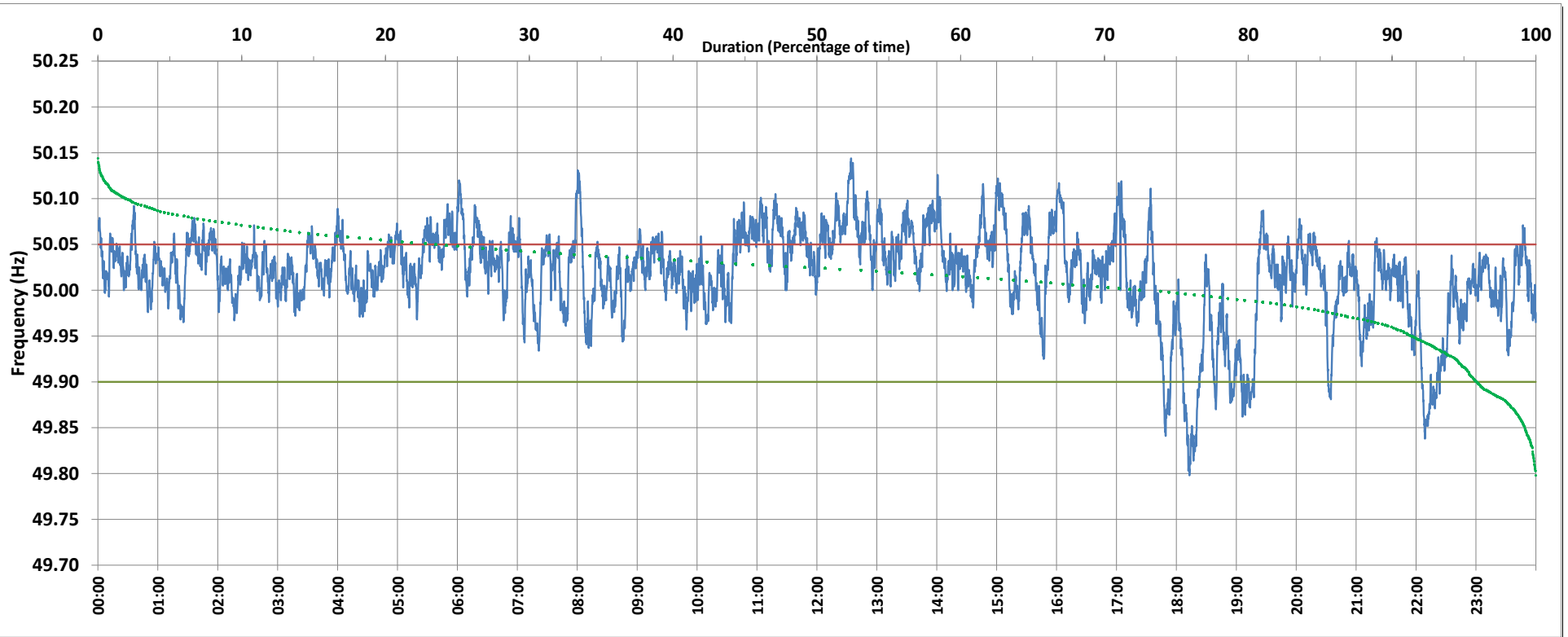


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Sep-2019 (Sunday)



<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	4.06	12.38	0.01	4.05	22.04	71.82	2.08	72.44	100.00	44.21	22.29	72.45	43.40	23.50	0.00	8.50	68.01	4.43

Average Frequency : 50.018	Frequency Variation Index : 0.0274	Standard Deviation : 0.0492	Mileage: 45.5	FDI: 27.6
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Instantaneous Frequency		
Max	50.144	12:34:10
Min	49.798	18:13:00

15 minute Average Frequency		
Max	50.092	12:45:00
Min	49.897	18:15:00

No. of excursions	
above 50.03 Hz	217
below 49.97 Hz	60
above 50.00 Hz	112
below 50.00 Hz	109

Average time freq per excursion remains	
below 49.97	0:02:58
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	6:36:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)