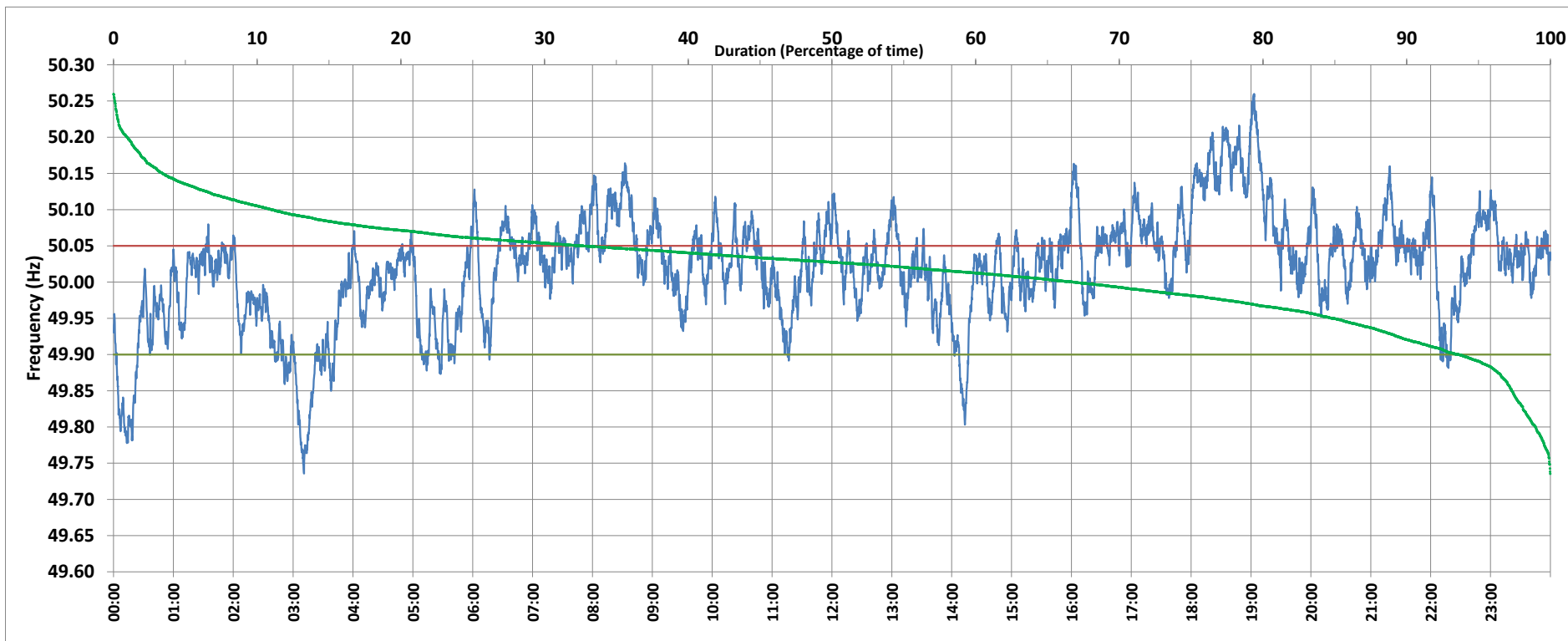


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Jun-2019 (Wednesday)



<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	6.35	20.81	1.02	5.34	26.72	55.84	10.13	60.97	99.05	31.33	21.83	66.86	47.86	32.67	0.95	15.08	52.25	8.73

Average Frequency : 50.020	Frequency Variation Index : 0.0588	Standard Deviation : 0.0742	Mileage: 45.7	FDI: 39.0
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Instantaneous Frequency		
Max	50.260	19:03:00
Min	49.736	3:10:50

15 minute Average Frequency		
Max	50.182	18:45:00
Min	49.808	3:15:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	67
above 50.00 Hz	111
below 50.00 Hz	109

Average time freq per excursion remains	
below 49.97	0:04:28
above 50.03	0:04:08

No. of hours freq outside 49.9-50.05 Hz	9:22:00
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Source : BINAGURI:Frequency 10 Sec. (8640 samples)