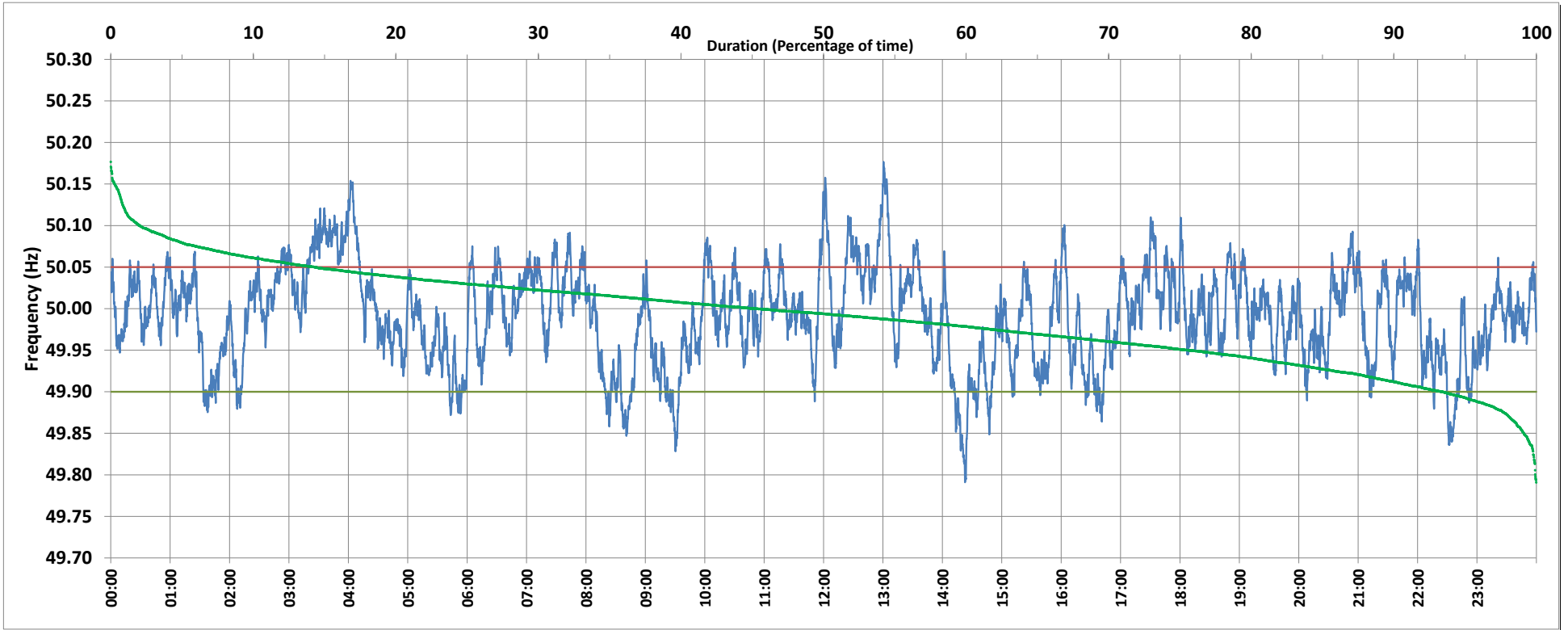


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Apr-2019 (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	6.55	35.41	0.07	6.48	48.08	43.31	2.06	79.11	100.00	39.77	12.35	45.34	24.83	14.34	0.00	24.33	61.33	17.78

Average Frequency : 49.990	Frequency Variation Index : 0.0340	Standard Deviation : 0.0575	Mileage: 47.3	FDI: 20.9
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Instantaneous Frequency		
Max	50.177	13:00:30
Min	49.791	14:22:50

15 minute Average Frequency		
Max	50.092	3:45:00
Min	49.863	14:30:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	138
above 50.00 Hz	180
below 50.00 Hz	182

Average time freq per excursion remains	
below 49.97	0:03:42
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	5:00:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)