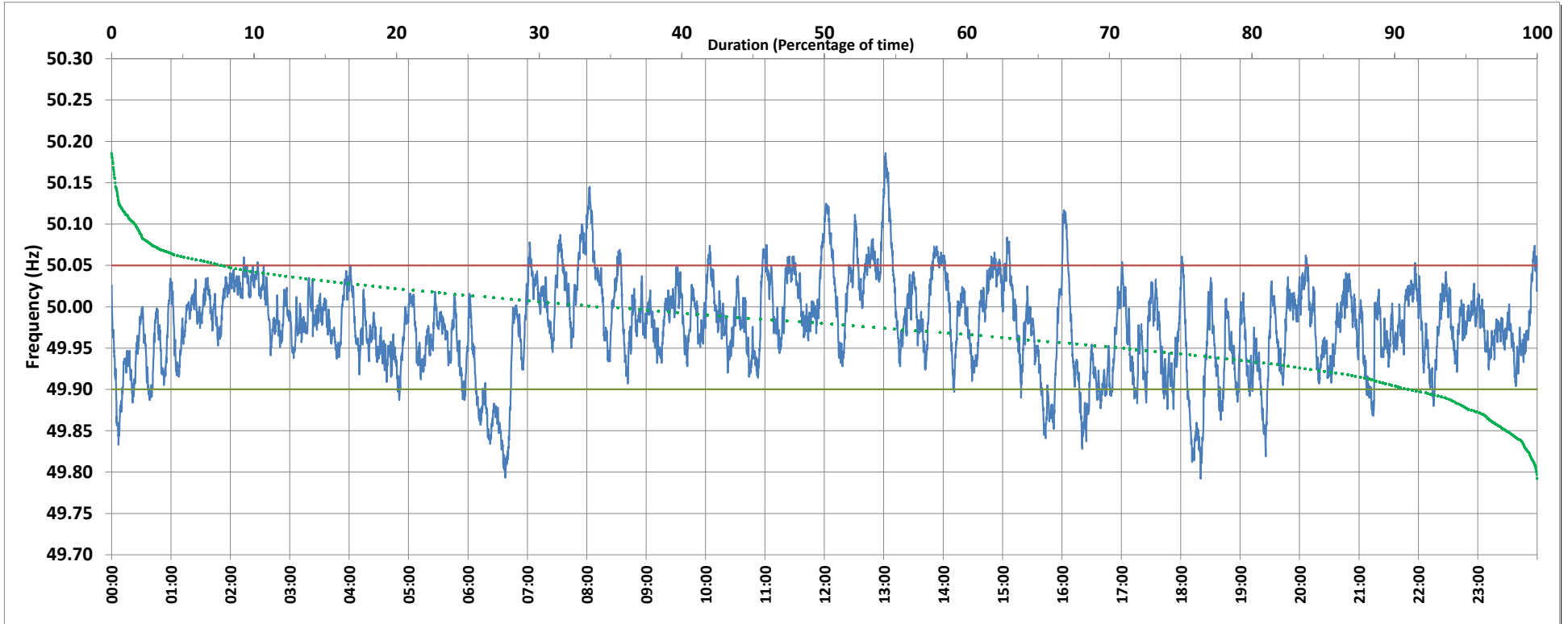


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Jul-2018 (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
0.0	8.8	41.9	0.0	8.7	55.7	33.8	1.7	83.6	100.0	42.5	6.3	34.0	15.6	7.7	0.0	28.6	63.7	19.8

Average Frequency : 49.977	Frequency Variation Index : 0.036	Standard Deviation : 0.056	Mileage: 45.4	FDI: 16.4
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Instantaneous Frequency		
Max	50.186	13:01:50
Min	49.792	18:20:20

15 minute Average Frequency		
Max	50.080	13:15:00
Min	49.848	6:45:00

No. of excursions	
above 50.03 Hz	94
below 49.97 Hz	142
above 50.00 Hz	121
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	3:56:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)