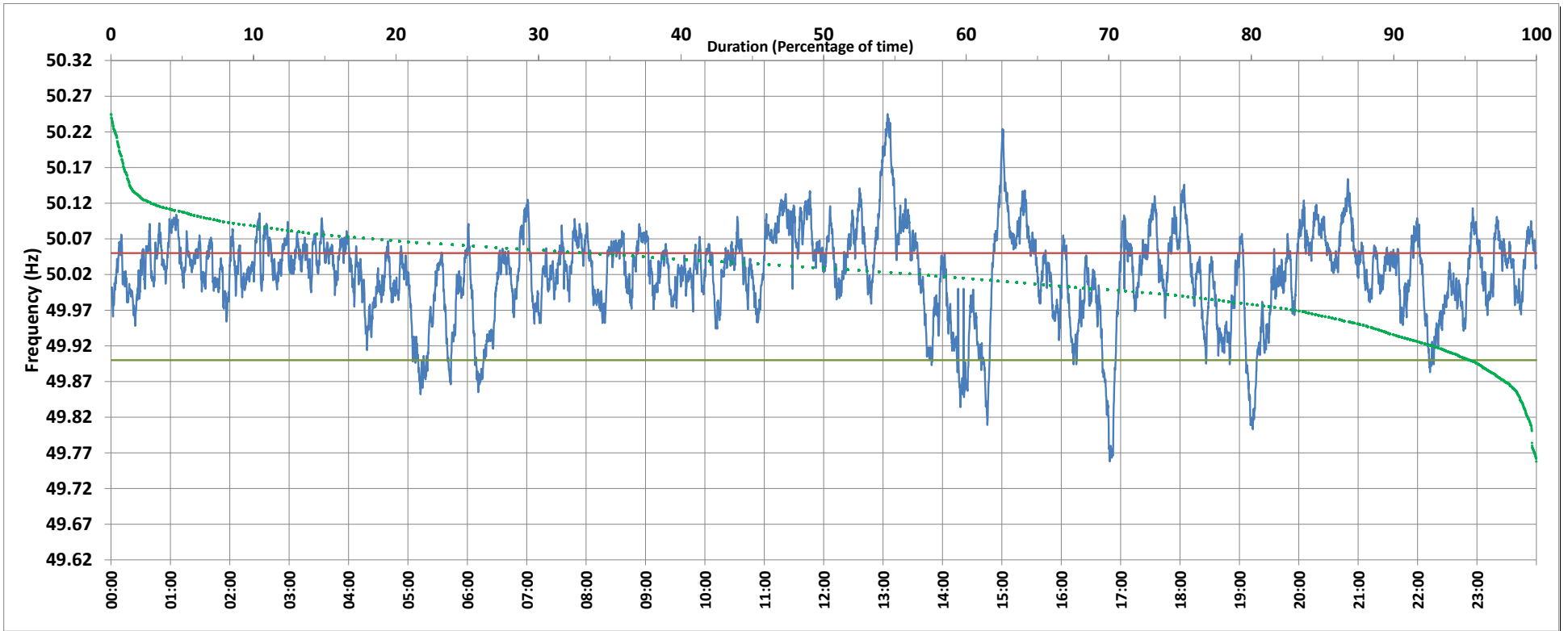


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Aug-2019 (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	4.57	16.67	0.31	4.26	25.52	63.21	6.16	61.81	99.46	34.06	27.80	68.68	49.27	33.62	0.54	12.15	54.22	7.58

Average Frequency : 50.021	Frequency Variation Index : 0.0437	Standard Deviation : 0.0626	Mileage: 46.5	FDI: 38.2
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Instantaneous Frequency		
Max	50.245	13:04:30
Min	49.758	16:49:00

15 minute Average Frequency		
Max	50.169	13:15:00
Min	49.870	17:00:00

No. of excursions	
above 50.03 Hz	149
below 49.97 Hz	57
above 50.00 Hz	98
below 50.00 Hz	91

Average time freq per excursion remains	
below 49.97	0:04:13
above 50.03	0:04:46

No. of hours freq outside 49.9-50.05 Hz	9:10:00
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)