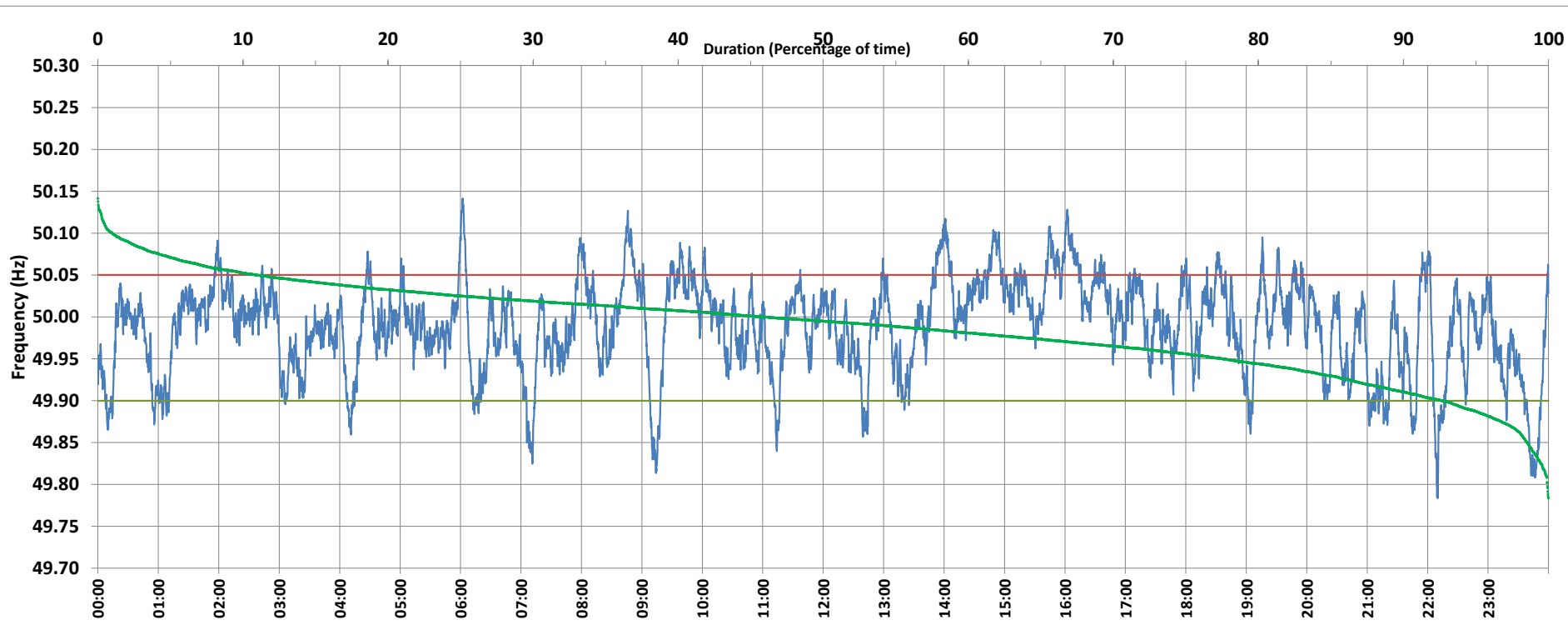


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Jul-2020 (Friday)



<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	7.33	33.01	0.08	7.25	46.72	44.94	1.01	81.76	100.00	45.30	9.95	45.87	21.69	10.91	0.00	22.44	66.64	15.12

Average Frequency : 49.988	Frequency Variation Index : 0.0317	Standard Deviation : 0.0551	Mileage: 45.4	FDI: 18.2
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Instantaneous Frequency		
Max	50.141	6:02:00
Min	49.784	22:10:00

15 minute Average Frequency		
Max	50.083	16:15:00
Min	49.886	23:45:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	149
above 50.00 Hz	183
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:03:11
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	4:22:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)