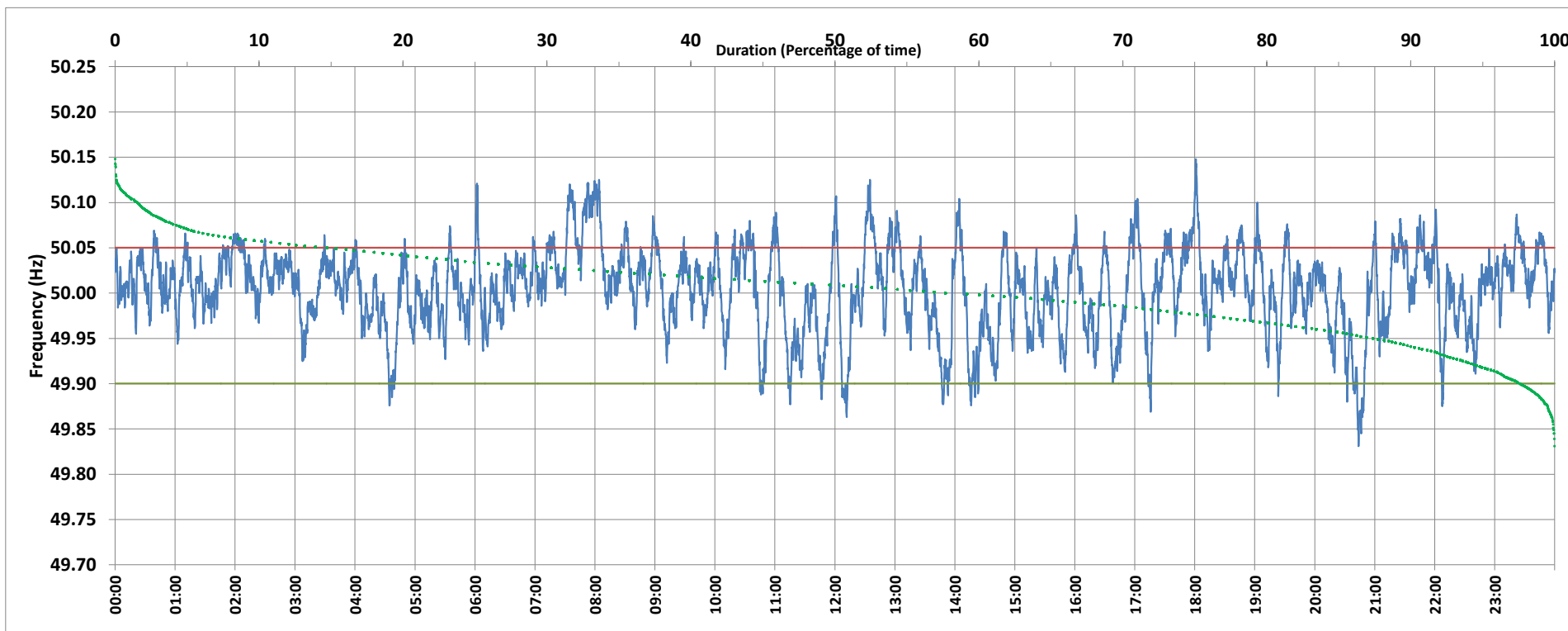


**POWER SYSTEM OPERATION CORPORATION LIMITED**

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jun-2020 (Tuesday)



<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	<49.95	49.95-50.05	49.90-49.95
0.00	2.33	20.97	0.00	2.33	38.50	57.57	1.61	82.96	100.00	50.56	13.82	57.67	28.47	14.71	0.00	12.28	73.01	9.95

Average Frequency : 50.004	Frequency Variation Index : 0.0213	Standard Deviation : 0.0459	Mileage: 45.1	FDI: 17.0
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Instantaneous Frequency		
Max	50.148	18:01:00
Min	49.831	20:43:50

15 minute Average Frequency		
Max	50.089	8:00:00
Min	49.911	20:45:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	105
above 50.00 Hz	135
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:02:53
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	4:05:20
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Source : SARUSUJAI:Frequency 10 Sec. (8640 samples)