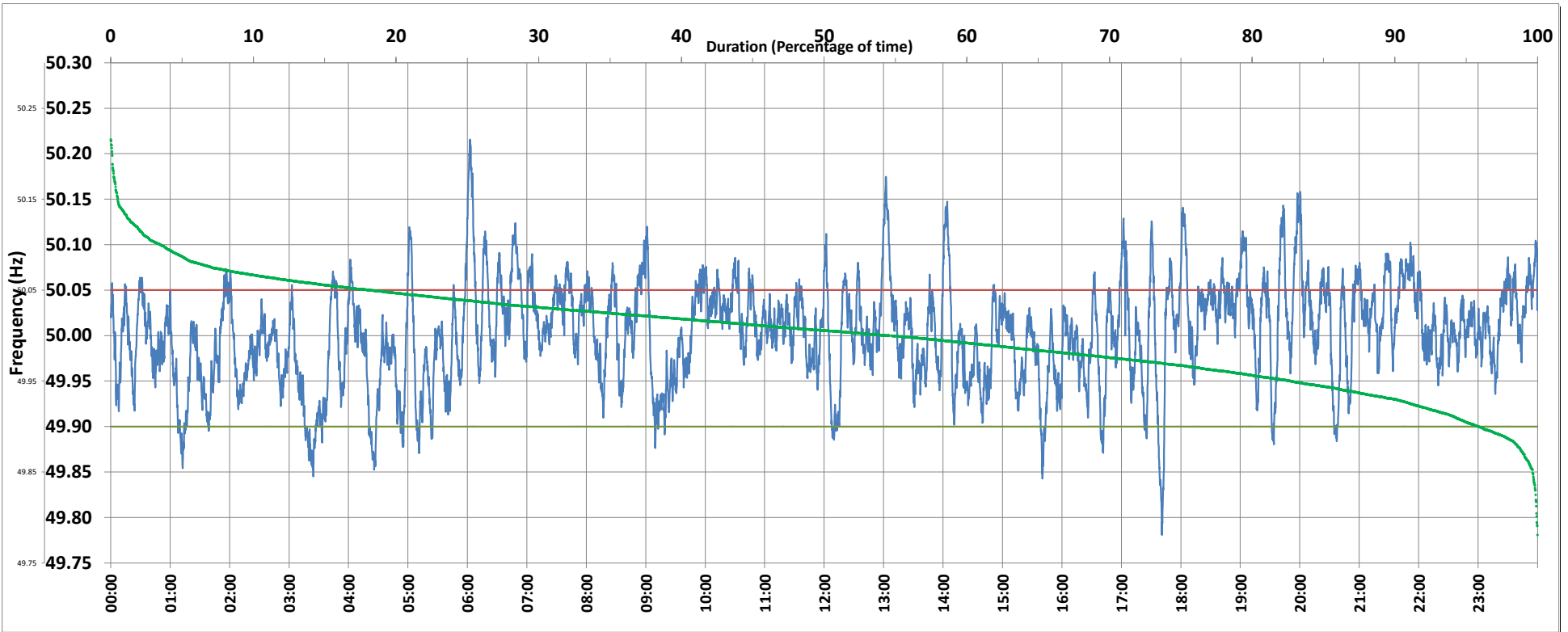


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Nov-2019 (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
0.00	4.11	26.44	0.06	4.05	41.18	51.23	3.38	77.75	99.90	42.72	14.71	54.51	30.84	18.14	0.10	17.28	64.58	13.17

Average Frequency : 50.002	Frequency Variation Index : 0.0305	Standard Deviation : 0.0551	Mileage: 49.2	FDI: 22.2
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Instantaneous Frequency		
Max	50.216	6:02:30
Min	49.781	17:40:50

15 minute Average Frequency		
Max	50.077	6:15:00
Min	49.886	3:30:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	132
above 50.00 Hz	182
below 50.00 Hz	179

Average time freq per excursion remains	
below 49.97	0:02:53
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	5:20:20
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Source : HISSAR:Frequency 10 Sec. (8640 samples)