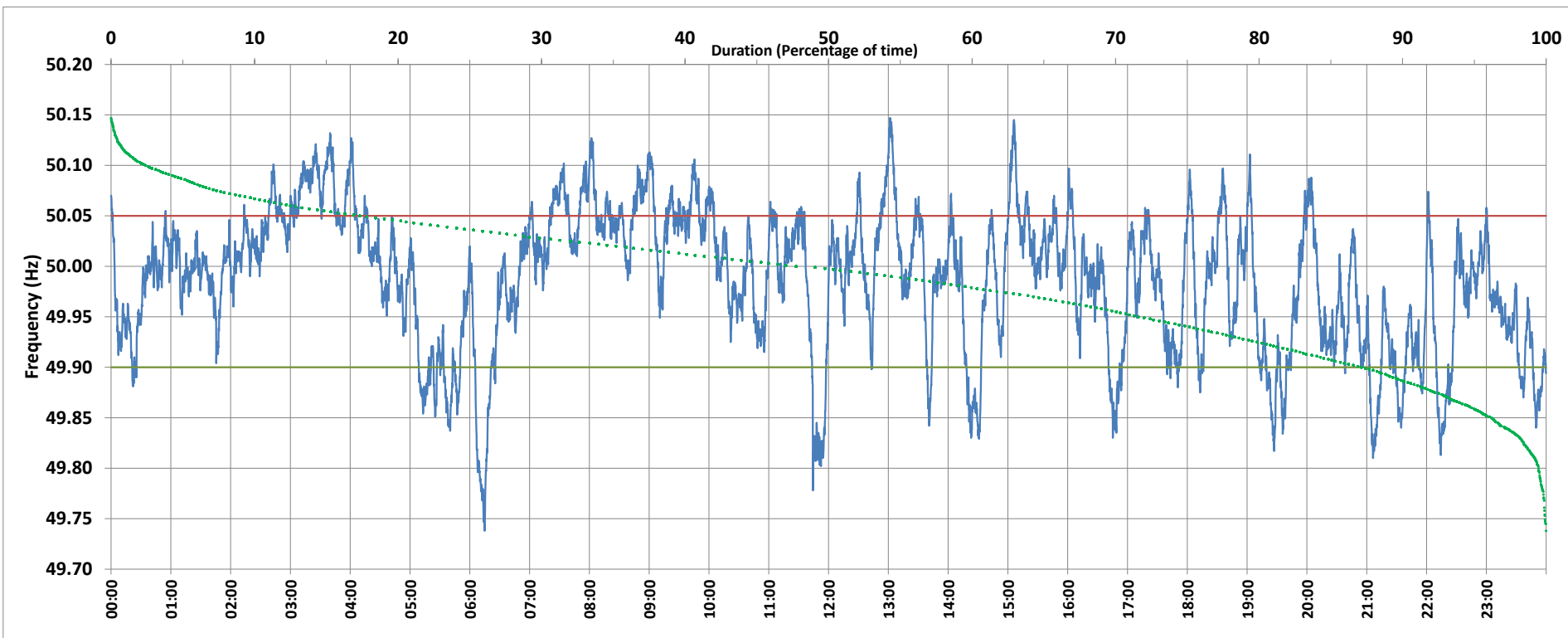


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Jul-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	12.59	35.35	0.52	12.07	38.36	46.48	2.57	70.08	100.00	35.90	15.44	47.74	28.75	17.33	0.00	28.01	54.66	15.42

Average Frequency : 49.987	Frequency Variation Index : 0.0494	Standard Deviation : 0.0690	Mileage: 42.5	FDI: 29.9
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Instantaneous Frequency		
Max	50.147	13:01:40
Min	49.738	6:14:40

15 minute Average Frequency		
Max	50.094	3:45:00
Min	49.844	12:00:00

No. of excursions	
above 50.03 Hz	109
below 49.97 Hz	74
above 50.00 Hz	93
below 50.00 Hz	85

Average time freq per excursion remains	
below 49.97	0:06:53
above 50.03	0:03:48

No. of hours freq outside 49.9-50.05 Hz	7:10:50
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Source : NEHU:Frequency 10 Sec. (8640 samples)