The Ideal Electricity System

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We face a big problem nowadays!!! Will we depend on the nonrenewable energy resources until they finish? Or shall we try to use the very big amount of renewable energy available ? Energy is the major indicator of a nation’s advancement. Our official statistics show that the maximum load of electricity has increased from 24.500 M.W last year to 27.000 M.W today; this means that the current produced electricity will not be enough in the future . Also depending on non-renewable resources (Fig.1) caused pollution, furthermore The inadequate of the power plants and batteries, in addition to the population growth and misuse of energy have aggravated the energy problem in Egypt. To solve this problem, many solutions have been tried such as using water turbines, wind turbines and solar cells, however, they could not generate enough electricity. Also to store energy, batteries were used, but there was some power loss. In my project I purified the sewage water to get electricity and use the water to increase the agriculture lands in Egypt….here is the question how I made that …let’s know that.

Awards Won: