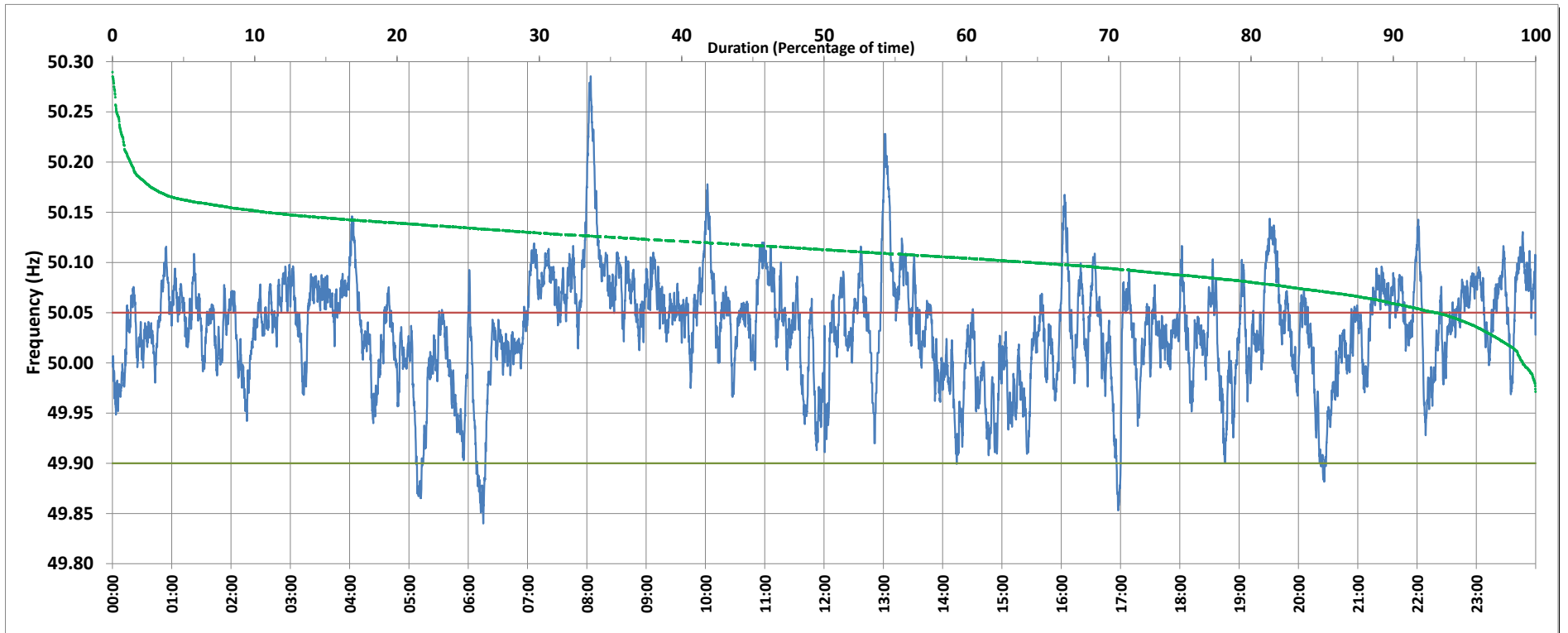


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Jul-2019 (Wednesday)



<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	1.55	11.64	0.00	1.55	21.91	69.27	6.63	59.03	99.36	31.78	32.71	76.35	56.57	39.42	0.64	6.94	53.63	5.39

Average Frequency : 50.033	Frequency Variation Index : 0.0405	Standard Deviation : 0.0542	Mileage: 44.5	FDI: 41.0
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Instantaneous Frequency		
Max	50.286	8:03:50
Min	49.840	6:15:10

15 minute Average Frequency		
Max	50.185	8:15:00
Min	49.927	20:30:00

No. of excursions	
above 50.03 Hz	168
below 49.97 Hz	67
above 50.00 Hz	113
below 50.00 Hz	113

Average time freq per excursion remains	
below 49.97	0:02:30
above 50.03	0:04:51

No. of hours freq outside 49.9-50.05 Hz	9:50:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)