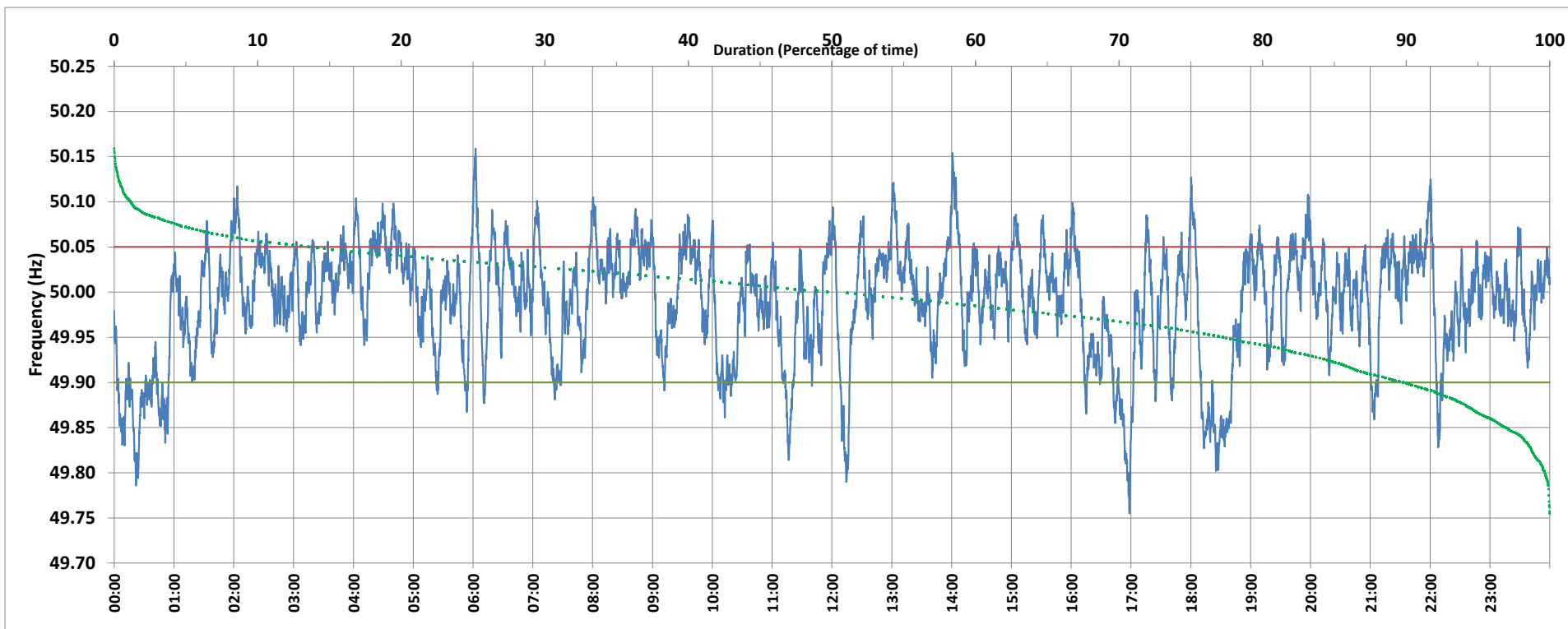


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Jan-2020 (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	9.99	30.82	0.32	9.66	38.96	49.86	1.19	76.46	100.00	41.57	13.02	49.68	27.60	13.55	0.00	22.55	63.90	12.56

Average Frequency : 49.990	Frequency Variation Index : 0.0391	Standard Deviation : 0.0617	Mileage: 51.3	FDI: 23.5
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Instantaneous Frequency		
Max	50.159	6:02:30
Min	49.755	16:58:20

15 minute Average Frequency		
Max	50.056	4:45:00
Min	49.844	17:00:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	116
above 50.00 Hz	129
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:03:50
above 50.03	0:02:12

No. of hours freq outside 49.9-50.05 Hz	5:39:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)