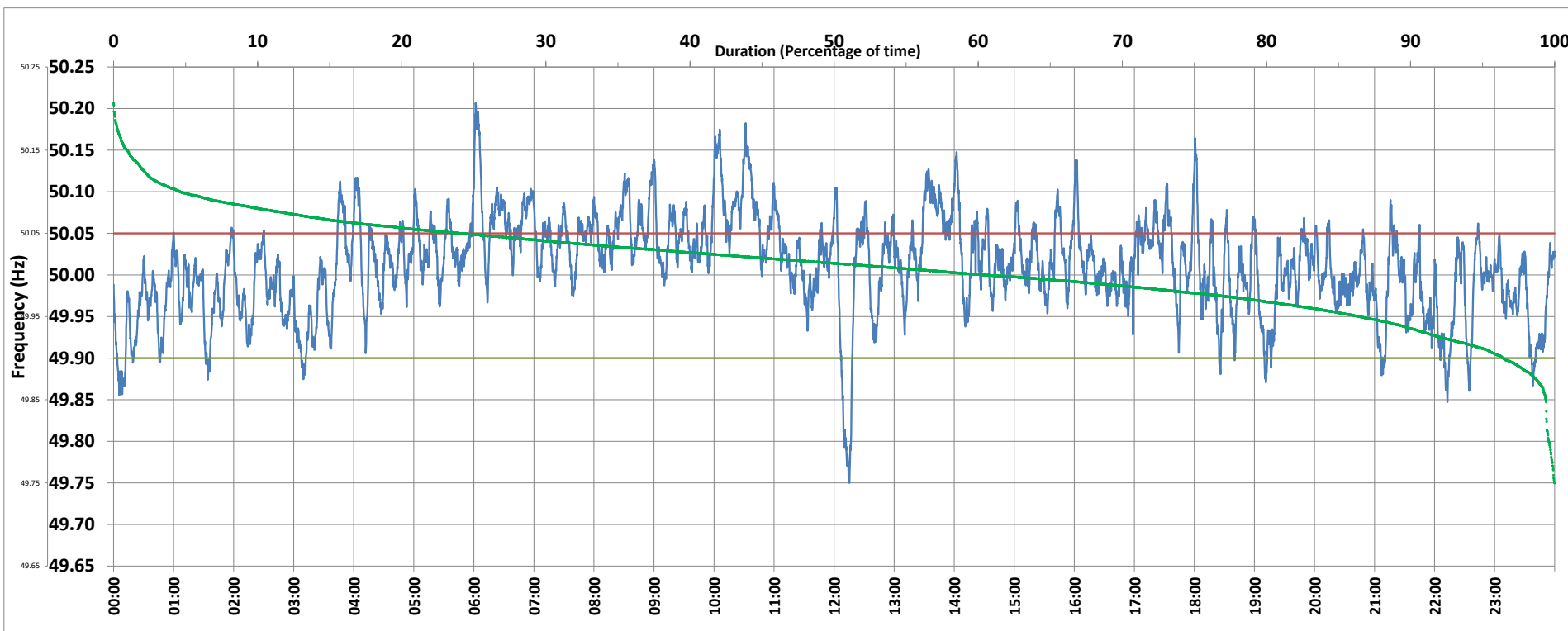


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Apr-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	3.58	20.82	0.39	3.18	35.80	55.95	4.64	72.33	99.97	41.25	19.53	60.45	37.93	24.10	0.03	13.52	62.38	9.94

Average Frequency : 50.011	Frequency Variation Index : 0.0345	Standard Deviation : 0.0577	Mileage: 38.9	FDI: 27.7
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Instantaneous Frequency		
Max	50.207	6:01:40
Min	49.750	12:15:10

15 minute Average Frequency		
Max	50.113	10:15:00
Min	49.906	0:15:00

No. of excursions	
above 50.03 Hz	137
below 49.97 Hz	80
above 50.00 Hz	154
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:03:45
above 50.03	0:03:59

No. of hours freq outside 49.9-50.05 Hz	6:38:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)