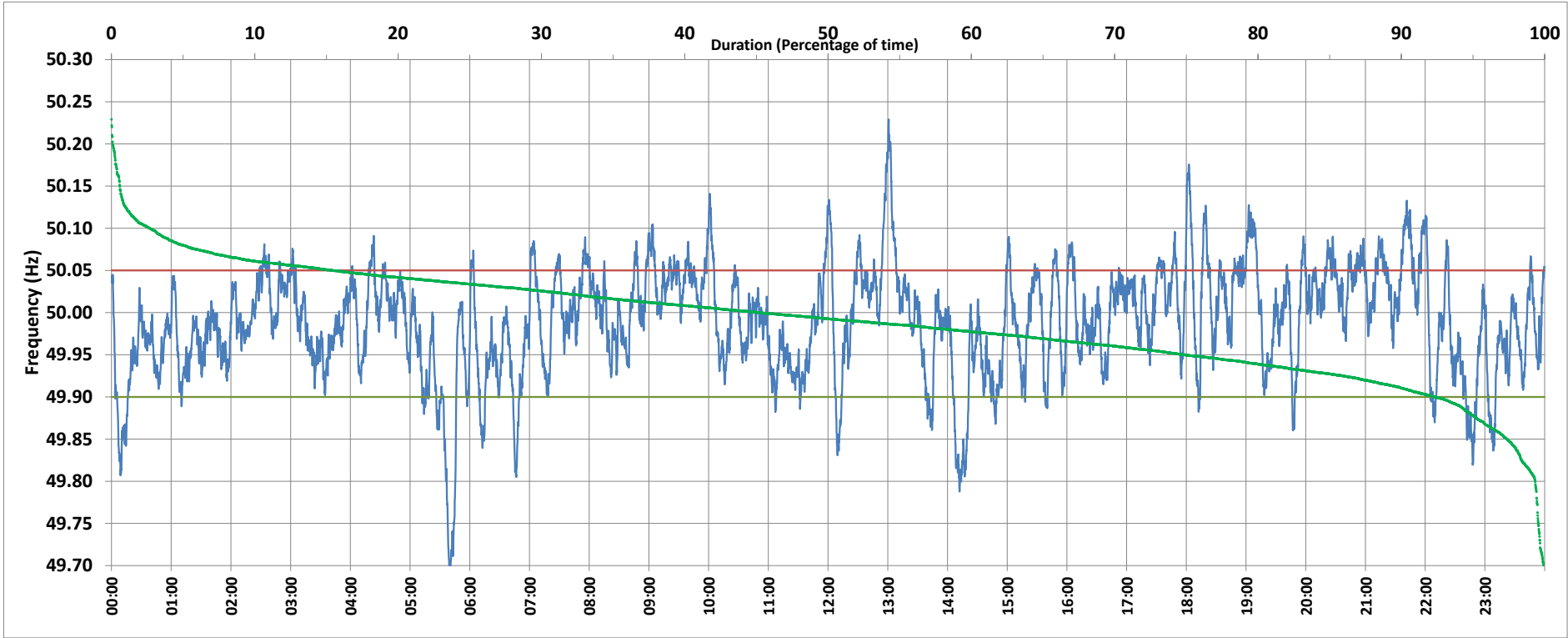


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Mar-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
0.07	7.60	35.46	0.59	6.94	47.08	42.62	2.60	76.98	99.84	37.15	12.81	45.23	27.38	15.42	0.09	25.08	59.50	17.48

Average Frequency : 49.989	Frequency Variation Index : 0.0425	Standard Deviation : 0.0642	Mileage: 46.9	FDI: 23.0
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Instantaneous Frequency		
Max	50.229	13:00:50
Min	49.695	5:40:20

15 minute Average Frequency		
Max	50.088	13:15:00
Min	49.793	5:45:00

No. of excursions	
above 50.03 Hz	133
below 49.97 Hz	140
above 50.00 Hz	152
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:03:39
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	5:31:30
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)