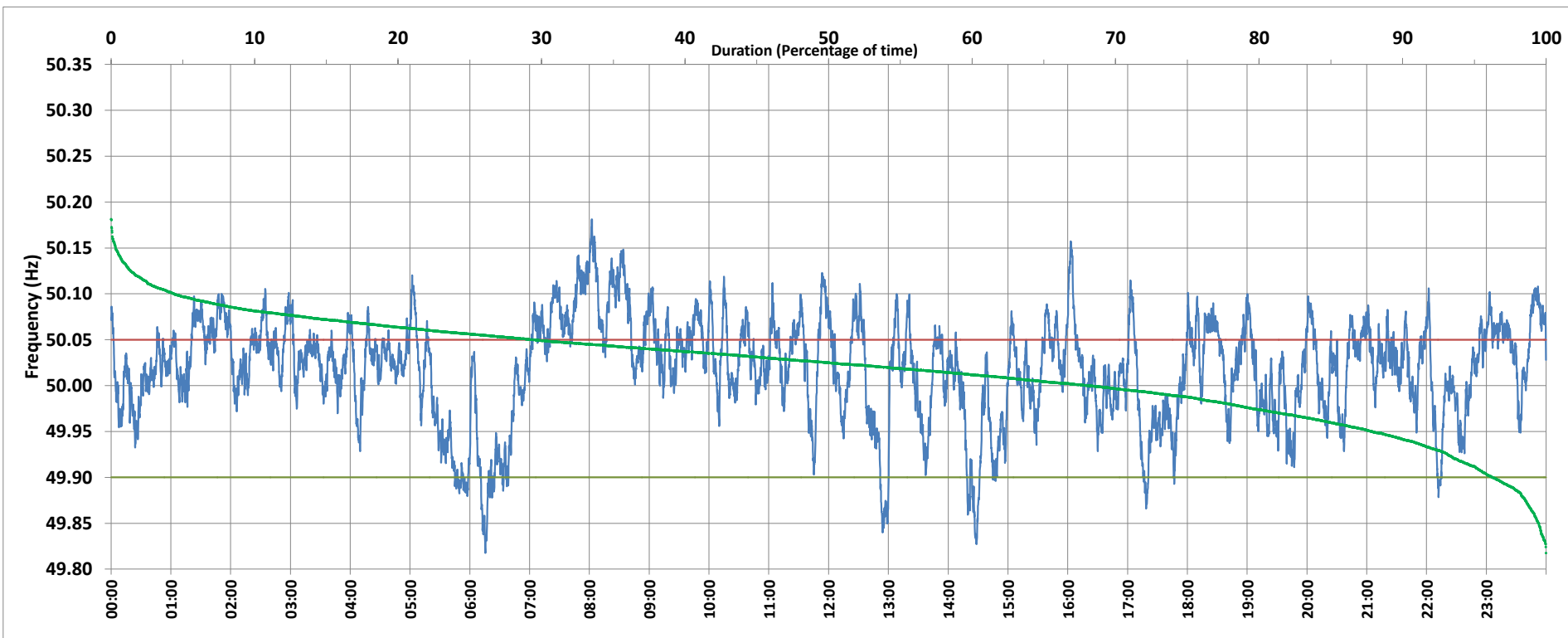


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Jul-2019 (Monday)



<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	3.70	18.59	0.00	3.70	28.13	63.76	4.41	66.85	100.00	35.60	25.15	68.09	45.81	29.44	0.00	12.09	58.46	8.39

Average Frequency : 50.018	Frequency Variation Index : 0.0342	Standard Deviation : 0.0557	Mileage: 45.4	FDI: 33.1
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Instantaneous Frequency		
Max	50.181	8:02:20
Min	49.818	6:15:30

15 minute Average Frequency		
Max	50.116	8:00:00
Min	49.893	14:30:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	91
above 50.00 Hz	143
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:03:42

No. of hours freq outside 49.9-50.05 Hz	7:57:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)