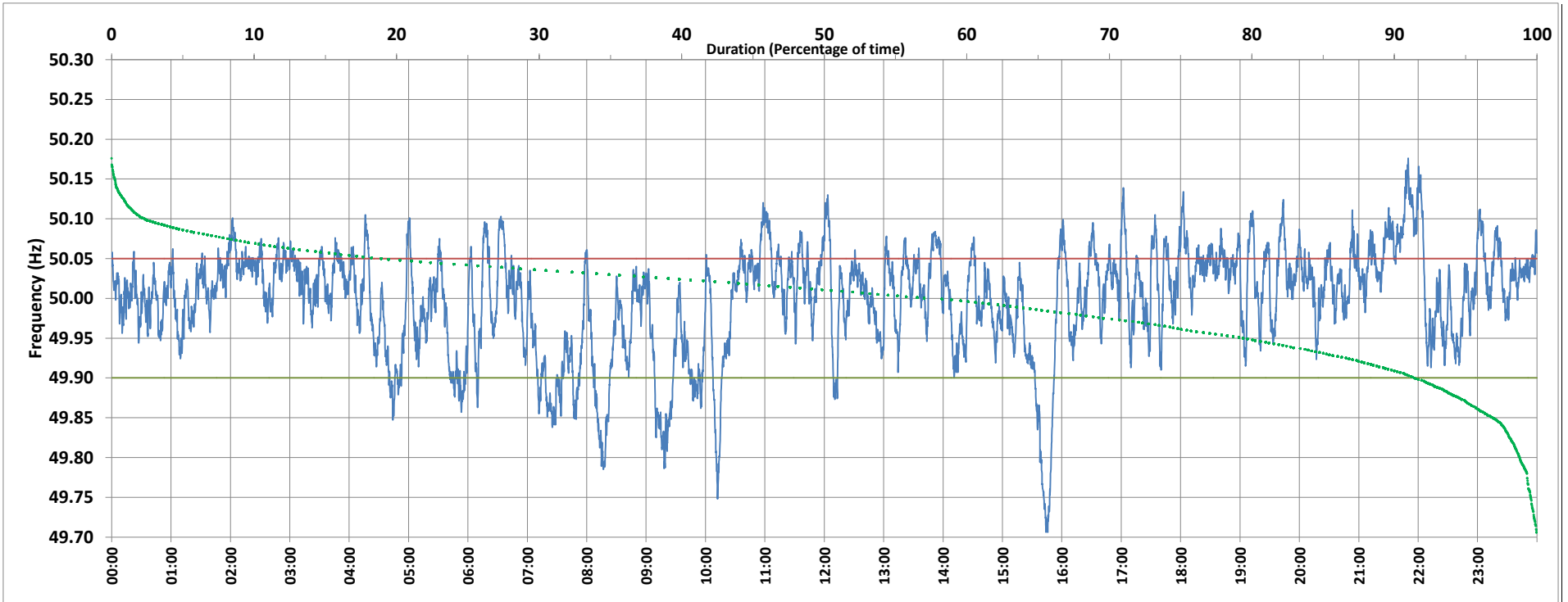


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Dec-2020 (Monday)



<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	8.51	27.69	1.18	7.33	33.24	55.86	2.40	72.59	100.00	37.43	17.12	57.00	34.88	18.90	0.00	20.31	60.79	11.81

Average Frequency : 49.998	Frequency Variation Index : 0.0441	Standard Deviation : 0.0664	Mileage: 49.8	FDI: 27.4
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Instantaneous Frequency	
Max	50.176 21:49:50
Min	49.706 15:44:00

15 minute Average Frequency	
Max	50.121 22:00:00
Min	49.822 15:45:00

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	98
above 50.00 Hz	120
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:04:04
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	6:34:40
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)