

## Performance Status of Taiwan's Nuclear Power Units in 2004

Taiwan's six operating nuclear power units generated a total of 38 terawatt-hours (TWh) of electricity in 2004 – up 1.5% from the previous year's figure (37.4TWh).

The three nuclear plants at Chinshan, Kuosheng and Maanshan, with two operating units at each site, contributed a nuclear share of 18.1% to the total domestic electricity production – compared to 18.6% in 2003.

Performance wise, the average capacity factor for all six units was 87.4%, up slightly from the 2003 average of 86.3%. The annual average number of abnormal events per unit was only 1.17 (or 7 abnormal events for all six units), and there was only one automatic scram in the year for all six units, both being the best records ever. All of these indicators show performance of nuclear power in Taiwan is steadily improving and regulatory efforts are also recognized.

Completion of the units of Lungmen Nuclear Power Project is scheduled for 2006 for unit one and 2007 for unit two. However, as of end of December 2004, the total progress is 57.45%, which is behind schedule. Therefore, the commercial operation date of unit 1 might delay one to two years. The delay is mainly due to the suspension in 2000. Taiwan Power Company (TPC) is trying every effort to accelerate the construction.