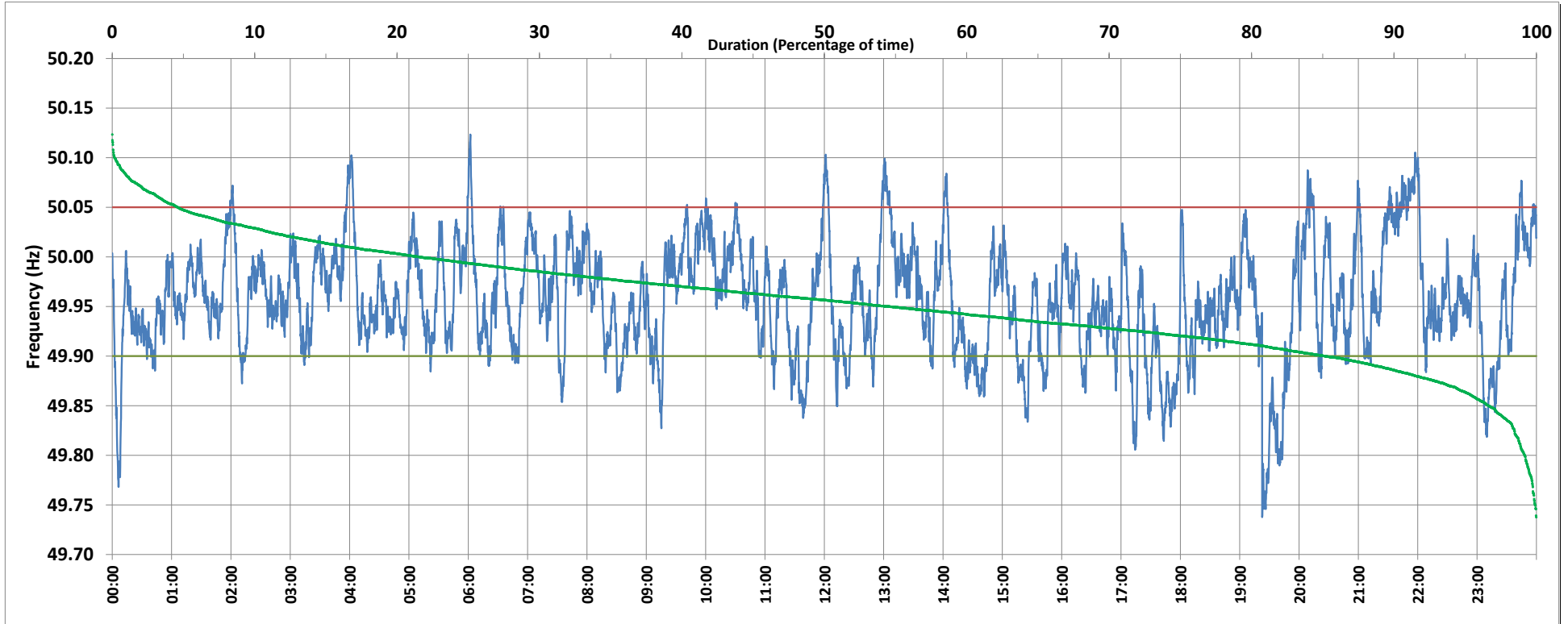


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Oct-2018 (Tuesday)



<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	14.81	59.78	0.81	14.00	63.58	21.44	0.17	80.58	100.00	30.60	4.46	21.59	9.62	4.61	0.00	45.41	49.99	30.59

Average Frequency : 49.956	Frequency Variation Index : 0.051	Standard Deviation : 0.056	Mileage: 46.8	FDI: 19.4
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.123	6:02:00
Min	49.738	19:22:40

15 minute Average Frequency		
Max	50.070	22:00:00
Min	49.828	19:45:00

No. of excursions	
above 50.03 Hz	77
below 49.97 Hz	167
above 50.00 Hz	130
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:05:09
above 50.03	0:01:48

No. of hours freq outside 49.9-50.05 Hz	4:39:40
---	---------

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