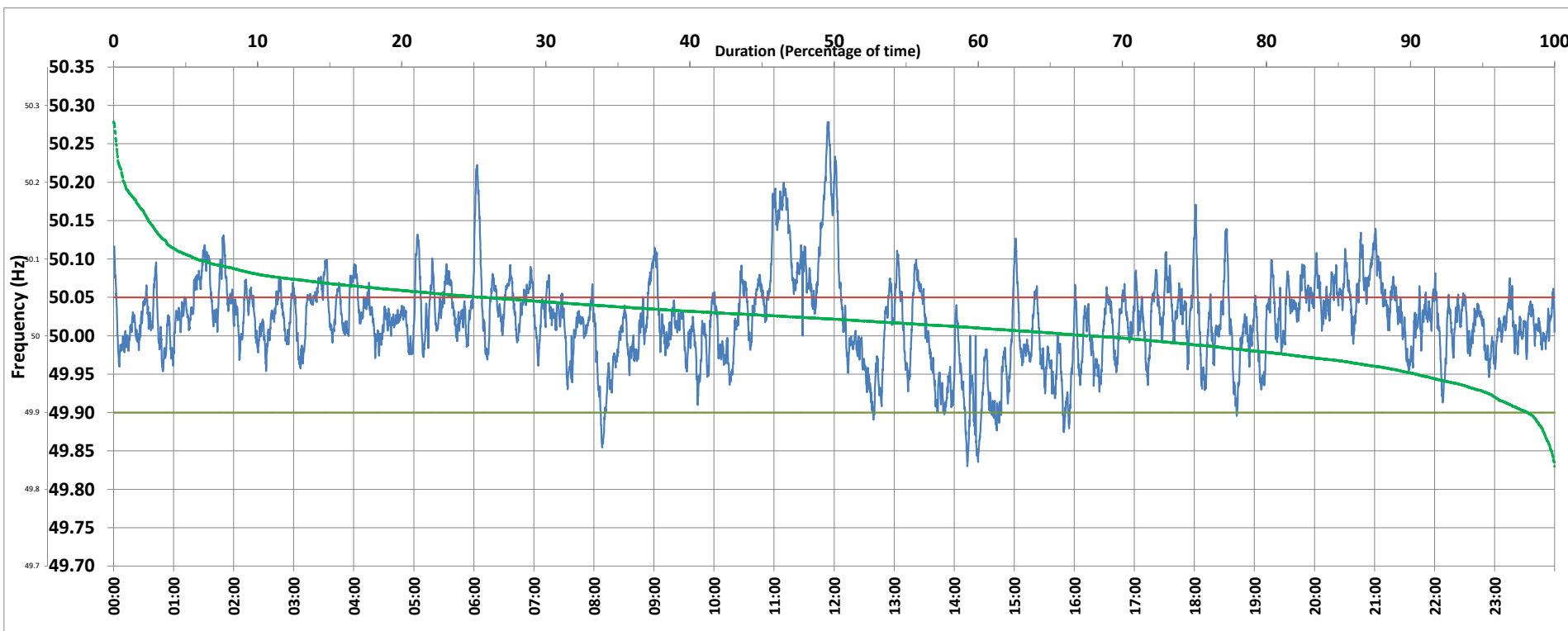


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Apr-2020 (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	1.88	16.08	0.00	1.88	30.34	62.01	5.05	72.40	99.27	42.09	20.03	67.52	41.83	25.73	0.73	9.58	64.69	7.71

Average Frequency : 50.020	Frequency Variation Index : 0.0357	Standard Deviation : 0.0561	Mileage: 39.3	FDI: 27.6
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Instantaneous Frequency		
Max	50.279	11:53:30
Min	49.830	14:13:10

15 minute Average Frequency		
Max	50.192	12:00:00
Min	49.903	14:30:00

No. of excursions	
above 50.03 Hz	175
below 49.97 Hz	81
above 50.00 Hz	135
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:03:27

No. of hours freq outside 49.9-50.05 Hz	6:37:30
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Source : SLPR4:Frequency 10 Sec. (8640 samples)