

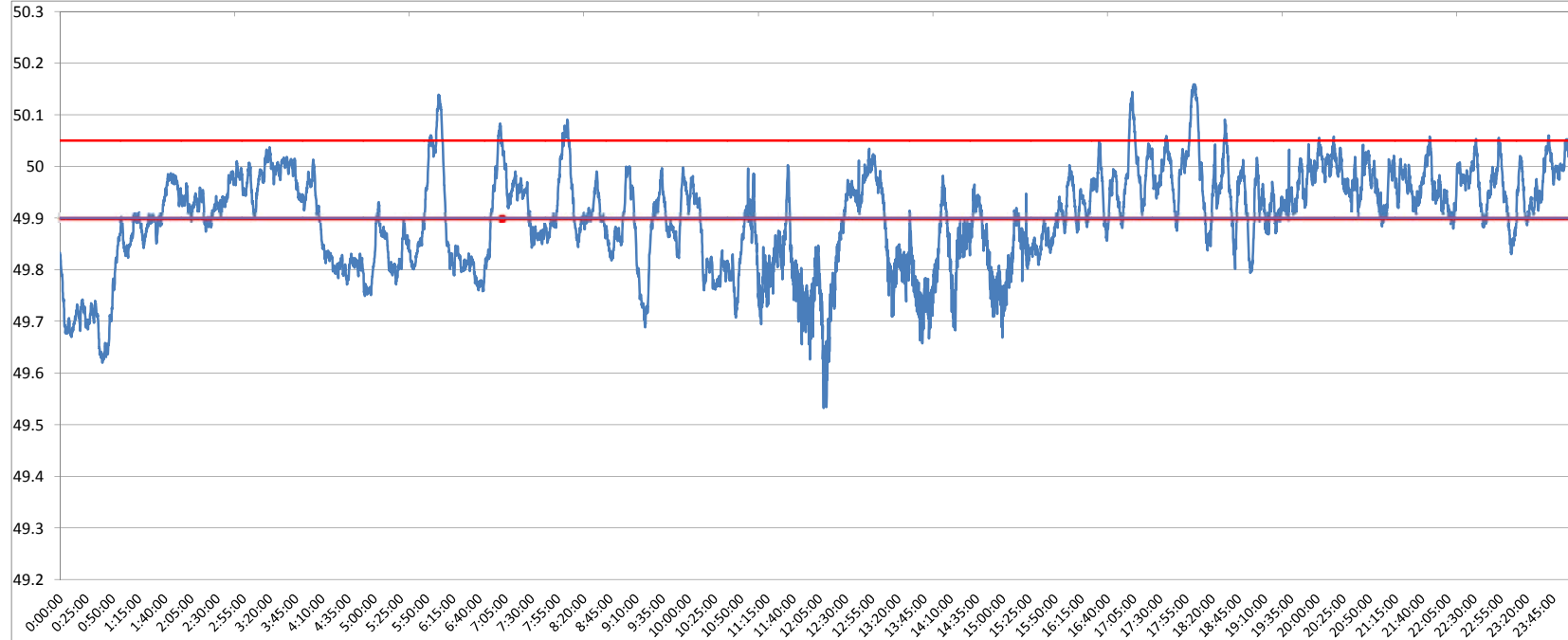


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

05-Sep-15



<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	2.70	45.84	75.03	13.06	30.09	41.82	11.37	0.97	51.61	97.30	20.01	1.59	12.27	4.95	2.55	0.00

Average Frequency		49.90	Frequency Variation Index :		0.193	Standard Deviation :		0.095
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		50
Max	50.16	18:03:20	Max	50.035	18:15:00	No. of excursion below 49.97 Hz		125
Min	49.53	12:08:50	Min	49.674	0:45:00	No. of excursion above 50.00 Hz		98
Average time freq remains below 49.97 per excursion		0:08:39	Average time frequency remains above 50.03 per excursion		0:01:26	No. of excursion below 50.00 Hz		99