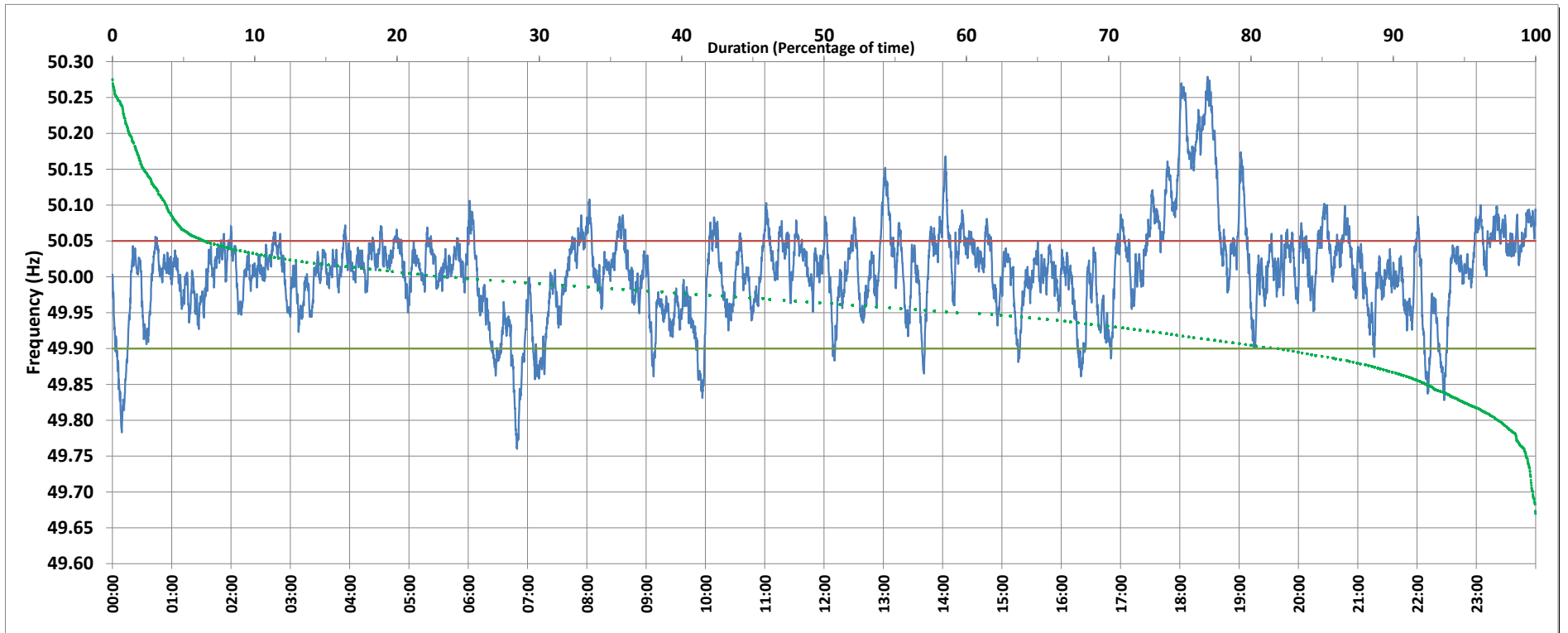


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-May-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	5.82	23.51	0.32	5.50	33.28	55.94	3.39	74.88	98.43	42.40	14.81	59.34	34.10	19.29	1.57	15.45	65.25	9.63

Average Frequency : 50.008	Frequency Variation Index : 0.0437	Standard Deviation : 0.0656	Mileage: 45.4	FDI: 25.1
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Instantaneous Frequency		
Max	50.279	18:28:10
Min	49.760	6:49:20

15 minute Average Frequency		
Max	50.218	18:30:00
Min	49.854	7:00:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	71
above 50.00 Hz	123
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:04:46
above 50.03	0:03:30

No. of hours freq outside 49.9-50.05 Hz	6:01:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)