| Concept Key F | Parameters |
|----------------------|------------|
|----------------------|------------|

| Parameter | Present value [†] | ITER-era goal | Reactor Target |
|---|-------------------------------|------------------|-------------------|
| Confining Field ^a (T) | | | |
| Plasma current ^b (MA) | | | |
| Pulse length Δt (sec) and $\Delta t/\tau_E$ | | | |
| External sustainment/current drive type | | | |
| External sustainment/current drive power [‡] (MW) | | | |
| Current drive efficiency (η) | | | |
| Major Radius ^c (m) | | | |
| Minor Radius ^c (m) | | | |
| Elongation (κ) | | | |
| Central density n_e or $\langle n_e \rangle$ (m ⁻³) | | | |
| Central T_e or $\langle T_e \rangle$ (keV) | | | |
| Central T_i or $\langle T_i \rangle$ (keV) | | | |
| Central beta (% and β_N) | | | |
| Energy confinement time ^d (s) | | | |
| Fusion power density $B\tau_E$ (T-s) | | | |
| Core electron transport ^d ($\chi_e m^2/s$) | | | |
| Core ion transport ^d ($\chi_i m^2/s$) | | | |
| $\rho_* = \rho_D \ /a \ or \ S_D = L^{\$} / \ \rho_D$ | | | |
| $S_{\alpha} = L^{\$} / \rho_{\alpha}$ | | | |
| Collisionality (v*) | | | |
| Normalized pulse length $(\tau/\tau_r)^{\#}$ | | | |
| Normalized pulse length $(\tau/\tau_{Ti=Te})^{\#}$ | | | |
| Estimated Fusion Power (MW) | | | |
| Estimated wall loading (MW/m ²) | | | |
| Estimated plasma exhaust power (MW/m ²) | | | |

^a peak on axis ^b ohmic or driven or diamagnetic ^c mean values if not axisymmetric [‡] power to plasma needed to maintain configuration, magnetic field, or plasma current ^d measured or estimated from power balance, size, beta, or ne, Te, and Ti [#] τ_r ($\tau_{Ti=Te}$) is relevant time scale for configuration redistribution (temperature equilibration)

use either a or R as appropriate [†] indicate if not simultaneous

Table values based upon known or estimated values from present experiments, possible ITER-era targets based on extrapolation from present experiments, and estimated reactor conditions based on previous reactor studies or back-of-envelope style spreadsheet calculations where available.

Please provide definitions, formulary, or assumptions on a separate sheet.