Stable Supply of Water and Electricity

Water Consumption

Taiwan Water Corporation agreed to supply 99,300 tons of water to the Tainan Science Park on a daily basis. The water comes mainly from the Tsengwen, Wushantou and Nanhua Reservoirs while the Chia-Nan Irrigation Association agreed to supply 40 million tons of water every year (about 109,000 tons daily) from the Tsengwen and Wushantou Reservoirs to meet the daily water demand of 200,000 tons of water. In 2005, the Tainan Science Park used the daily average 59,700 tons of water, an increase of 35% from that of 2004.

Taiwan Water Corporation agreed to supply 100,000 tons of water to the Kaohsiung Science Park from Nanhua Reservoir to meet daily demand. In 2005, the Kaohsiung Science Park consumed about 180 tons of water daily, an increase of 2.5% from the end of 2004.





Average Daily Water Usage of the Tainan Science Park by Year

Electricity Consumption

Taiwan Power Company established the first extra high voltage substation in Taiwan with a 345 KV underground power transmission system in the Tainan Science Park to supply a total of 2.5 million KW to meet the consumption demand of 1.8 million KW. In addition, the Park also built five transformer substations to support each other and maintain a stable electricity supply. In 2005, the total electricity consumption of the Tainan Science Park reached 460 million KW, growing by 30% as compared with that of 2004.

Taiwan Power Company set up a 345 KV Lubei extra high voltage substation to reach the total electricity supply capacity of 2.4 million KW to meet the consumption demand of 1 million KW. The Kaohsiung Science Park consumed a total of 18,500 KW electricity, an increase of 5% from the end of 2004.



Electricity Consumption of the Tainan Science Park by Year