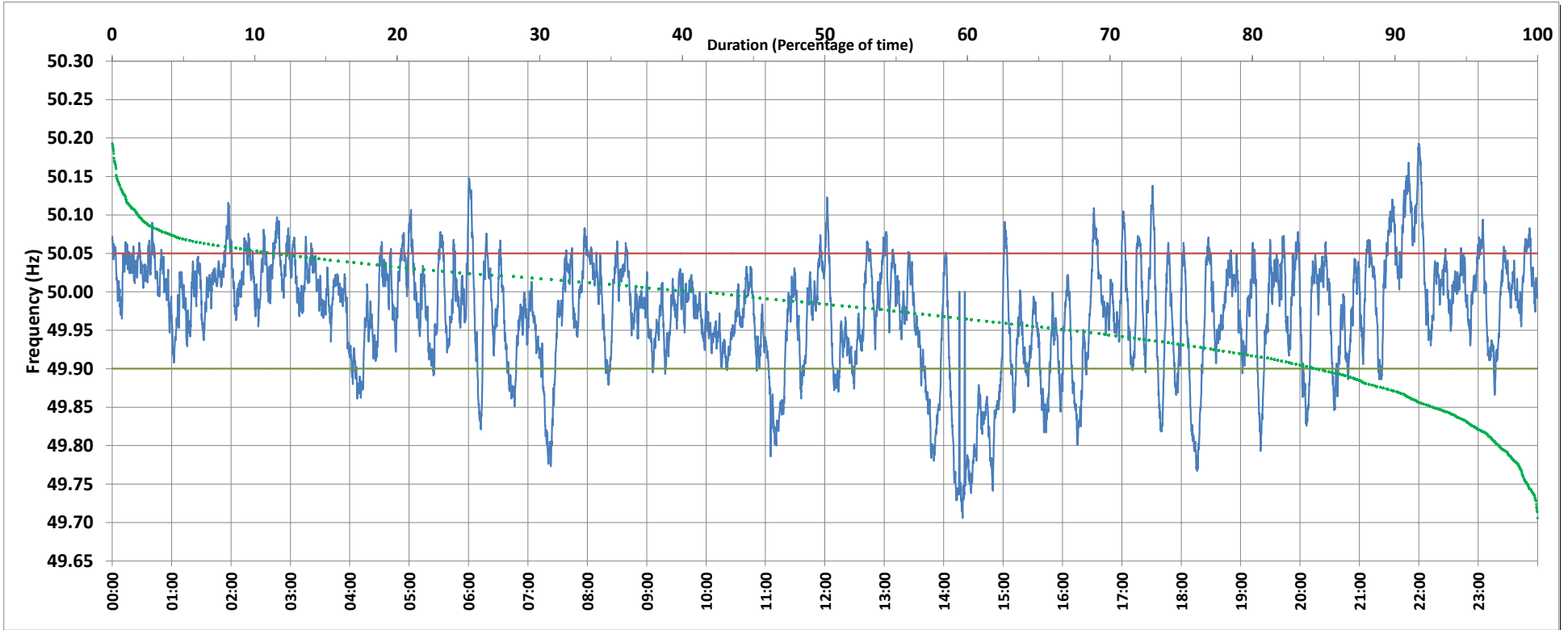


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Dec-2019 (Monday)



<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	15.35	42.08	2.67	12.67	42.66	40.14	1.85	73.33	100.00	36.71	10.06	40.64	21.20	11.32	0.00	32.31	56.37	16.97

Average Frequency : 49.973	Frequency Variation Index : 0.0615	Standard Deviation : 0.0736	Mileage: 54.4	FDI: 26.7
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Instantaneous Frequency		
Max	50.193	21:59:50
Min	49.706	14:19:00

15 minute Average Frequency		
Max	50.119	22:00:00
Min	49.768	14:30:00

No. of excursions	
above 50.03 Hz	137
below 49.97 Hz	122
above 50.00 Hz	114
below 50.00 Hz	113

Average time freq per excursion remains	
below 49.97	0:04:58
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	6:24:00
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)