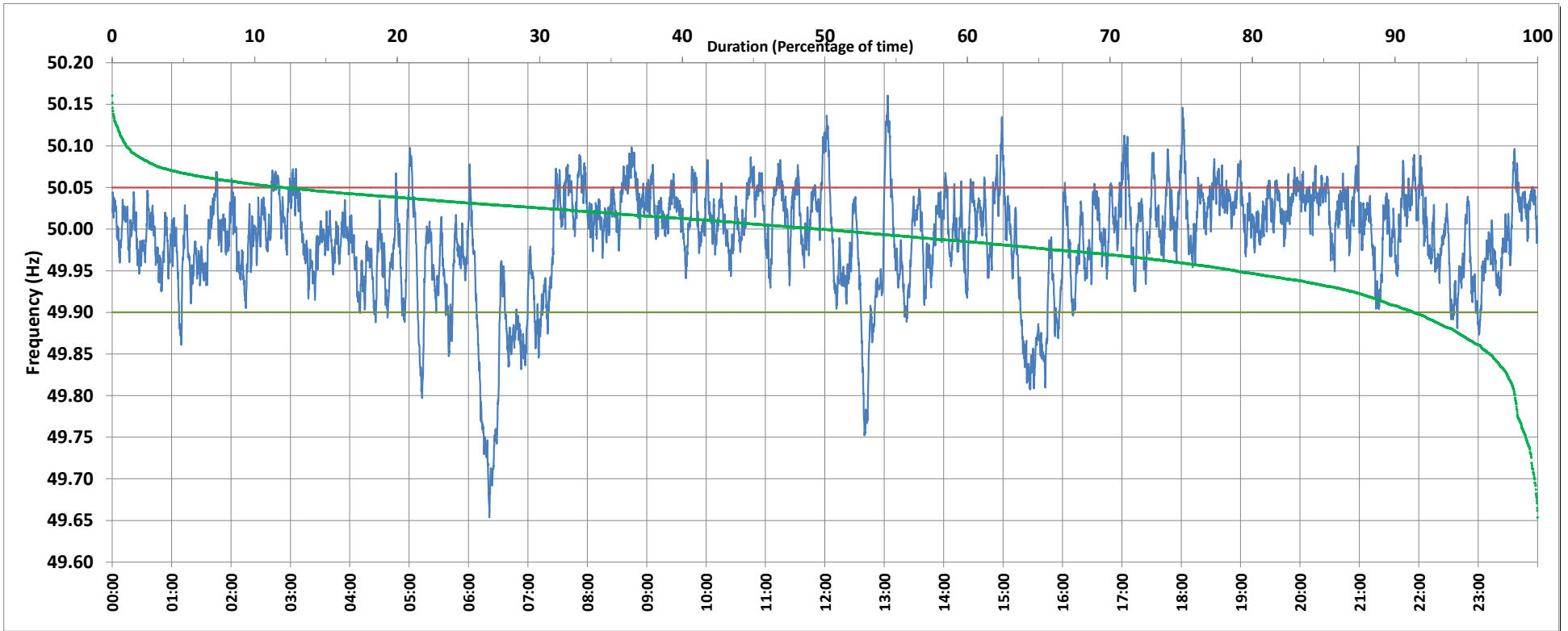


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Nov-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
0.21	8.68	30.31	1.38	7.09	41.49	48.83	1.00	79.24	99.79	43.45	11.13	49.62	26.24	12.08	0.00	21.17	66.75	12.49

Average Frequency : 49.989	Frequency Variation Index : 0.0416	Standard Deviation : 0.0635	Mileage: 52.4	FDI: 20.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.161	13:03:20
Min	49.654	6:21:00

15 minute Average Frequency		
Max	50.047	18:45:00
Min	49.727	6:30:00

No. of excursions	
above 50.03 Hz	202
below 49.97 Hz	141
above 50.00 Hz	191
below 50.00 Hz	190

Average time freq per excursion remains	
below 49.97	0:03:06
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	4:59:00
---	---------

Source : SLPR4:Frequency 10 Sec. (8640 samples)