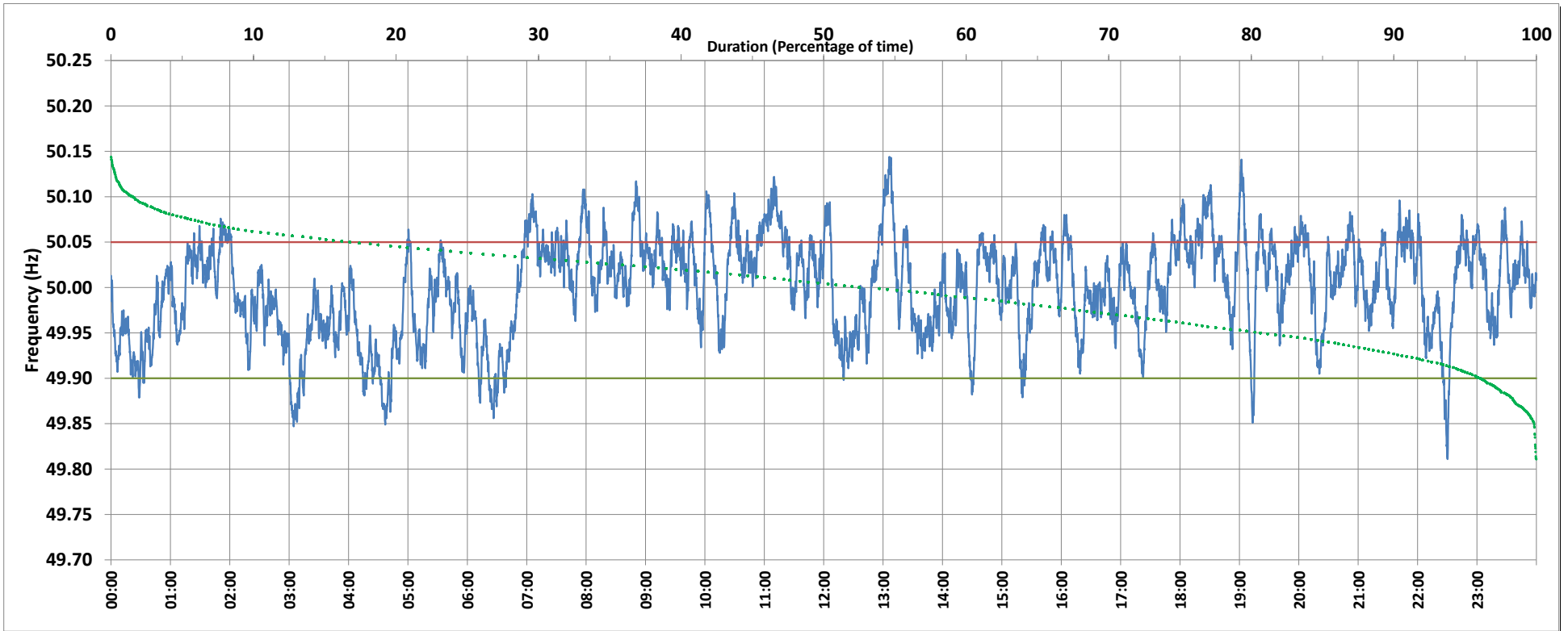


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-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
0.00	3.83	28.84	0.00	3.83	42.27	52.27	1.63	79.42	100.00	39.25	15.89	52.47	31.91	16.75	0.00	18.85	64.40	15.02

Average Frequency : 50.000	Frequency Variation Index : 0.0281	Standard Deviation : 0.0530	Mileage: 44.5	FDI: 20.6
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Instantaneous Frequency		
Max	50.144	13:06:20
Min	49.811	22:30:10

15 minute Average Frequency		
Max	50.087	13:15:00
Min	49.882	3:15:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	96
above 50.00 Hz	88
below 50.00 Hz	92

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:02:51

No. of hours freq outside 49.9-50.05 Hz	4:56:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)