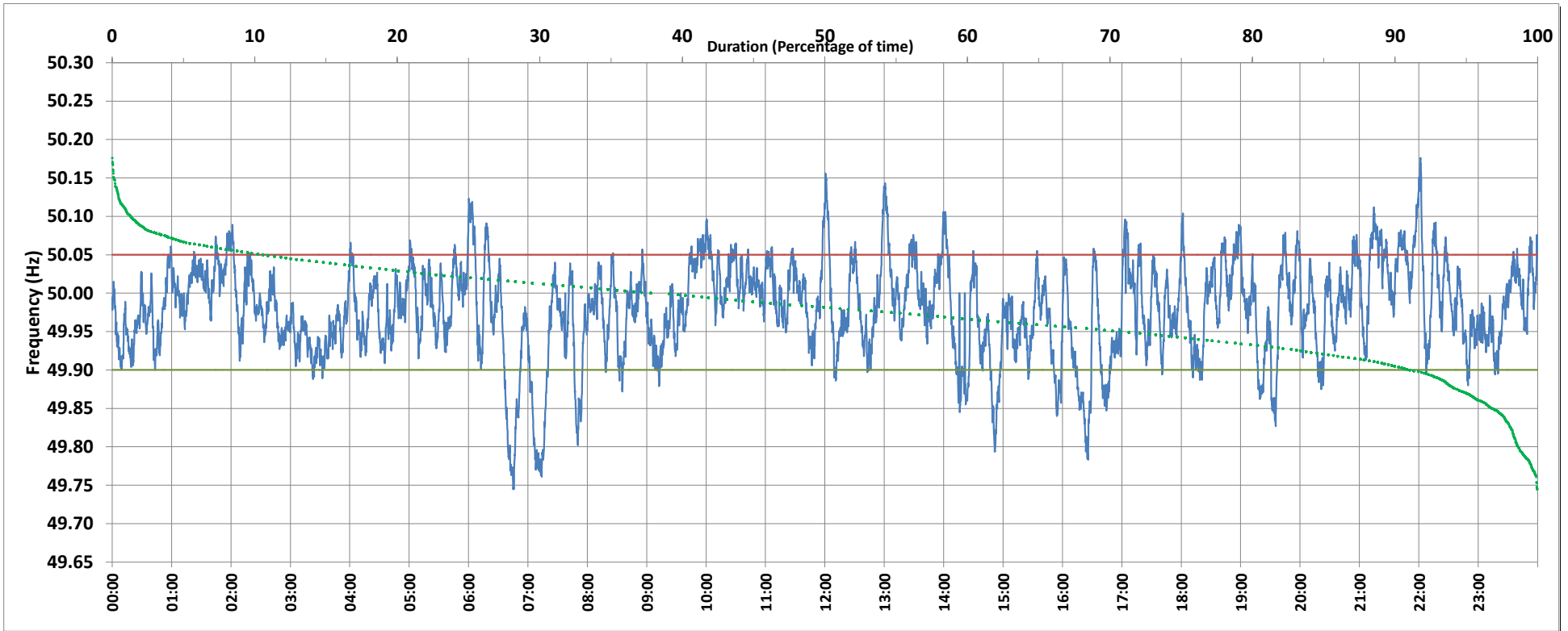


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Dec-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	8.68	41.61	1.34	7.34	52.23	37.75	1.33	80.75	100.00	38.72	9.61	37.75	19.68	10.57	0.00	28.68	60.75	20.00

Average Frequency : 49.979	Frequency Variation Index : 0.0417	Standard Deviation : 0.0610	Mileage: 52.4	FDI: 19.2
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Instantaneous Frequency		
Max	50.176	22:01:30
Min	49.745	6:45:00

15 minute Average Frequency		
Max	50.058	21:30:00
Min	49.821	7:15:00

No. of excursions	
above 50.03 Hz	126
below 49.97 Hz	152
above 50.00 Hz	103
below 50.00 Hz	107

Average time freq per excursion remains	
below 49.97	0:03:57
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	4:37:10
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Source : KOLAR:Frequency 10 Sec. (8640 samples)