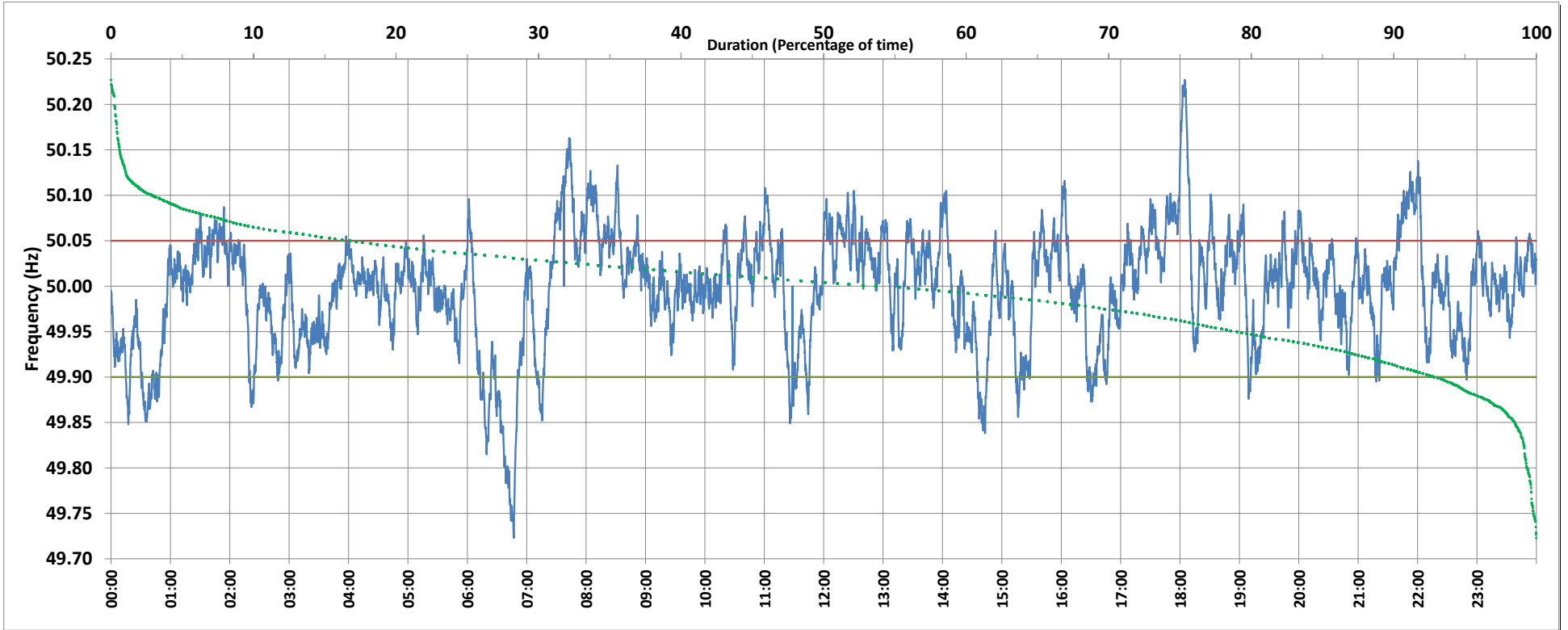


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-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	6.92	27.51	0.64	6.28	37.75	52.31	2.77	76.32	99.76	43.62	14.31	53.63	28.87	16.76	0.24	20.69	62.55	13.77

Average Frequency : 49.997	Frequency Variation Index : 0.0380	Standard Deviation : 0.0616	Mileage: 44.3	FDI: 23.7
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Instantaneous Frequency		
Max	50.227	18:04:40
Min	49.723	6:46:50

15 minute Average Frequency		
Max	50.112	7:45:00
Min	49.818	6:45:00

No. of excursions	
above 50.03 Hz	107
below 49.97 Hz	65
above 50.00 Hz	131
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:06:06
above 50.03	0:03:53

No. of hours freq outside 49.9-50.05 Hz	5:41:00
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)