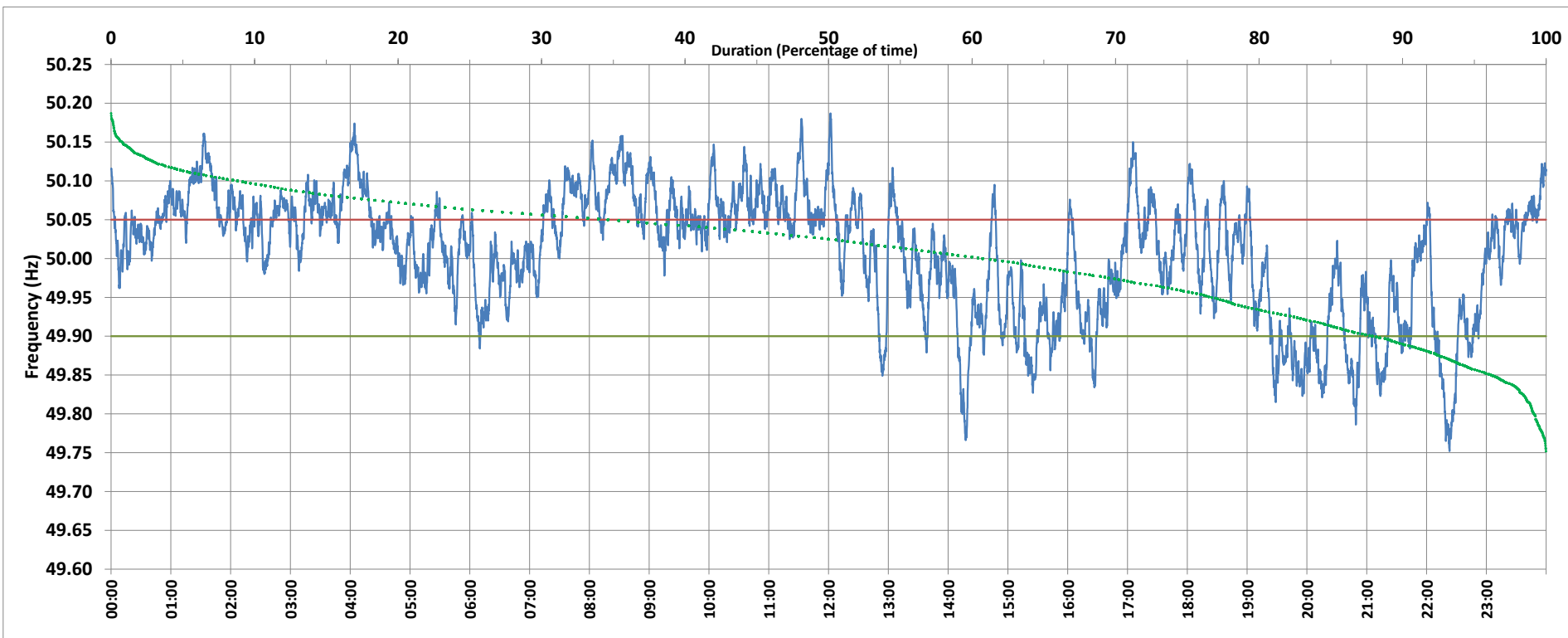


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jul-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	11.83	28.72	0.79	11.04	26.90	52.12	9.16	53.56	100.00	23.89	26.57	60.73	47.40	34.61	0.00	23.06	42.34	11.23

Average Frequency : 50.008	Frequency Variation Index : 0.0622	Standard Deviation : 0.0785	Mileage: 45.2	FDI: 46.4
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Instantaneous Frequency		
Max	50.187	12:01:50
Min	49.752	22:23:00

15 minute Average Frequency		
Max	50.123	4:15:00
Min	49.801	22:30:00

No. of excursions	
above 50.03 Hz	113
below 49.97 Hz	72
above 50.00 Hz	71
below 50.00 Hz	71

Average time freq per excursion remains	
below 49.97	0:05:45
above 50.03	0:06:02

No. of hours freq outside 49.9-50.05 Hz	11:08:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)