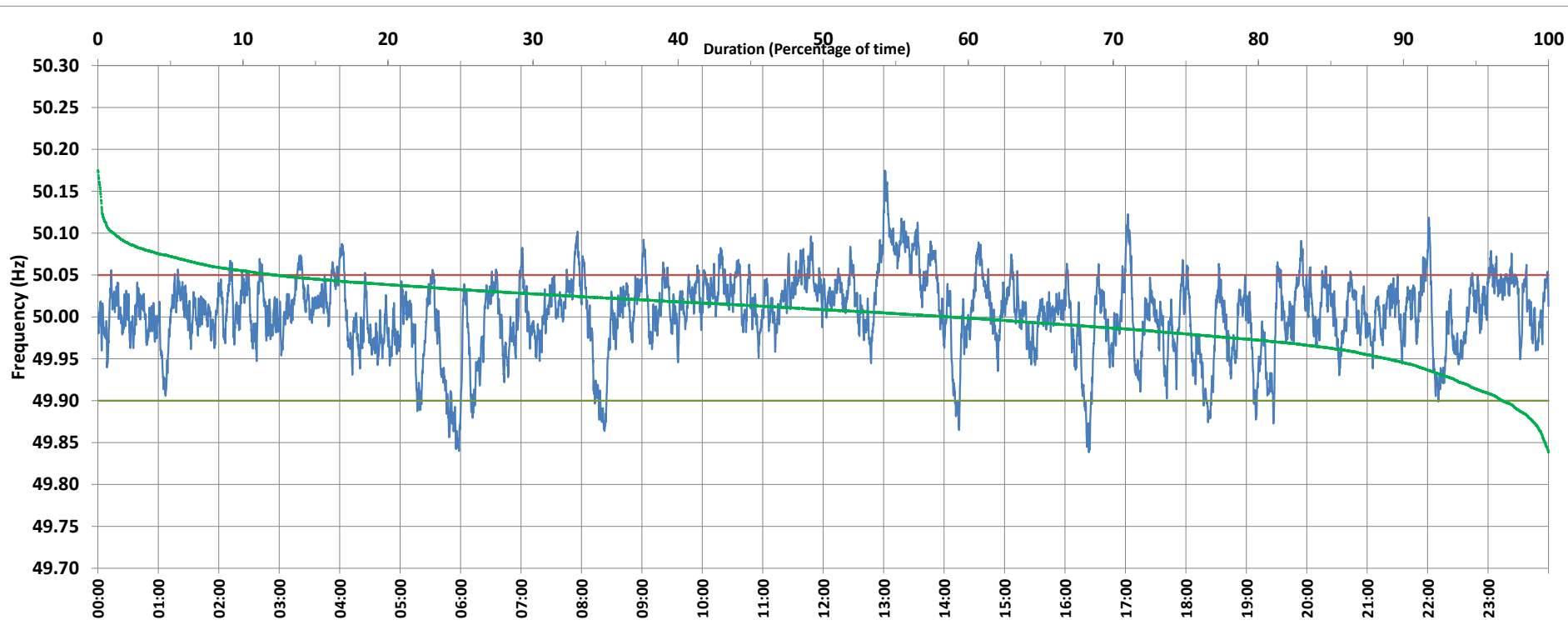


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-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
0.00	3.19	18.62	0.00	3.19	38.06	57.67	1.08	84.57	100.00	53.91	11.19	58.60	27.47	12.23	0.00	11.11	76.66	7.92

Average Frequency : 50.004	Frequency Variation Index : 0.0209	Standard Deviation : 0.0456	Mileage: 45.1	FDI: 15.4
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Instantaneous Frequency		
Max	50.175	13:00:50
Min	49.838	16:23:40

15 minute Average Frequency		
Max	50.108	13:15:00
Min	49.875	6:00:00

No. of excursions	
above 50.03 Hz	215
below 49.97 Hz	129
above 50.00 Hz	212
below 50.00 Hz	206

Average time freq per excursion remains	
below 49.97	0:02:05
above 50.03	0:01:50

No. of hours freq outside 49.9-50.05 Hz	3:42:10
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)