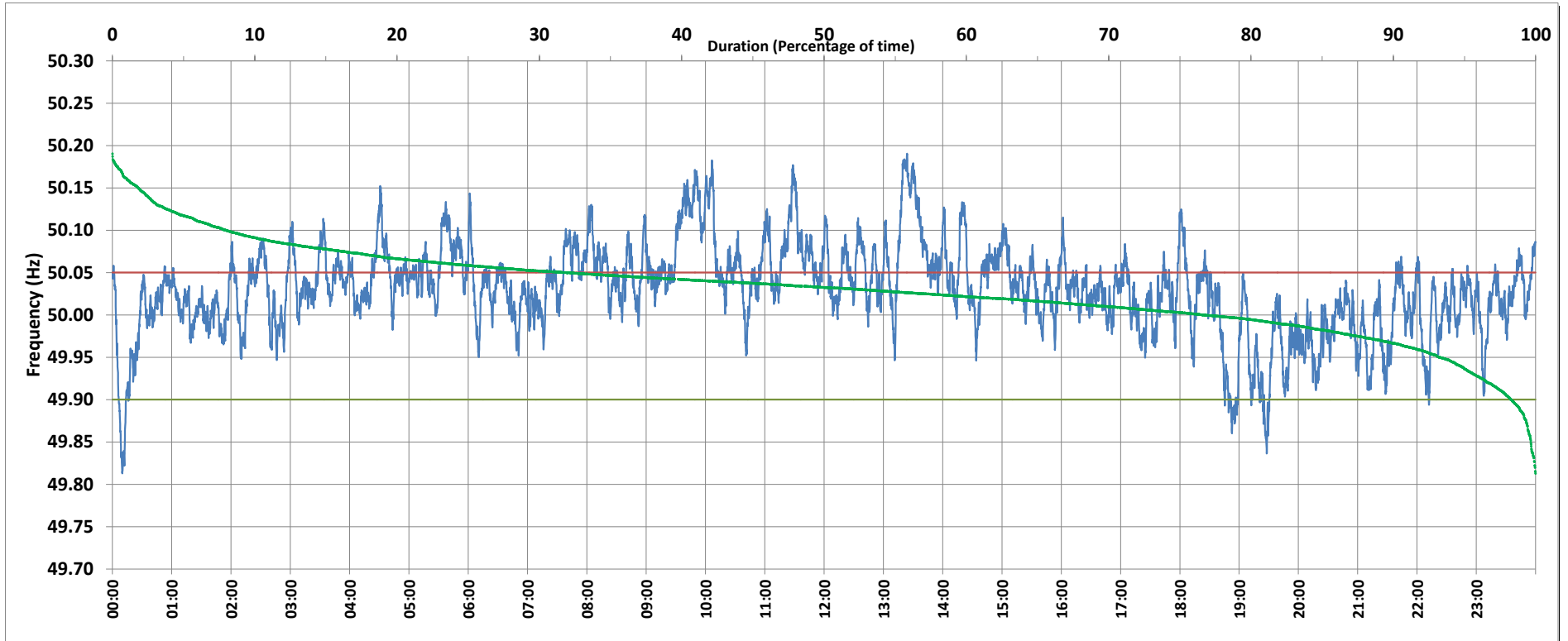


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-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	1.70	10.89	0.00	1.70	21.54	68.75	8.01	66.39	100.00	36.41	23.99	76.69	52.70	31.91	0.00	6.70	61.39	5.00

Average Frequency : 50.030	Frequency Variation Index : 0.0364	Standard Deviation : 0.0523	Mileage: 44.8	FDI: 33.6
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Instantaneous Frequency		
Max	50.190	13:24:00
Min	49.813	0:09:50

15 minute Average Frequency		
Max	50.151	13:30:00
Min	49.901	19:00:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	72
above 50.00 Hz	140
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:02:11
above 50.03	0:03:49

No. of hours freq outside 49.9-50.05 Hz	8:04:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)