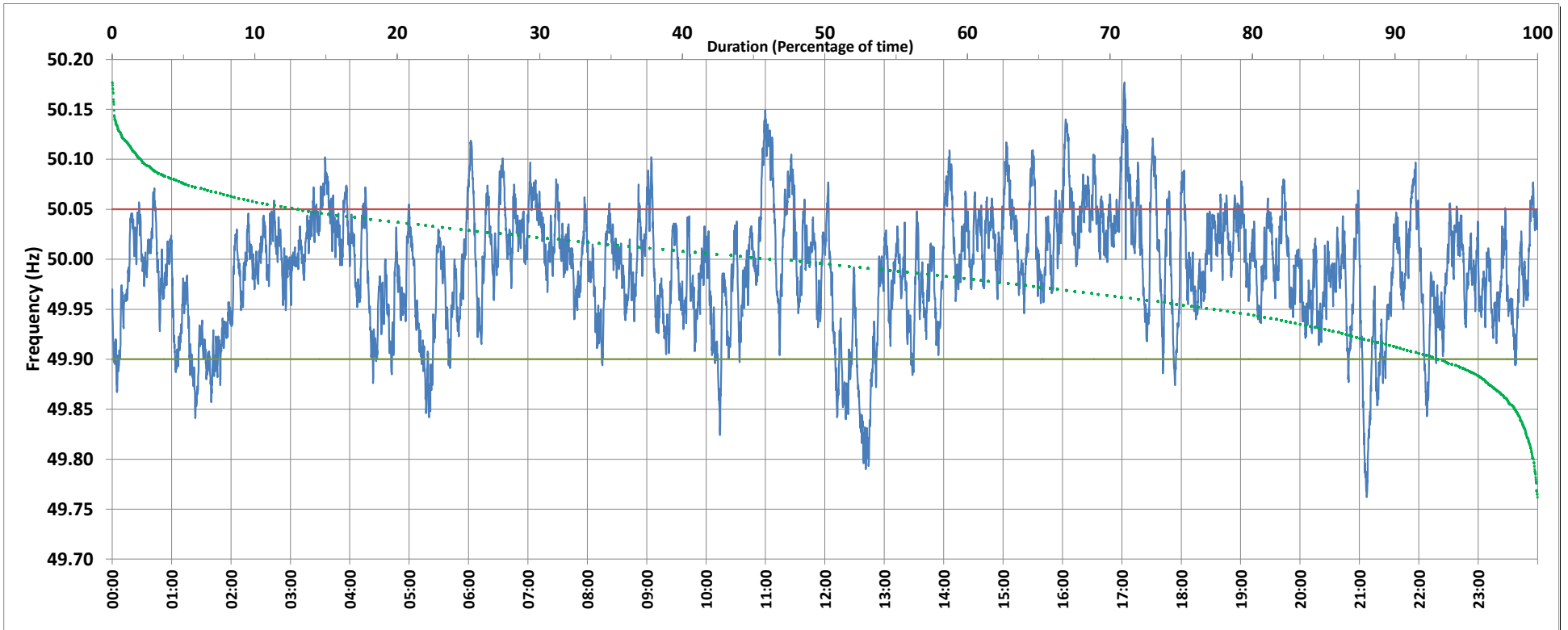


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Nov-2019 (Saturday)



<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	6.68	33.06	0.27	6.41	45.69	45.57	2.06	80.30	100.00	42.49	11.37	46.11	24.46	13.02	0.00	22.26	64.72	15.58

Average Frequency : 49.990	Frequency Variation Index : 0.0342	Standard Deviation : 0.0578	Mileage: 55.4	FDI: 19.7
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Instantaneous Frequency		
Max	50.177	17:02:40
Min	49.762	21:07:20

15 minute Average Frequency		
Max	50.081	17:15:00
Min	49.847	12:45:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	132
above 50.00 Hz	149
below 50.00 Hz	146

Average time freq per excursion remains	
below 49.97	0:03:36
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	4:43:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)