

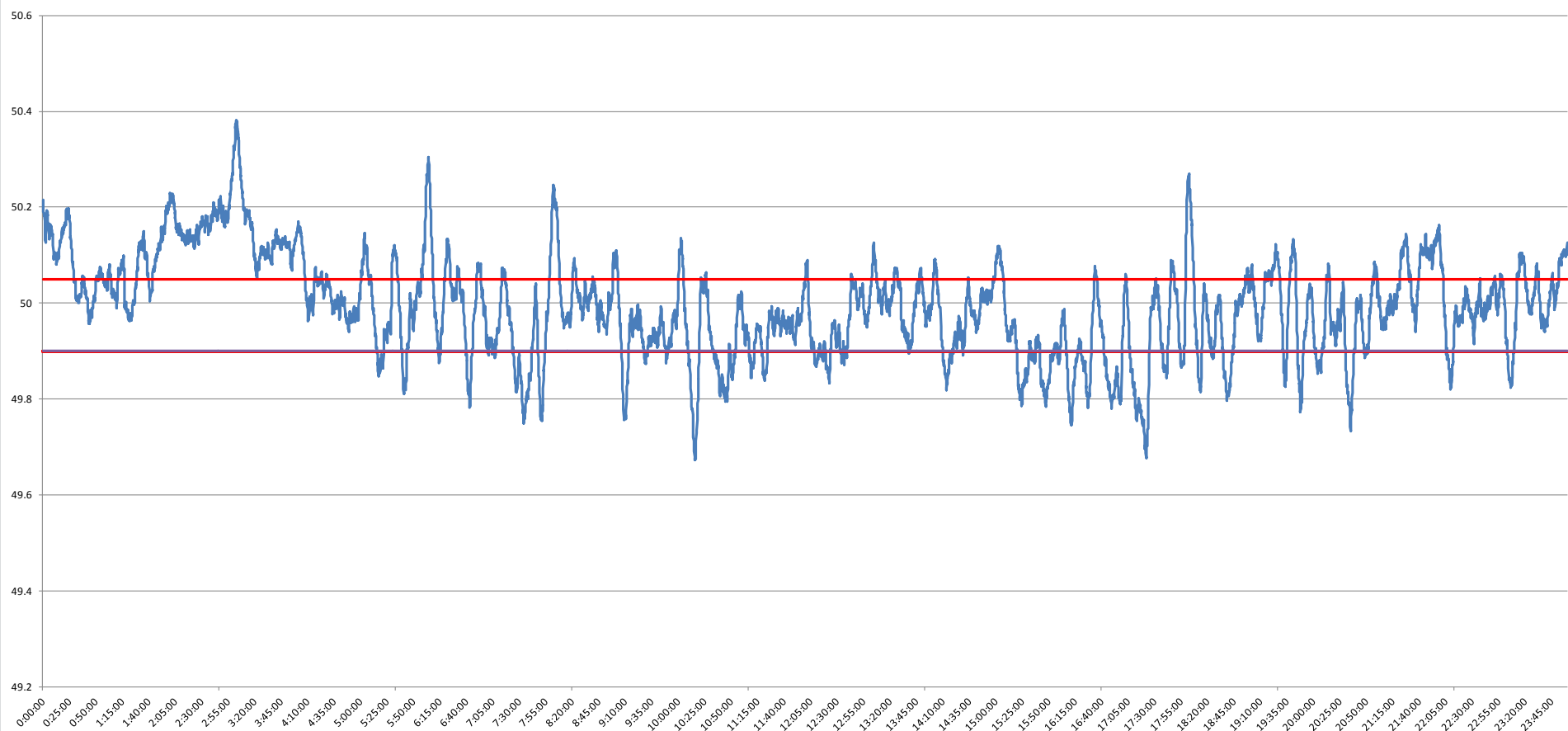
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

03-Jan-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	0.21	19.21	41.00	2.89	16.11	34.75	30.03	13.56	53.51	97.35	25.01	11.30	46.03	33.99	27.28	2.44

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.112</b>	<b>Standard Deviation :</b>	<b>0.106</b>
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<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>87</b>
<b>MAX</b>	<b>50.38</b>	<b>3:03:00</b>	<b>Max</b>	<b>50.265</b>	<b>3:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>101</b>
<b>Min</b>	<b>49.67</b>	<b>10:16:00</b>	<b>Min</b>	<b>49.824</b>	<b>17:00:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>105</b>
						<b>No. of excursion below 50.00 Hz</b>		<b>103</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:05:51</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:05:38</b>
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