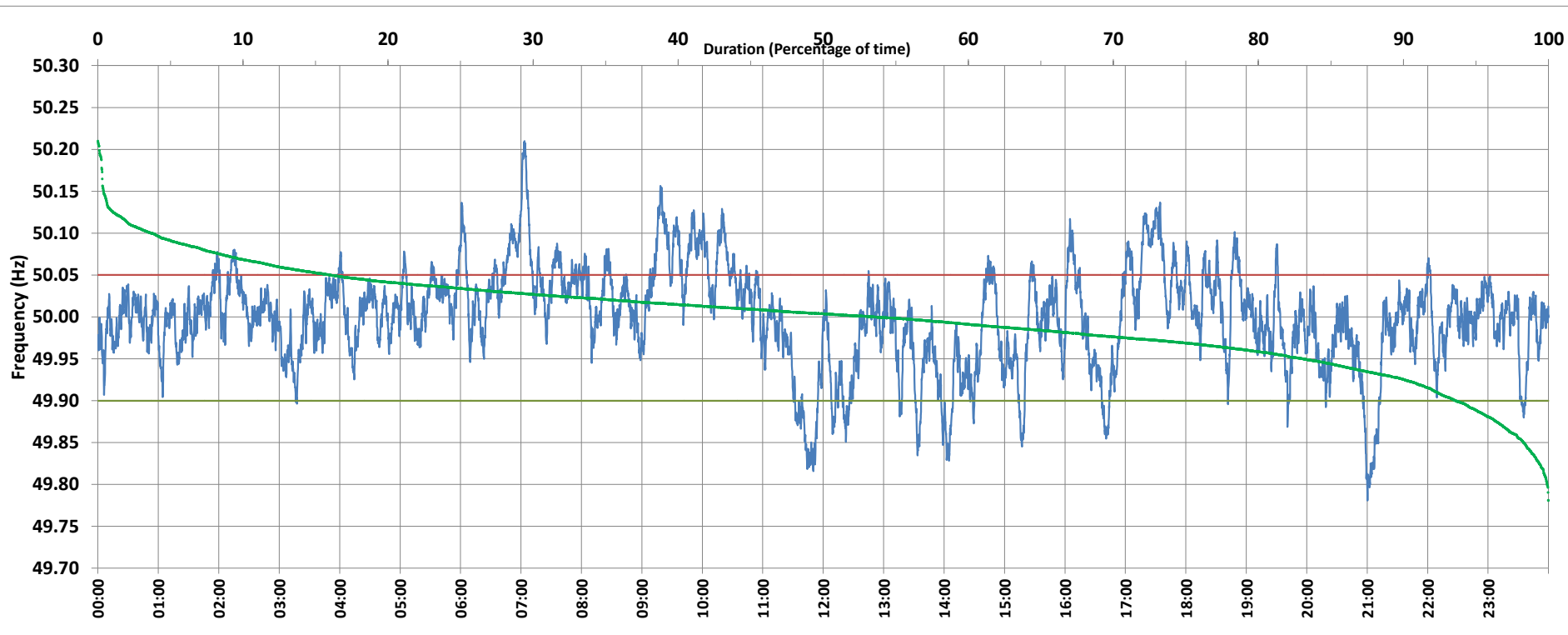


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Aug-2020 (Sunday)



<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	6.39	25.66	0.09	6.30	40.05	49.87	3.60	77.62	99.91	46.72	12.35	53.50	27.62	16.00	0.09	16.90	67.11	10.51

Average Frequency : 49.999	Frequency Variation Index : 0.0343	Standard Deviation : 0.0585	Mileage: 46.3	FDI: 22.4
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Instantaneous Frequency		
Max	50.210	7:03:20
Min	49.781	21:00:10

15 minute Average Frequency		
Max	50.113	7:15:00
Min	49.851	21:15:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	134
above 50.00 Hz	213
below 50.00 Hz	215

Average time freq per excursion remains	
below 49.97	0:02:45
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	5:22:20
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)