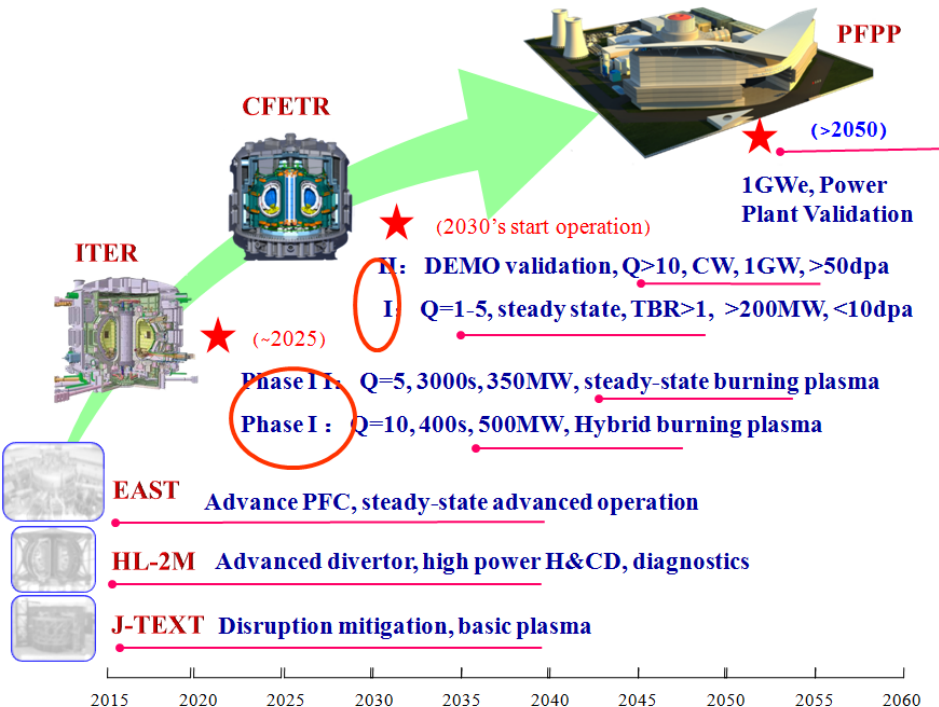


Progresses and Activities on the Chinese Fusion Engineering Test Reactor

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Roadmap of Chinese MFE Development



CFETR Conceptual Design Subsystems

1. Layout design and system Integration
2. Plasma physics and technology
3. Superconducting magnet and cryogenics
4. Vacuum vessel & vacuum system
5. In-vessel components:
 - blanket & divertor
6. Heating & Current Drive system
7. Diagnosis & CODAC
8. Electrical power & control system
9. Fuel circulation system & waste disposal
10. Radiation protection & safety, RAMI
11. Remote control and maintenance system
12. Auxiliary supporting system
13. Project management

- Integrated Design and R&D of Chinese Fusion Engineering Test Reactor (CFETR) are in progress.
- CFETR is moving for Phase II design with emphasis for high B_T option.
- There are gaps to CFETR Readiness, especially for phase II, need new solution and technologies.
- Detail engineering design and large scale R&D will continue in next 5 years.