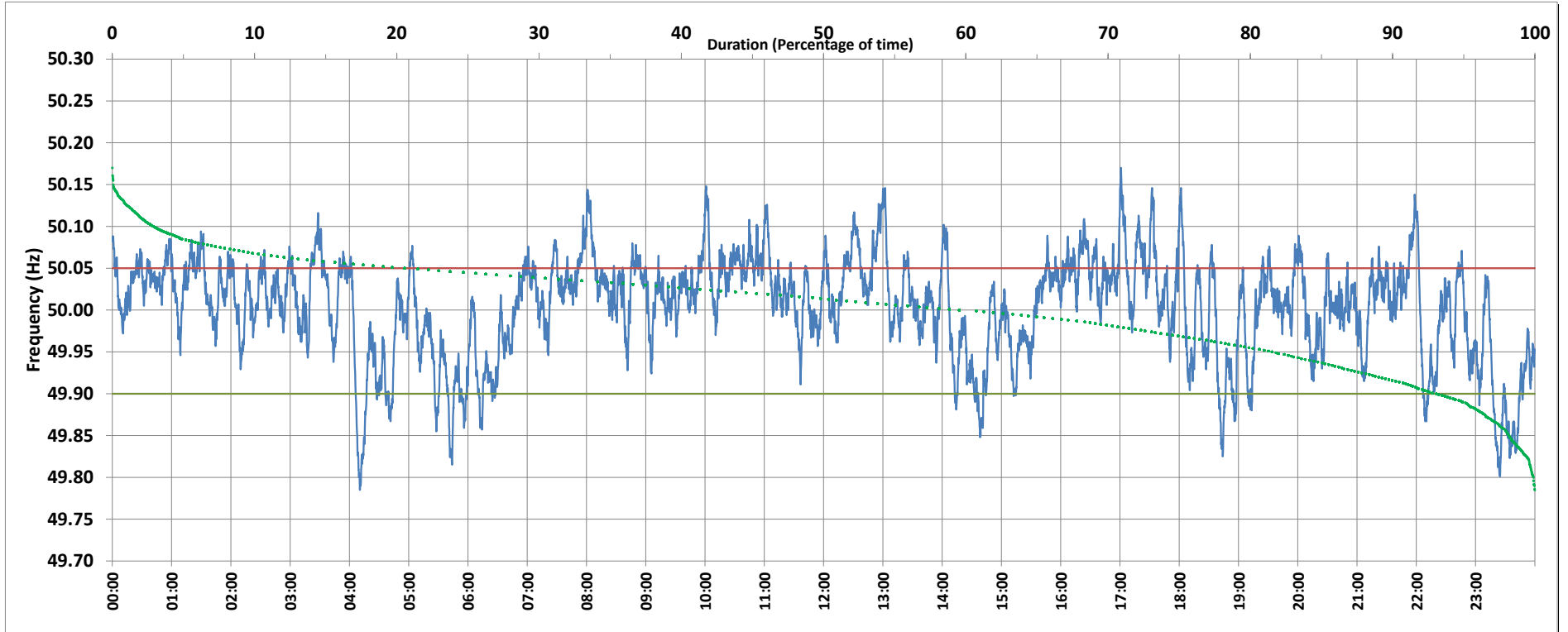


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Apr-2019 (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	6.76	25.08	0.09	6.67	32.50	57.74	3.00	72.70	100.00	37.43	18.55	59.54	37.49	20.54	0.00	18.19	61.26	11.44

Average Frequency : 50.004	Frequency Variation Index : 0.0366	Standard Deviation : 0.0604	Mileage: 45.9	FDI: 27.3
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Instantaneous Frequency		
Max	50.170	17:01:00
Min	49.785	4:10:30

15 minute Average Frequency		
Max	50.076	13:00:00
Min	49.856	23:45:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	78
above 50.00 Hz	108
below 50.00 Hz	102

Average time freq per excursion remains	
below 49.97	0:04:38
above 50.03	0:03:21

No. of hours freq outside 49.9-50.05 Hz	6:33:10
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)