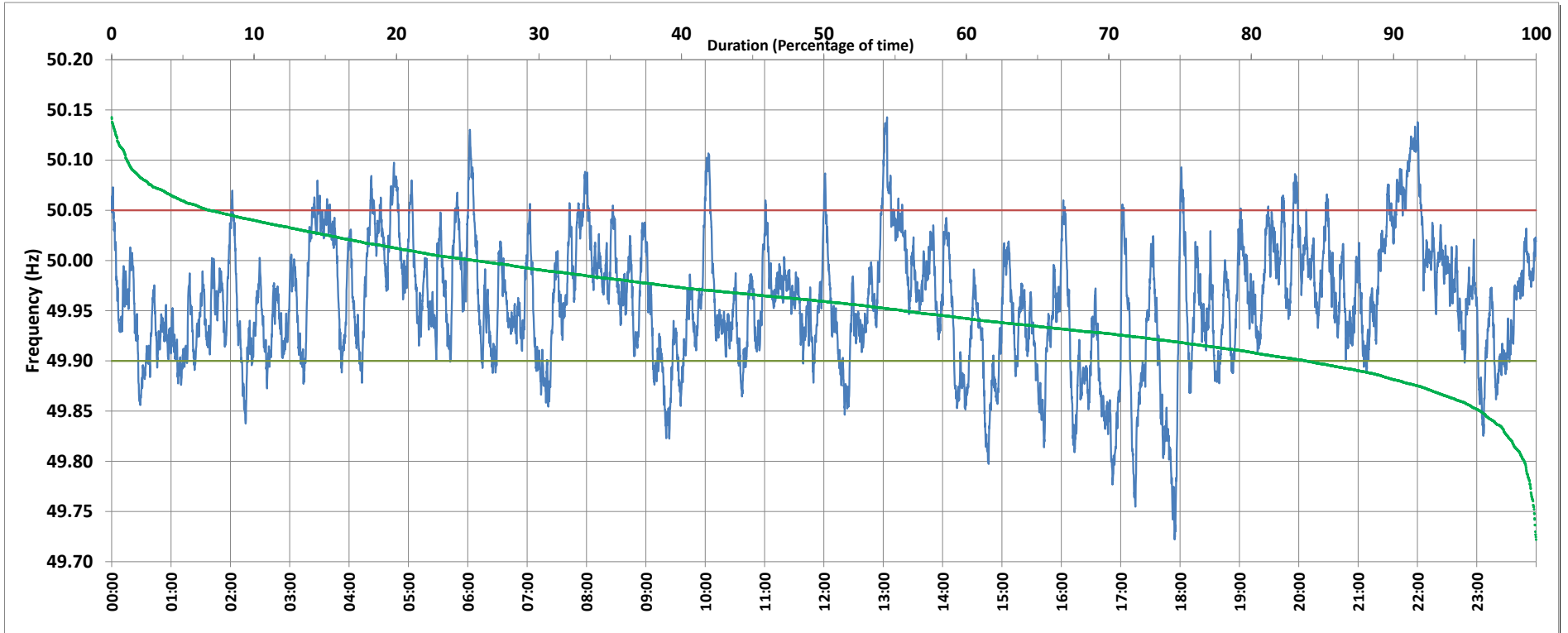


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Nov-2018 (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	16.15	57.69	0.83	15.31	58.32	24.44	1.09	76.96	100.00	28.92	5.82	25.46	13.39	6.90	0.00	44.40	48.70	28.25

Average Frequency : 49.959	Frequency Variation Index : 0.0556	Standard Deviation : 0.0622	Mileage: 46.5	FDI: 23.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.143	13:03:50
Min	49.722	17:54:30

15 minute Average Frequency		
Max	50.096	22:00:00
Min	49.820	18:00:00

No. of excursions	
above 50.03 Hz	78
below 49.97 Hz	160
above 50.00 Hz	126
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:05:12
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:31:50
---	---------

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