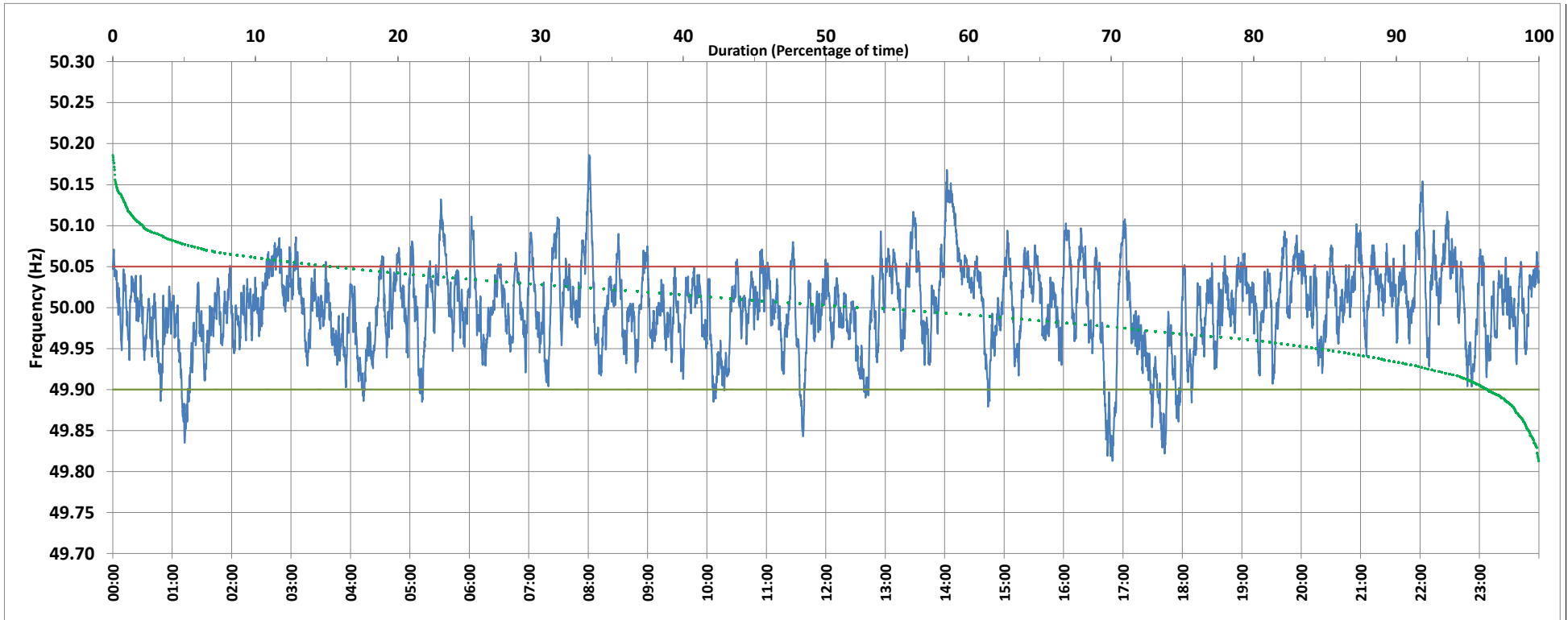


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Nov-2020 (Saturday)



<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	3.55	25.67	0.00	3.55	42.45	51.86	2.13	81.22	100.00	45.80	13.68	52.19	28.53	15.23	0.00	15.17	69.59	11.62

Average Frequency : 50.001	Frequency Variation Index : 0.0266	Standard Deviation : 0.0516	Mileage: 54.5	FDI: 18.8
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Instantaneous Frequency		
Max	50.186	8:01:00
Min	49.813	16:49:20

15 minute Average Frequency		
Max	50.115	14:15:00
Min	49.883	17:45:00

No. of excursions	
above 50.03 Hz	197
below 49.97 Hz	151
above 50.00 Hz	159
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:02:27
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	4:30:30
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)