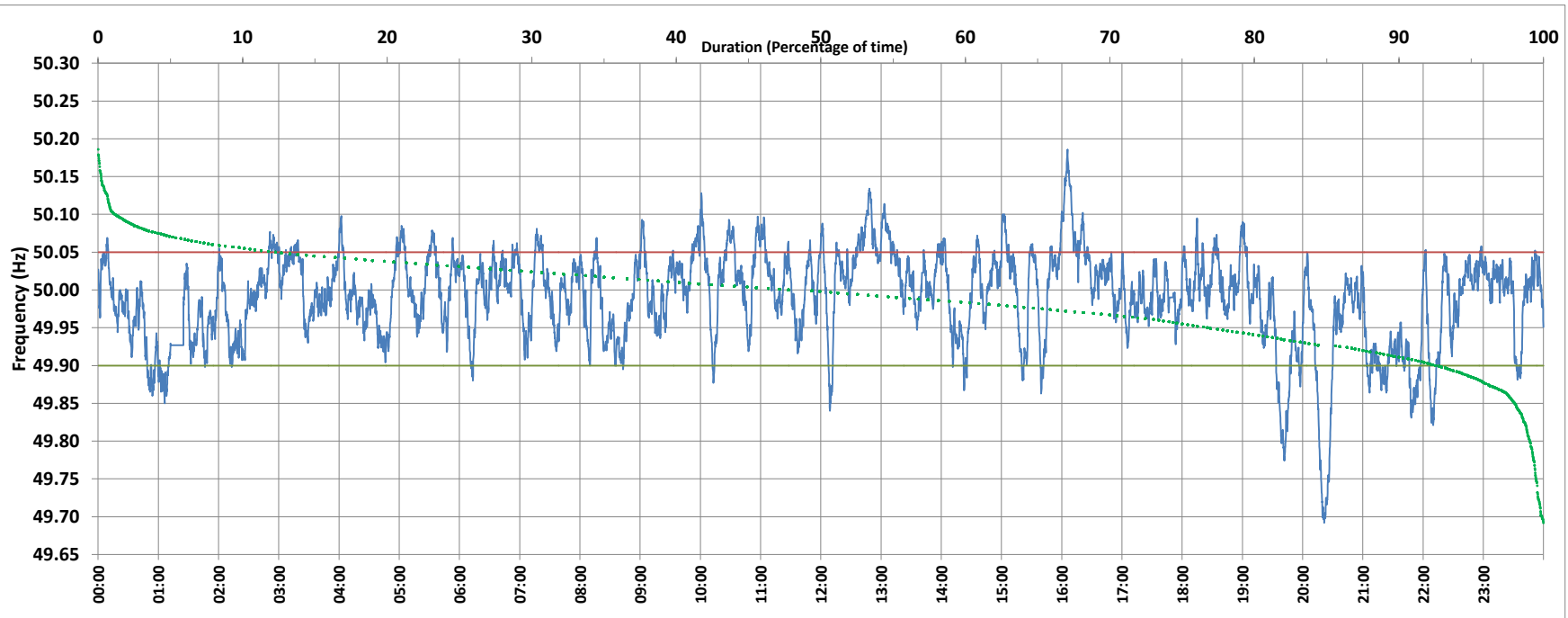


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jul-2020 (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
0.10	7.22	31.13	0.83	6.28	43.40	48.14	1.24	80.51	99.90	43.23	11.52	47.75	25.64	12.27	0.00	23.03	64.70	15.81

Average Frequency : 49.990	Frequency Variation Index : 0.0375	Standard Deviation : 0.0604	Mileage: 43.8	FDI: 19.5
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Instantaneous Frequency	
Max	50.186 16:05:40
Min	49.692 20:21:30

15 minute Average Frequency	
Max	50.114 16:15:00
Min	49.766 20:30:00

No. of excursions	
above 50.03 Hz	127
below 49.97 Hz	104
above 50.00 Hz	115
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:04:19
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	4:40:40
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)