At a Glance

The U.S. Department of Energy's
Princeton Plasma Physics Laboratory

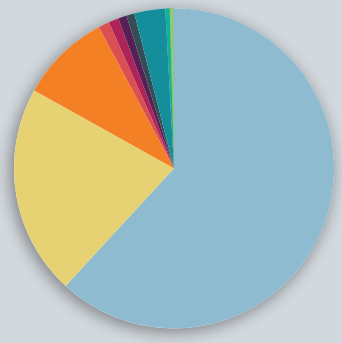
100 Stellarator Road
Princeton, NJ 08540
www.pppl.gov
@PPPLab

The U.S. Department of Energy's Princeton Plasma Physics Laboratory is a world-class research laboratory managed by Princeton University. The Lab has three major missions: to develop the scientific knowledge and advanced engineering to enable fusion to power the U.S. and the world; to advance the science of nanoscale fabrication and sustainable manufacturing for technologies of tomorrow; and to further the development of the scientific understanding of the plasma universe from laboratory to astrophysical scales.

Funding by Source

Fiscal Year 2023

Total Laboratory Operating Costs: **$209M**



- Office of Fusion Energy Sciences (including PPPL ITER) **$128.8M**
- ITER (via Oak Ridge National Laboratory) **$44.2M**
- Science Laboratory Infrastructure, General Plant Projects **$19M**
- Basic Energy Sciences **$2.3M**
- Princeton University **$2.1M**
- Advanced Scientific Computing Research Program (including the Exascale Computing Program) **$1.8M**
- Strategic Partnership Projects ($1.2M NASA) **$1.7M**
- Office of Science (other) **$6.5M**
- National Nuclear Security Administration **$0.9M**
- Other Department of Energy **$0.9M**

Facts

Location: Princeton, New Jersey
Type: Single Program Laboratory
Contractor: Princeton University
Site Office: Princeton Site Office
Website: pppl.gov

Physical Assets

90.7 acres
30 buildings + **2** trailers
$874 million replacement value
912,000 GSF in buildings infrastructure

Human Capital

752 Full-time Employees
88 Physicists & Faculty
136 Engineers
208 Technicians
15 Apprentices
199 Administrators
28 Postdoctoral Researchers
42 Graduate Students
36 Subcontract/Hourly Employees
308 Facility Users
31 Visiting Scientists

Core Capabilities

Plasma and Fusion Energy Sciences
Large-Scale User Facilities
Theoretical Physics
Mechanical Engineering
High-Performance Computing
Microelectronics
Nanofabrication
Quantum Information Science
Sustainability Science

Mission Unique Facilities

Facility for Laboratory Reconnection Experiment
Laboratory for Plasma Nanosynthesis
Lithium Tokamak Experiment
Magnetic Reconnection Experiment
National Spherical Torus Experiment-Upgrade
Princeton Collaborative Low Temperature Plasma Research Facility

PPPL PRINCETON PLASMA PHYSICS LABORATORY
U.S. DEPARTMENT OF ENERGY
PRINCETON UNIVERSITY