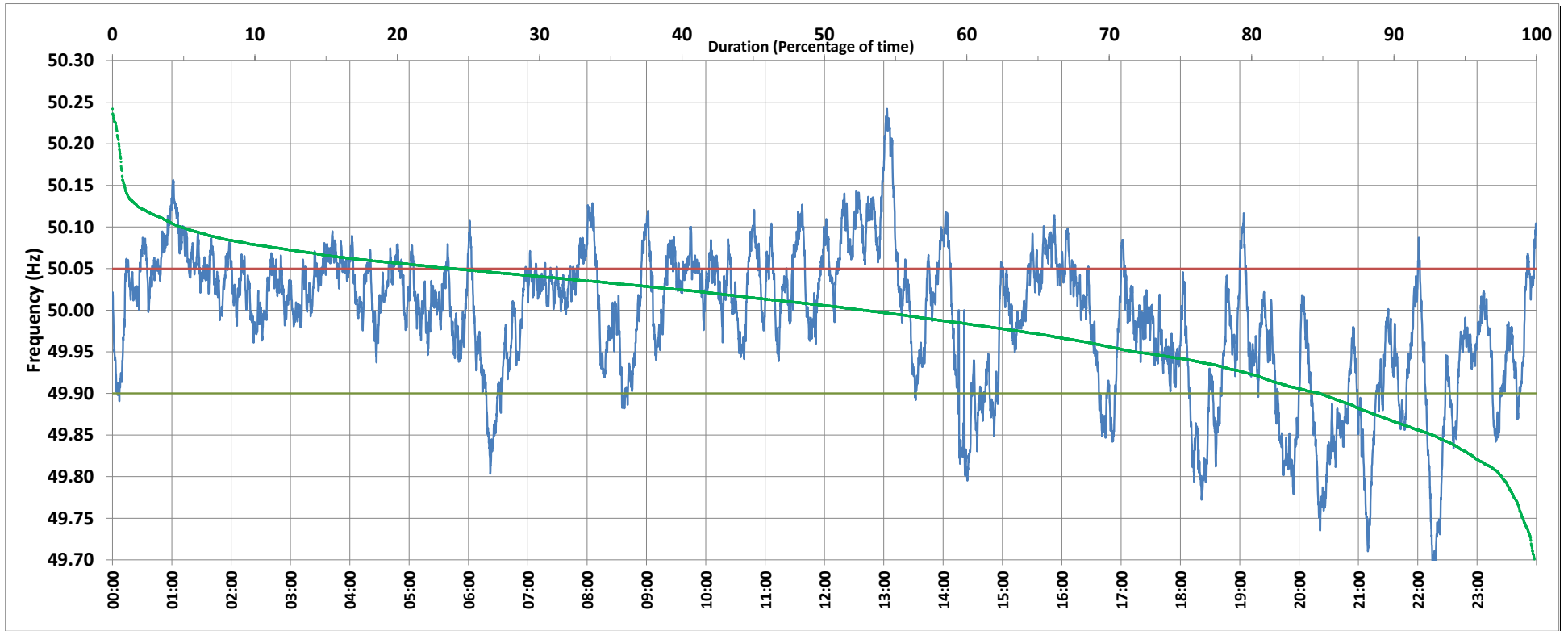


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Aug-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
0.14	15.24	34.39	2.27	12.84	31.85	48.08	4.39	60.83	99.42	28.90	19.16	52.74	36.71	23.92	0.44	28.18	47.89	12.94

Average Frequency : 49.989	Frequency Variation Index : 0.0712	Standard Deviation : 0.0837	Mileage: 48.2	FDI: 39.2
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Instantaneous Frequency		
Max	50.242	13:03:20
Min	49.689	22:17:50

15 minute Average Frequency		
Max	50.163	13:15:00
Min	49.787	22:30:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	94
above 50.00 Hz	115
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:05:16
above 50.03	0:03:43

No. of hours freq outside 49.9-50.05 Hz	9:24:00
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Source : SLPR4:Frequency 10 Sec. (8640 samples)