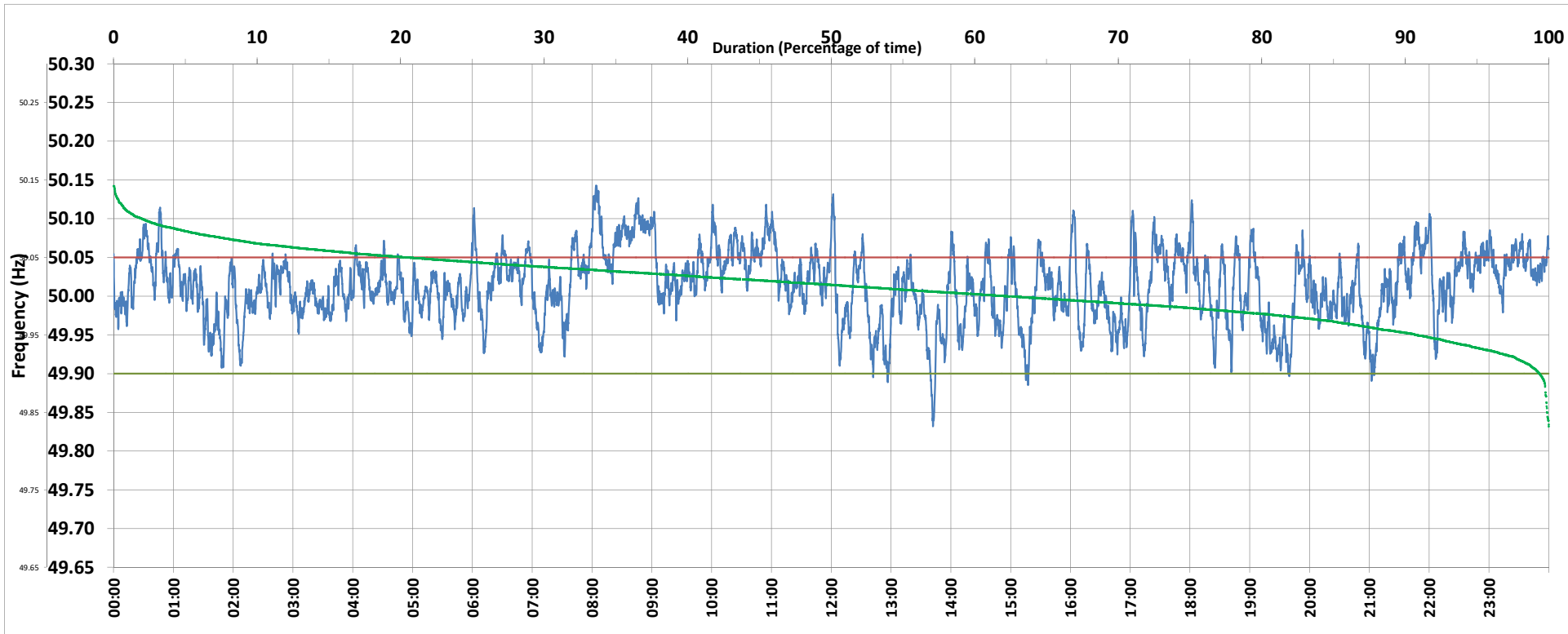


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 02-May-2020 (Saturday)



<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	0.65	16.11	0.00	0.65	36.74	60.63	1.99	78.74	100.00	46.89	18.72	62.41	37.00	20.61	0.00	9.17	70.22	8.52

Average Frequency : 50.013	Frequency Variation Index : 0.0217	Standard Deviation : 0.0448	Mileage: 39.0	FDI: 21.3
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Instantaneous Frequency		
Max	50.143	8:04:00
Min	49.832	13:42:10

15 minute Average Frequency		
Max	50.095	9:00:00
Min	49.926	13:45:00

No. of excursions	
above 50.03 Hz	168
below 49.97 Hz	85
above 50.00 Hz	157
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:02:44
above 50.03	0:03:10

No. of hours freq outside 49.9-50.05 Hz	5:06:10
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Source : SLPR4:Frequency 10 Sec. (8640 samples)