

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.