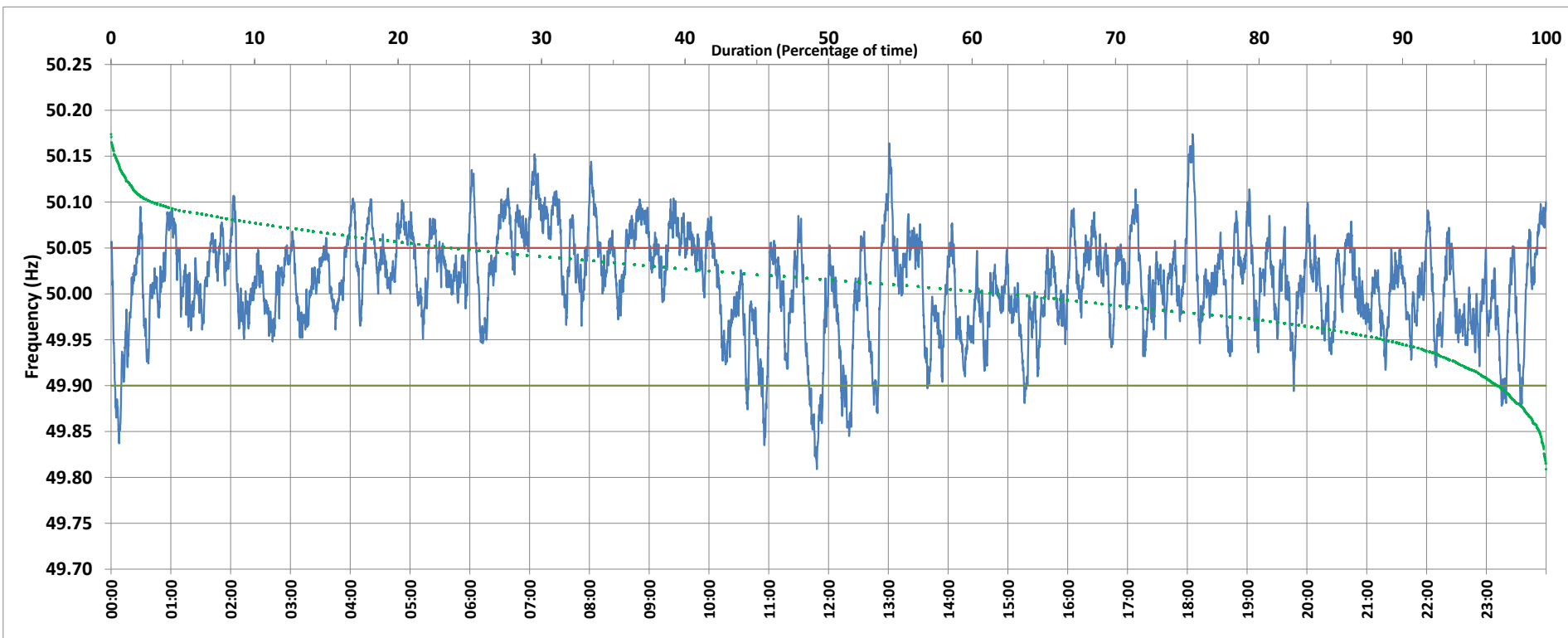


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jul-2019 (Saturday)



<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	3.25	18.68	0.00	3.25	33.61	60.12	3.02	73.07	100.00	43.48	21.34	61.83	37.84	23.68	0.00	11.00	65.32	7.74

Average Frequency : 50.012	Frequency Variation Index : 0.0299	Standard Deviation : 0.0532	Mileage: 45.6	FDI: 26.9
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Instantaneous Frequency		
Max	50.174	18:05:10
Min	49.809	11:48:10

15 minute Average Frequency		
Max	50.108	7:15:00
Min	49.900	12:00:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	105
above 50.00 Hz	110
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:03:36

No. of hours freq outside 49.9-50.05 Hz	6:27:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)