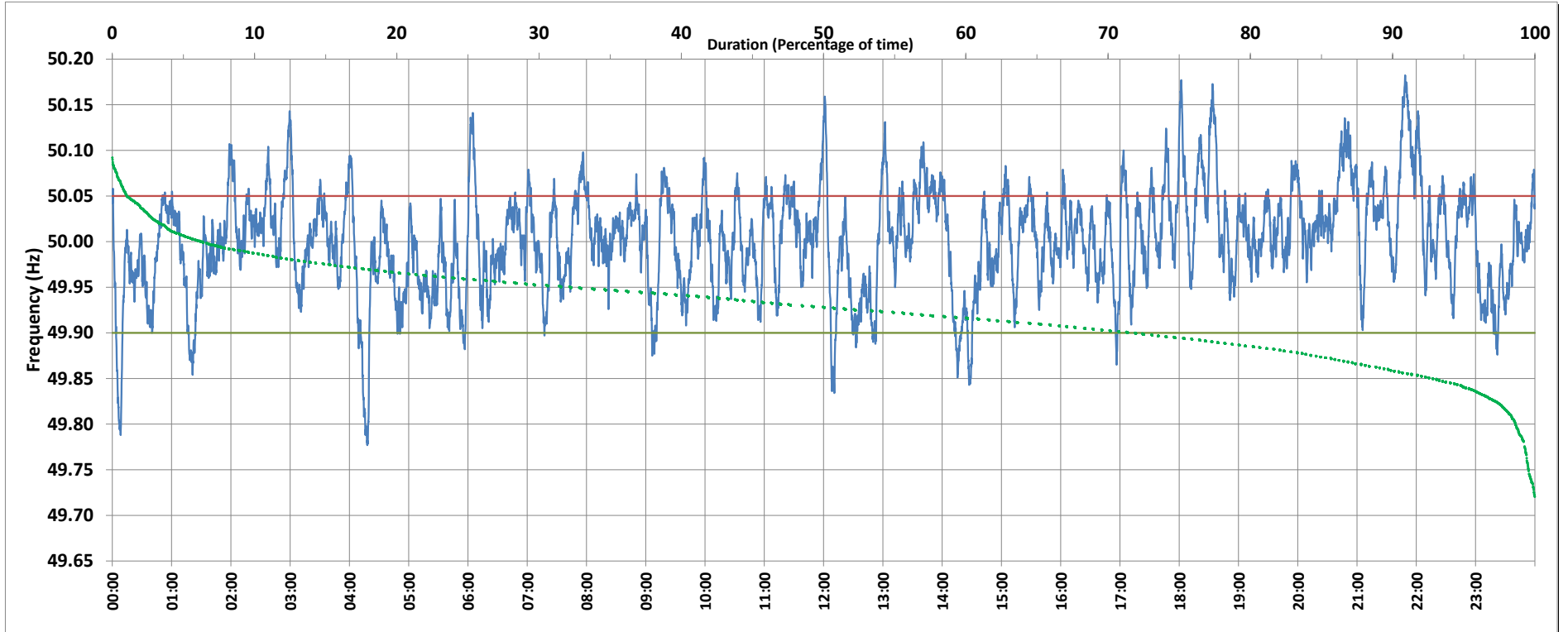


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Mar-2019 (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	3.73	26.49	0.31	3.41	42.95	49.54	3.78	79.19	100.00	43.82	13.81	52.22	29.69	17.08	0.00	16.72	66.19	13.00

Average Frequency : 50.001	Frequency Variation Index : 0.0319	Standard Deviation : 0.0565	Mileage: 47.2	FDI: 20.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.182	21:48:40
Min	49.777	4:18:00

15 minute Average Frequency		
Max	50.125	22:00:00
Min	49.891	14:30:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	118
above 50.00 Hz	140
below 50.00 Hz	130

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	4:59:40
---	---------

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