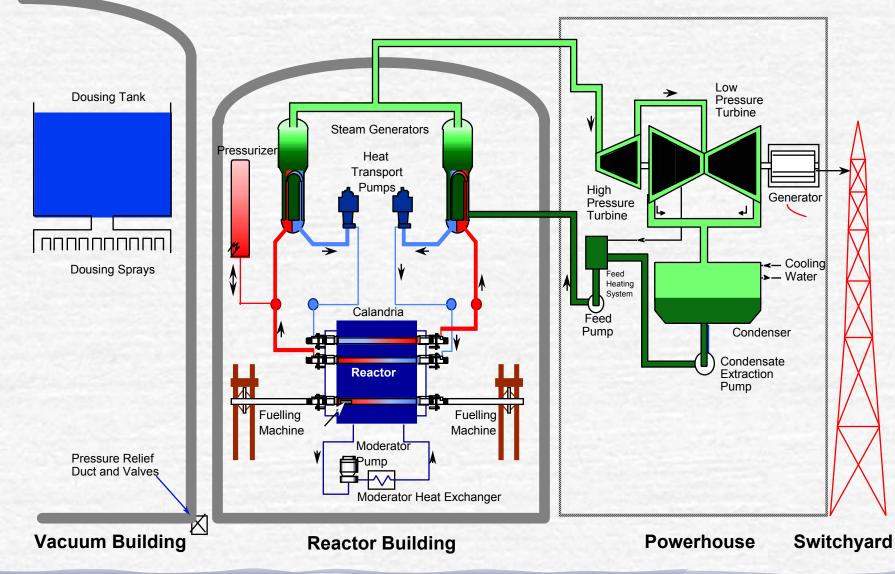


Nuclear Power Reactors

CANDU Schematic







What are some methods of producing large amounts of electrical energy?

What are the pros and cons of each methods?



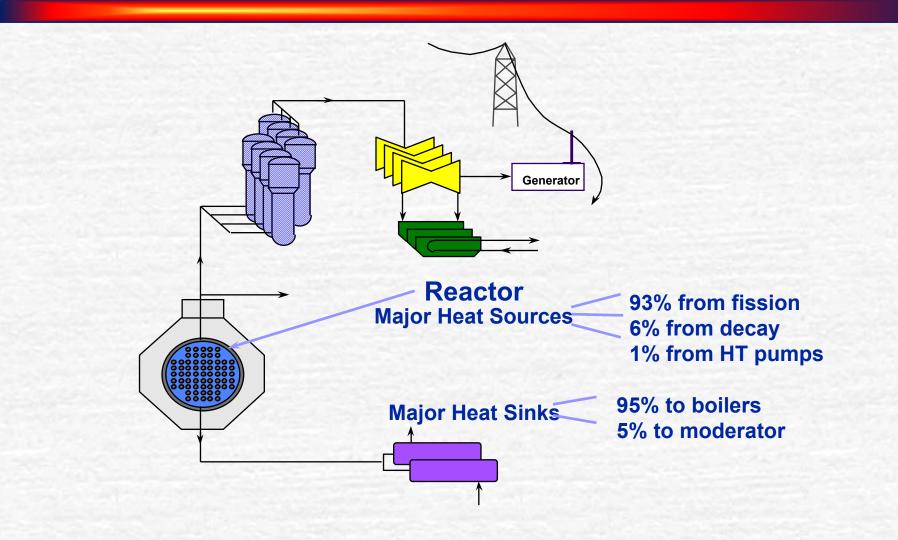


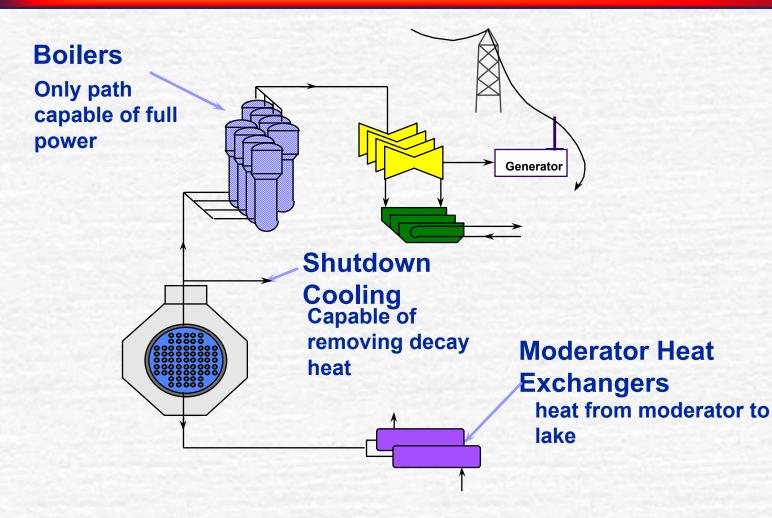
Capacity Factor

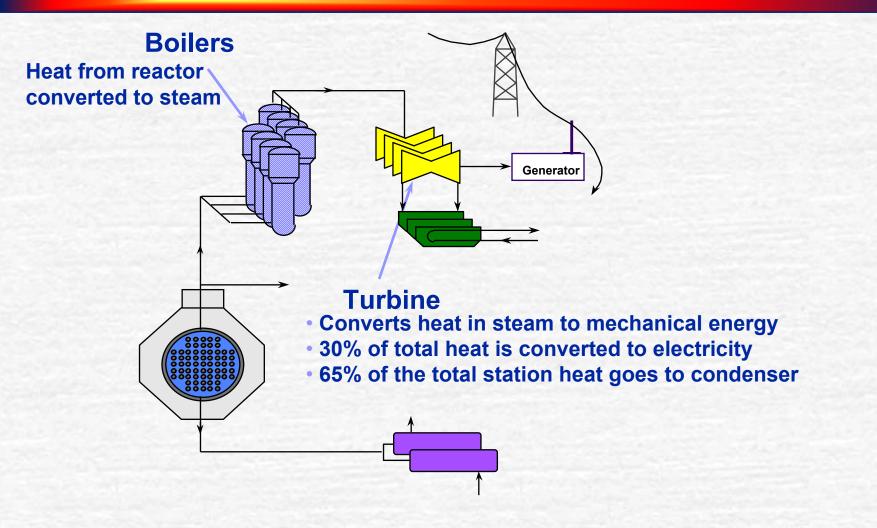
Electricity produced in a year x100 What could have been produced

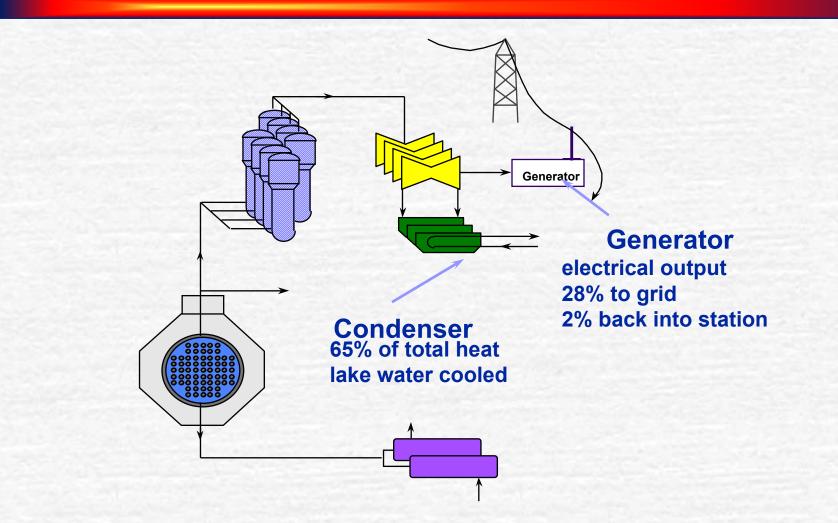
Bottom Line

Nuclear maintains a cost advantage so long as a high capacity factors is maintained.









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Efficiency

Gross reactor fission power Power from fission Reactor thermal power Power to the boilers Gross electrical power Power from generator Unit thermal efficiency Overall Efficiency