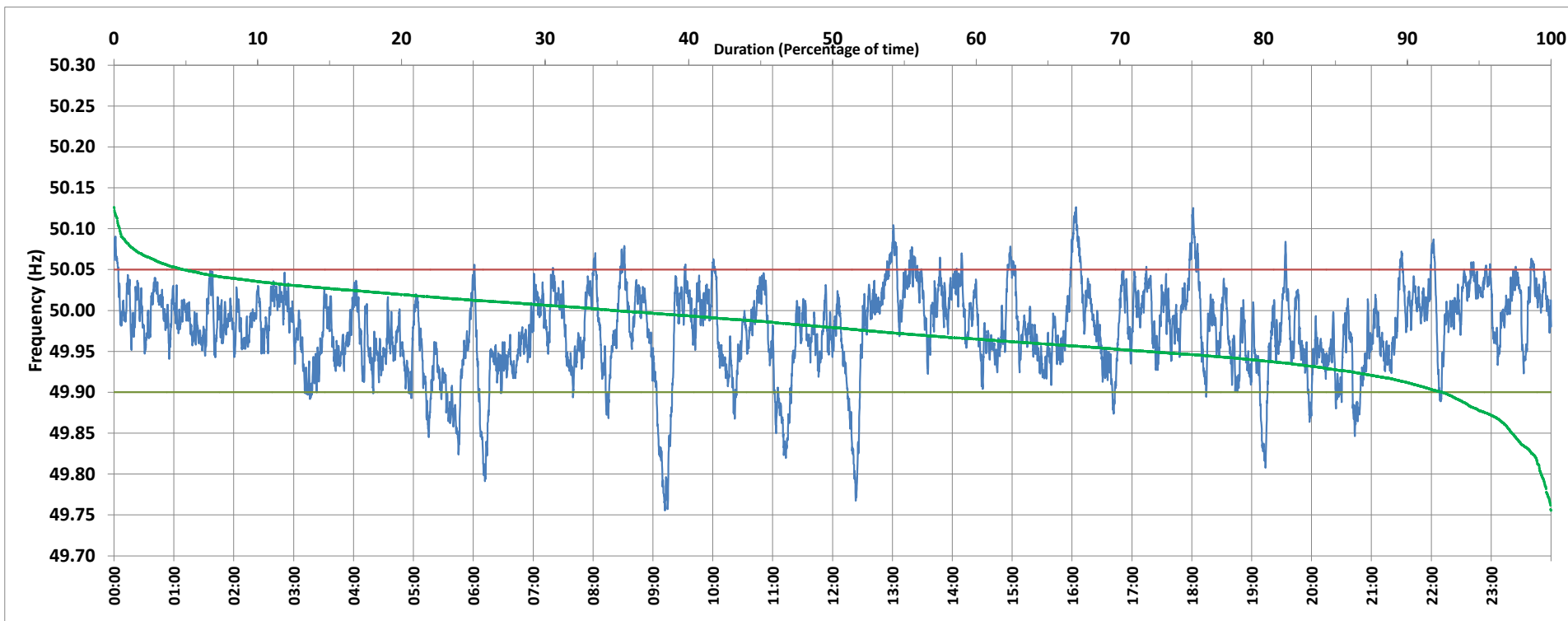


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Jul-2020 (Friday)



<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	7.56	43.78	0.69	6.86	57.53	34.51	0.39	87.62	100.00	43.17	4.46	34.85	13.04	4.83	0.00	28.07	67.11	20.51

Average Frequency : 49.975	Frequency Variation Index : 0.0338	Standard Deviation : 0.0528	Mileage: 46.5	FDI: 12.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.126	16:04:00
Min	49.756	9:12:00

15 minute Average Frequency		
Max	50.059	16:15:00
Min	49.836	9:15:00

No. of excursions	
above 50.03 Hz	129
below 49.97 Hz	162
above 50.00 Hz	180
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:03:54
above 50.03	0:01:27

No. of hours freq outside 49.9-50.05 Hz	2:58:20
---	---------

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