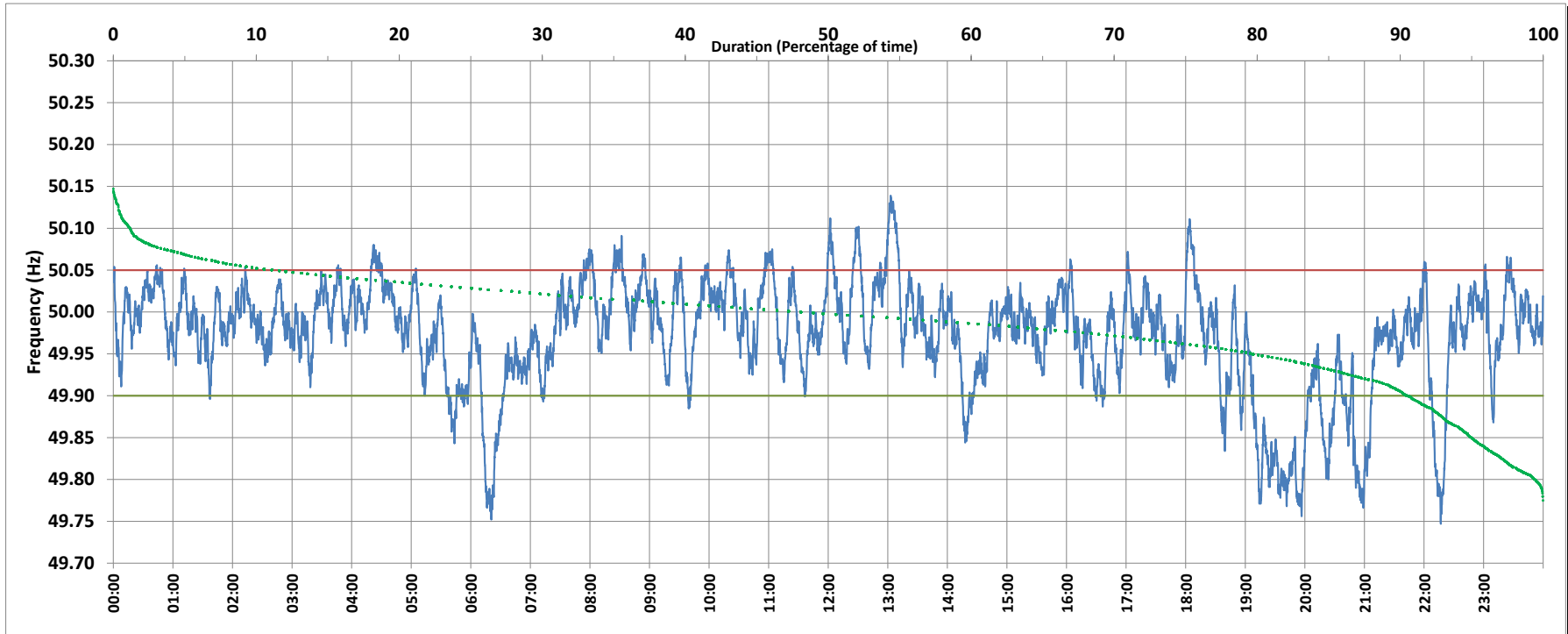


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jul-2018 (Monday)



<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	12.2	39.5	2.8	9.4	51.4	35.7	0.7	81.3	100.0	45.8	6.2	34.9	14.7	6.5	0.0	27.5	66.0	15.3

Average Frequency : 49.972	Frequency Variation Index : 0.050	Standard Deviation : 0.065	Mileage: 43.5	FDI: 18.7
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Instantaneous Frequency		
Max	50.139	13:02:50
Min	49.747	22:16:50

15 minute Average Frequency		
Max	50.080	13:15:00
Min	49.801	20:00:00

No. of excursions	
above 50.03 Hz	89
below 49.97 Hz	137
above 50.00 Hz	118
below 50.00 Hz	100

Average time freq per excursion remains	
below 49.97	0:04:09
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	4:29:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)