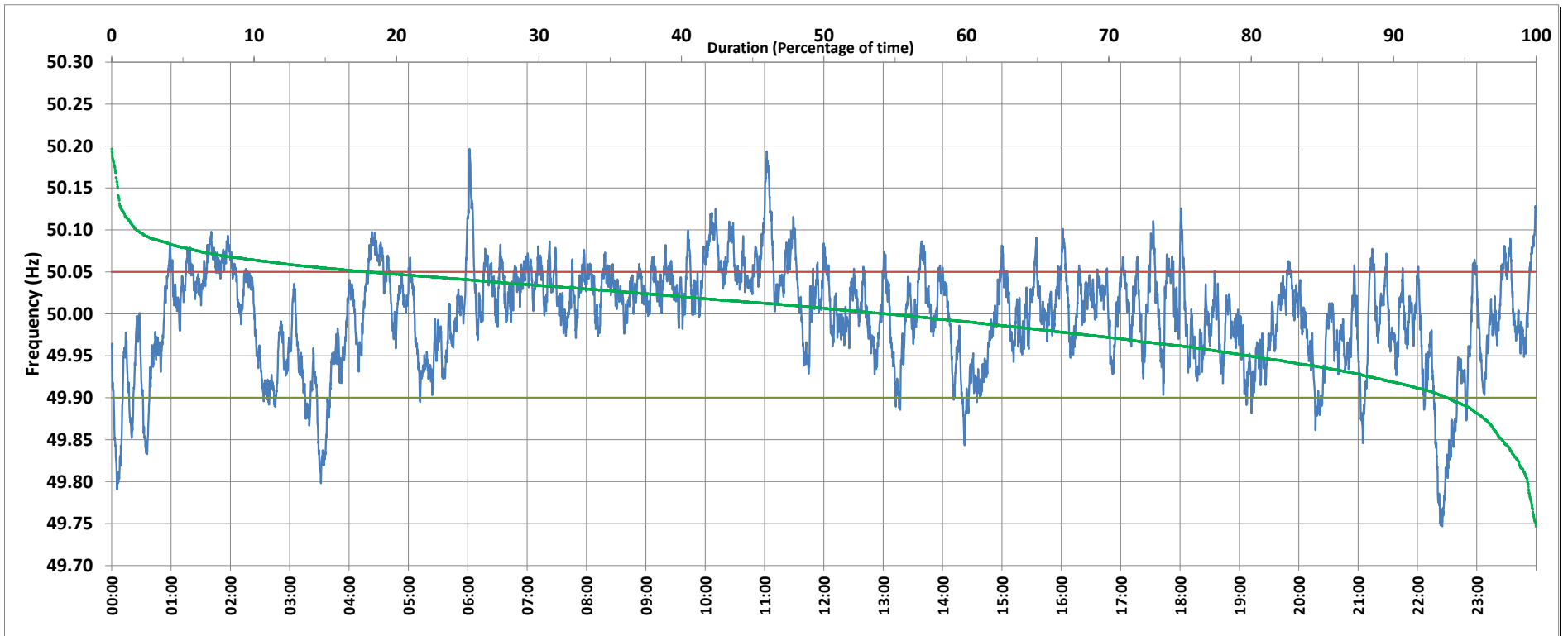


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Apr-2019 (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	6.25	28.96	0.61	5.64	39.31	52.71	1.74	75.78	100.00	38.01	16.34	54.40	33.03	17.97	0.00	20.08	61.94	13.83

Average Frequency : 49.998	Frequency Variation Index : 0.0370	Standard Deviation : 0.0608	Mileage: 47.2	FDI: 24.2
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Instantaneous Frequency		
Max	50.197	6:01:40
Min	49.747	22:25:00

15 minute Average Frequency		
Max	50.092	11:15:00
Min	49.812	22:30:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	120
above 50.00 Hz	161
below 50.00 Hz	163

Average time freq per excursion remains	
below 49.97	0:03:29
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:48:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)