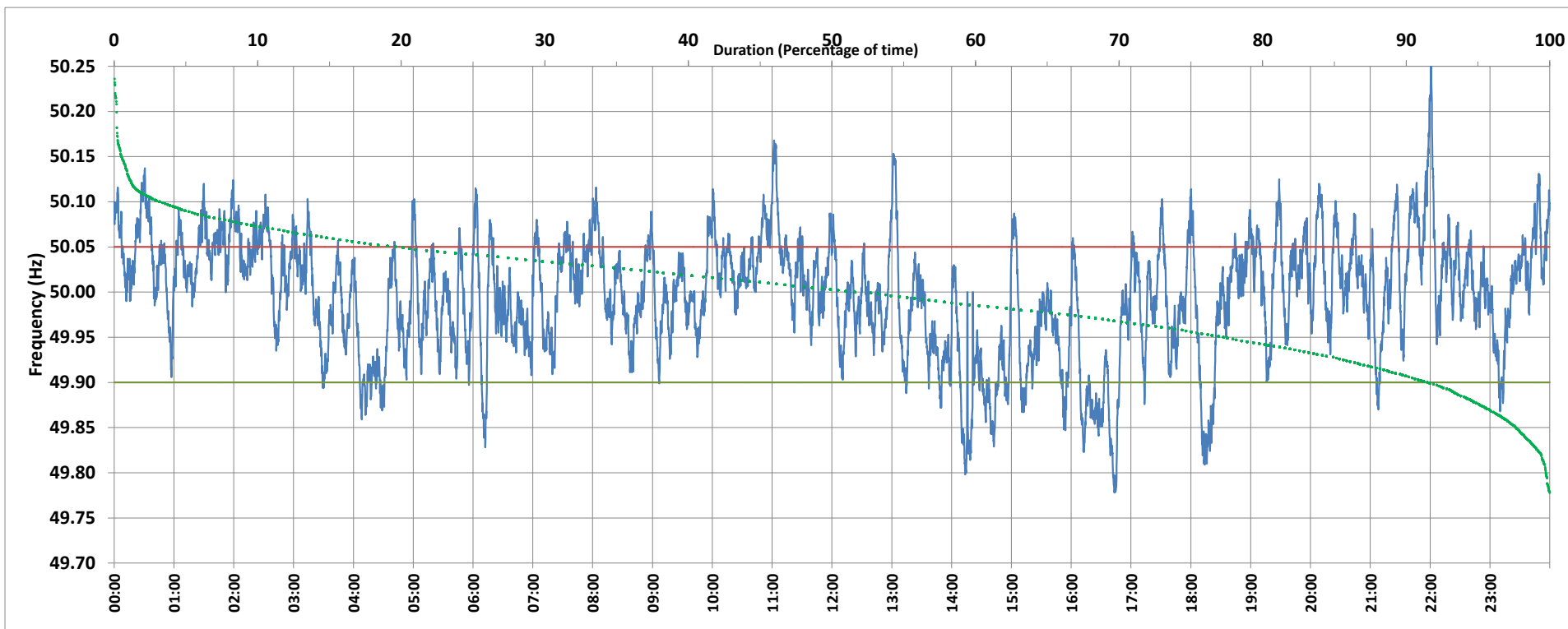


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jan-2020 (Thursday)



<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	8.36	30.75	0.27	8.09	38.95	49.32	3.21	72.06	99.83	36.66	16.97	51.59	32.59	19.58	0.17	22.47	57.95	14.11

Average Frequency : 49.996	Frequency Variation Index : 0.0424	Standard Deviation : 0.0650	Mileage: 53.7	FDI: 27.9
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Instantaneous Frequency		
Max	50.258	22:00:50
Min	49.778	16:43:10

15 minute Average Frequency		
Max	50.095	22:00:00
Min	49.856	16:45:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	118
above 50.00 Hz	110
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:03:45
above 50.03	0:03:16

No. of hours freq outside 49.9-50.05 Hz	6:42:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)