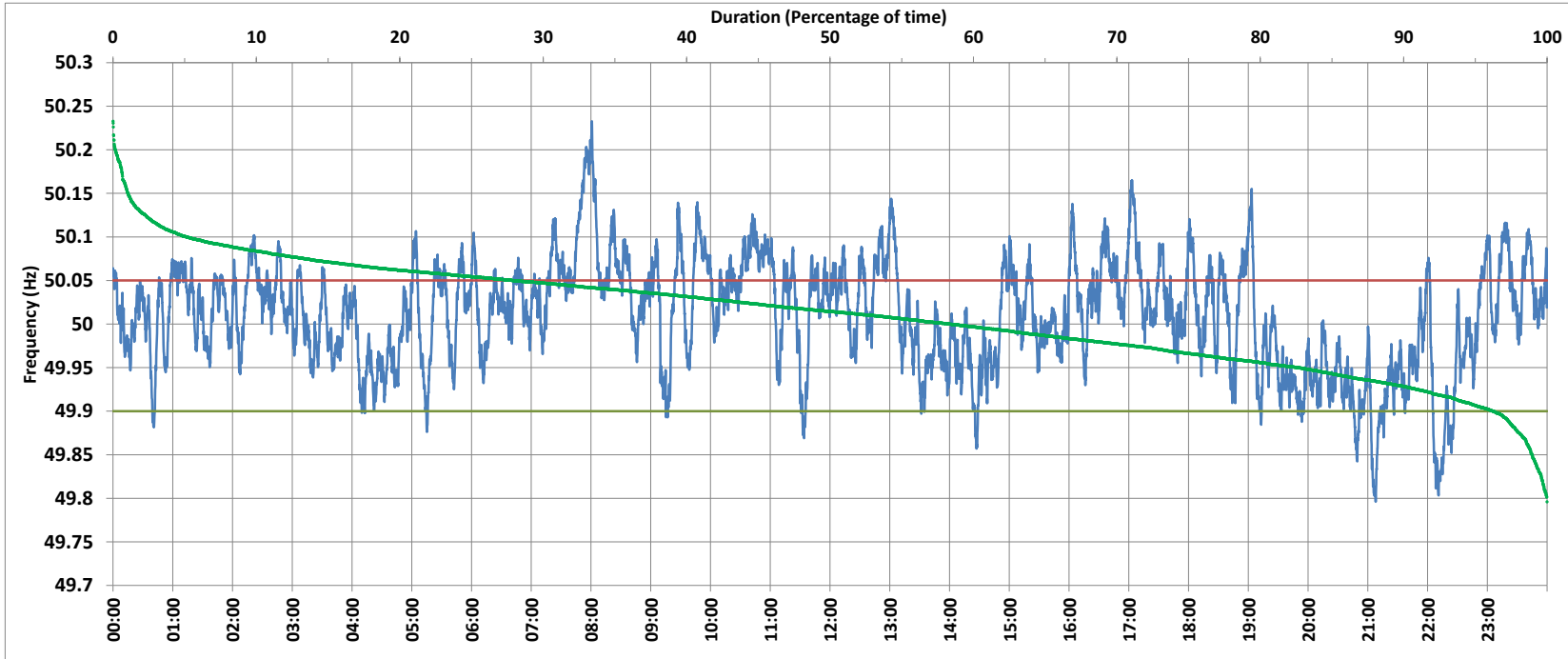


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



400KV KALWA:Frequency

National Grid Frequency Profile for 6-Jul-2017



<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
0.00	3.76	26.62	0.01	3.75	37.82	53.26	4.99	68.34	99.84	32.49	22.79	58.32	40.89	27.89	0.16

Average Frequency :	50.01	Frequency Variation Index :	0.040	Standard Deviation :	0.062
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Instantaneous Frequency		
Max	50.23	8:00:50
Min	49.80	21:07:50

15 minute Average Frequency		
Max	50.159	8:00:00
Min	49.876	21:15:00

No. of excursions above 50.03 Hz	132
No. of excursions below 49.97 Hz	101
No. of excursions above 50.00 Hz	124
No. of excursions below 50.00 Hz	120

Average time freq remains below 49.97 per excursion	0:03:48	Average time frequency remains above 50.03 per excursion	0:04:28
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