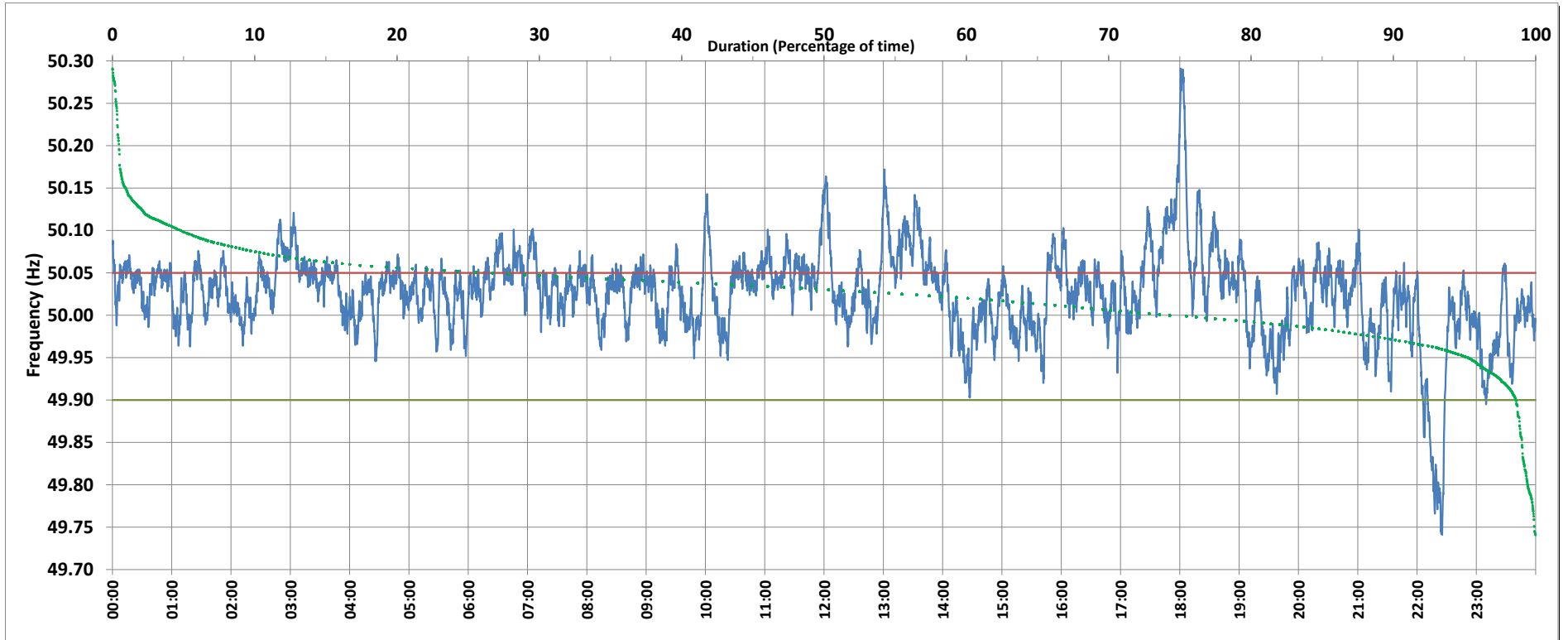


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Apr-2019 (Monday)



<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	1.37	9.14	0.56	0.81	23.17	70.54	4.46	71.92	99.54	40.53	23.02	74.29	50.32	26.71	0.46	4.65	68.63	3.29

Average Frequency : 50.026	Frequency Variation Index : 0.0320	Standard Deviation : 0.0503	Mileage: 45.4	FDI: 28.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.291	18:00:50
Min	49.741	22:25:20

15 minute Average Frequency		
Max	50.142	18:15:00
Min	49.813	22:30:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	56
above 50.00 Hz	117
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:02:21
above 50.03	0:03:59

No. of hours freq outside 49.9-50.05 Hz	6:44:20
---	---------

Source : NEHU:Frequency 10 Sec. (8640 samples)