



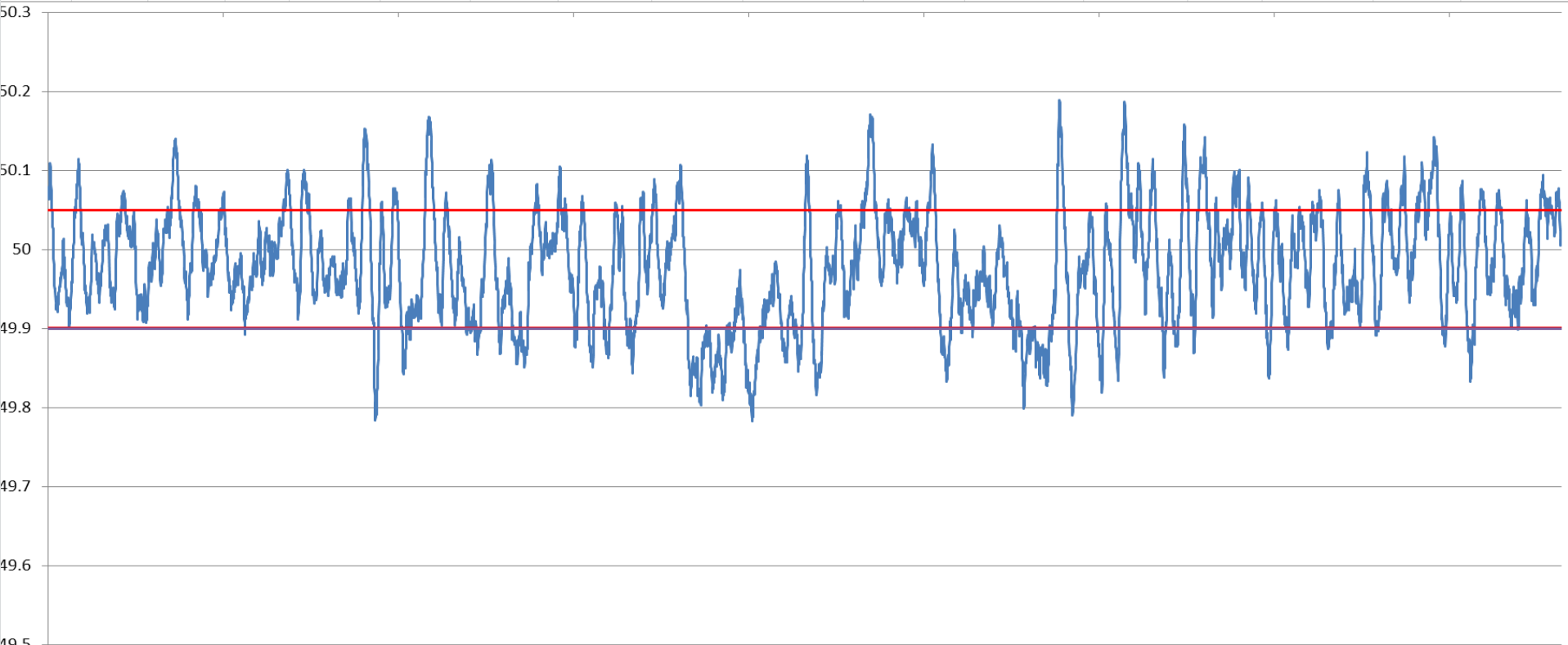
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

27-Nov-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	0.00	15.23	46.61	0.28	14.95	46.45	34.51	3.81	67.92	100.00	27.79	13.11	38.29	25.60	16.85	0.00

Average Frequency		49.98	Frequency Variation Index :		0.056	Standard Deviation :		0.072
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		115
Max	50.19	16:02:20	Max	50.081	17:15:00	No. of excursion below 49.97 Hz		128
Min	49.78	11:10:00	Min	49.844	11:15:00	No. of excursion above 50.00 Hz		107
Average time freq remains below 49.97 per excursion		0:05:15	Average time frequency remains above 50.03 per excursion		0:03:12	No. of excursion below 50.00 Hz		109