

POWER SYSTEM OPERATION CORPORATION LIMITED

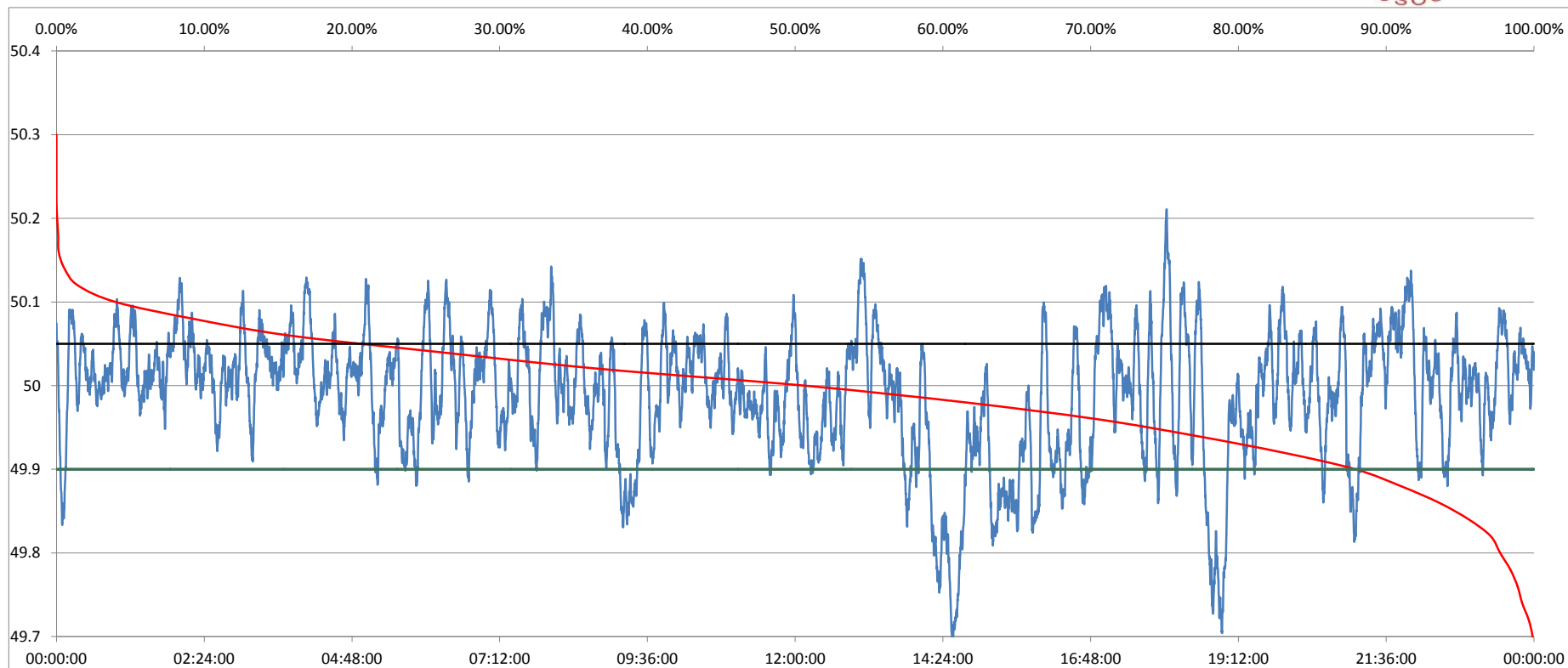
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

National Grid Frequency Profile for

18-Mar-16



DURGAPUR:Frequency



<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
0.09	12.06	33.90	2.20	9.77	37.27	46.66	3.97	67.43	99.86	35.08	16.59	50.64	31.02	20.51	0.05

Average Frequency	49.99	Frequency Variation Index :	0.059	Standard Deviation :	0.076
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.211	18:02:00
Min	49.68	14:33:30

15 minute average Frequency		
Max	50.084	22:00:00
Min	49.758	14:45:00

No. of excursion above 50.03 Hz	127
No. of excursion below 49.97 Hz	115
No. of excursion above 50.00 Hz	140
No. of excursion below 50.00 Hz	140

Average time freq remains below 49.97 per excursion	0:04:15	Average time frequency remains above 50.03 per excursion	0:03:31
--	----------------	---	----------------