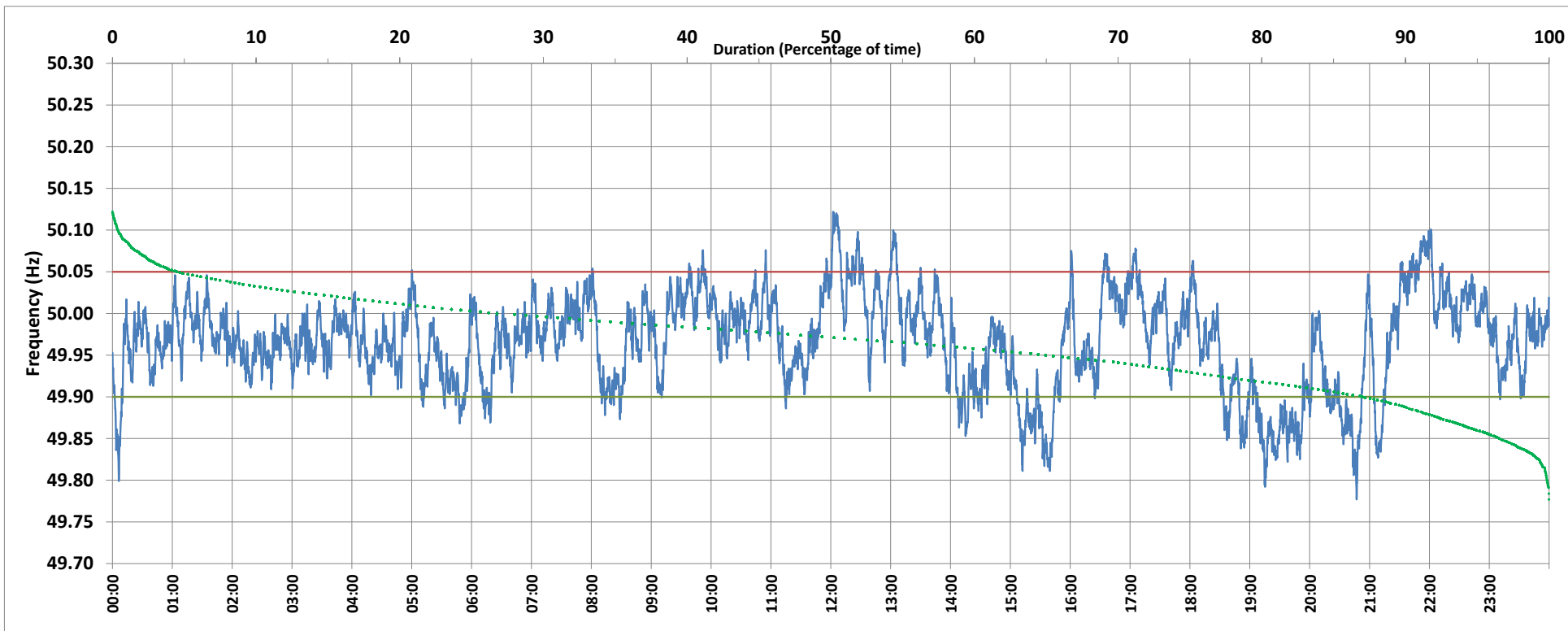


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Jul-2018 (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
0.0	12.8	48.3	0.1	12.7	59.2	27.6	0.4	82.7	100.0	40.7	4.3	26.8	11.0	4.5	0.0	34.5	61.0	21.7

Average Frequency : 49.966	Frequency Variation Index : 0.043	Standard Deviation : 0.056	Mileage: 48.6	FDI: 17.3
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Instantaneous Frequency		
Max	50.122	12:02:20
Min	49.777	20:47:10

15 minute Average Frequency		
Max	50.068	22:00:00
Min	49.842	19:30:00

No. of excursions	
above 50.03 Hz	86
below 49.97 Hz	166
above 50.00 Hz	118
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:04:11
above 50.03	0:01:51

No. of hours freq outside 49.9-50.05 Hz	4:09:00
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Source : THRISSUR:Frequency 10 Sec. (8640 samples)