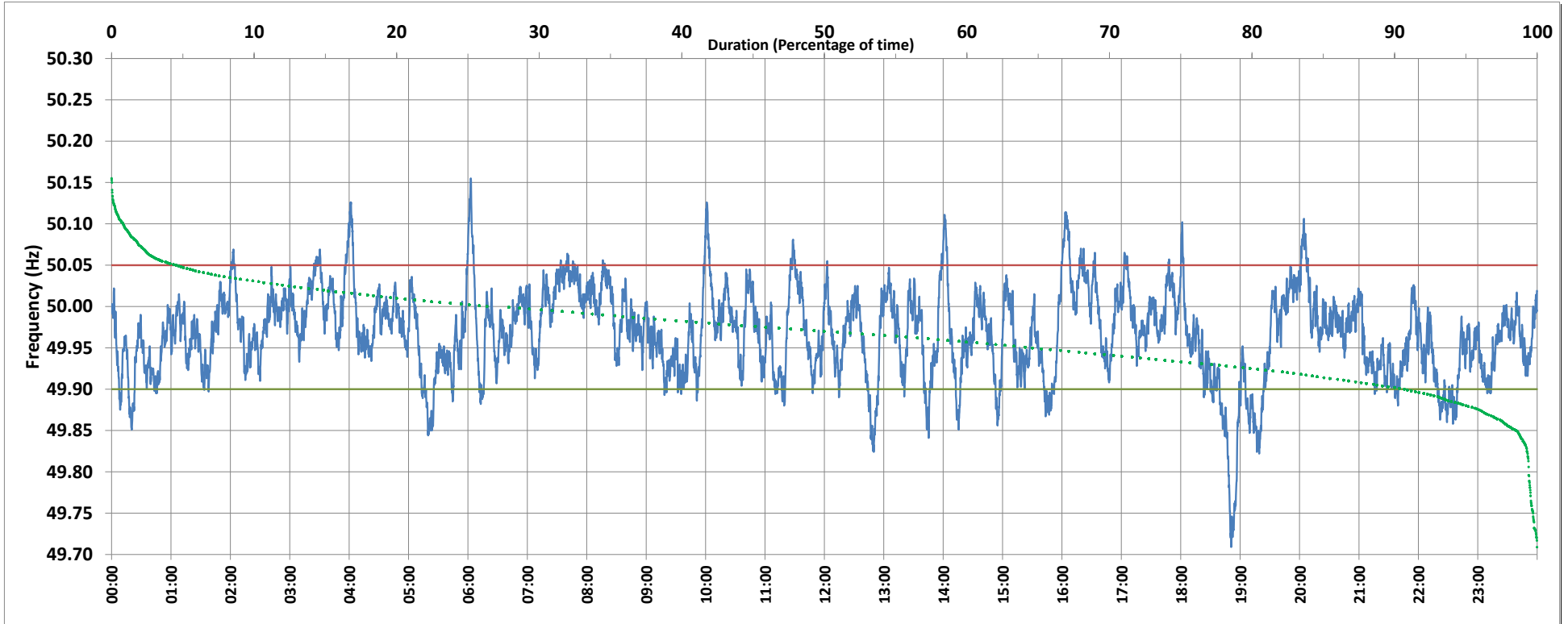


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Sep-2018 (Saturday)



<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
0.0	9.1	49.1	0.6	8.5	63.0	27.0	0.8	86.4	100.0	40.6	3.9	26.3	10.3	4.5	0.0	34.8	60.7	25.7

Average Frequency : 49.968	Frequency Variation Index : 0.038	Standard Deviation : 0.053	Mileage: 46.4	FDI: 13.6
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Instantaneous Frequency		
Max	50.155	6:02:50
Min	49.709	18:50:50

15 minute Average Frequency		
Max	50.054	16:15:00
Min	49.797	19:00:00

No. of excursions	
above 50.03 Hz	69
below 49.97 Hz	161
above 50.00 Hz	108
below 50.00 Hz	107

Average time freq per excursion remains	
below 49.97	0:04:23
above 50.03	0:02:09

No. of hours freq outside 49.9-50.05 Hz	3:16:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)