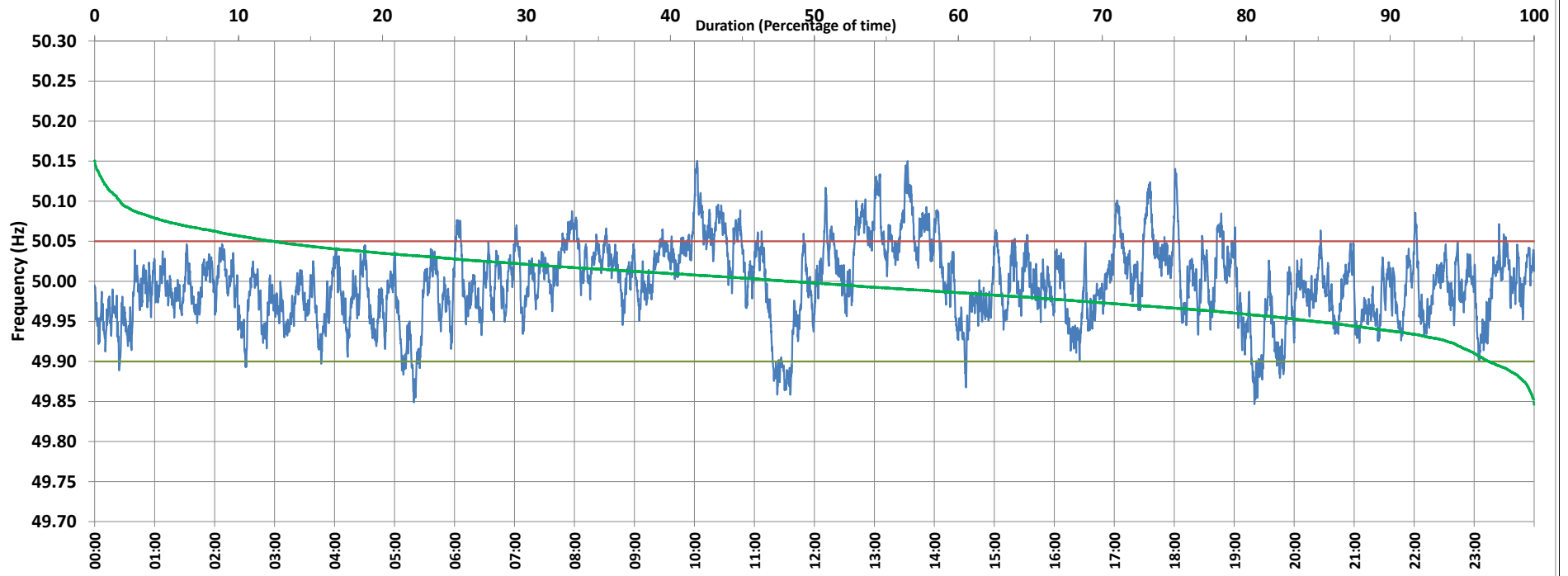


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Aug-2020 (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	3.14	27.63	0.00	3.14	48.46	46.63	1.77	84.47	100.00	48.60	10.65	48.31	23.77	12.40	0.00	15.21	72.40	12.07

Average Frequency : 49.997	Frequency Variation Index : 0.0227	Standard Deviation : 0.0475	Mileage: 46.8	FDI: 15.5
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Instantaneous Frequency		
Max	50.150	10:02:50
Min	49.847	19:20:10

15 minute Average Frequency		
Max	50.088	10:15:00
Min	49.895	19:30:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	177
above 50.00 Hz	193
below 50.00 Hz	195

Average time freq per excursion remains	
below 49.97	0:02:15
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	3:43:40
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)