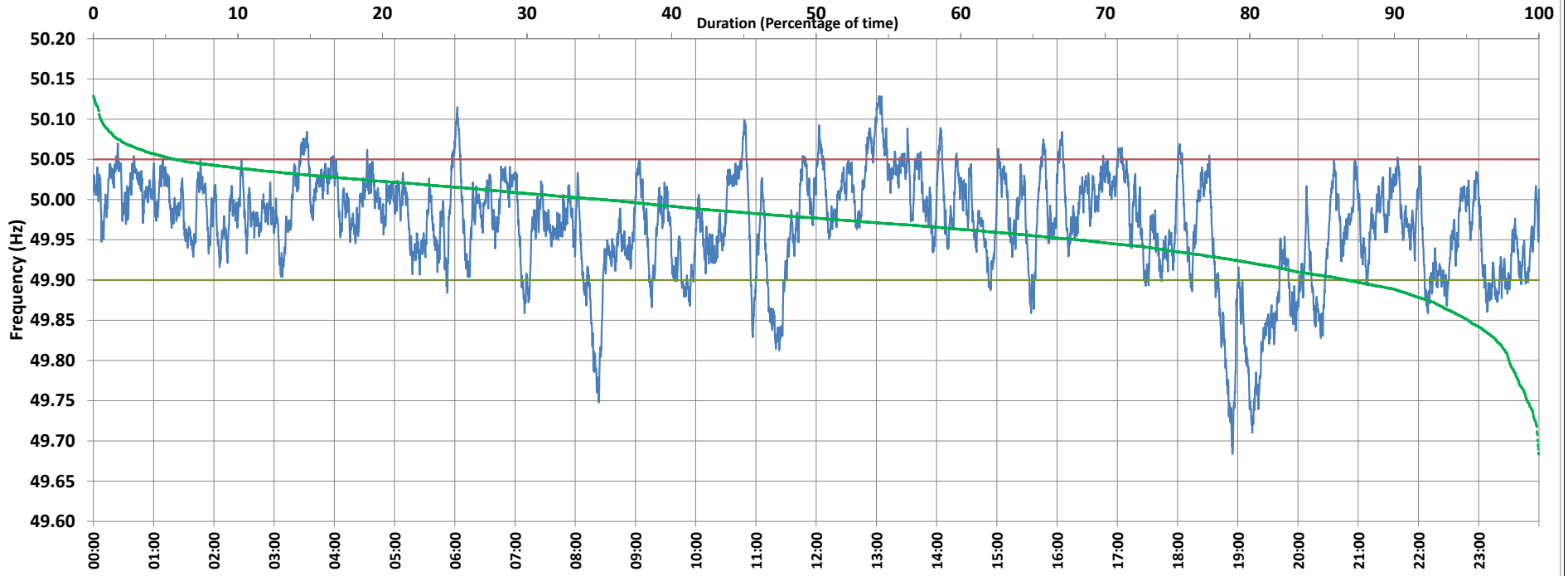


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 02-Sep-2020 (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
0.08	13.25	44.81	1.98	11.19	51.46	34.79	0.50	81.11	99.92	39.98	5.15	35.21	15.21	5.64	0.00	10.00	62.52	-3.25

Average Frequency : 49.969	Frequency Variation Index : 0.0505	Standard Deviation : 0.0641	Mileage: 43.5	FDI: 18.9
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.129	13:02:40
Min	49.684	18:54:30

15 minute Average Frequency		
Max	50.078	13:15:00
Min	49.778	19:00:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	159
above 50.00 Hz	137
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:04:04
above 50.03	0:01:40

No. of hours freq outside 49.9-50.05 Hz	4:32:00
---	---------

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