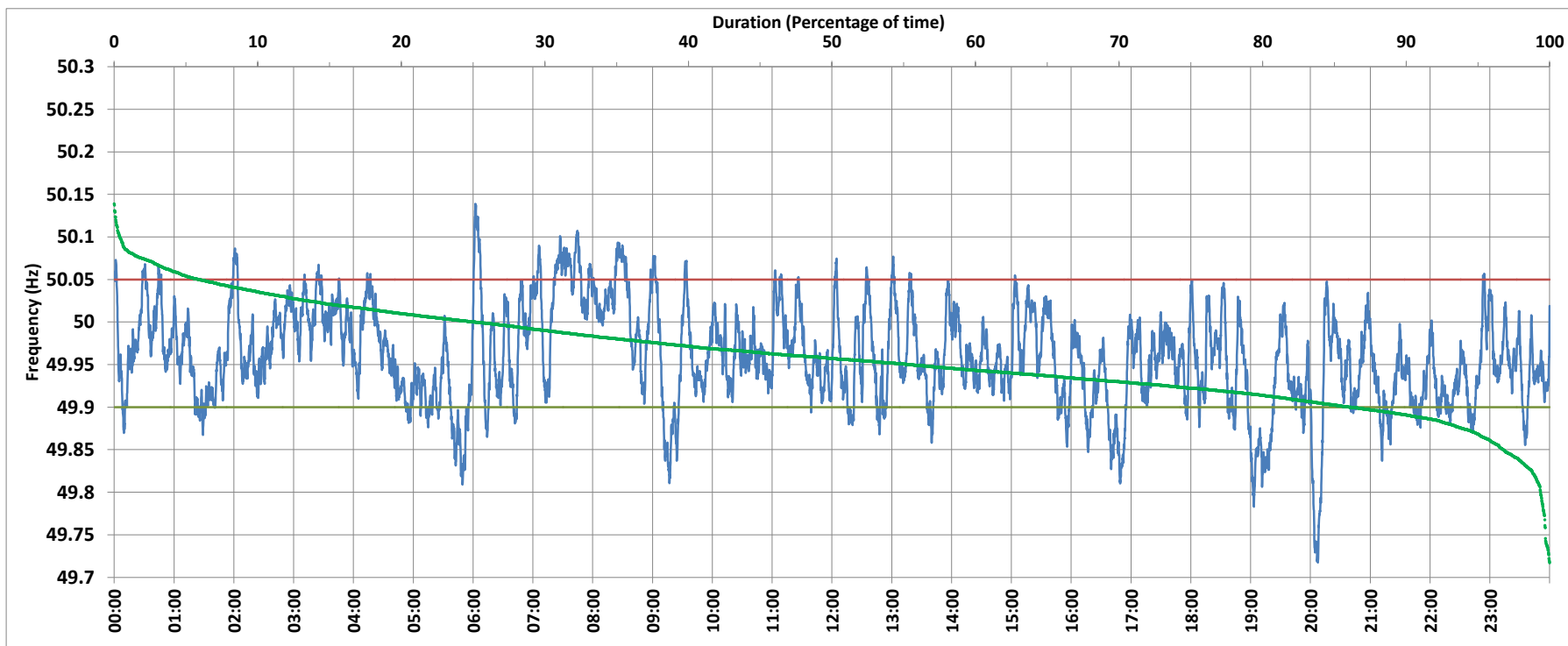


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 6/Sep/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	13.88	59.16	0.64	13.24	60.97	24.76	0.39	80.23	100.00	29.04	5.52	25.09	11.81	5.89	0.00

Average Frequency :	49.960	Frequency Variation Index :	0.050	Standard Deviation :	0.058
---------------------	--------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.139	6:02:20
Min	49.717	20:07:30

15 minute Average Frequency		
Max	50.071	7:45:00
Min	49.820	20:15:00

No. of excursions above 50.03 Hz	62
No. of excursions below 49.97 Hz	136
No. of excursions above 50.00 Hz	116
No. of excursions below 50.00 Hz	114

Average time freq remains below 49.97 per excursion	0:06:16	Average time frequency remains above 50.03 per excursion	0:02:45
-----------------------------------------------------	---------	----------------------------------------------------------	---------