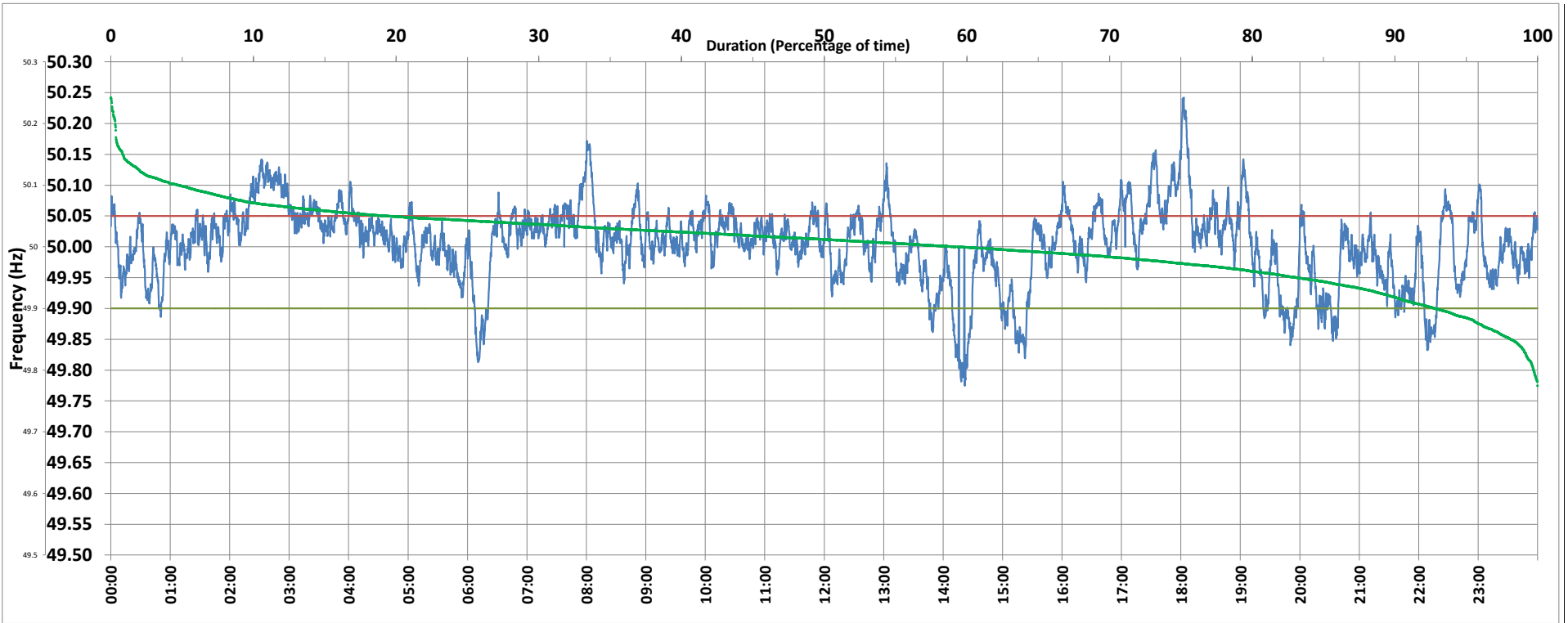


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-May-2020 (Friday)



<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	7.19	23.56	0.27	6.92	33.46	54.61	4.43	73.48	99.69	41.75	14.68	59.16	34.69	19.33	0.31	16.84	63.83	9.65

Average Frequency : 50.004	Frequency Variation Index : 0.0393	Standard Deviation : 0.0626	Mileage: 44.6	FDI: 26.5
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Instantaneous Frequency		
Max	50.242	18:02:50
Min	49.775	14:21:50

15 minute Average Frequency		
Max	50.128	18:15:00
Min	49.839	14:30:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	101
above 50.00 Hz	156
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:03:22
above 50.03	0:02:55

No. of hours freq outside 49.9-50.05 Hz	6:21:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)