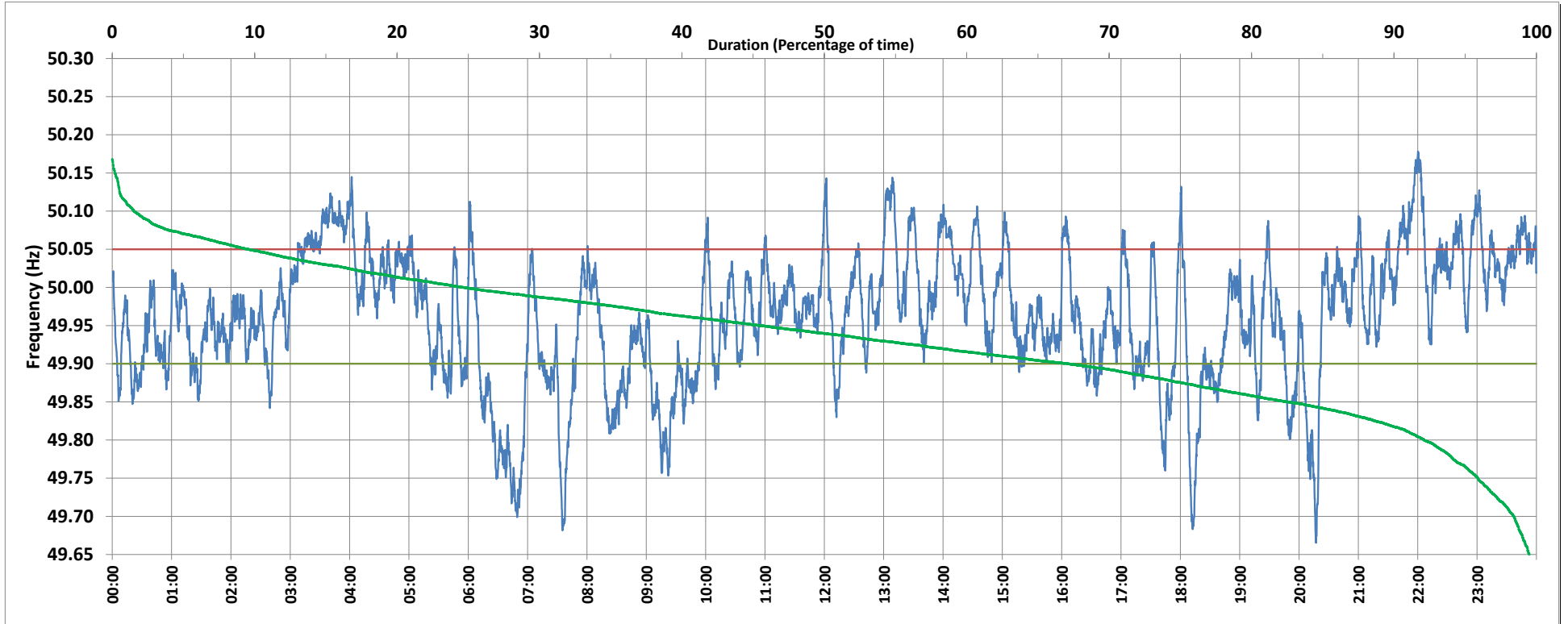


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Jan-2019 (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
0.50	22.37	51.13	4.09	17.79	42.20	32.58	2.85	62.30	99.50	26.67	12.55	35.36	22.20	15.32	0.00	42.07	42.60	19.70

Average Frequency : 49.962	Frequency Variation Index : 0.0875	Standard Deviation : 0.0854	Mileage: 47.9	FDI: 37.7
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Instantaneous Frequency		
Max	50.178	22:00:10
Min	49.665	20:17:10

15 minute Average Frequency		
Max	50.104	22:00:00
Min	49.775	6:45:00

No. of excursions	
above 50.03 Hz	86
below 49.97 Hz	122
above 50.00 Hz	101
below 50.00 Hz	100

Average time freq per excursion remains	
below 49.97	0:06:02
above 50.03	0:03:43

No. of hours freq outside 49.9-50.05 Hz	
	9:02:50

Source : SLPR4:Frequency 10 Sec. (8640 samples)