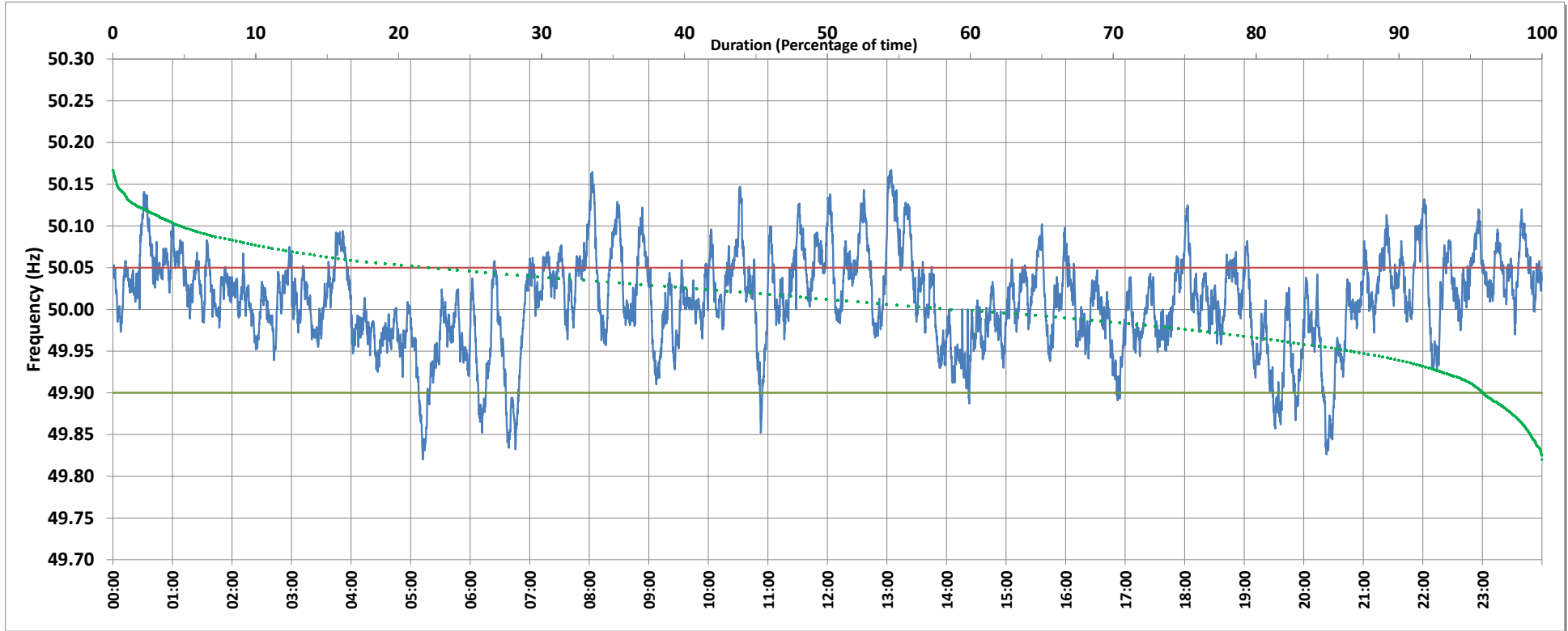


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Aug-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	4.10	21.28	0.00	4.10	35.76	55.29	4.85	73.81	100.00	41.79	18.11	58.66	36.92	22.09	0.00	13.16	64.75	9.06

Average Frequency : 50.010	Frequency Variation Index : 0.0323	Standard Deviation : 0.0560	Mileage: 47.1	FDI: 26.2
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Instantaneous Frequency		
Max	50.167	13:04:10
Min	49.820	5:12:10

15 minute Average Frequency		
Max	50.119	13:15:00
Min	49.885	20:30:00

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	92
above 50.00 Hz	117
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:03:20
above 50.03	0:03:13

No. of hours freq outside 49.9-50.05 Hz	6:17:10
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)