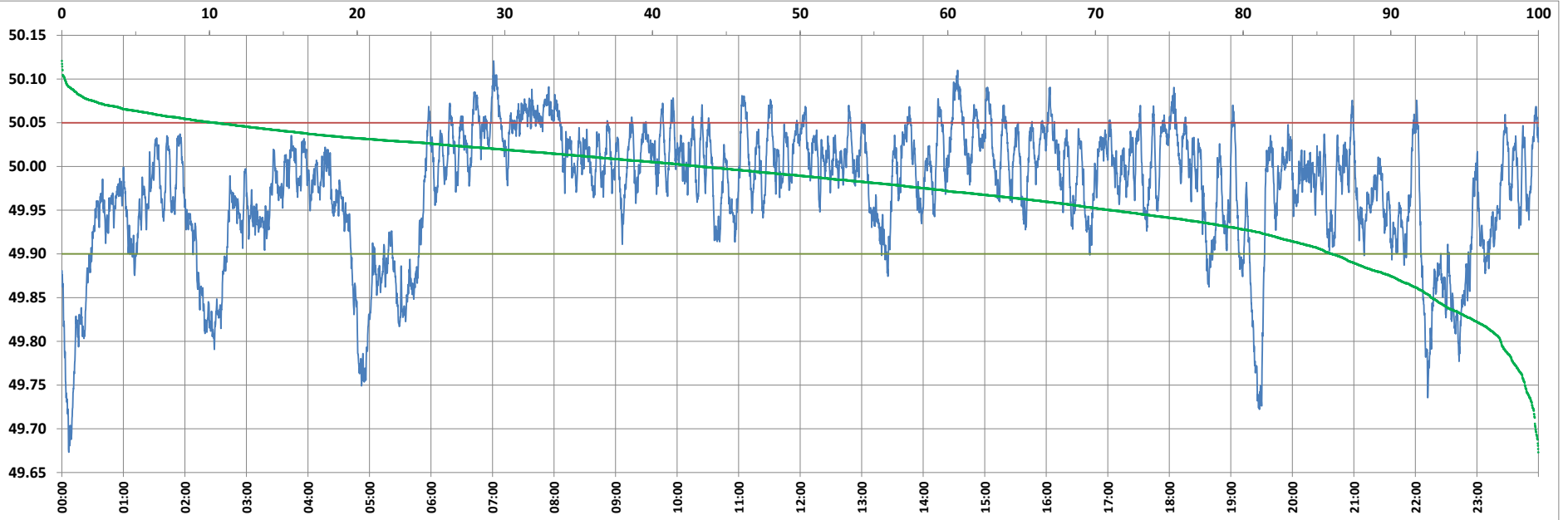


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-May-2022 (Thursday)



<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
0.20	14.00	38.84	2.35	11.46	42.80	43.00	0.20	75.66	99.80	39.40	10.14	43.19	21.76	10.34	0.00	28.98	60.68	14.98

Average Frequency : 49.975	Frequency Variation Index : 0.0562	Standard Deviation : 0.0708	Mileage: 43.1	FDI: 24.3
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Instantaneous Frequency		
Max	50.121	7:01:00
Min	49.673	0:06:40

15 minute Average Frequency		
Max	50.063	8:00:00
Min	49.760	0:15:00

No. of excursions	
above 50.03 Hz	150
below 49.97 Hz	114
above 50.00 Hz	155
below 50.00 Hz	155

Average time freq per excursion remains	
below 49.97	0:04:54
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	5:50:30
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Source : BONGAIGAON 10 Sec. (8640 samples)