

NSTX-U

Major radius: 0.85 m
Minor radius: 0.68 m
Magnetic field: 1 T
Plasma current: 2 MA

NSTX-U is the flagship fusion experiment at Princeton Plasma Physics Laboratory.

Spherical Tokamaks offer promise for higher β , which is a plasma parameter for magnetic field efficiency.

The Upgrade doubles Neutral Beam Injection heating to enable current drive up to 10 MW for 5 seconds.

Plasma Physics Trading Cards - APS 60th DPP

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National Spherical Tokamak Experiment - Upgrade

New Center Column or Stack
Doubles current and magnetic field and quintuples the duration of plasma

