

NIF

LIFE

Laser Inertial Fusion Energy Control Systems



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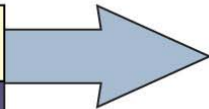


Fusion energy – soon enough to make a difference

National Ignition Facility

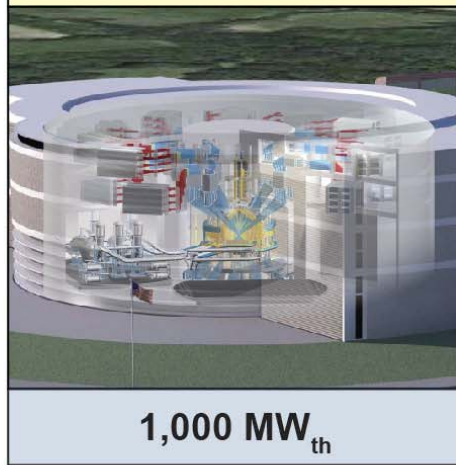


2009 - Facility complete
2012 - Ignition



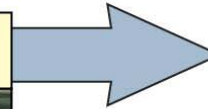
Performance

Market Entry Plants



1,000 MW_{th}

2020's



Integration

Mature LIFE Technology

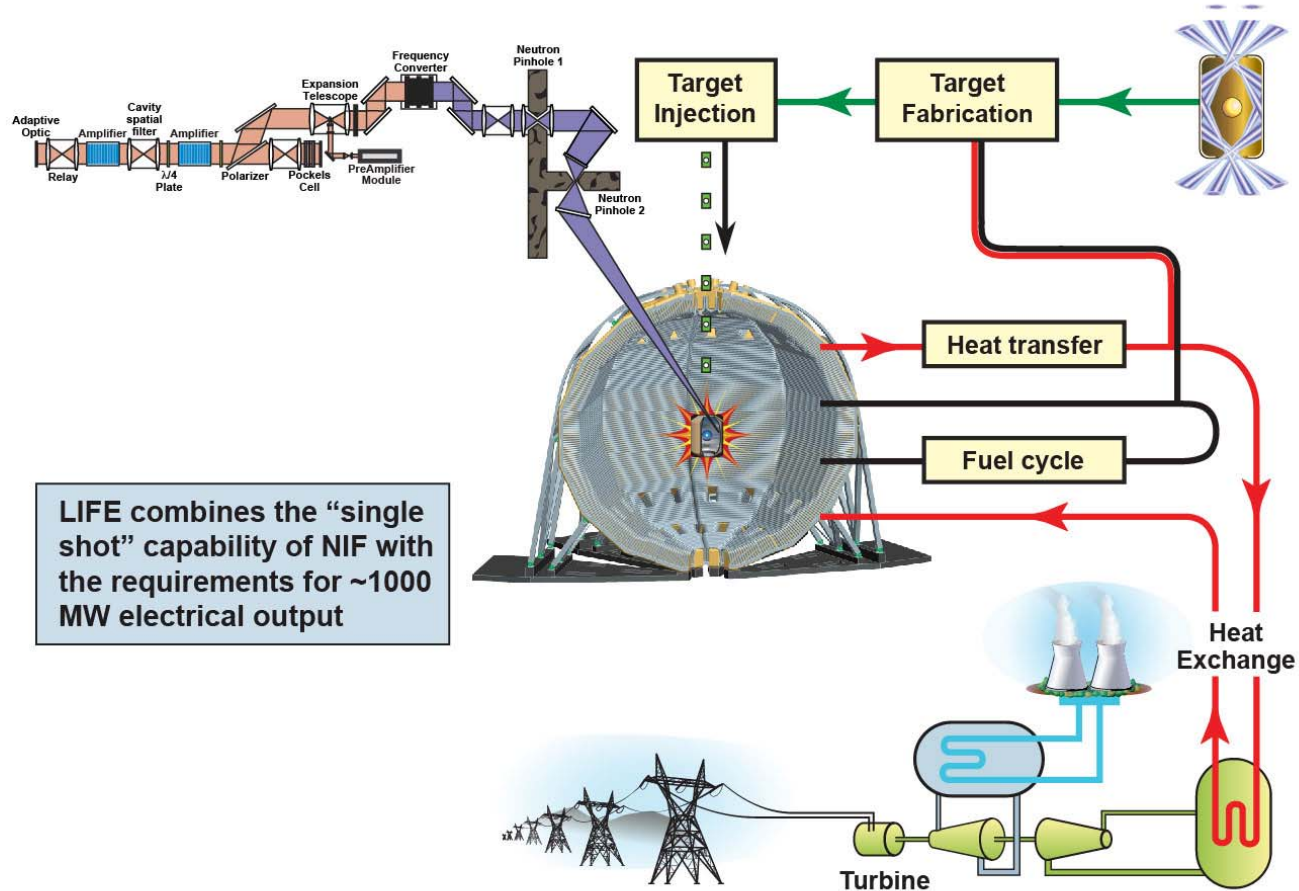


400 MW to 1,600 MW_e

2030's



Principle of LIFE plant operation



LIFE combines the “single shot” capability of NIF with the requirements for ~1000 MW electrical output