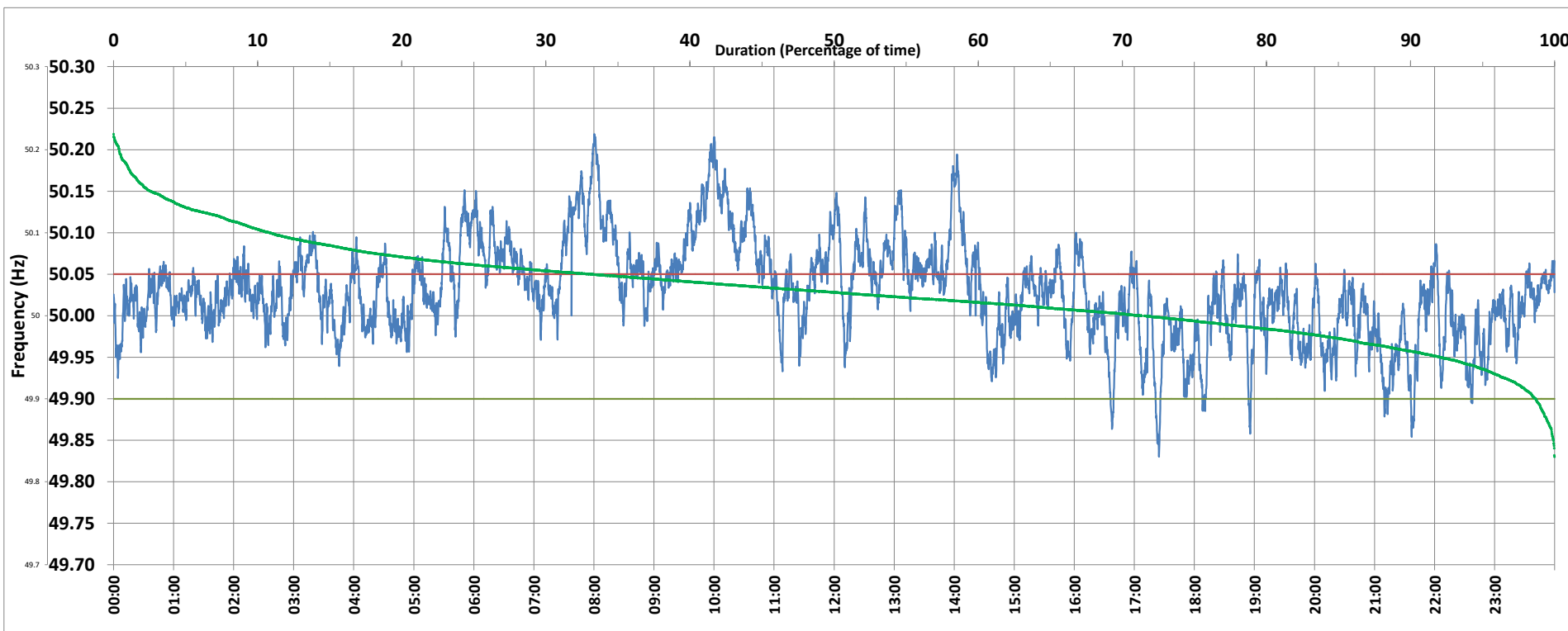


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Jun-2020 (Sunday)



<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	1.31	14.03	0.00	1.31	27.16	60.67	10.46	65.54	99.61	37.48	22.40	71.31	48.50	33.15	0.39	7.92	58.94	6.61

Average Frequency : 50.029	Frequency Variation Index : 0.0416	Standard Deviation : 0.0575	Mileage: 46.5	FDI: 34.5
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Instantaneous Frequency		
Max	50.219	8:00:20
Min	49.830	17:24:30

15 minute Average Frequency		
Max	50.156	10:00:00
Min	49.931	21:45:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	78
above 50.00 Hz	144
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:03:57

No. of hours freq outside 49.9-50.05 Hz	8:16:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)