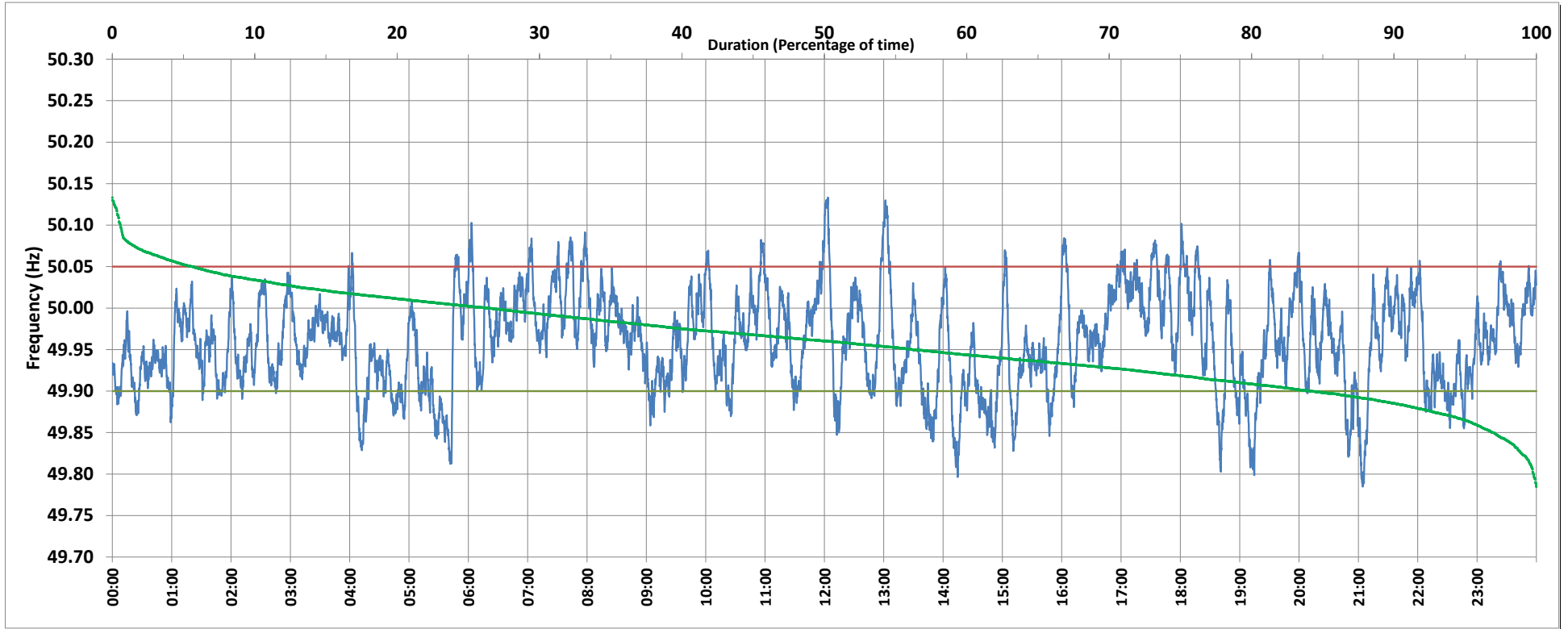


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-May-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
0.00	15.83	56.39	0.21	15.63	57.70	25.90	0.57	78.46	100.00	32.22	5.15	26.37	11.39	5.71	0.00	43.69	50.60	27.86

Average Frequency : 49.960	Frequency Variation Index : 0.0497	Standard Deviation : 0.0578	Mileage: 46.6	FDI: 21.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.133	12:03:30
Min	49.785	21:04:20

15 minute Average Frequency		
Max	50.035	17:15:00
Min	49.866	5:45:00

No. of excursions	
above 50.03 Hz	85
below 49.97 Hz	155
above 50.00 Hz	121
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:05:14
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	5:10:10
---	---------

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