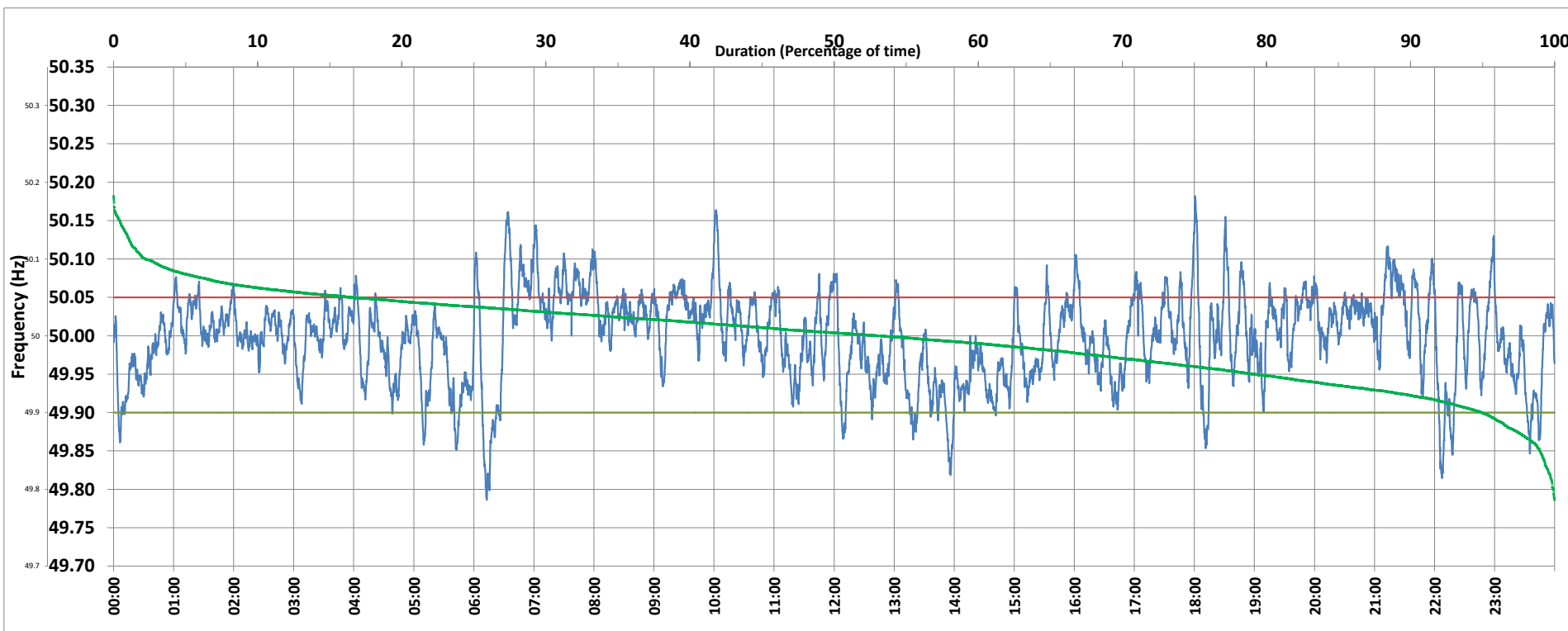


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Apr-2020 (Saturday)



<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	5.06	29.66	0.08	4.98	41.71	51.02	2.21	78.48	100.00	39.72	14.29	53.02	30.61	16.46	0.00	20.87	62.67	15.81

Average Frequency : 49.998	Frequency Variation Index : 0.0327	Standard Deviation : 0.0571	Mileage: 36.0	FDI: 21.5
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Instantaneous Frequency		
Max	50.182	18:00:40
Min	49.786	6:12:50

15 minute Average Frequency		
Max	50.079	6:45:00
Min	49.890	14:00:00

No. of excursions	
above 50.03 Hz	132
below 49.97 Hz	89
above 50.00 Hz	123
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:04:48
above 50.03	0:03:20

No. of hours freq outside 49.9-50.05 Hz	5:09:50
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Source : SLPR4:Frequency 10 Sec. (8640 samples)