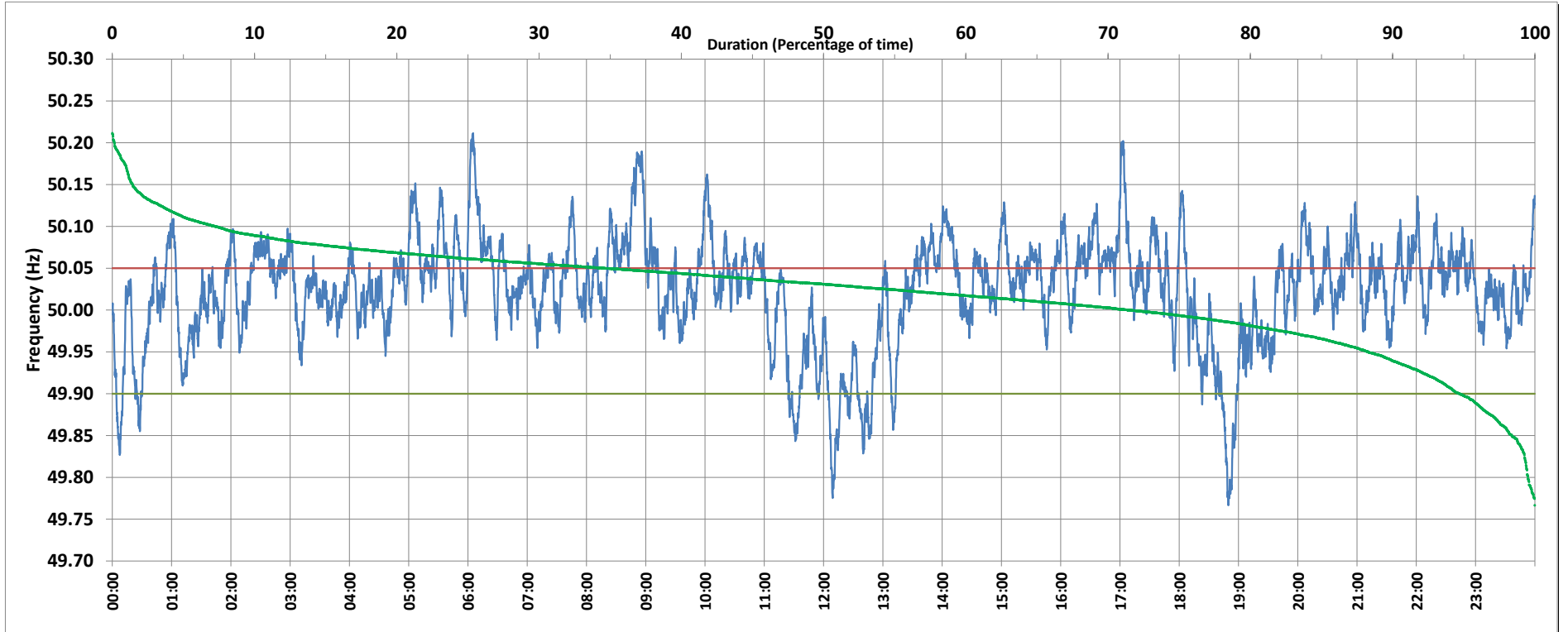


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Mar-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
0.00	5.28	16.25	0.49	4.79	23.16	64.32	7.09	60.07	99.85	32.99	27.51	71.48	50.76	34.65	0.15	11.68	53.67	6.40

Average Frequency : 50.023	Frequency Variation Index : 0.0451	Standard Deviation : 0.0632	Mileage: 46.2	FDI: 39.9
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Instantaneous Frequency		
Max	50.212	6:05:10
Min	49.767	18:49:40

15 minute Average Frequency		
Max	50.152	9:00:00
Min	49.836	19:00:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	66
above 50.00 Hz	134
below 50.00 Hz	136

Average time freq per excursion remains	
below 49.97	0:03:33
above 50.03	0:04:15

No. of hours freq outside 49.9-50.05 Hz	9:35:00
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)