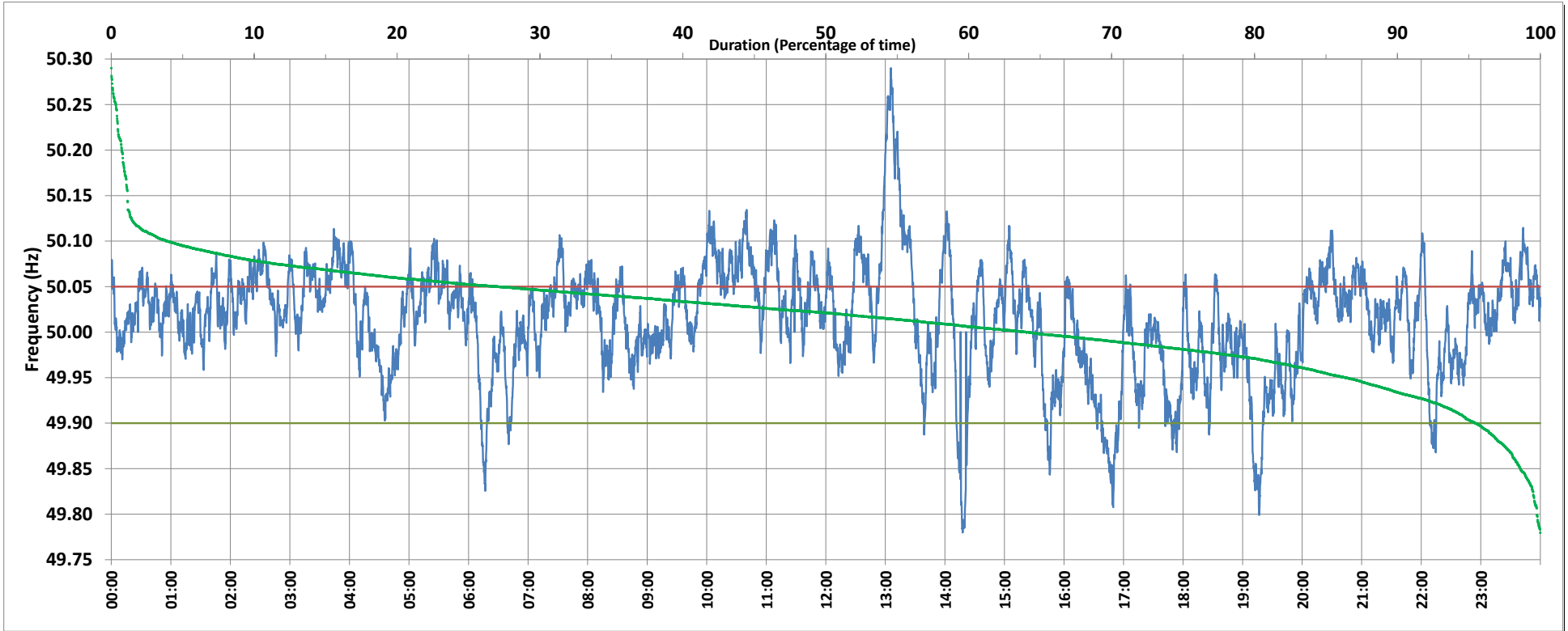


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Jul-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	4.54	19.62	0.24	4.29	31.26	60.30	3.17	68.43	99.27	37.36	23.30	64.05	43.02	27.04	0.73	13.58	59.39	9.04

Average Frequency : 50.014	Frequency Variation Index : 0.0390	Standard Deviation : 0.0609	Mileage: 47.4	FDI: 31.6
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Instantaneous Frequency		
Max	50.290	13:05:30
Min	49.780	14:17:50

15 minute Average Frequency		
Max	50.221	13:15:00
Min	49.883	17:00:00

No. of excursions	
above 50.03 Hz	173
below 49.97 Hz	92
above 50.00 Hz	140
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:03:35

No. of hours freq outside 49.9-50.05 Hz	7:34:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)