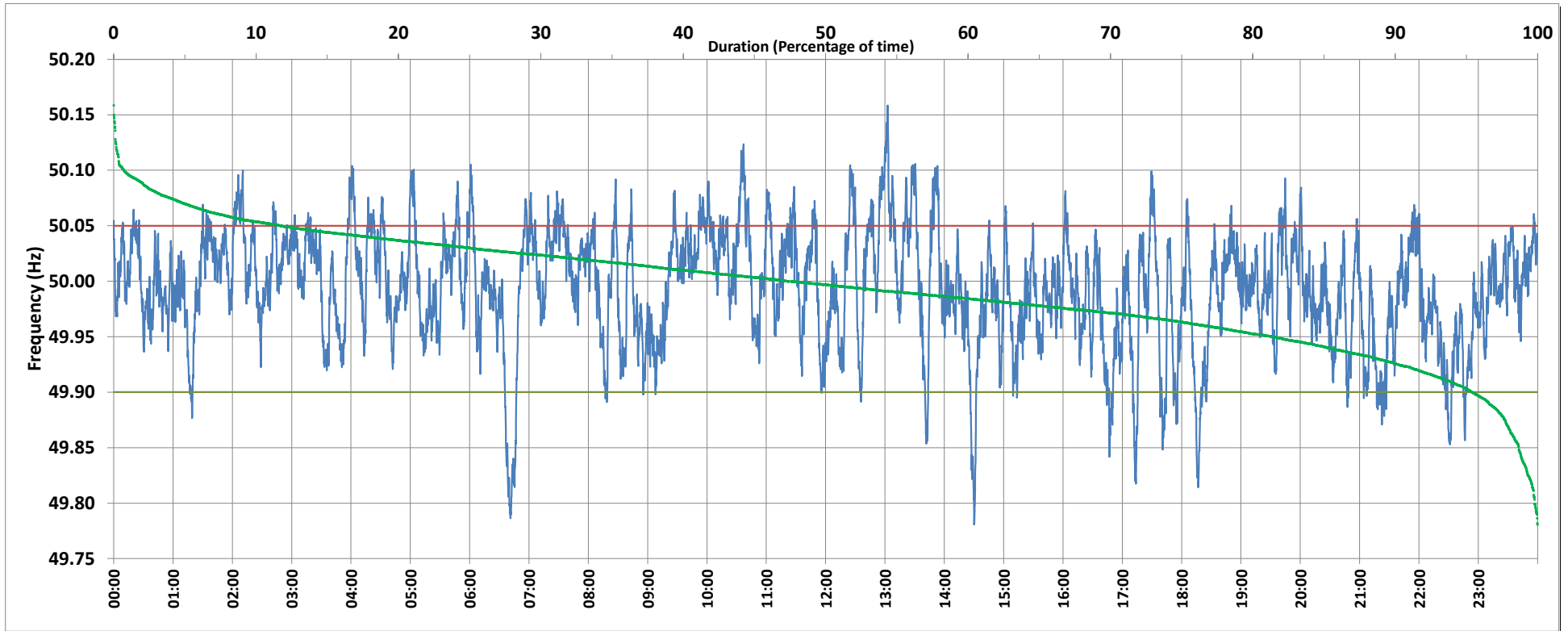


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Oct-2019 (Wednesday)



<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	4.59	28.95	0.21	4.39	47.84	46.85	0.72	83.69	100.00	46.04	11.03	47.37	25.01	11.71	0.00	18.54	69.75	13.95

Average Frequency : 49.993	Frequency Variation Index : 0.0274	Standard Deviation : 0.0520	Mileage: 56.4	FDI: 16.3
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Instantaneous Frequency		
Max	50.159	13:02:40
Min	49.781	14:30:10

15 minute Average Frequency		
Max	50.065	10:45:00
Min	49.878	6:45:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	176
above 50.00 Hz	230
below 50.00 Hz	230

Average time freq per excursion remains	
below 49.97	0:02:22
above 50.03	0:01:49

No. of hours freq outside 49.9-50.05 Hz	3:54:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)