



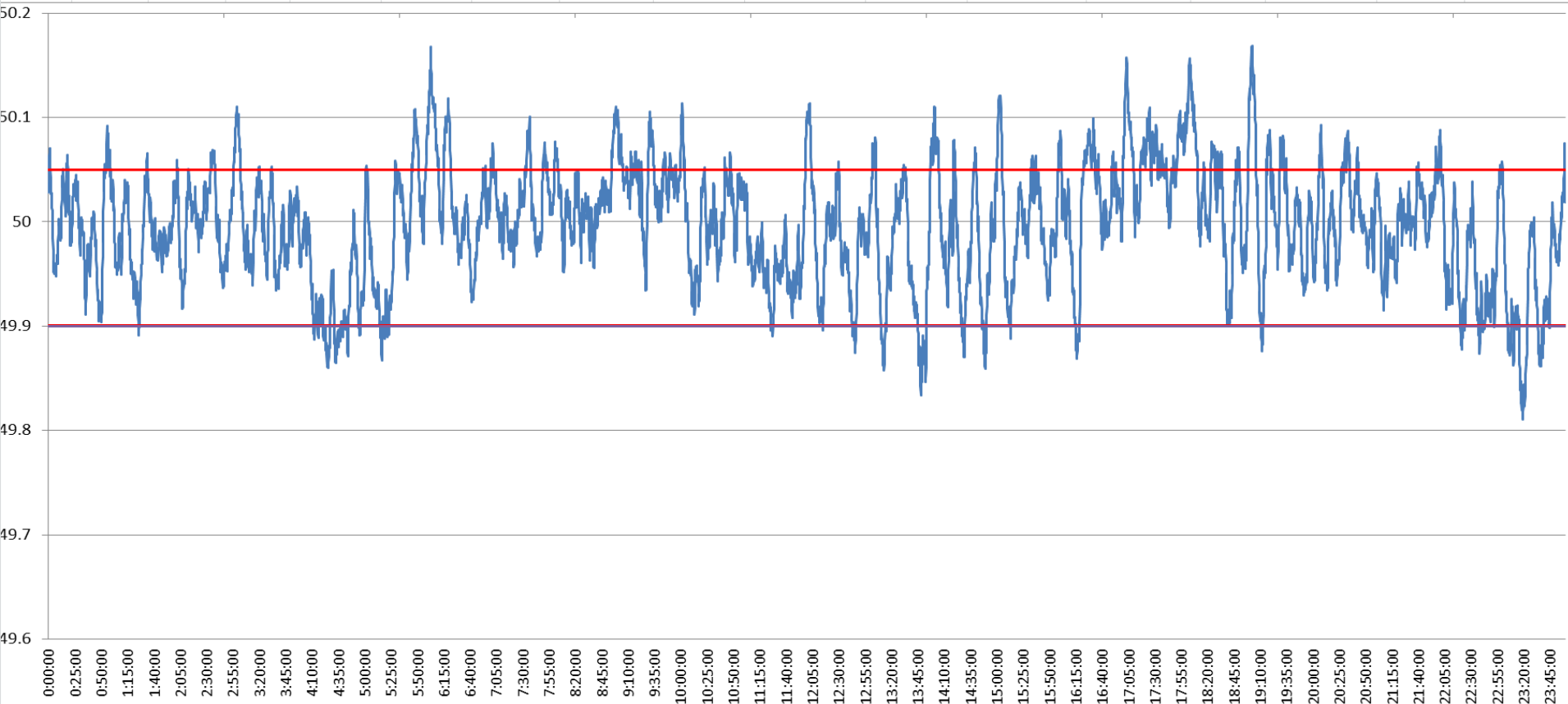
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

05-Jun-16



<49.2	<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	0.00	5.65	30.93	0.00	5.65	45.06	46.61	2.69	77.77	100.00	41.32	13.95	49.21	27.75	16.59	0.00

Average Frequency	50.00	Frequency Variation Index :	0.032	Standard Deviation :	0.056
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	152
Max	50.17 19:02:20	Max	50.078 18:15:00	No. of excursion below 49.97 Hz	134
Min	49.81 23:19:30	Min	49.897 4:45:00	No. of excursion above 50.00 Hz	156
				No. of excursion below 50.00 Hz	153

Average time freq remains below 49.97 per excursion	0:03:19	Average time frequency remains above 50.03 per excursion	0:02:38
--	----------------	---	----------------