

## APPENDIX B – PERFORMANCE STANDARDS FOR SYSTEM OPERATION

### B.1 FREQUENCY STANDARDS

- B.1.1 The frequency of the *electricity system* shall normally be maintained at 50 Hertz  $\pm$  0.2 Hertz and shall not be permitted to rise above 50.5 Hertz or fall below 49.5 Hertz without corrective action being taken.
- B.1.2 The deviation of electric time shall normally be limited to  $\pm$  10 seconds and shall be permitted to deviate to within  $\pm$ 60 seconds without corrective action being taken.

## **B.2 VOLTAGE STANDARDS**

- B.2.1 The transmission voltages of 400kV, 230kV and 66kV shall normally be maintained within  $\pm 3\%$  of their nominal values and shall be permitted to operate within  $\pm 5\%$  for 400kV and  $\pm 6\%$  for 230kV and 66kV without corrective action being taken.