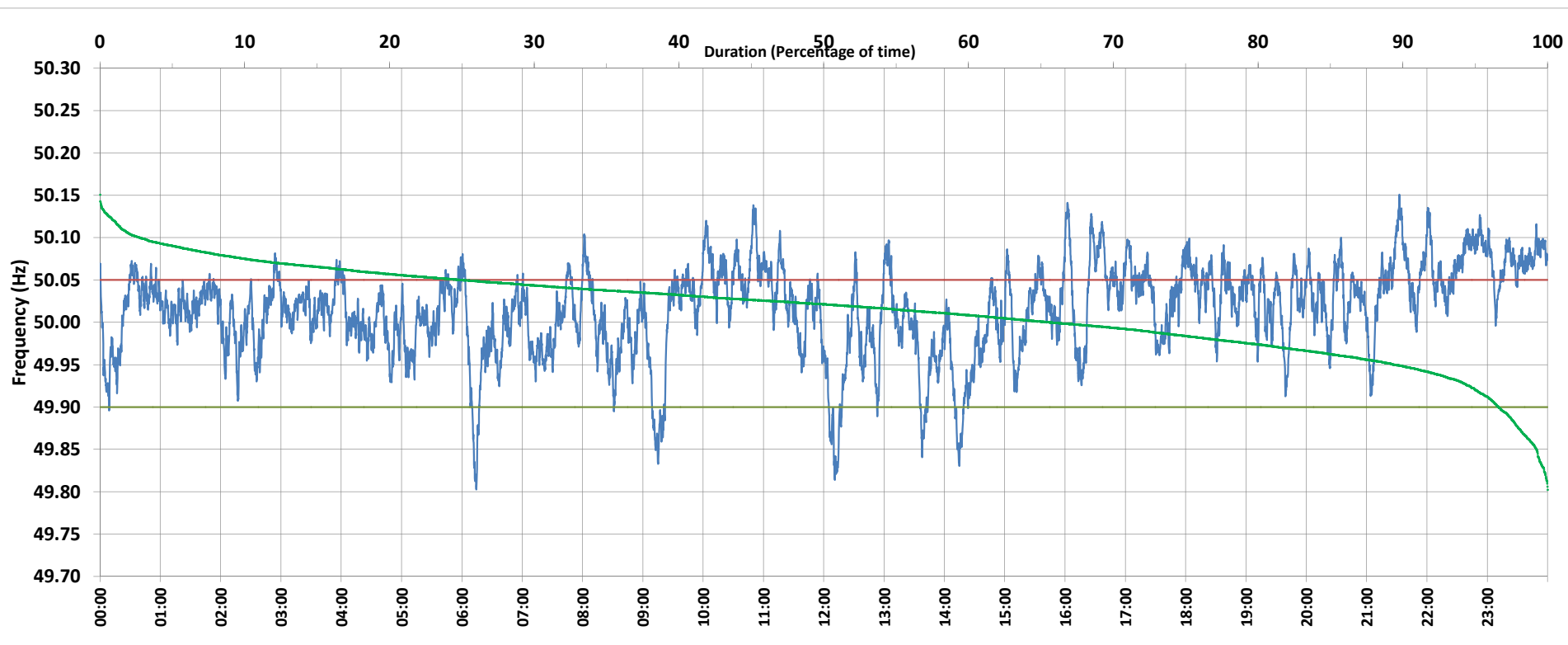


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-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	3.39	18.25	0.00	3.39	30.88	62.96	2.77	71.50	100.00	39.77	22.40	65.64	41.98	25.10	0.00	10.47	64.42	7.08

Average Frequency : 50.015	Frequency Variation Index : 0.0296	Standard Deviation : 0.0525	Mileage: 44.0	FDI: 28.5
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Instantaneous Frequency		
Max	50.151	21:32:30
Min	49.803	6:14:20

15 minute Average Frequency		
Max	50.096	23:00:00
Min	49.884	12:15:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	95
above 50.00 Hz	160
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:02:46
above 50.03	0:03:06

No. of hours freq outside 49.9-50.05 Hz	6:50:20
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)