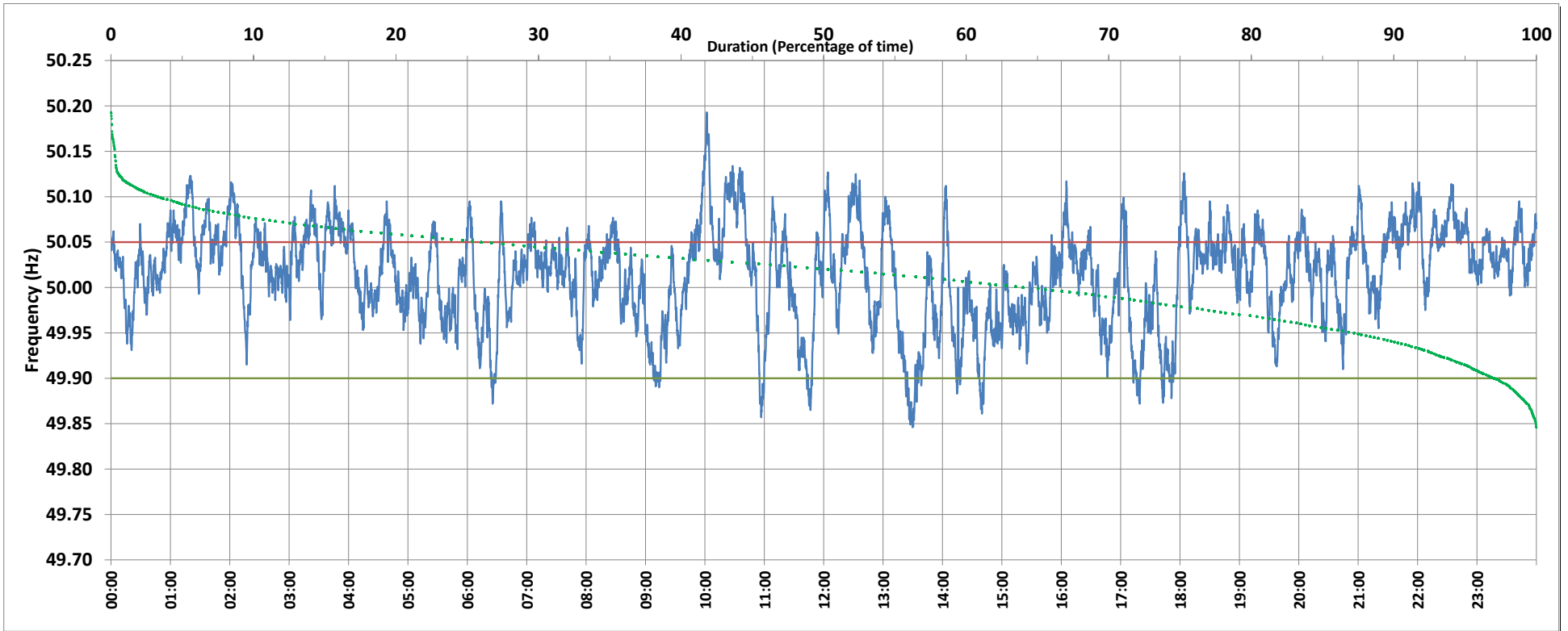


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jul-2019 (Monday)



<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	2.79	20.08	0.00	2.79	32.19	61.54	3.48	71.25	100.00	38.04	23.39	63.98	41.88	25.96	0.00	12.50	61.54	9.71

Average Frequency : 50.014	Frequency Variation Index : 0.0302	Standard Deviation : 0.0532	Mileage: 47.7	FDI: 28.8
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Instantaneous Frequency		
Max	50.193	10:01:50
Min	49.846	13:29:40

15 minute Average Frequency		
Max	50.087	10:15:00
Min	49.902	13:30:00

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	93
above 50.00 Hz	108
below 50.00 Hz	97

Average time freq per excursion remains	
below 49.97	0:03:07
above 50.03	0:03:39

No. of hours freq outside 49.9-50.05 Hz	6:54:00
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)