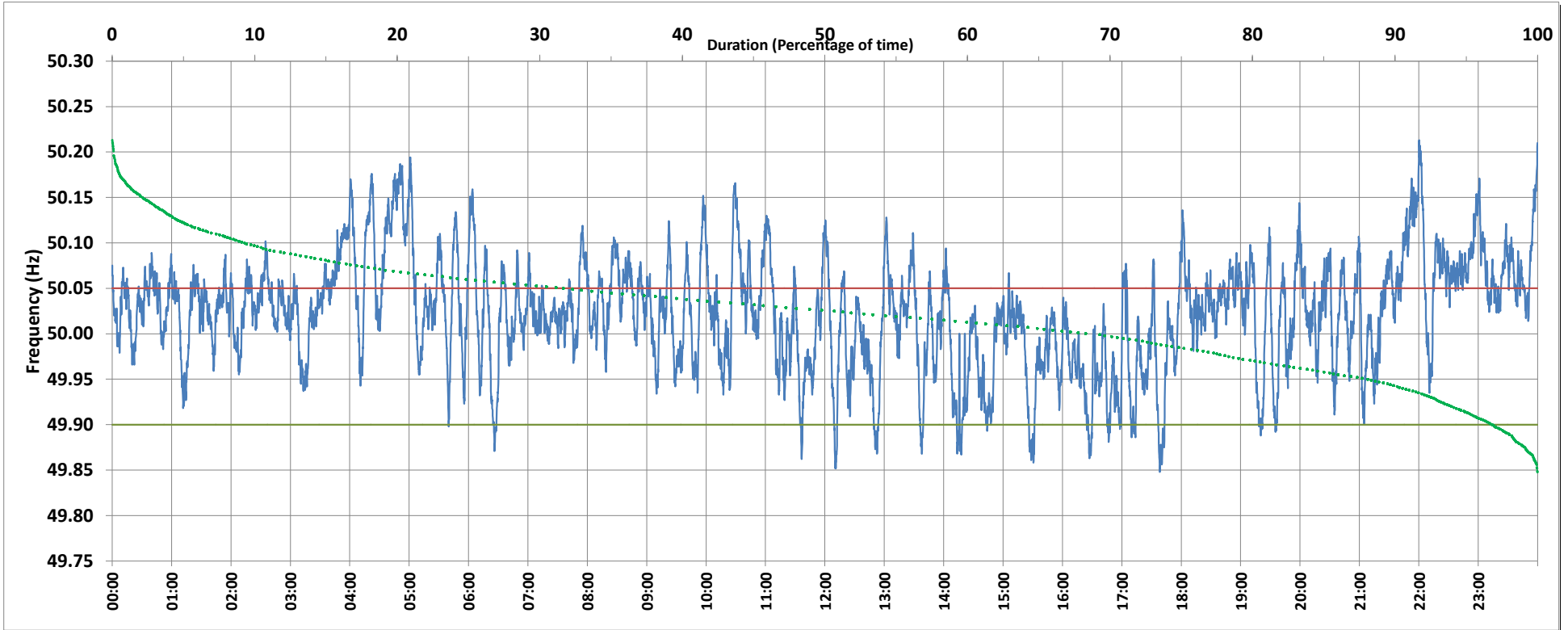


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 04-Dec-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	3.06	19.48	0.00	3.06	27.66	59.87	9.32	65.30	99.91	33.98	23.02	68.29	46.54	31.64	0.09	11.67	56.69	8.61

Average Frequency : 50.023	Frequency Variation Index : 0.0421	Standard Deviation : 0.0606	Mileage: 52.2	FDI: 34.7
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Instantaneous Frequency		
Max	50.213	22:00:20
Min	49.848	17:38:20

15 minute Average Frequency		
Max	50.148	5:00:00
Min	49.927	17:00:00

No. of excursions	
above 50.03 Hz	170
below 49.97 Hz	83
above 50.00 Hz	98
below 50.00 Hz	102

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:03:57

No. of hours freq outside 49.9-50.05 Hz	8:19:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)