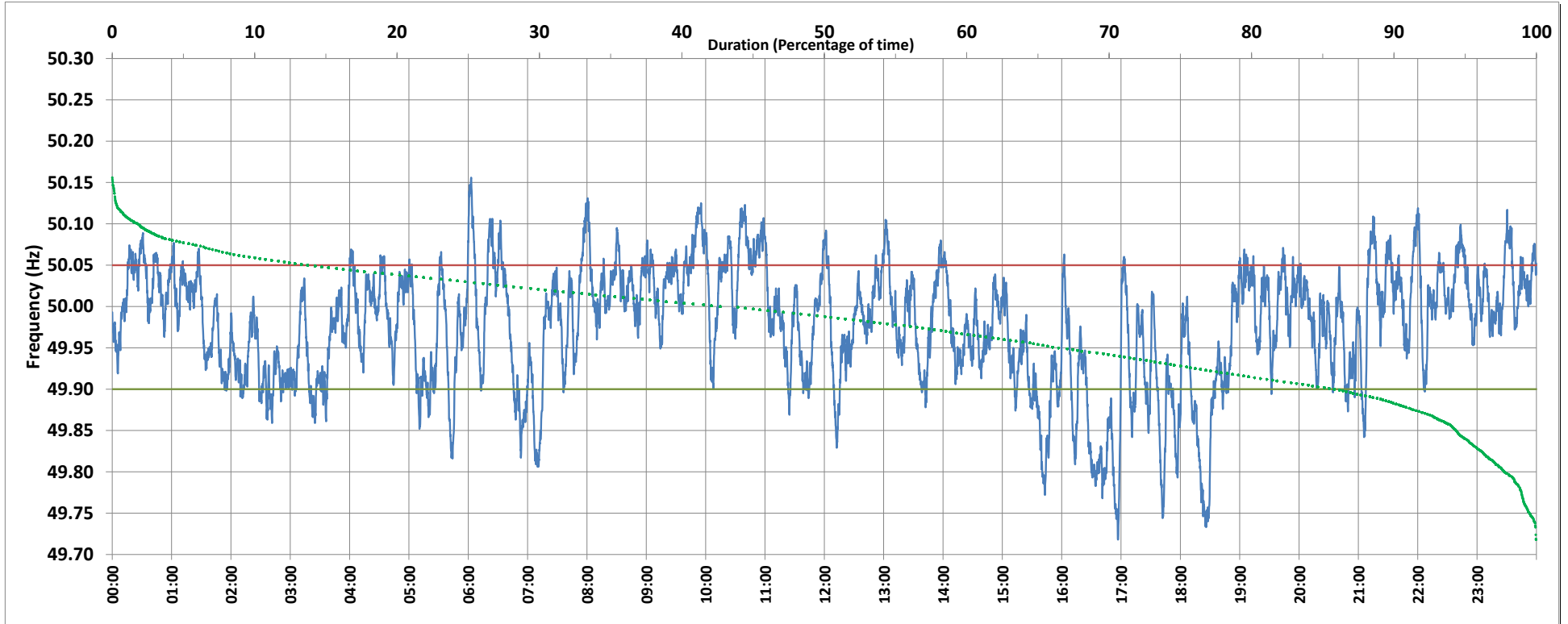


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jan-2019 (Tuesday)



<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	13.83	41.15	2.19	11.64	42.26	42.03	1.89	72.45	100.00	34.10	12.45	42.67	24.76	13.72	0.00	32.94	53.34	19.11

Average Frequency : 49.977	Frequency Variation Index : 0.0577	Standard Deviation : 0.0723	Mileage: 49.4	FDI: 27.5
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Instantaneous Frequency		
Max	50.156	6:02:50
Min	49.718	16:56:50

15 minute Average Frequency		
Max	50.089	10:00:00
Min	49.788	18:30:00

No. of excursions	
above 50.03 Hz	114
below 49.97 Hz	92
above 50.00 Hz	100
below 50.00 Hz	107

Average time freq per excursion remains	
below 49.97	0:06:26
above 50.03	0:03:08

No. of hours freq outside 49.9-50.05 Hz	6:36:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)