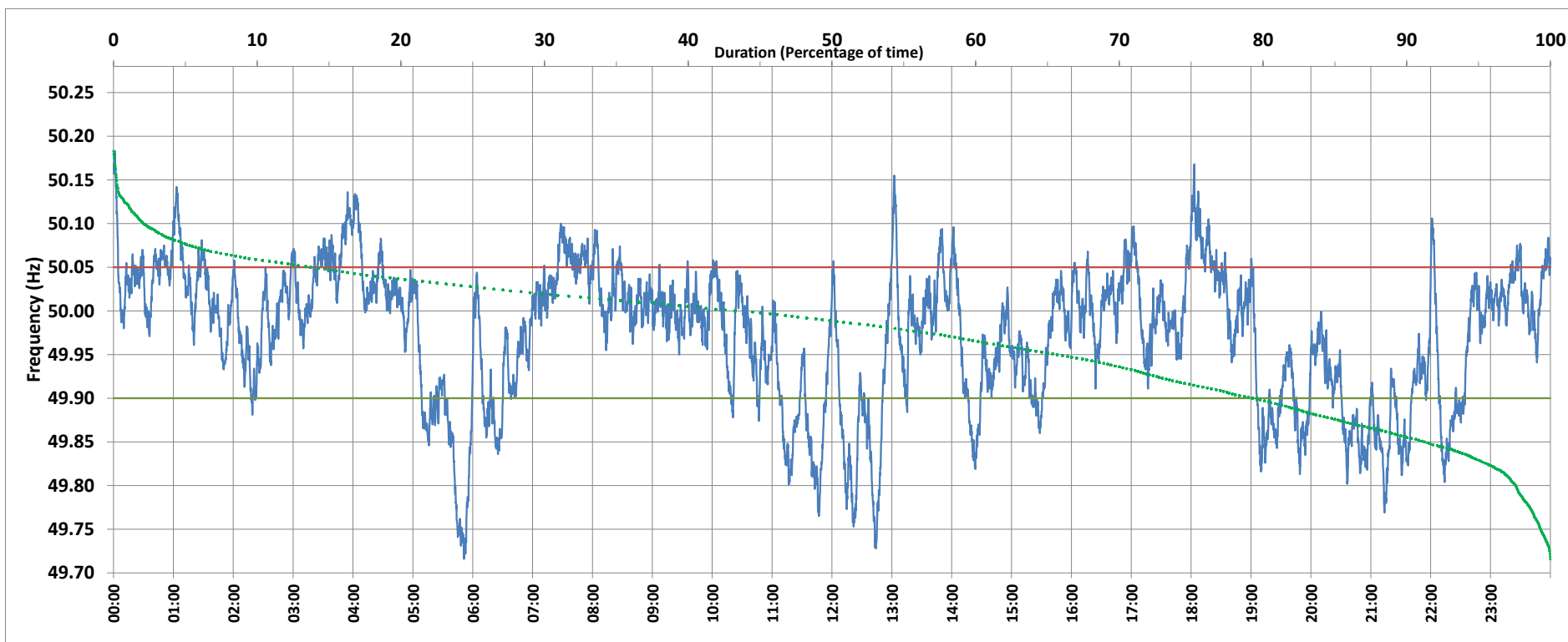


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jun-2019 (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	20.43	41.13	2.38	18.04	35.12	42.27	2.19	65.86	100.00	35.19	12.16	43.25	23.68	13.72	0.00	33.97	52.31	13.54

Average Frequency : 49.971	Frequency Variation Index : 0.0705	Standard Deviation : 0.0789	Mileage: 46.1	FDI: 34.1
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Instantaneous Frequency		
Max	50.183	0:01:20
Min	49.716	5:51:10

15 minute Average Frequency		
Max	50.096	18:15:00
Min	49.778	6:00:00

No. of excursions	
above 50.03 Hz	100
below 49.97 Hz	76
above 50.00 Hz	102
below 50.00 Hz	101

Average time freq per excursion remains	
below 49.97	0:07:48
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	8:11:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)