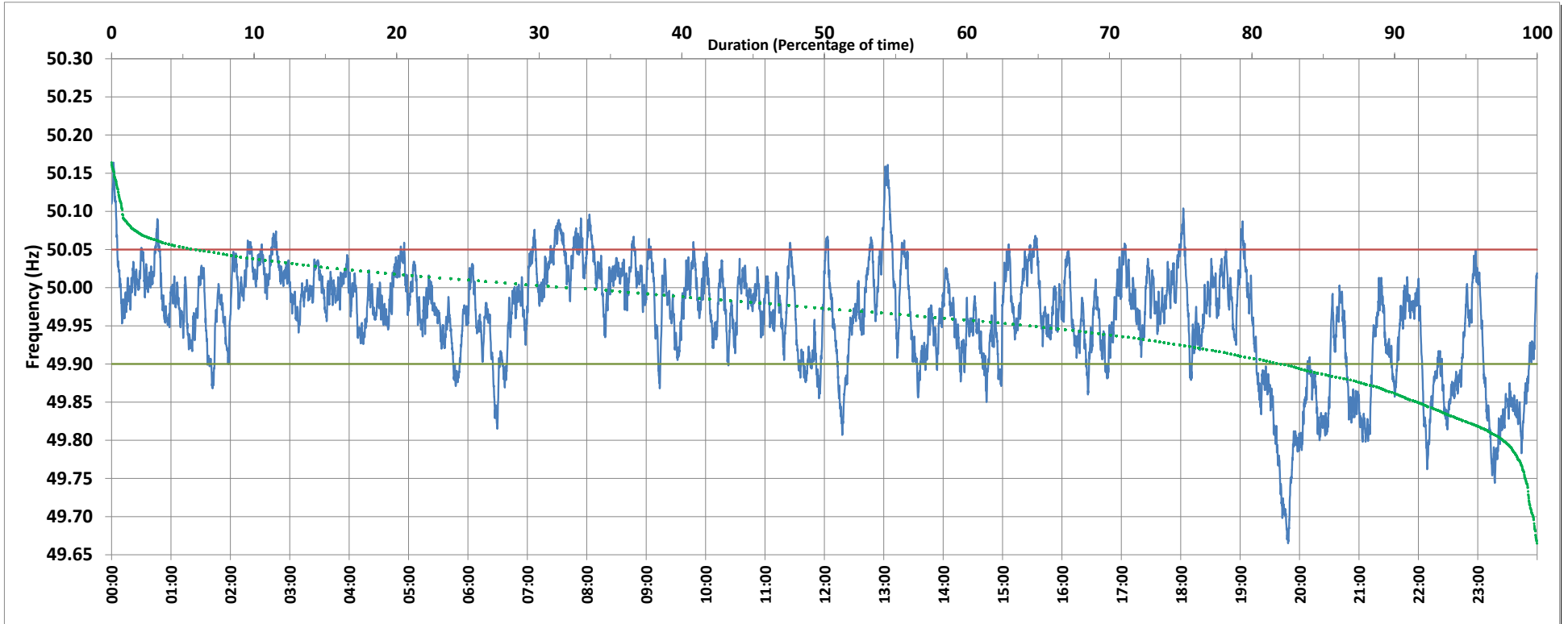


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jun-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
0.3	17.7	47.4	2.1	15.4	49.1	32.5	0.8	76.4	99.7	39.2	5.4	31.9	13.4	5.9	0.0	35.2	58.9	17.4

Average Frequency : 49.962	Frequency Variation Index : 0.064	Standard Deviation : 0.070	Mileage: 47.1	FDI: 23.6
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Instantaneous Frequency		
Max	50.164	0:01:50
Min	49.665	19:48:20

15 minute Average Frequency		
Max	50.058	13:15:00
Min	49.752	20:00:00

No. of excursions	
above 50.03 Hz	89
below 49.97 Hz	129
above 50.00 Hz	108
below 50.00 Hz	110

Average time freq per excursion remains	
below 49.97	0:05:17
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	5:40:00
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)