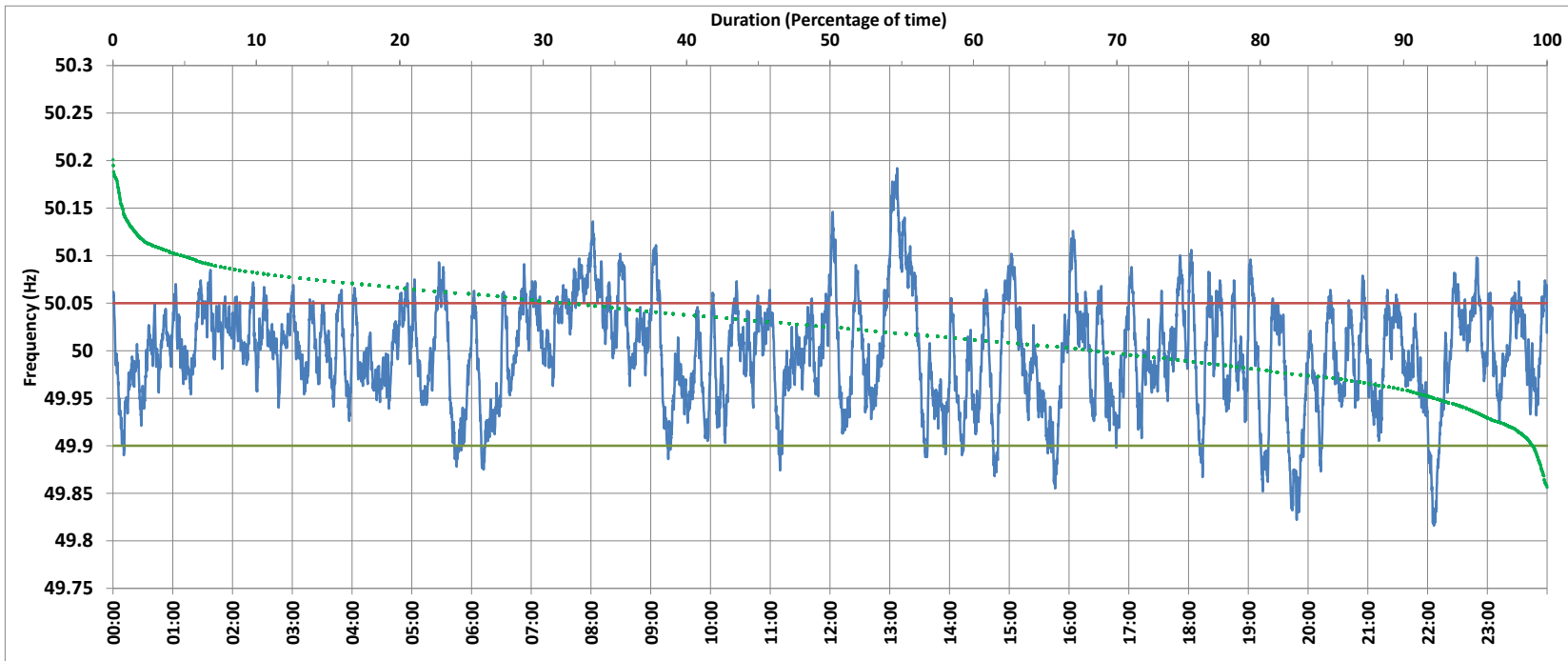


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



MEERUT:Frequency

National Grid Frequency Profile for 13-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	4.57	29.55	0.00	4.57	44.66	48.62	2.14	78.74	100.00	40.74	15.25	49.54	29.71	16.69	0.00

Average Frequency :	50.00	Frequency Variation Index :	0.030	Standard Deviation :	0.055
---------------------	-------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.19	13:07:20
Min	49.82	22:06:20

15 minute Average Frequency		
Max	50.141	13:15:00
Min	49.875	22:15:00

No. of excursions above 50.03 Hz	134
No. of excursions below 49.97 Hz	109
No. of excursions above 50.00 Hz	112
No. of excursions below 50.00 Hz	102

Average time freq remains below 49.97 per excursion	0:03:54	Average time frequency remains above 50.03 per excursion	0:03:12
---	---------	--	---------