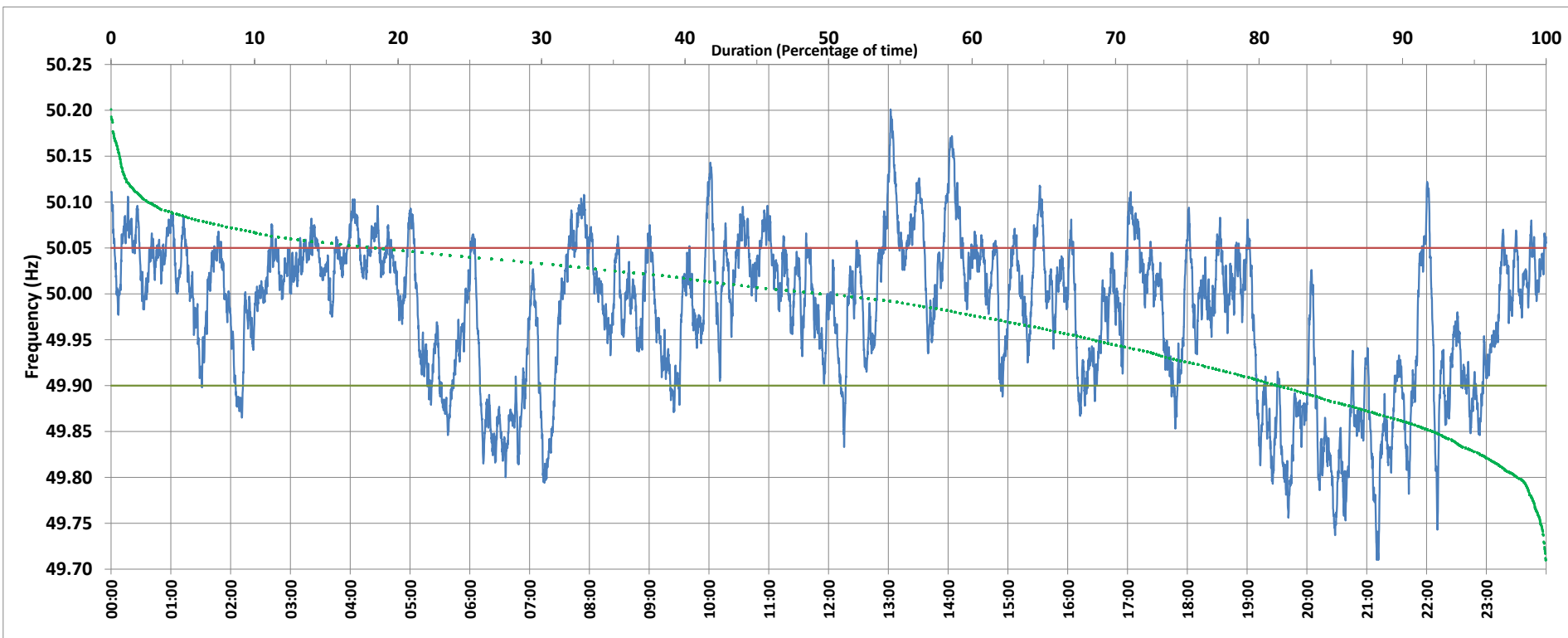


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Jul-2019 (Friday)



<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	18.52	37.38	1.91	16.61	30.90	47.85	2.72	63.07	99.99	30.61	16.39	49.40	32.00	18.41	0.01	31.38	50.21	12.86

Average Frequency : 49.981	Frequency Variation Index : 0.0685	Standard Deviation : 0.0805	Mileage: 45.8	FDI: 36.9
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Instantaneous Frequency		
Max	50.201	13:02:10
Min	49.710	21:10:00

15 minute Average Frequency		
Max	50.111	14:15:00
Min	49.806	20:30:00

No. of excursions	
above 50.03 Hz	113
below 49.97 Hz	75
above 50.00 Hz	94
below 50.00 Hz	85

Average time freq per excursion remains	
below 49.97	0:07:11
above 50.03	0:04:05

No. of hours freq outside 49.9-50.05 Hz	8:51:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)