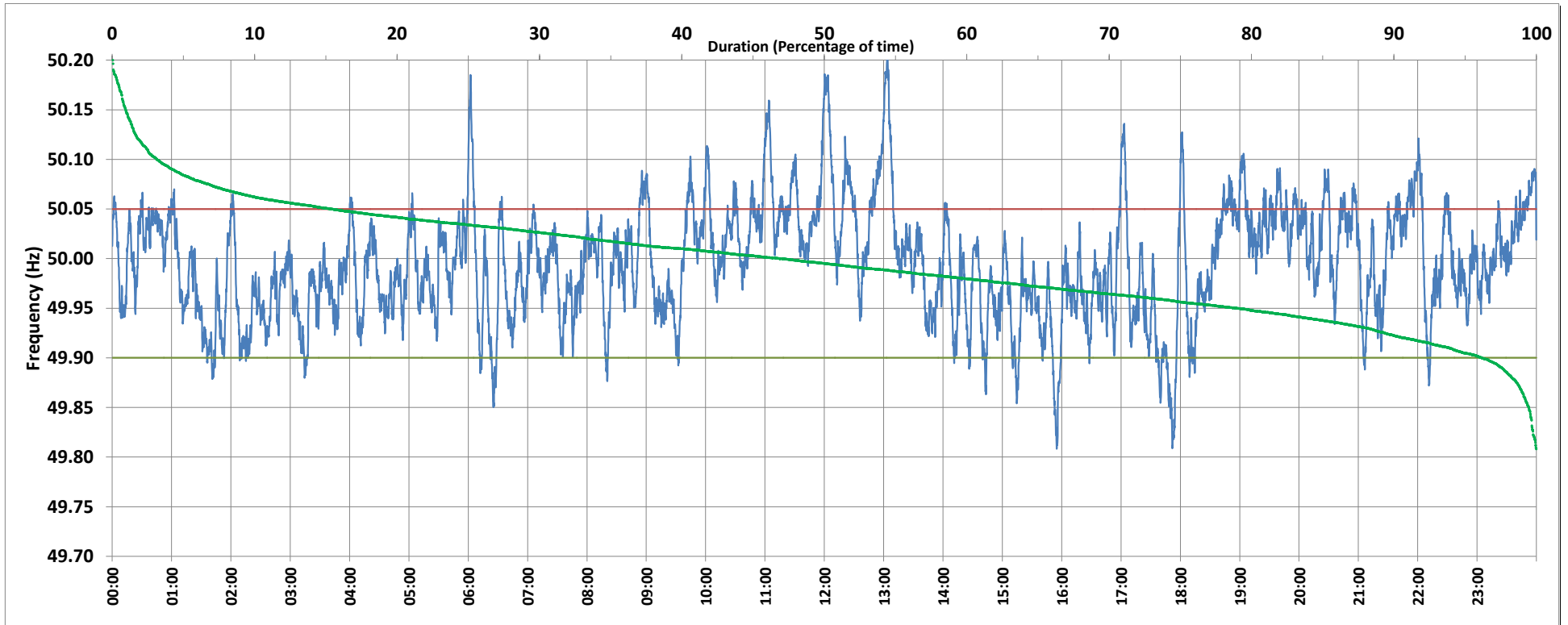


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Nov-2018 (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	3.83	33.70	0.00	3.83	49.14	43.89	3.08	80.79	99.94	38.48	12.31	46.88	27.81	15.38	0.06	20.95	63.67	17.12

Average Frequency : 49.995	Frequency Variation Index : 0.0322	Standard Deviation : 0.0565	Mileage: 46.0	FDI: 19.2
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Instantaneous Frequency		
Max	50.211	13:03:50
Min	49.808	15:55:00

15 minute Average Frequency		
Max	50.101	13:15:00
Min	49.895	18:00:00

No. of excursions	
above 50.03 Hz	141
below 49.97 Hz	145
above 50.00 Hz	147
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:03:21
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	4:36:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)