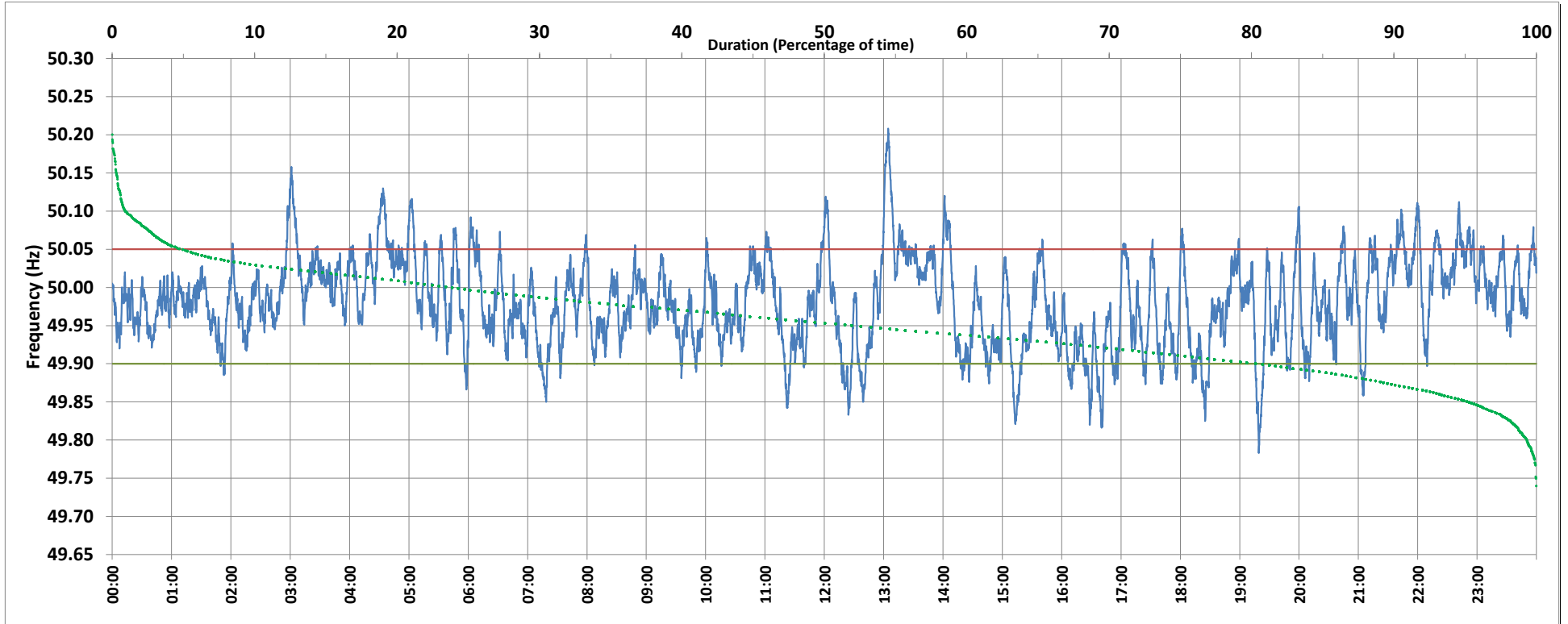


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Dec-2018 (Tuesday)



<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	8.00	42.84	0.05	7.95	54.11	35.86	2.00	81.91	99.97	36.64	8.53	36.56	20.52	10.09	0.03	29.51	60.39	21.52

Average Frequency : 49.981	Frequency Variation Index : 0.0369	Standard Deviation : 0.0575	Mileage: 47.3	FDI: 18.1
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Instantaneous Frequency		
Max	50.208	13:04:30
Min	49.783	19:19:20

15 minute Average Frequency		
Max	50.109	13:15:00
Min	49.890	18:30:00

No. of excursions	
above 50.03 Hz	97
below 49.97 Hz	141
above 50.00 Hz	104
below 50.00 Hz	107

Average time freq per excursion remains	
below 49.97	0:04:22
above 50.03	0:03:03

No. of hours freq outside 49.9-50.05 Hz	4:20:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)