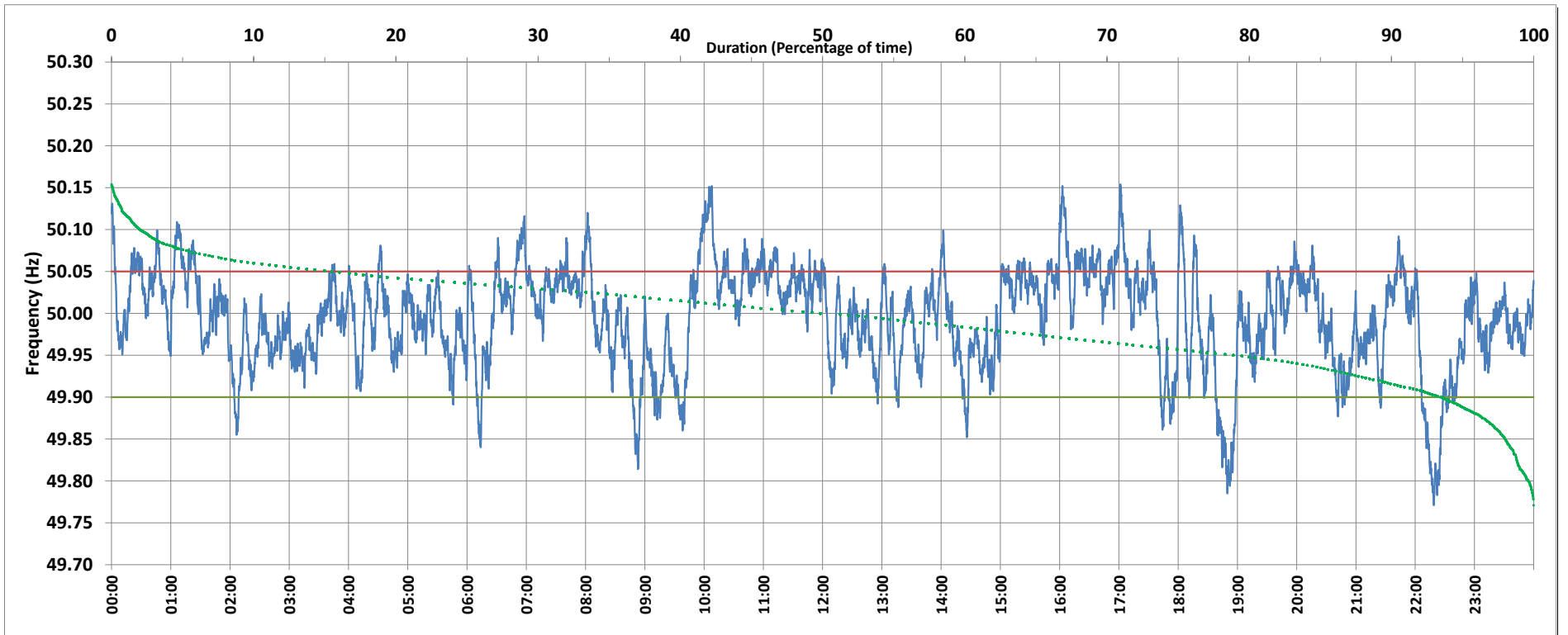


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Apr-2019 (Monday)



<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	6.40	32.16	0.34	6.06	42.37	49.16	2.07	78.11	100.00	38.30	14.03	49.84	29.54	15.49	0.00	20.52	63.99	14.12

Average Frequency : 49.994	Frequency Variation Index : 0.0351	Standard Deviation : 0.0590	Mileage: 47.5	FDI: 21.9
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Instantaneous Frequency		
Max	50.154	17:01:30
Min	49.771	22:18:50

15 minute Average Frequency		
Max	50.097	10:15:00
Min	49.828	22:30:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	109
above 50.00 Hz	113
below 50.00 Hz	103

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:02:55

No. of hours freq outside 49.9-50.05 Hz	5:15:10
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)