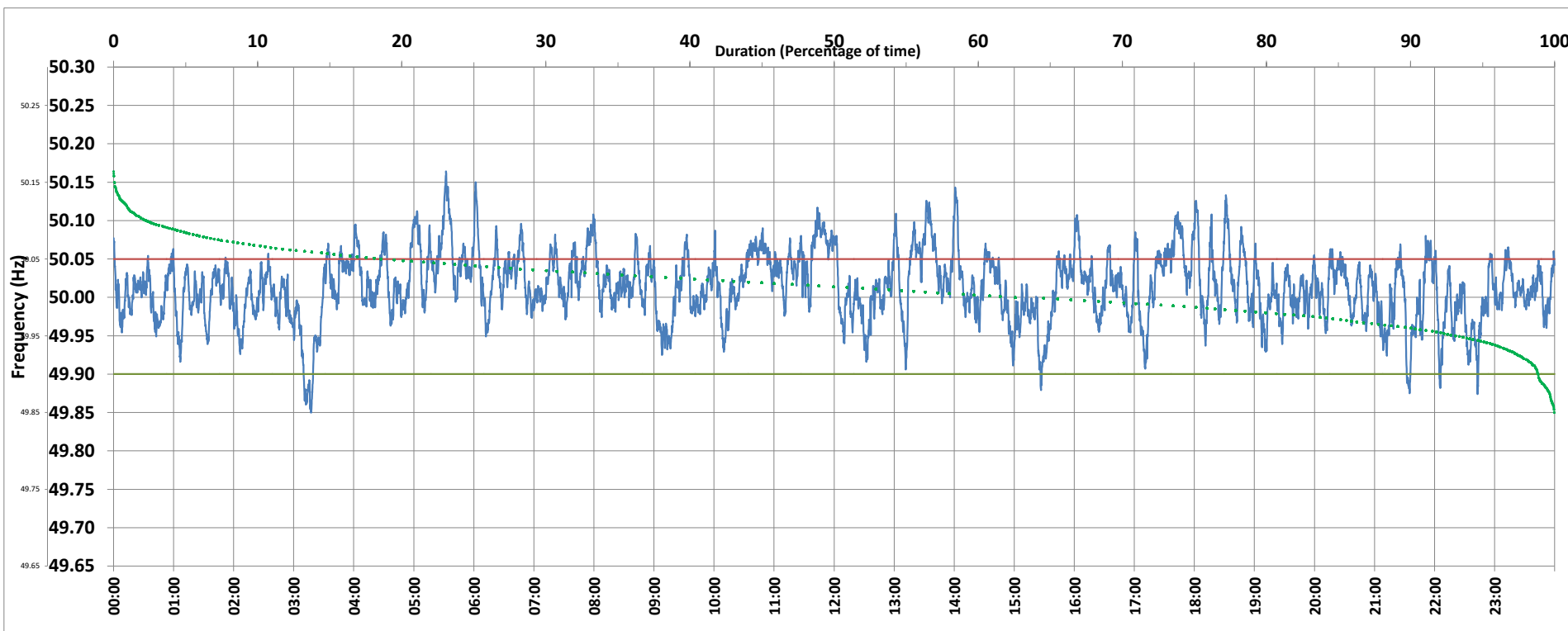


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Apr-2020 (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	1.13	14.11	0.00	1.13	34.34	62.15	2.37	80.31	100.00	51.61	17.23	62.58	34.28	18.55	0.00	6.61	74.84	5.47

Average Frequency : 50.014	Frequency Variation Index : 0.0207	Standard Deviation : 0.0433	Mileage: 40.2	FDI: 19.7
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Instantaneous Frequency		
Max	50.164	5:32:10
Min	49.850	3:17:10

15 minute Average Frequency		
Max	50.079	12:00:00
Min	49.931	3:30:00

No. of excursions	
above 50.03 Hz	136
below 49.97 Hz	75
above 50.00 Hz	116
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:03:38

No. of hours freq outside 49.9-50.05 Hz	4:43:30
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)