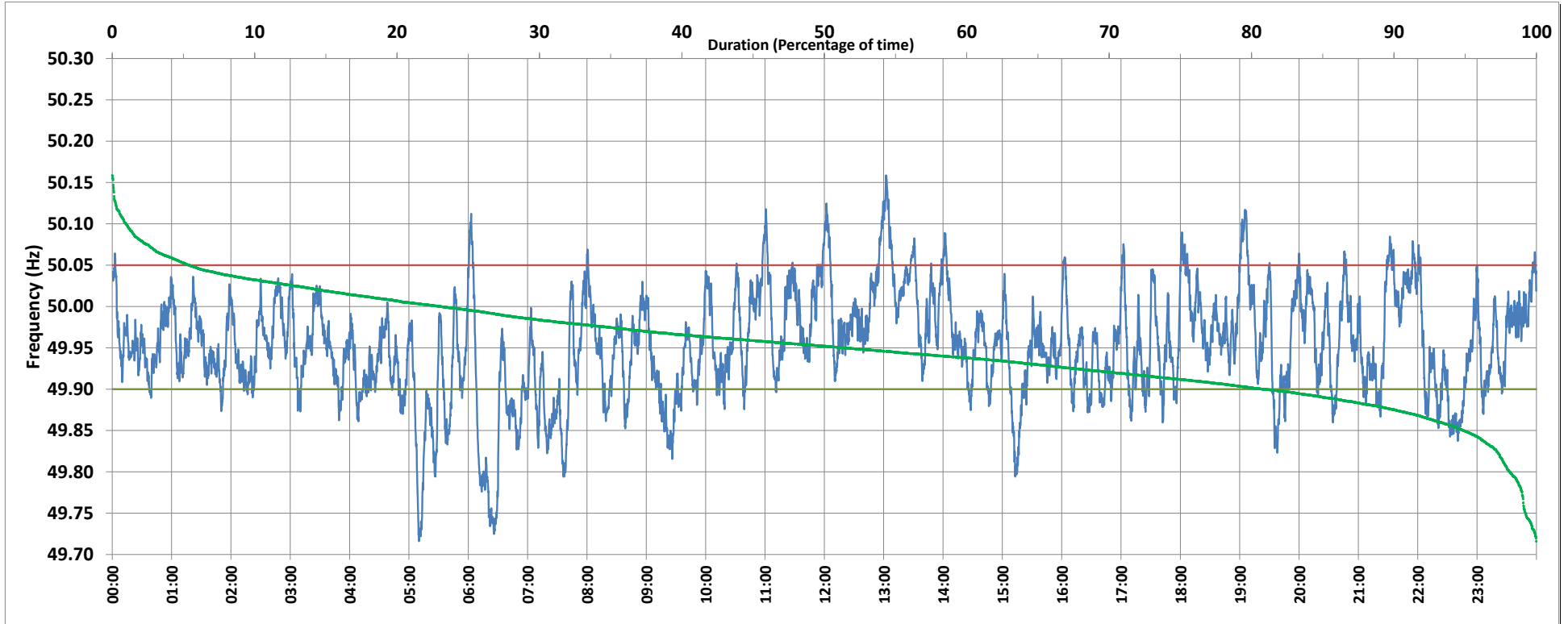


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Dec-2018 (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	19.09	62.44	1.85	17.23	57.79	22.15	0.97	75.53	100.00	26.67	4.43	23.07	10.89	5.38	0.00	48.55	46.06	29.47

Average Frequency : 49.952	Frequency Variation Index : 0.0641	Standard Deviation : 0.0640	Mileage: 47.1	FDI: 24.5
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Instantaneous Frequency		
Max	50.159	13:02:20
Min	49.716	5:10:10

15 minute Average Frequency		
Max	50.069	13:15:00
Min	49.763	6:30:00

No. of excursions	
above 50.03 Hz	91
below 49.97 Hz	140
above 50.00 Hz	105
below 50.00 Hz	106

Average time freq per excursion remains	
below 49.97	0:06:25
above 50.03	0:01:43

No. of hours freq outside 49.9-50.05 Hz	5:52:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)