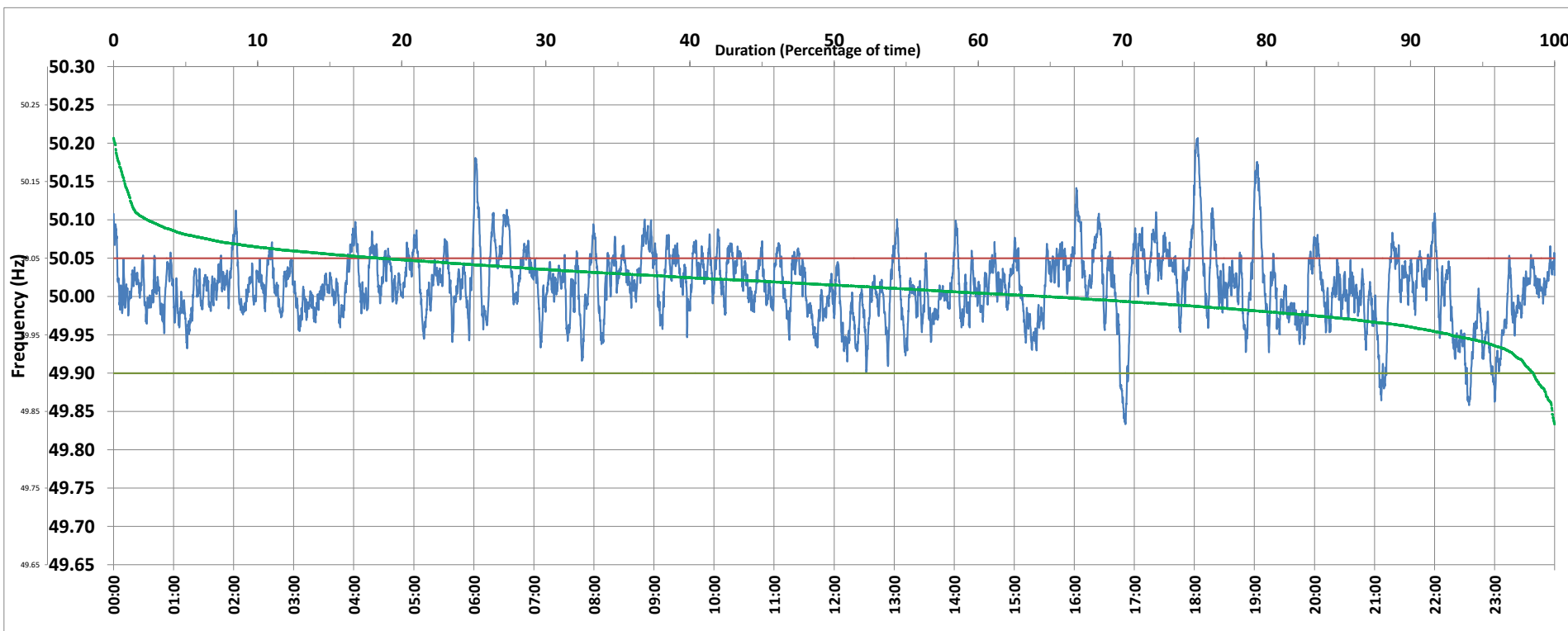


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 13-May-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
0.00	1.49	13.91	0.00	1.49	33.61	62.56	2.23	80.06	99.90	51.27	16.15	64.72	34.81	18.45	0.10	7.23	74.32	5.74

Average Frequency : 50.014	Frequency Variation Index : 0.0221	Standard Deviation : 0.0450	Mileage: 41.0	FDI: 19.9
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Instantaneous Frequency		
Max	50.207	18:03:20
Min	49.834	16:51:00

15 minute Average Frequency		
Max	50.088	18:15:00
Min	49.927	22:45:00

No. of excursions	
above 50.03 Hz	183
below 49.97 Hz	96
above 50.00 Hz	189
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:02:05
above 50.03	0:02:44

No. of hours freq outside 49.9-50.05 Hz	4:47:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)