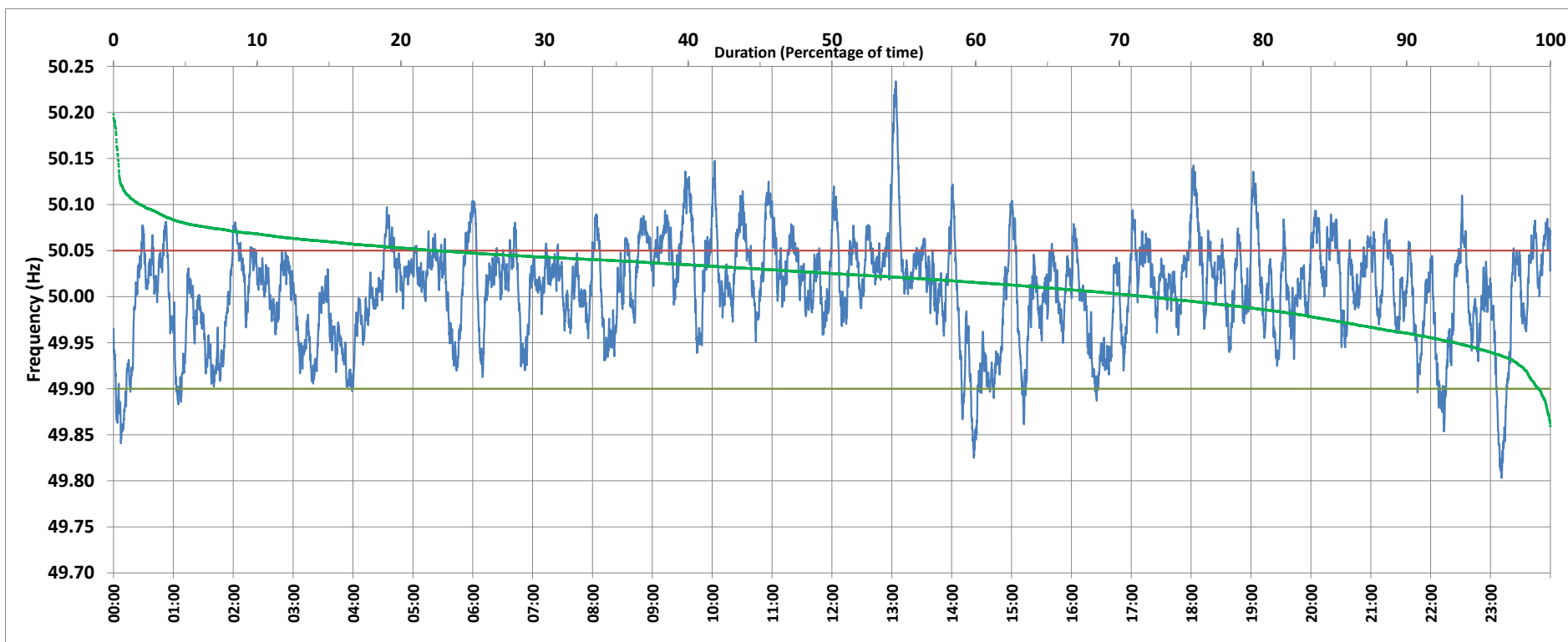


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-May-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	3.36	22.45	0.00	3.36	35.54	58.22	2.69	77.21	99.80	41.08	16.61	61.04	36.47	19.43	0.20	15.44	65.13	12.08

Average Frequency : 50.007	Frequency Variation Index : 0.0299	Standard Deviation : 0.0542	Mileage: 44.2	FDI: 22.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.234	13:03:50
Min	49.803	23:11:00

15 minute Average Frequency		
Max	50.110	13:15:00
Min	49.889	0:15:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	93
above 50.00 Hz	158
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:03:29
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	5:28:10
---	---------

Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)