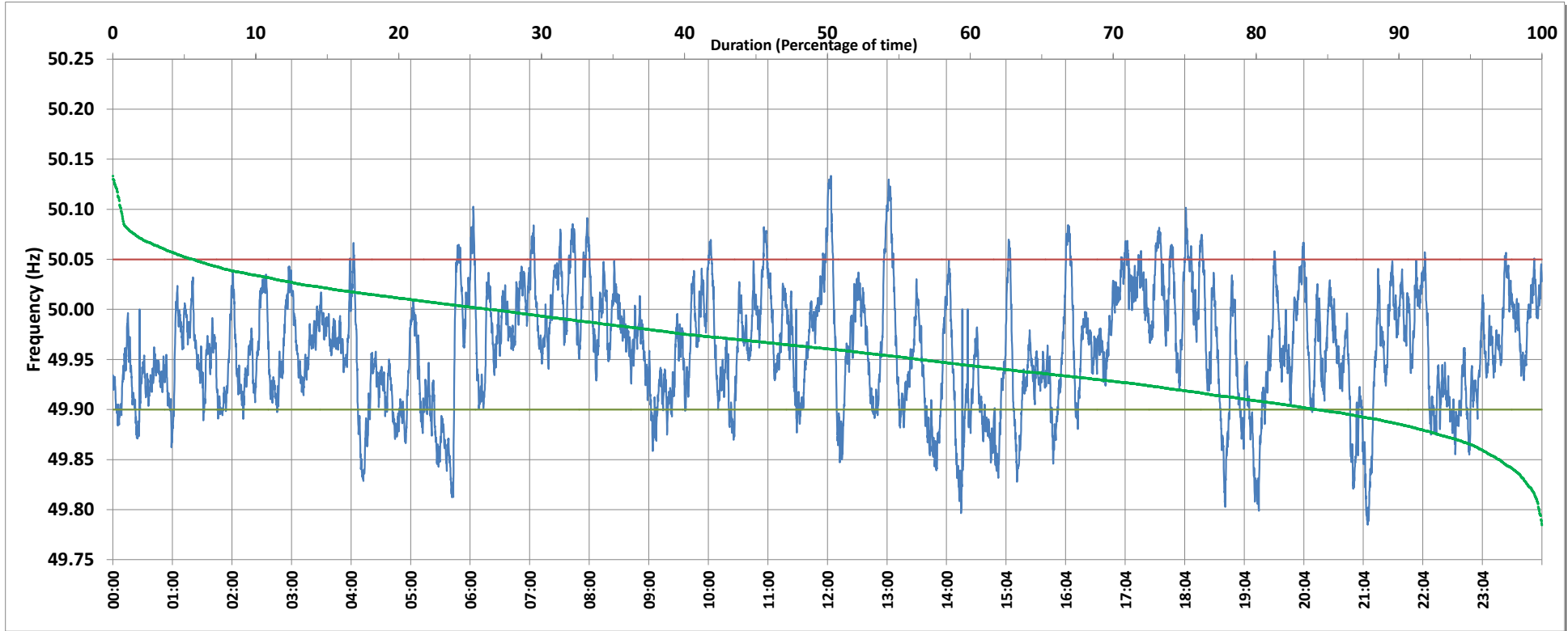


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Jul-2019 (Thursday)



<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	15.79	56.30	0.21	15.58	57.64	26.01	0.57	78.53	100.00	32.34	5.13	26.34	11.37	5.68	0.00	43.60	50.72	27.81

Average Frequency : 49.960	Frequency Variation Index : 0.0495	Standard Deviation : 0.0578	Mileage: 47.5	FDI: 21.5
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Instantaneous Frequency		
Max	50.133	12:03:30
Min	49.785	21:08:50

15 minute Average Frequency		
Max	50.034	17:15:00
Min	49.866	5:45:00

No. of excursions	
above 50.03 Hz	86
below 49.97 Hz	158
above 50.00 Hz	120
below 50.00 Hz	122

Average time freq per excursion remains	
below 49.97	0:05:08
above 50.03	0:01:54

No. of hours freq outside 49.9-50.05 Hz	5:09:10
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)