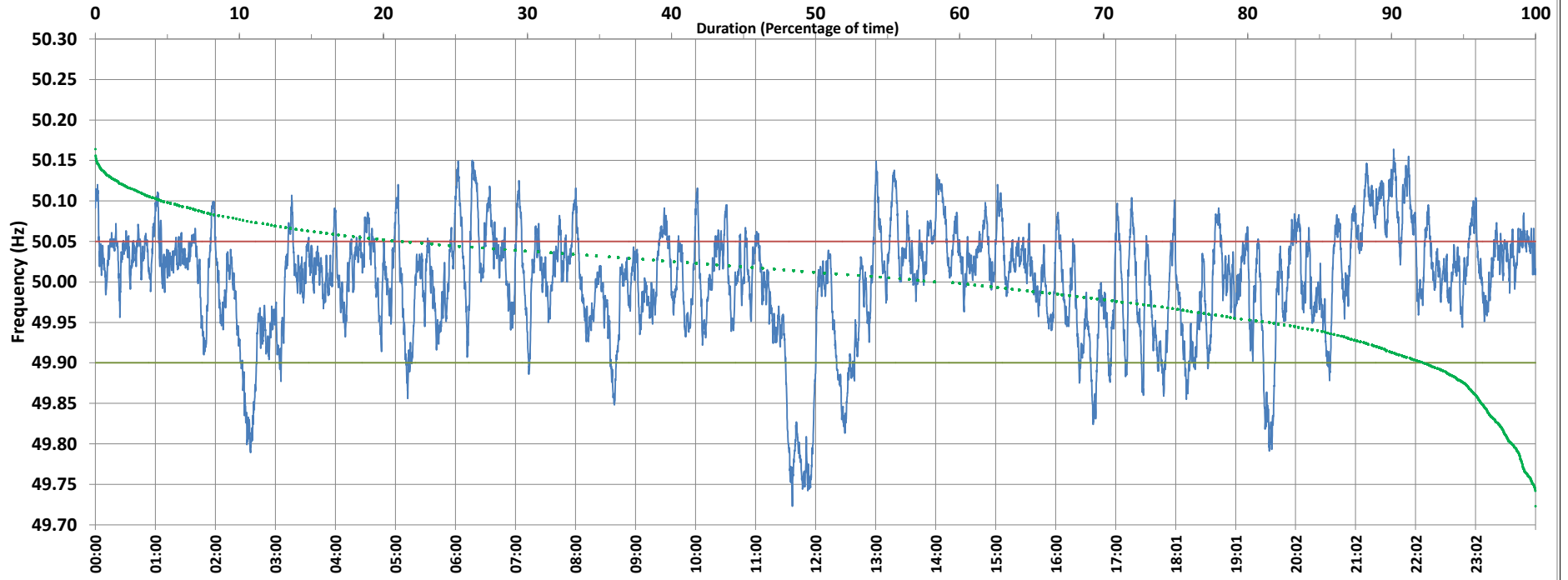


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Dec-2020 (Friday)



<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	7.66	25.94	1.61	6.05	32.82	54.77	4.75	71.03	100.00	37.77	17.29	58.24	36.30	21.31	0.00	18.17	60.52	10.51

Average Frequency : 50.002	Frequency Variation Index : 0.0465	Standard Deviation : 0.0682	Mileage: 51.0	FDI: 29.0
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Instantaneous Frequency		
Max	50.164	21:40:00
Min	49.723	11:36:40

15 minute Average Frequency		
Max	50.100	21:45:00
Min	49.780	12:00:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	88
above 50.00 Hz	107
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	6:57:10
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Source : SARUSUJAI:Frequency 10 Sec. (8640 samples)