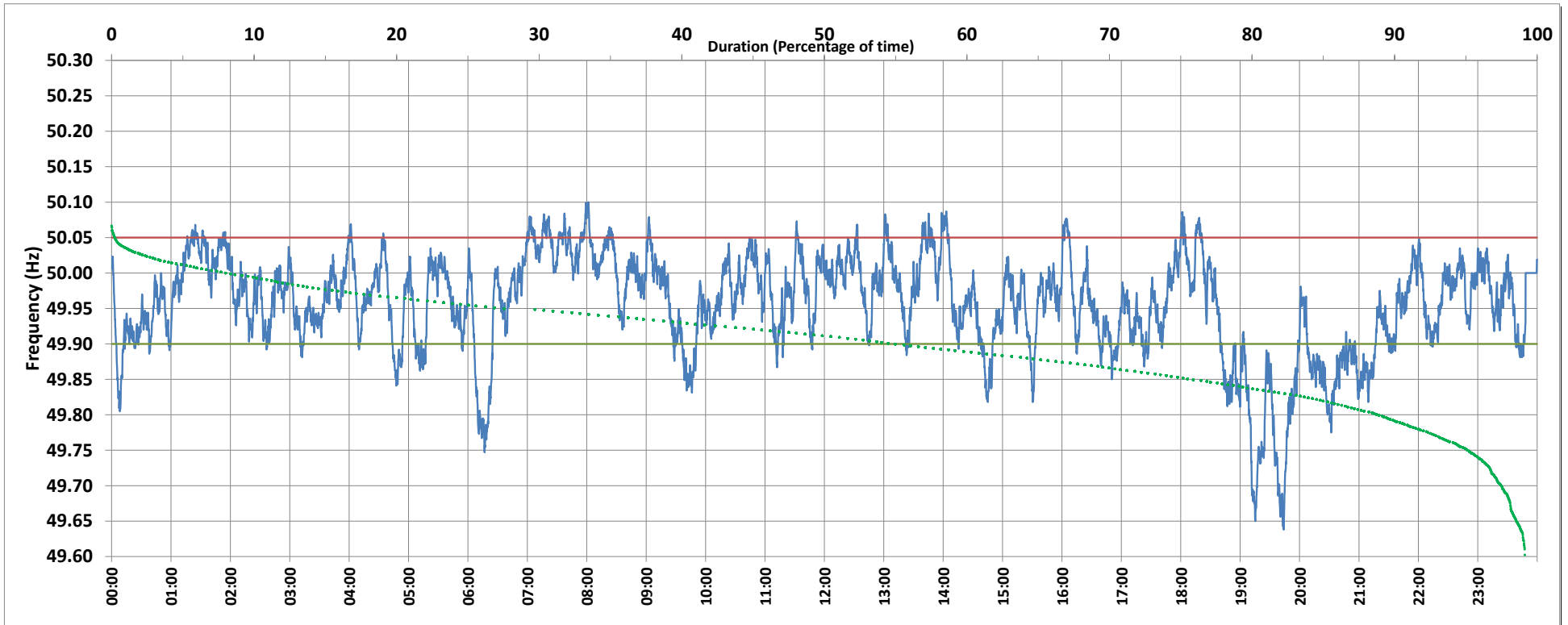


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jul-2018 (Wednesday)



<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
0.9	18.4	51.4	2.2	15.4	51.9	29.7	0.0	75.8	99.1	36.3	6.0	27.5	12.4	5.8	0.0	40.8	53.4	22.4

Average Frequency : 49.956	Frequency Variation Index : 0.069	Standard Deviation : 0.071	Mileage: 47.6	FDI: 24.2
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Instantaneous Frequency		
Max	50.100	8:01:30
Min	49.638	19:44:00

15 minute Average Frequency		
Max	50.048	7:45:00
Min	49.732	19:45:00

No. of excursions	
above 50.03 Hz	60
below 49.97 Hz	118
above 50.00 Hz	92
below 50.00 Hz	98

Average time freq per excursion remains	
below 49.97	0:06:16
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	5:48:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)