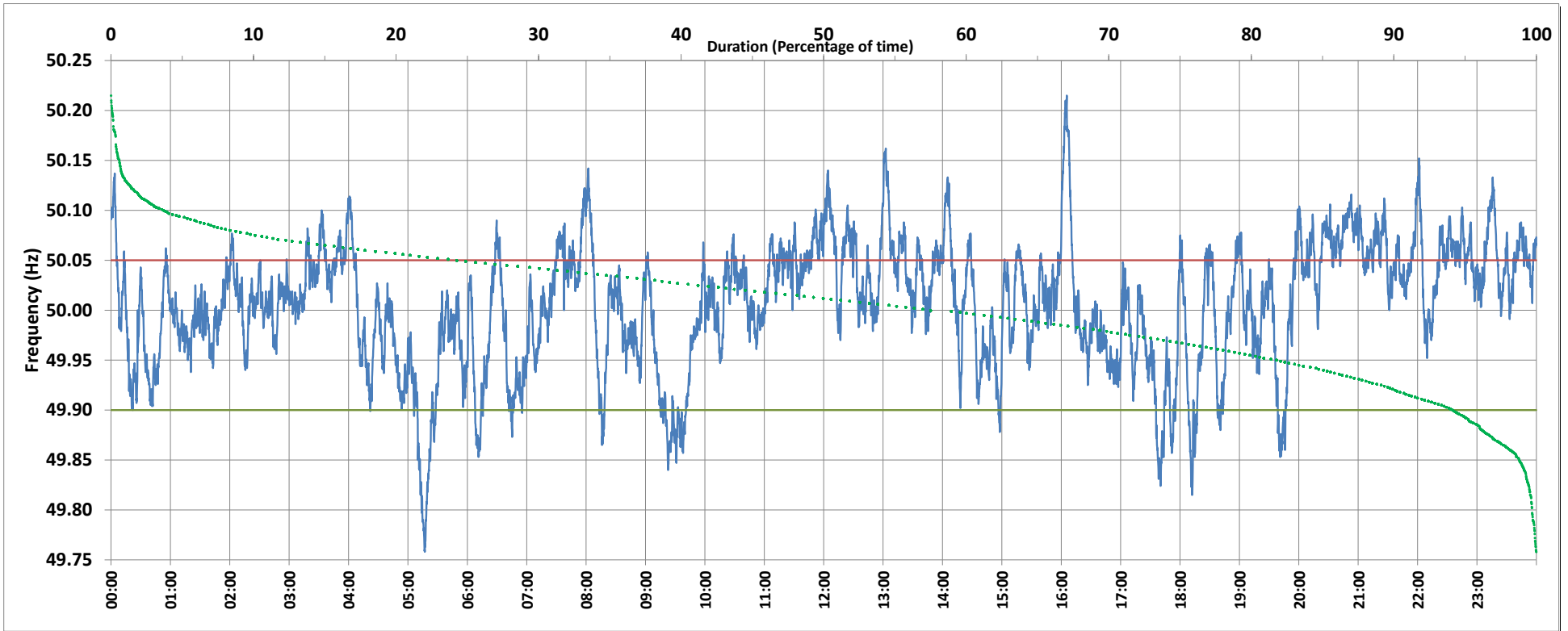


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Jul-2019 (Friday)



<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	5.79	25.69	0.30	5.49	35.27	55.13	3.74	69.98	99.92	36.18	21.18	57.49	38.13	24.24	0.08	17.94	57.82	12.15

Average Frequency : 50.006	Frequency Variation Index : 0.0386	Standard Deviation : 0.0619	Mileage: 46.4	FDI: 30.0
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Instantaneous Frequency		
Max	50.215	16:05:30
Min	49.758	5:17:00

15 minute Average Frequency		
Max	50.114	16:15:00
Min	49.851	5:30:00

No. of excursions	
above 50.03 Hz	121
below 49.97 Hz	89
above 50.00 Hz	112
below 50.00 Hz	104

Average time freq per excursion remains	
below 49.97	0:04:09
above 50.03	0:04:32

No. of hours freq outside 49.9-50.05 Hz	7:12:20
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Source : SOMANAHALLI:Frequency 10 Sec. (8640 samples)