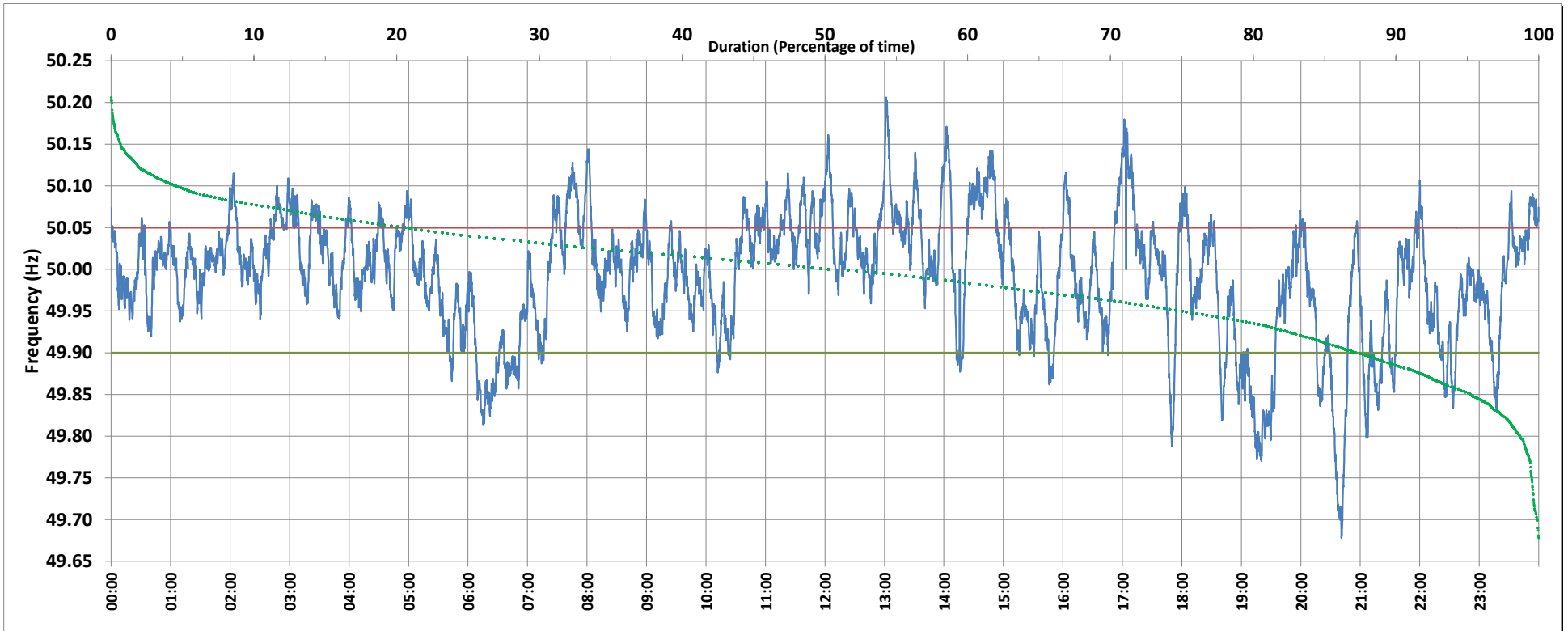


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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
0.08	12.53	33.21	1.23	11.23	35.86	46.94	4.61	66.90	99.86	36.09	16.39	50.23	30.71	20.57	0.06	24.69	54.75	12.15

Average Frequency : 49.991	Frequency Variation Index : 0.0566	Standard Deviation : 0.0747	Mileage: 47.4	FDI: 33.1
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Instantaneous Frequency		
Max	50.206	13:01:40
Min	49.678	20:41:00

15 minute Average Frequency		
Max	50.111	17:15:00
Min	49.764	20:45:00

No. of excursions	
above 50.03 Hz	119
below 49.97 Hz	99
above 50.00 Hz	95
below 50.00 Hz	100

Average time freq per excursion remains	
below 49.97	0:04:50
above 50.03	0:03:43

No. of hours freq outside 49.9-50.05 Hz	7:56:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)