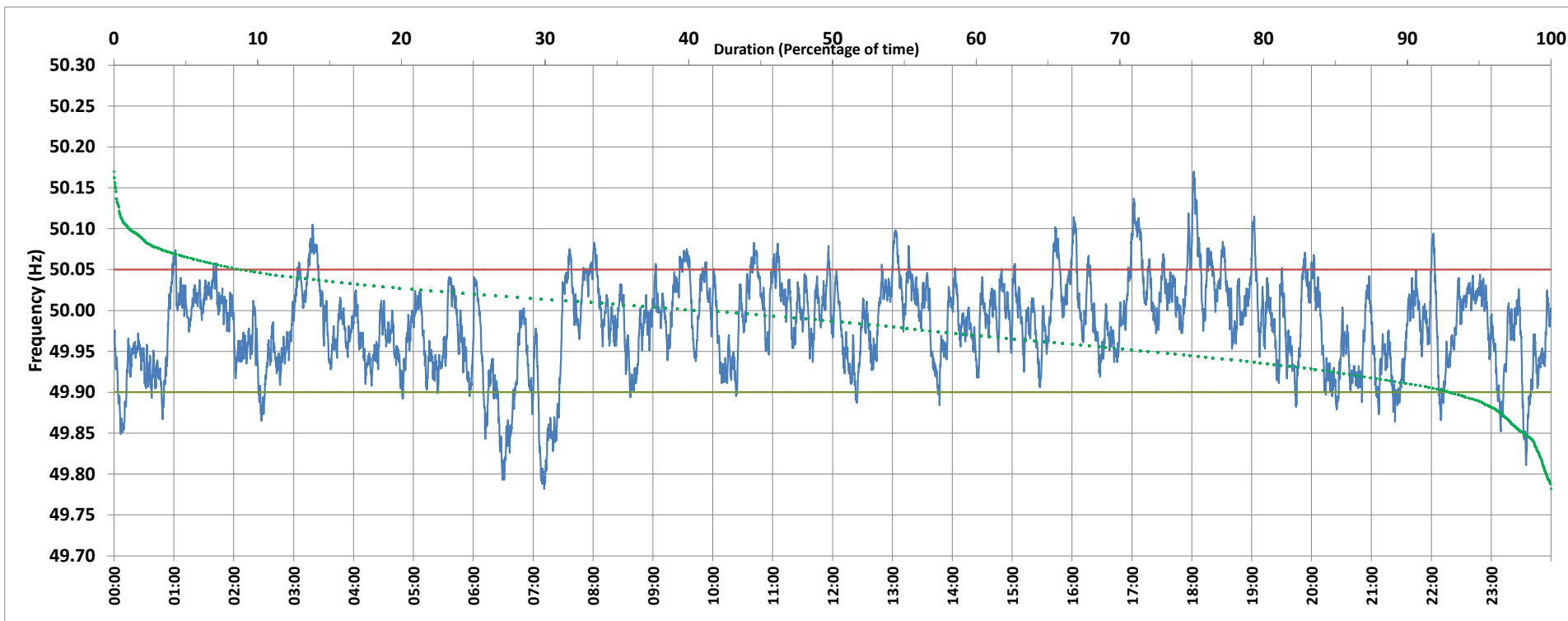


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Jul-2020 (Monday)



<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	6.93	39.68	0.32	6.61	51.04	40.89	1.13	84.25	100.00	42.23	8.13	40.35	18.09	8.82	0.00	27.37	63.81	20.44

Average Frequency : 49.982	Frequency Variation Index : 0.0341	Standard Deviation : 0.0556	Mileage: 43.6	FDI: 15.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.170	18:01:50
Min	49.782	7:11:00

15 minute Average Frequency		
Max	50.077	17:15:00
Min	49.861	7:15:00

No. of excursions	
above 50.03 Hz	104
below 49.97 Hz	110
above 50.00 Hz	103
below 50.00 Hz	92

Average time freq per excursion remains	
below 49.97	0:05:12
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	3:46:50
---	---------

Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)