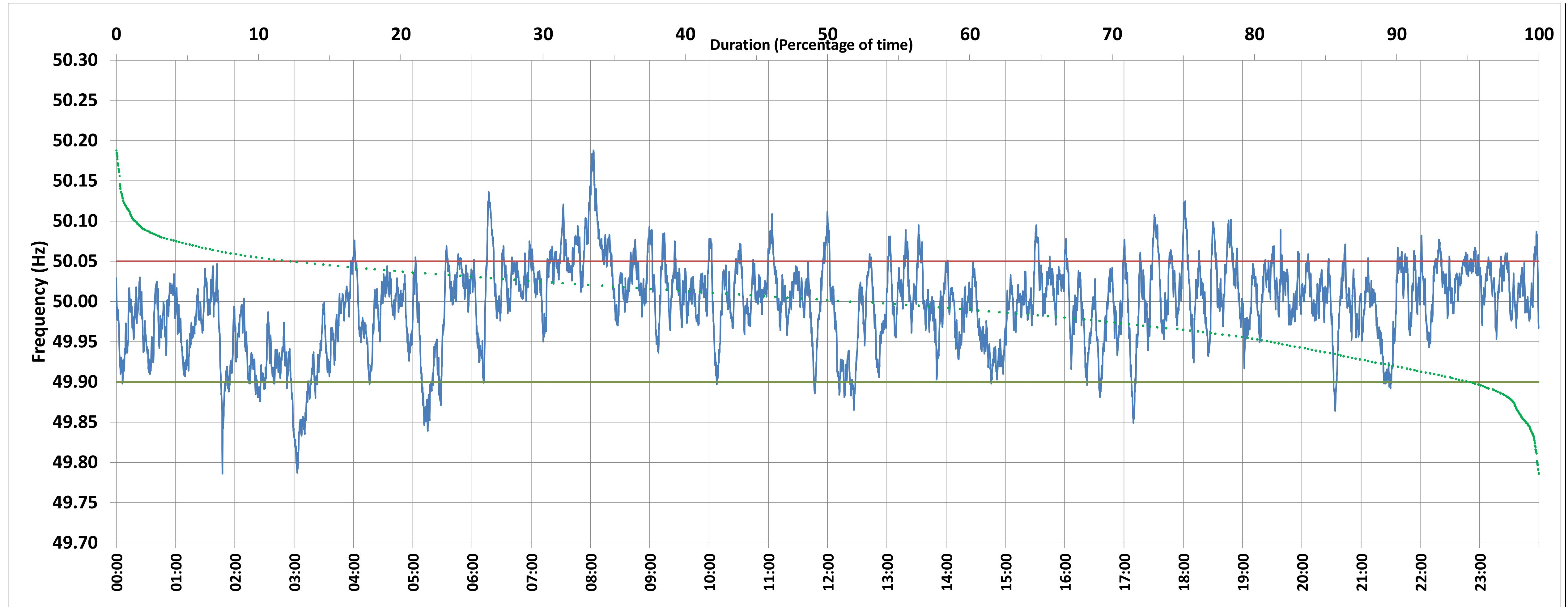


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Oct-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	4.65	27.34	0.12	4.54	42.19	51.76	1.40	83.10	100.00	47.06	11.33	51.57	25.60	12.25	0.00	18.58	69.18	13.92

Average Frequency : 49.996	Frequency Variation Index : 0.0282	Standard Deviation : 0.0529	Mileage: 50.0	FDI: 16.9
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Instantaneous Frequency		
Max	50.188	8:03:00
Min	49.786	1:47:20

15 minute Average Frequency		
Max	50.107	8:15:00
Min	49.843	3:15:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	109
above 50.00 Hz	165
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:03:37
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	4:03:20
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Source : NEHU:Frequency 10 Sec. (8640 samples)