

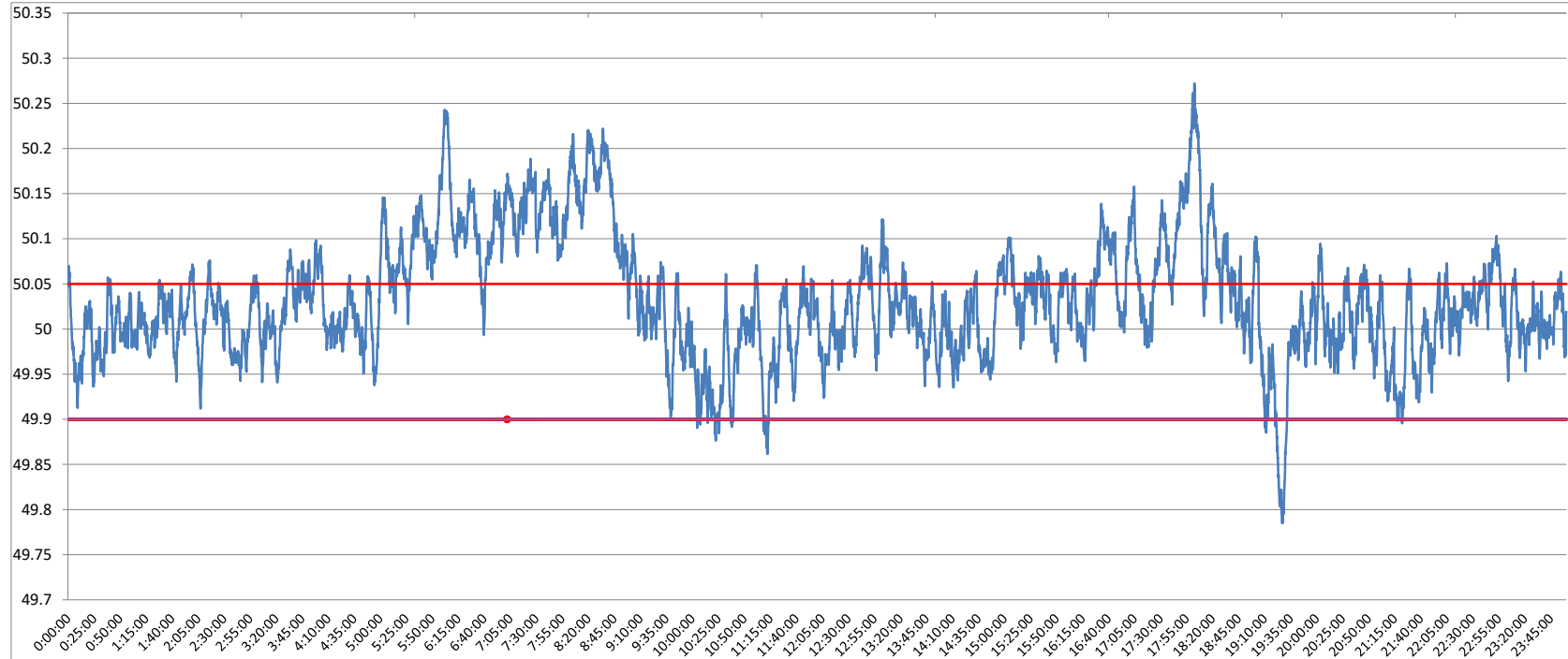


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

28-May-17



<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	1.60	14.24	0.14	1.46	31.22	51.82	13.82	64.76	98.45	40.02	18.39	67.09	45.74	33.65	1.55

Average Frequency	50.03	Frequency Variation Index :	0.054	Standard Deviation :	0.066
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.27 18:02:30
Min	49.79 19:26:50

15 minute average Frequency		
Max	50.182	8:30:00
Min	49.874	19:30:00

No. of excursion above 50.03 Hz	154
No. of excursion below 49.97 Hz	107
No. of excursion above 50.00 Hz	167
No. of excursion below 50.00 Hz	167

Average time freq remains below 49.97 per excursion	0:01:55	Average time frequency remains above 50.03 per excursion	0:04:17
---	---------	--	---------