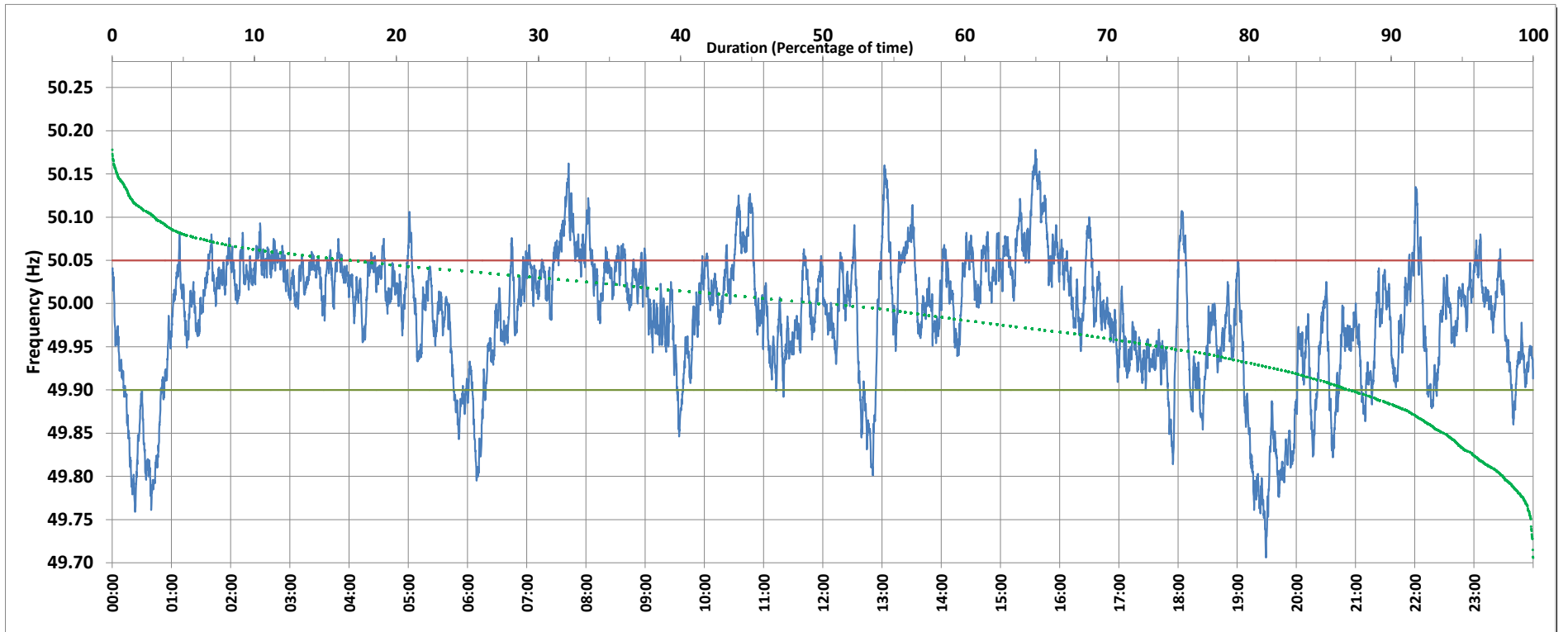


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jun-2019 (Thursday)



<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	12.75	34.38	2.09	10.66	36.23	48.00	3.02	70.50	100.00	35.57	14.34	49.71	30.06	16.75	0.00	25.80	57.45	13.04

Average Frequency : 49.986	Frequency Variation Index : 0.0558	Standard Deviation : 0.0734	Mileage: 45.6	FDI: 29.5
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Instantaneous Frequency		
Max	50.178	15:35:30
Min	49.706	19:29:10

15 minute Average Frequency		
Max	50.132	15:45:00
Min	49.774	19:30:00

No. of excursions	
above 50.03 Hz	118
below 49.97 Hz	116
above 50.00 Hz	90
below 50.00 Hz	89

Average time freq per excursion remains	
below 49.97	0:04:16
above 50.03	0:03:40

No. of hours freq outside 49.9-50.05 Hz	7:04:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)