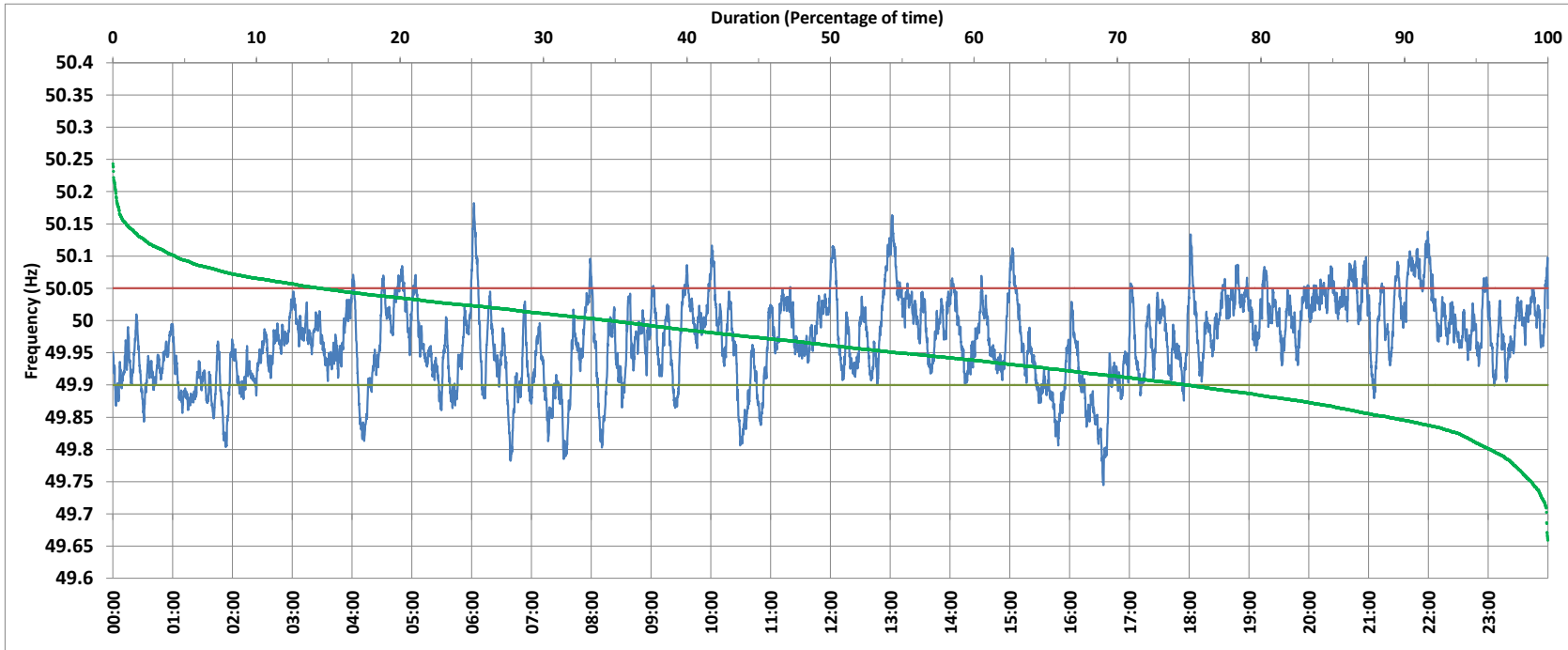


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 31-Oct-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	14.97	49.43	0.60	14.36	50.36	32.96	1.71	75.41	100.00	32.69	7.95	34.59	17.88	9.63	0.00

Average Frequency :	49.969	Frequency Variation Index :	0.052	Standard Deviation :	0.065
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Instantaneous Frequency		
Max	50.182	6:02:10
Min	49.744	16:33:50

15 minute Average Frequency		
Max	50.084	22:00:00
Min	49.849	16:45:00

No. of excursions above 50.03 Hz	128
No. of excursions below 49.97 Hz	121
No. of excursions above 50.00 Hz	128
No. of excursions below 50.00 Hz	129

Average time freq remains below 49.97 per excursion	0:05:53	Average time frequency remains above 50.03 per excursion	0:02:01
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