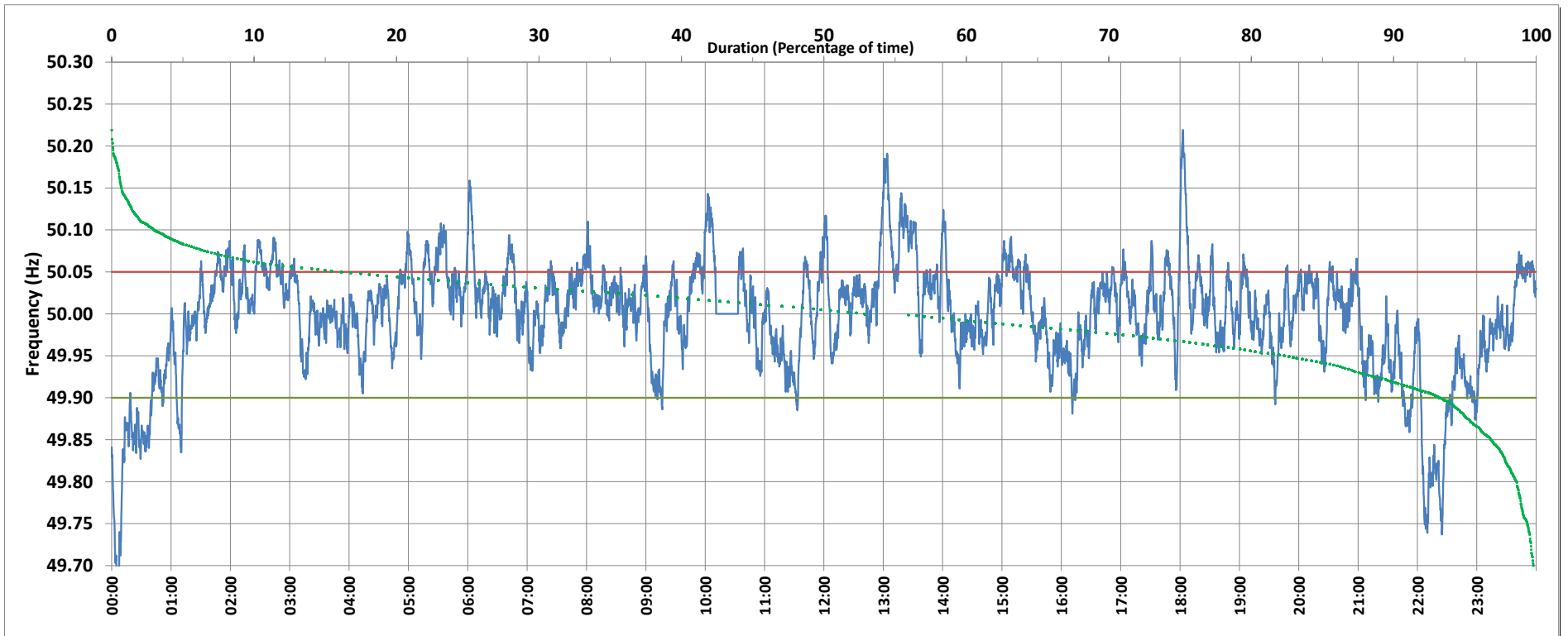


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Apr-2019 (Saturday)



<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
0.19	6.62	25.87	1.17	5.27	37.43	52.88	2.99	77.26	99.73	43.54	13.81	52.87	30.59	16.12	0.08	17.36	66.52	10.74

Average Frequency : 49.998	Frequency Variation Index : 0.0424	Standard Deviation : 0.0651	Mileage: 44.6	FDI: 22.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.219	18:02:50
Min	49.661	0:07:10

15 minute Average Frequency		
Max	50.106	13:15:00
Min	49.767	0:15:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	106
above 50.00 Hz	99
below 50.00 Hz	98

Average time freq per excursion remains	
below 49.97	0:03:31
above 50.03	0:03:04

No. of hours freq outside 49.9-50.05 Hz	5:27:30
---	---------

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