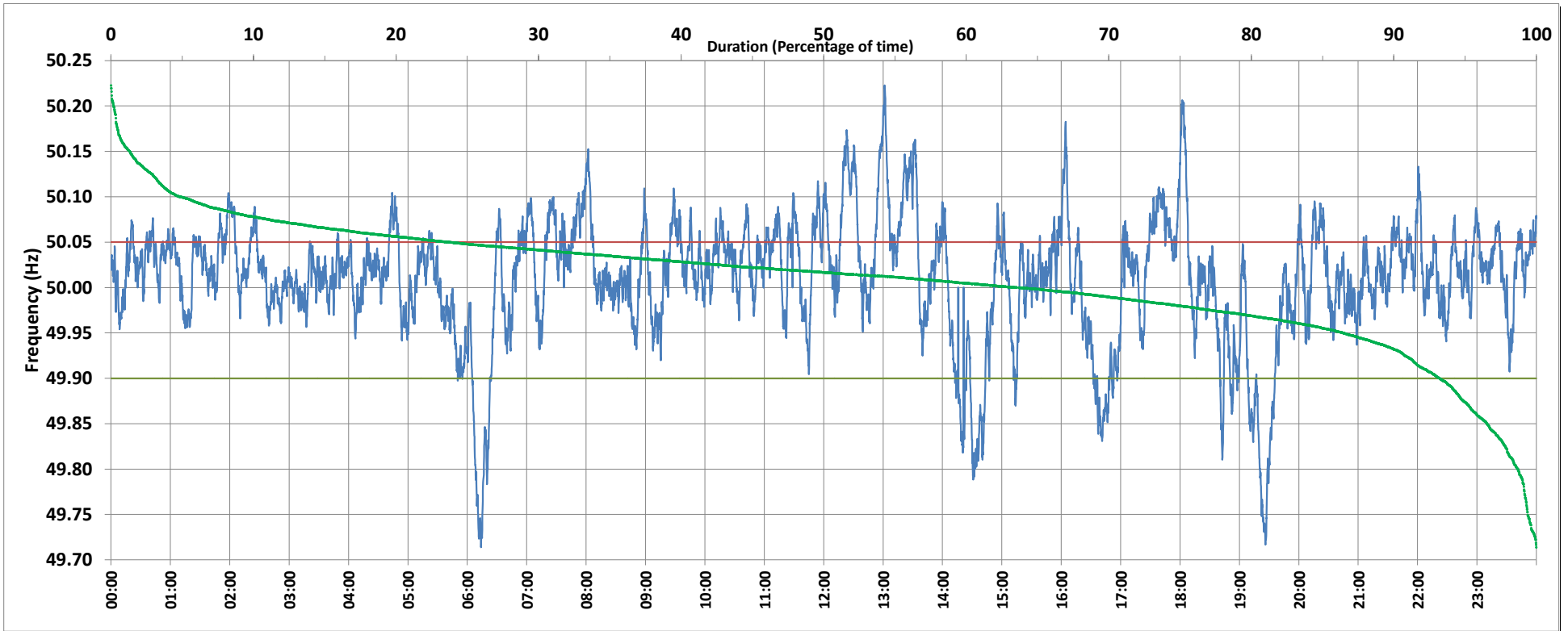


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Jul-2019 (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	6.79	20.43	1.30	5.50	29.51	58.81	4.70	69.54	99.81	40.78	18.92	63.50	38.80	23.67	0.19	13.54	62.79	6.75

Average Frequency : 50.009	Frequency Variation Index : 0.0461	Standard Deviation : 0.0674	Mileage: 48.9	FDI: 30.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.223	13:01:30
Min	49.714	6:13:50

15 minute Average Frequency		
Max	50.113	12:30:00
Min	49.801	19:30:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	115
above 50.00 Hz	173
below 50.00 Hz	169

Average time freq per excursion remains	
below 49.97	0:02:33
above 50.03	0:03:01

No. of hours freq outside 49.9-50.05 Hz	7:18:40
---	---------

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