













Collaboration Opportunities

Many current and potential partners in the water-energy arena.

- Federal agencies have important activities at the water-energy nexus, as do regional, state, tribal, and local authorities
- Non-Federal Government
- private companies
- national non-governmental organizations (NGOs)
 international governments
- international gove
 universities
- and municipal facilities
- Working with NETL to develop strategic R&D initiatives that improve the efficiency of water use by the power industry

U.S. DEPARTMENT OF FOSSII ENERGY Energy

Water-Energy Nexus Initiative Strategic Pillars / Challenges

- 1. Optimize the freshwater efficiency of energy production, electricity generation, and end use systems
- 2. Optimize the energy efficiency of water management, treatment, distribution, and end use systems
- 3. Enhance the reliability and resilience of energy and water systems
- 4. Increase safe and productive use of nontraditional water sources
- Promote responsible energy operations with respect to water quality, ecosystem, and seismic impacts
 Exploit productive synergies among water and energy systems

http://www.energy.gov/sites/prod/files/2014/07/f17/Water%20Energy%20Nexus%20Full%20Report%20July%202014.5

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