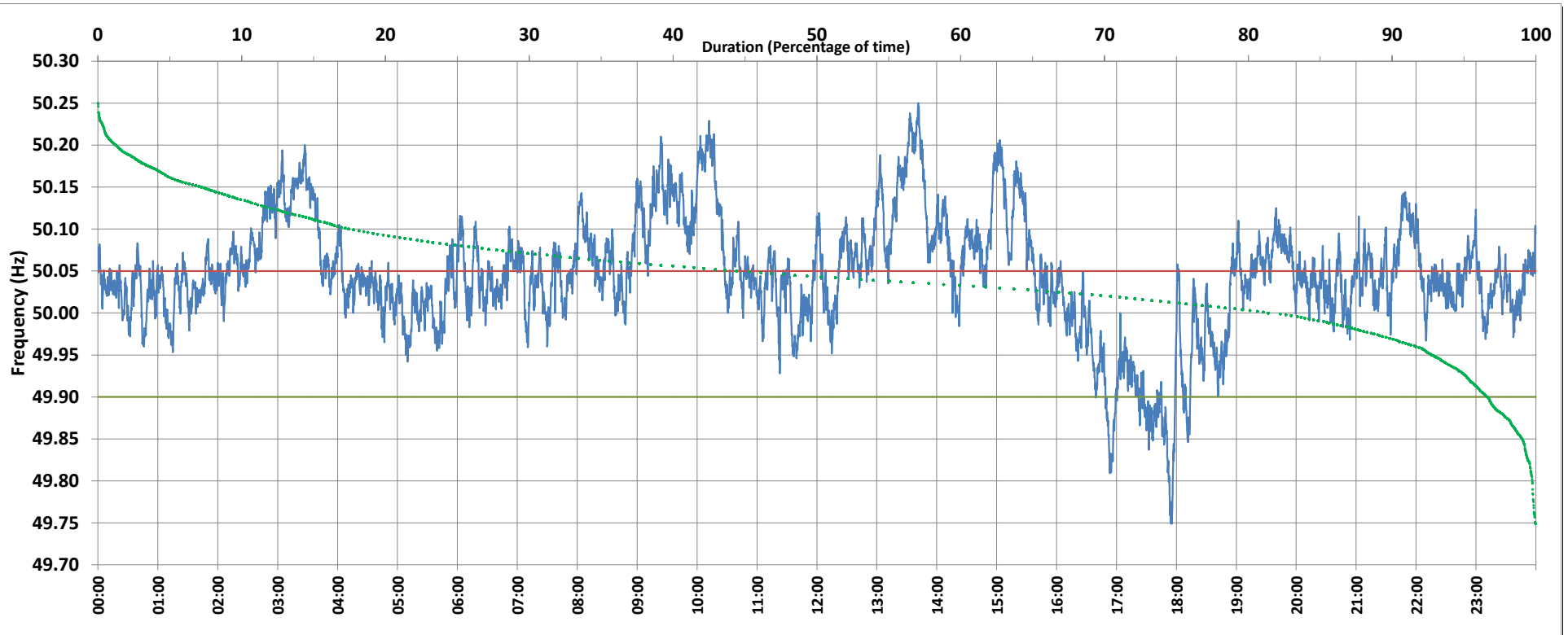


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Sep-2019 (Sunday)



<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	3.33	9.94	0.25	3.08	14.46	64.43	16.47	52.27	98.69	27.35	27.86	81.38	62.71	44.40	1.31	7.12	48.48	3.78

Average Frequency : 50.046	Frequency Variation Index : 0.0672	Standard Deviation : 0.0681	Mileage: 51.3	FDI: 47.7
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Instantaneous Frequency		
Max	50.250	13:41:20
Min	49.749	17:54:30

15 minute Average Frequency		
Max	50.212	13:45:00
Min	49.838	18:00:00

No. of excursions	
above 50.03 Hz	175
below 49.97 Hz	45
above 50.00 Hz	83
below 50.00 Hz	81

Average time freq per excursion remains	
below 49.97	0:03:11
above 50.03	0:05:10

No. of hours freq outside 49.9-50.05 Hz	11:27:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)