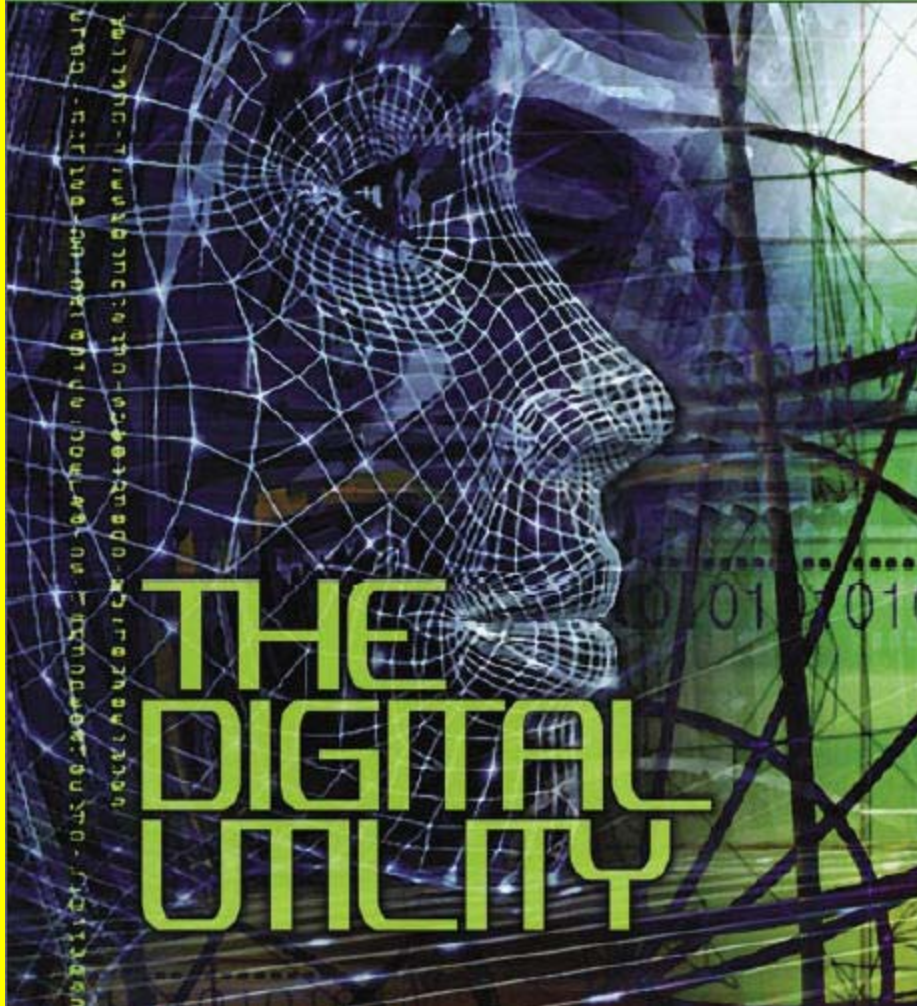


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TRANSMISSION & DISTRIBUTION TM WORLD

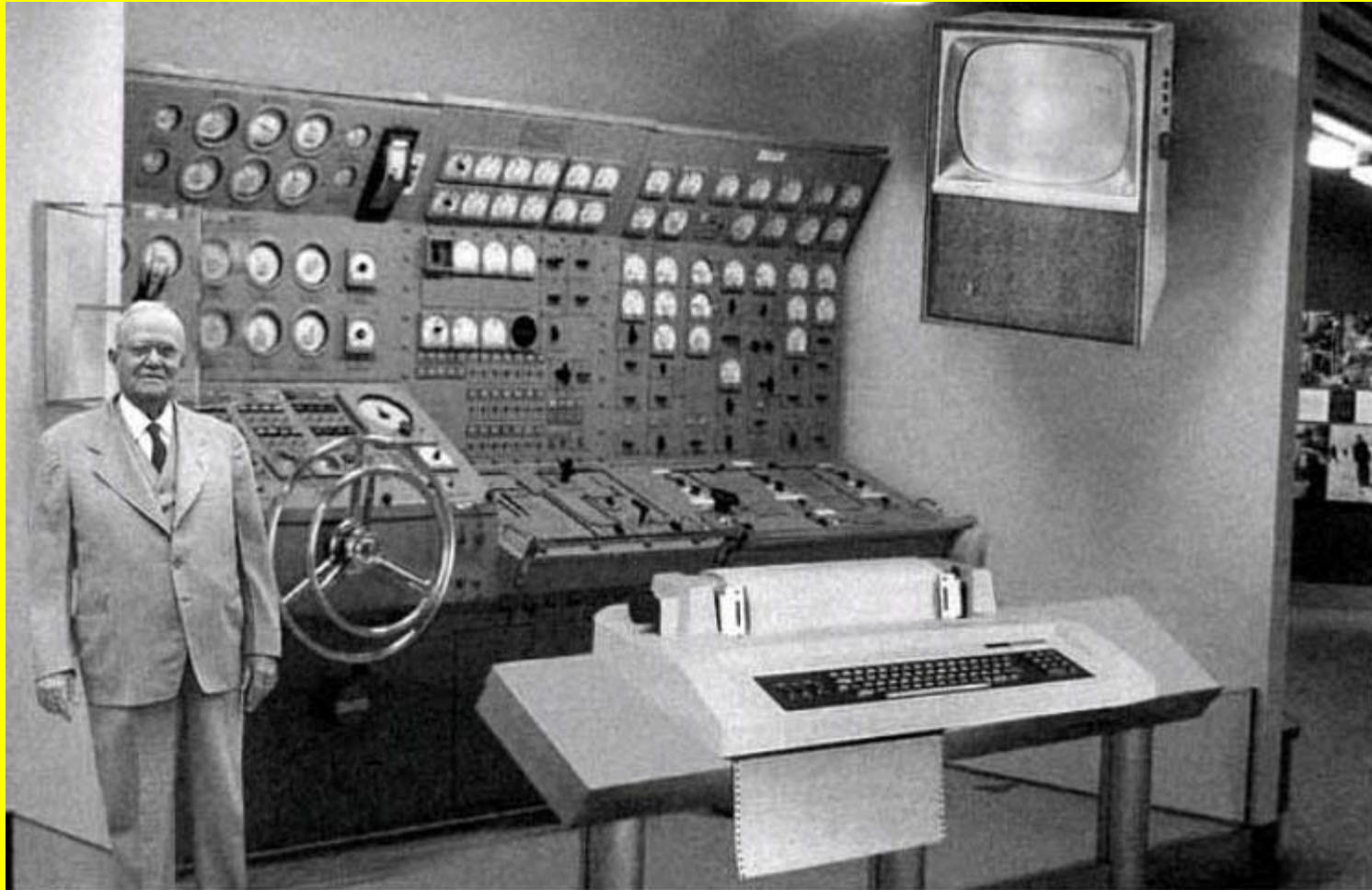
A Supplement to Transmission & Distribution World



IEEE PES Joint Technical Meeting
HVDC & FACTS Subcommittee
Jan. 10, 2007
Orlando, FL.

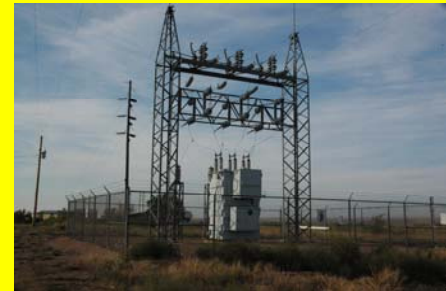
Gene Wolf, P. E.

1954 Concept of the 2004 PC

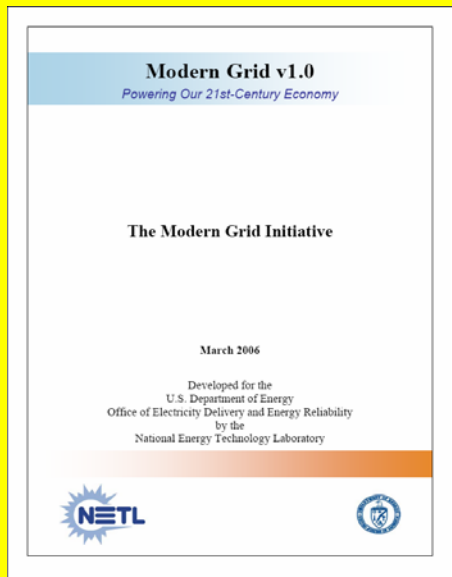


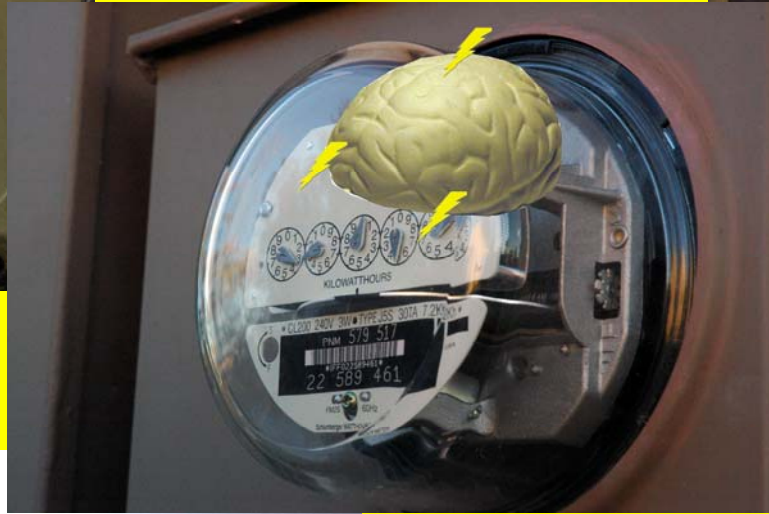
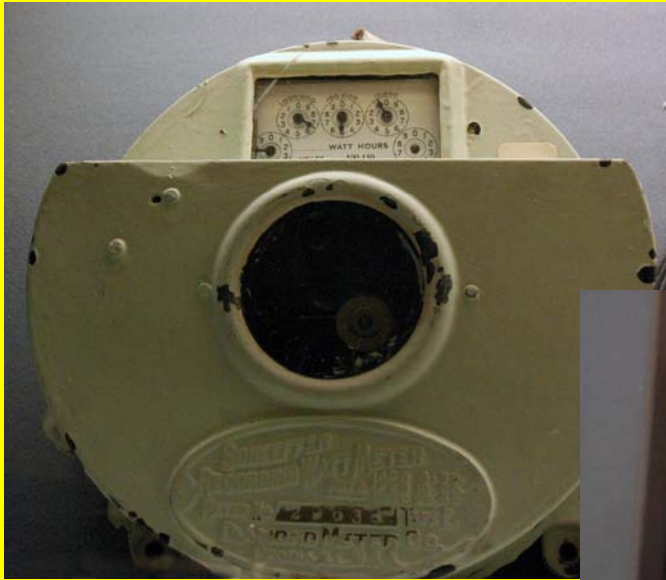
Scientists from the RAND Corporation have created this model to illustrate how a "home computer" could look like in the year 2004. However the needed technology will not be economically feasible for the average home. Also the scientists readily admit that the computer will require not yet invented technology to actually work, but 50 years from now scientific progress is expected to solve these problems. With teletype interface and the Fortran language, the computer will be easy to use.

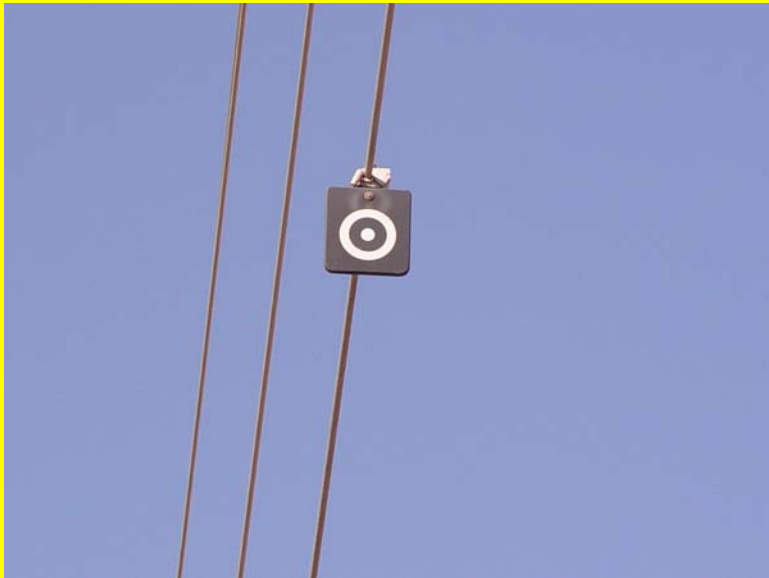
Most of the infrastructure is 50 to 70 years old



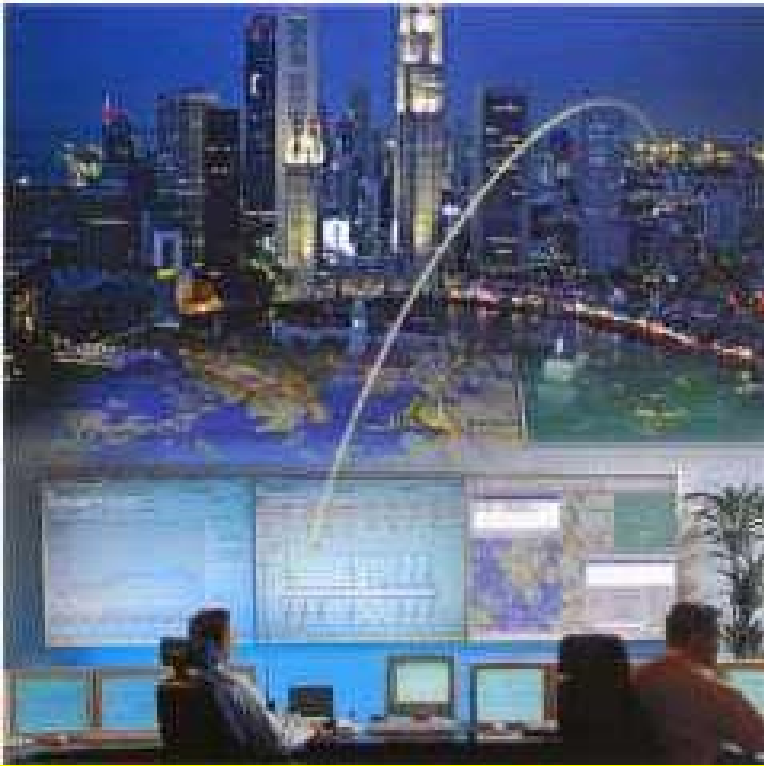




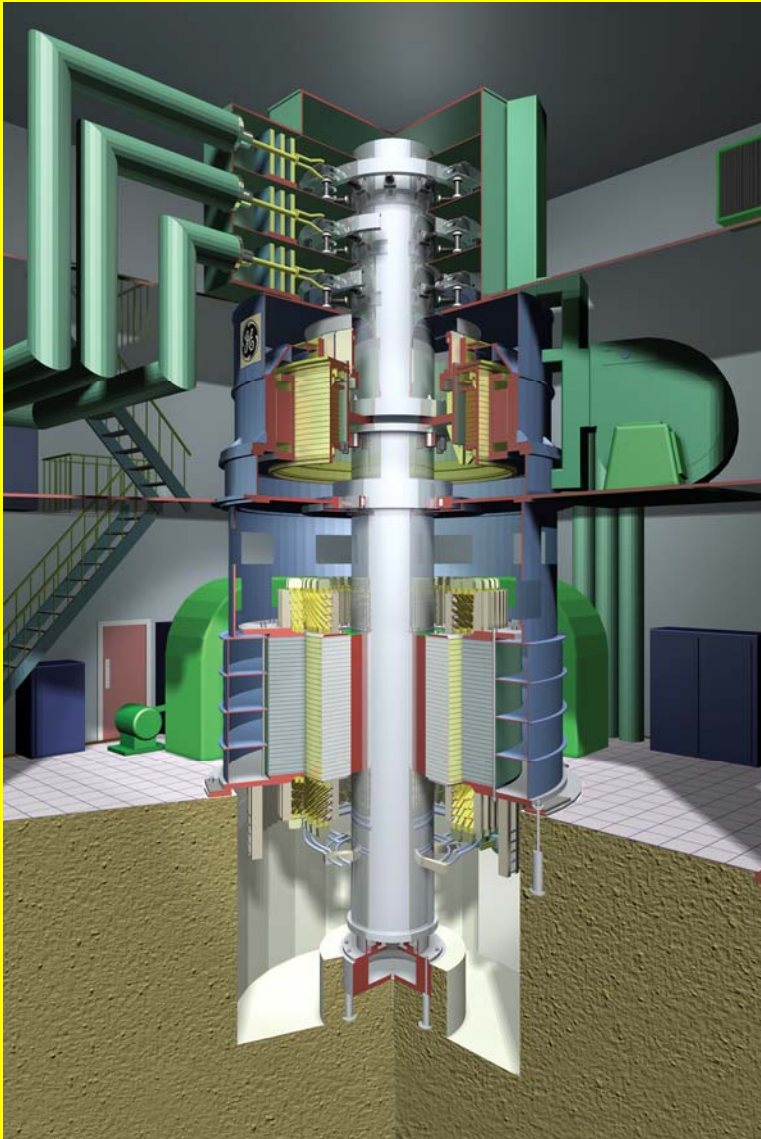




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High Temperature Superconductor

High Temperature Superconducting Cable Installations







