



U.S. DEPARTMENT OF
ENERGY

Office of
Science

NERSC-HEP Requirements Review

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Requirements Gathering Ensure ESnet and NERSC Meet DOE Needs



NERSC and ESnet gather requirements directly from Scientists



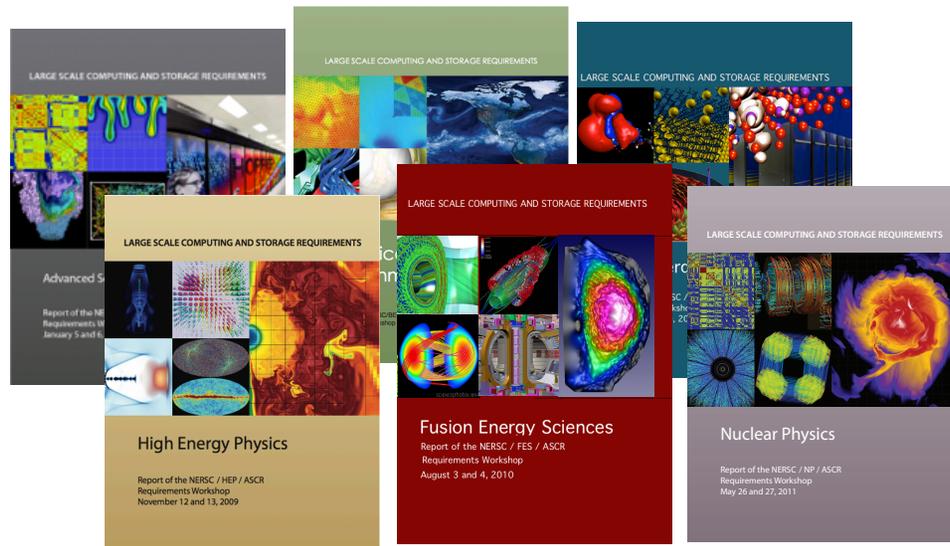
Program Requirements Reviews

- Program offices evaluated every two-three years
- Participants include program managers, PI/ Scientists, ESnet/NERSC staff and management
- User-driven discussion of science opportunities and needs

Science Case Studies drive discussions

- What: Instruments and facilities, data scale, computational requirements
- How: science process, data analysis, collaboration scope, data distribution
- When: 0-2 years, 2-5 years, 5+ years

Covers of Last round of NERSC Requirements Reports



Value of Approach

- Review meetings establish consensus on requirements, capabilities, services
- Scientists, programs offices, and facilities have the same conversation
- Historical trends, technology advances, etc. are also incorporated
- Provides a solid, fact-based foundation for service and capability investments
- Addresses DOE mission goals by ensuring DOE science is effectively supported

Have a productive workshop

Thank you for helping us define our next generation of resources.

