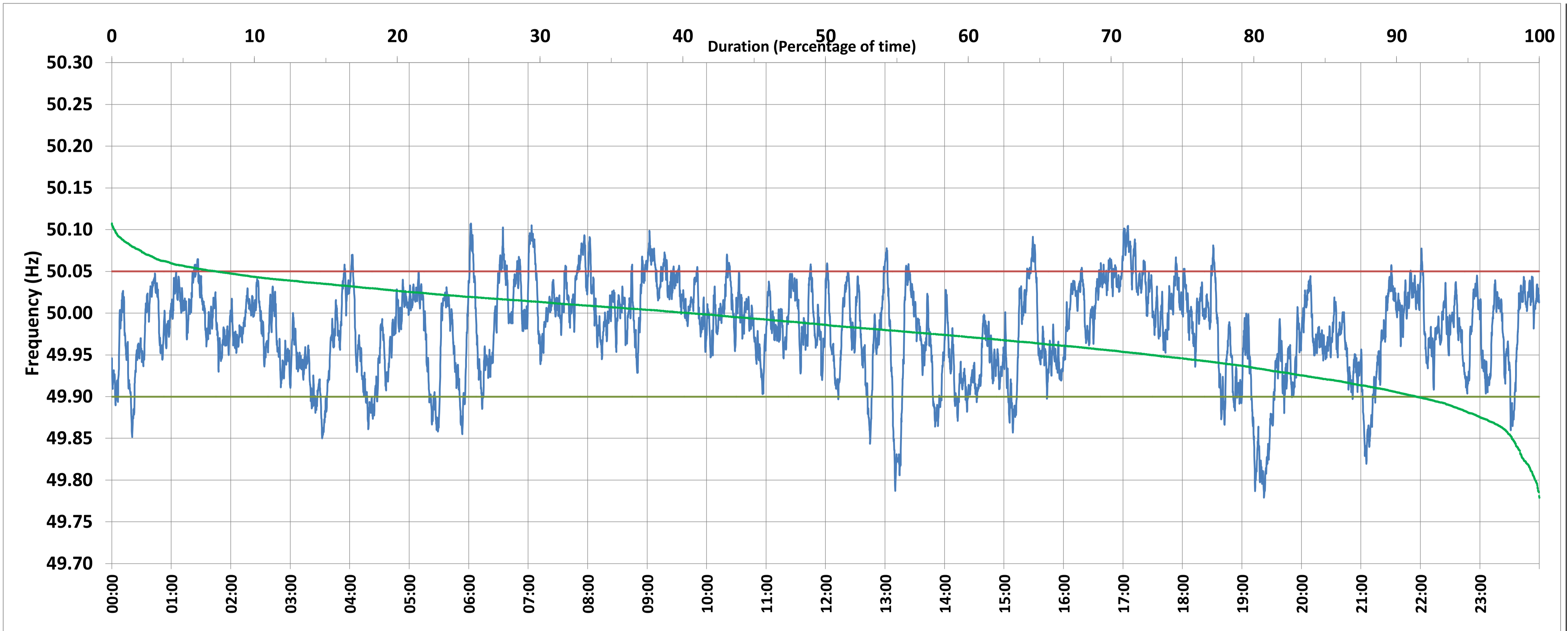


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jul-2020 (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
0.00	8.59	38.98	0.28	8.31	50.86	40.38	0.17	84.07	100.00	43.00	7.20	40.50	18.02	7.34	0.00	27.12	65.54	18.53

Average Frequency : 49.980	Frequency Variation Index : 0.0340	Standard Deviation : 0.0547	Mileage: 43.9	FDI: 15.9
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Instantaneous Frequency		
Max	50.107	6:02:20
Min	49.779	19:22:30

15 minute Average Frequency		
Max	50.072	17:15:00
Min	49.825	19:30:00

No. of excursions	
above 50.03 Hz	134
below 49.97 Hz	151
above 50.00 Hz	154
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:03:43
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	3:49:20
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)