



Pic.1: A 1:1 turbine model.

WE ARE SO LITTLE

When I had heard some facts about the motion of the turbine, I suddenly realized that humans are tiny creatures in the nature – it rotates 2000 times per minute and is set into motion by gaseous water molecules under 640 atm.! Their speed is the one with which we could never get in touch. However, a water molecule with radius as small as 32 pm can achieve that flawlessly. Yet, this is still far from its ultimate.

This is only one of those millions of marvelous mechanisms that our nature performs every second. It composes of all small components in our daily life and holds firmly the tremendous technology development. Being the passers-by in its 4.54 billion years of history, where is the point we become so arrogant in front of it? Step backward from our blow at our nature and salute to its painstaking effort.



Pic.2: Trees grow on the top of the CLP main building.

POWER PLANT TRIP

From the trip, we learn that going green while not harming citizens' interests is an important concept of the electricity company. That's why it still uses many coals, the very cheap source, to generate electricity for our city. At the same time, however, they implement all the possibly advanced measures to minimize the pollution and to maximize the power efficiency. For example, they are now setting up a de-sulphur plant to remove the sulphur which will form acidic gases sulphur dioxide to form acid rain, given out by burning coal.

Besides setting up any new equipment, they are also seeking alternative but more environmental friendly methods to produce electricity, like using hydro-power generators in Guangzhou and wind-power generators in Lantau Island. They also do some seemingly small steps, just like planting some trees and plants to reduce greenhouse gases on some of their building's rooftop. They bring out the notion that going green can start with any small steps, which is very educational to every citizen.