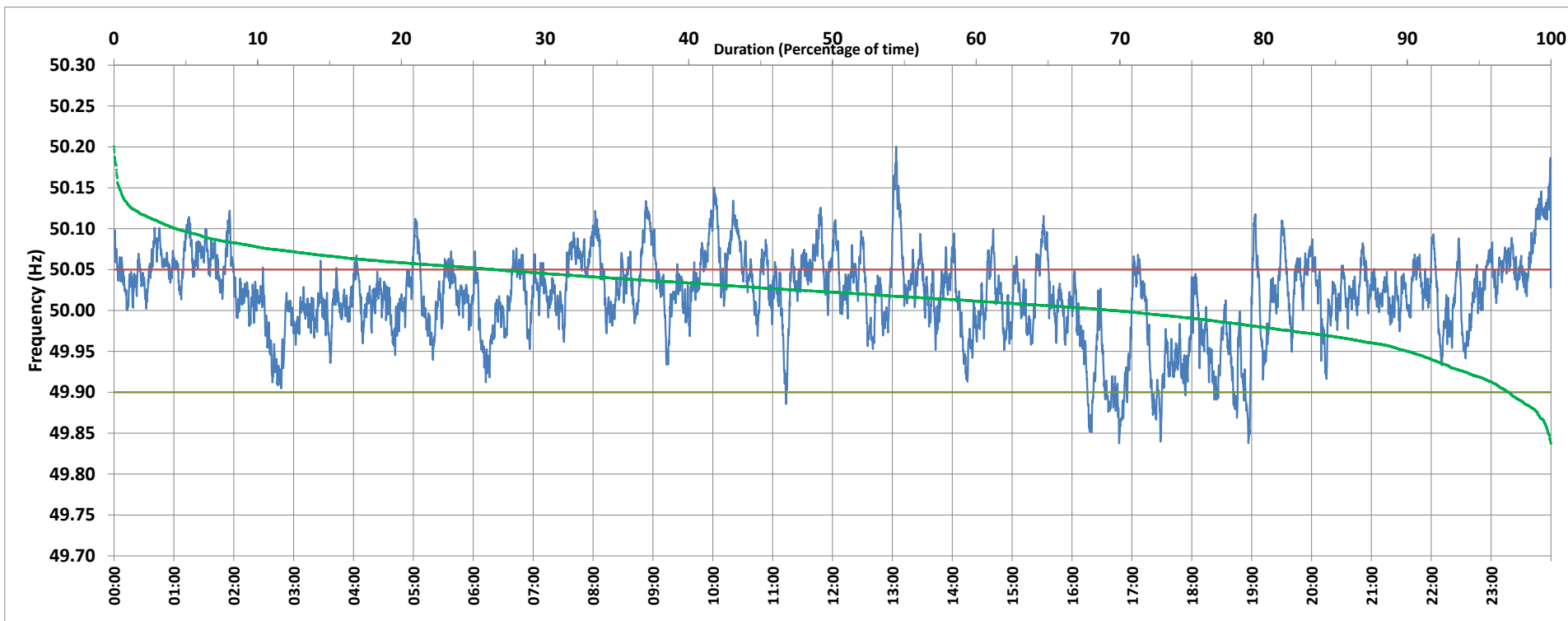


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jul-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	2.93	15.80	0.00	2.93	27.36	65.37	4.33	70.49	99.99	41.01	22.35	69.62	43.19	26.59	0.01	9.93	63.48	7.00

Average Frequency : 50.018	Frequency Variation Index : 0.0304	Standard Deviation : 0.0520	Mileage: 45.9	FDI: 29.5
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Instantaneous Frequency		
Max	50.200	13:03:40
Min	49.838	16:47:10

15 minute Average Frequency		
Max	50.126	0:00:00
Min	49.902	16:45:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	90
above 50.00 Hz	165
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:03:03

No. of hours freq outside 49.9-50.05 Hz	7:05:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)