



U.S. DEPARTMENT OF
ENERGY



**OAK RIDGE NATIONAL LABORATORY
SMALL BUSINESS UNIVERSITY
CONFERENCE**

DOE Oak Ridge Office

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Key Oak Ridge Missions



❖ Science and Technology



❖ Science Education



❖ Environmental Cleanup



❖ Energy & Nuclear Fuel Supply



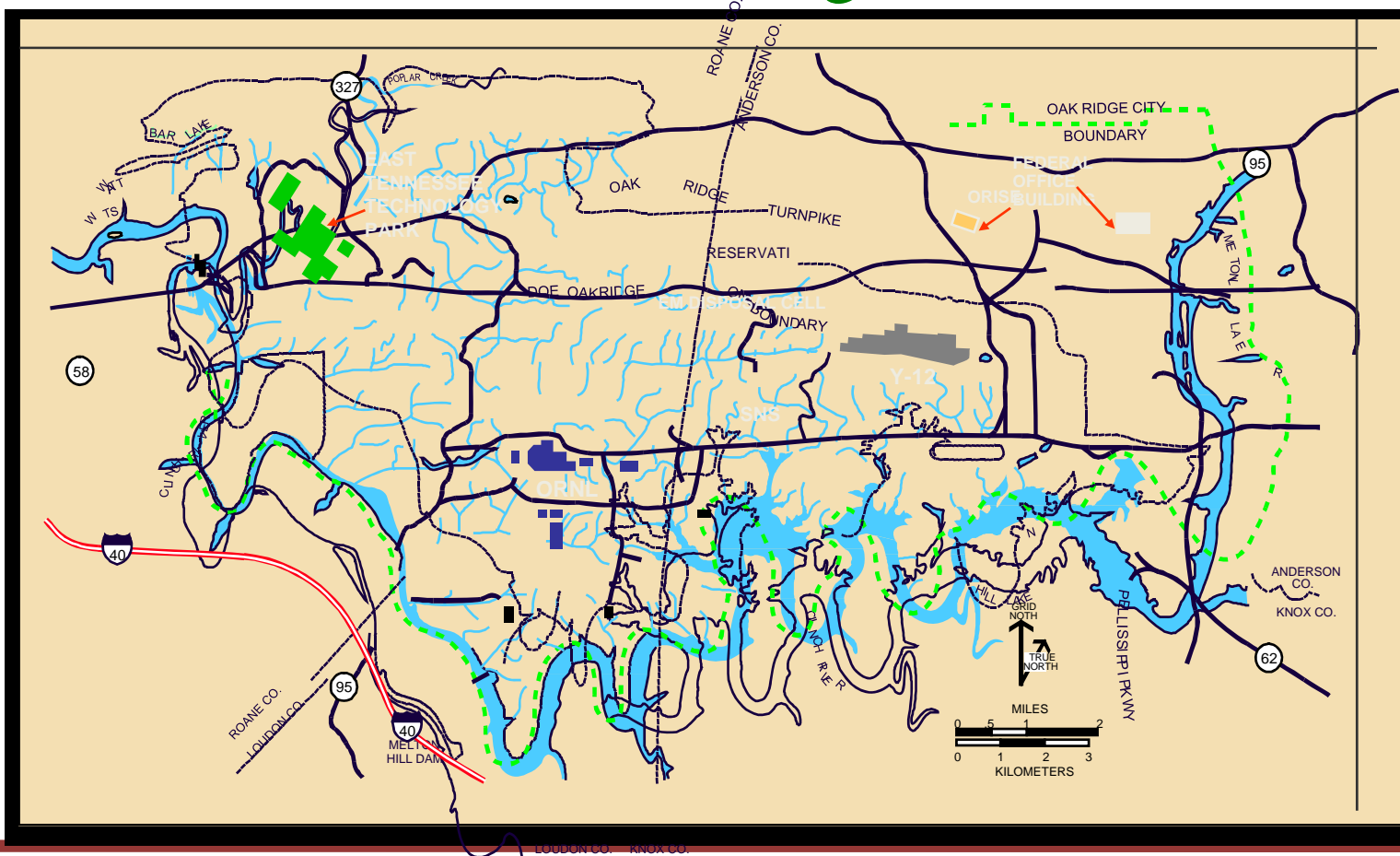
❖ National Security

❖ Reindustrialization

❖ Technology Transfer & Economic Development



A World Leading Research and Advanced Manufacturing Park





Oak Ridge Reservation



Oak Ridge National Laboratory



Oak Ridge Institute for Science and Education



East Tennessee Technology Park

Oak Ridge Office



Office of Scientific and Technical Information



Y-12 Site Office



Y-12 National Security Complex



Major Oak Ridge Contractors

ORO



NNSA

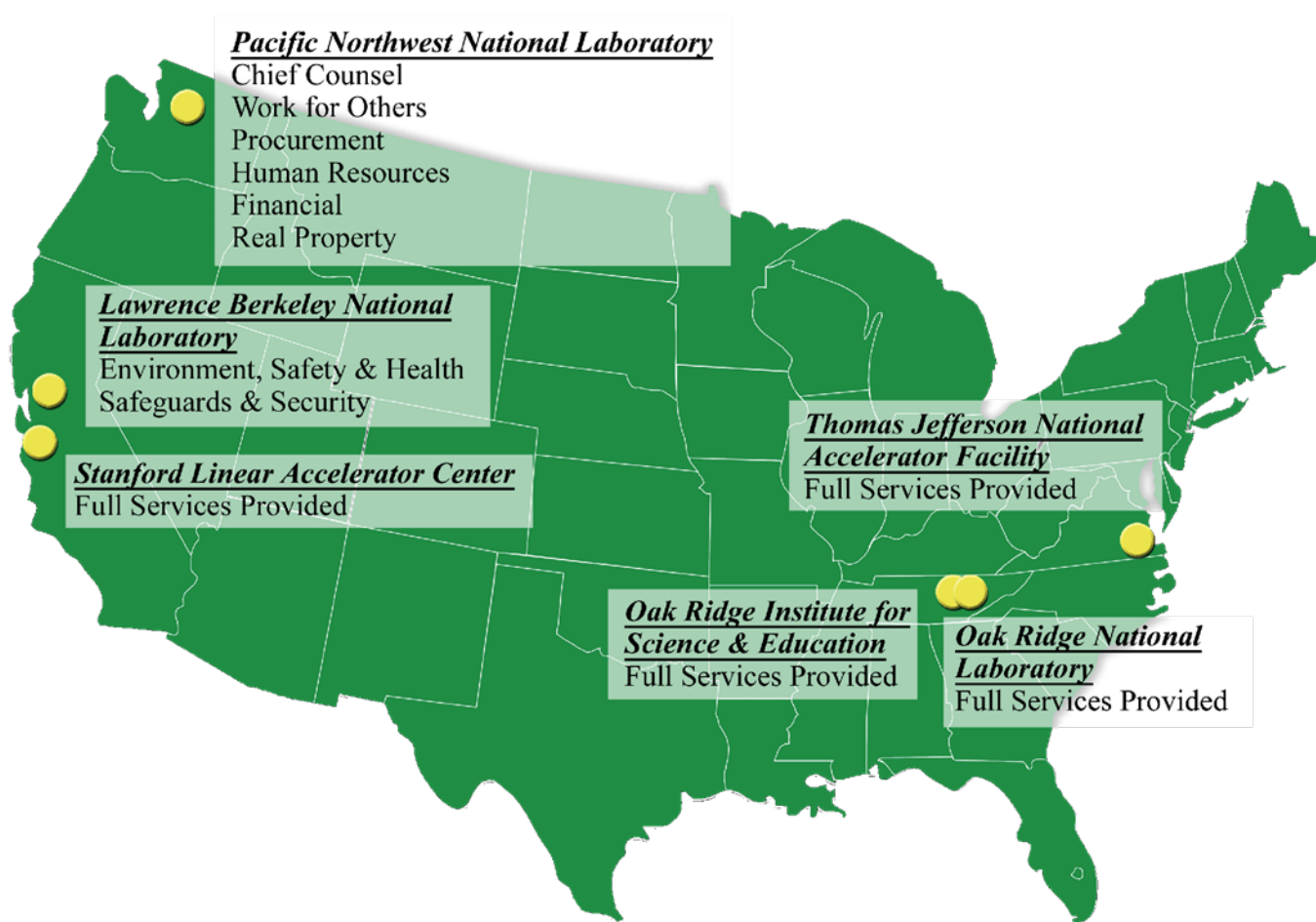


OSTI





ORO Support to Science Labs





Oak Ridge FY 2009 President's Budget Summary by Assistant Secretary

(Energy and Water Appropriations) (Budget Authority in Millions of Dollars)

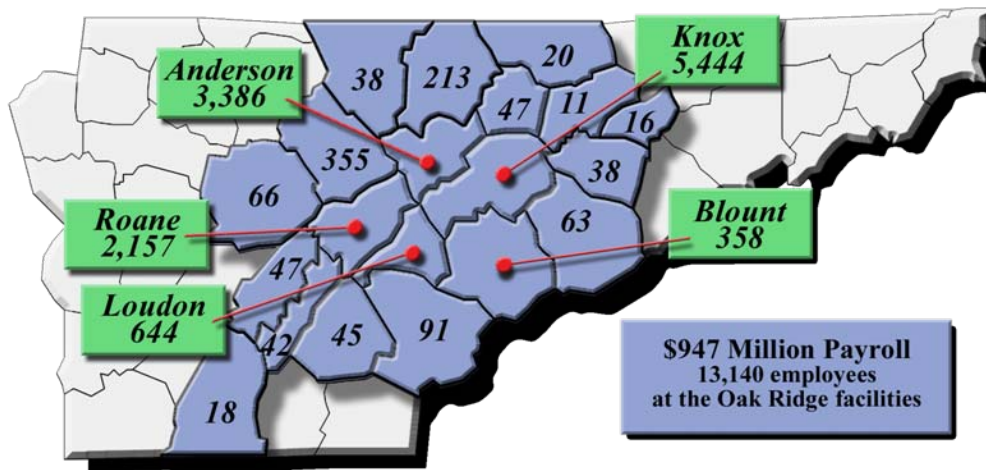
Assistant Secretary	FY 2007 Actual	FY 2008 Omnibus	FY 2009 President's Budget
OAK RIDGE OFFICE			
Science			
Leadership Computing Facility (LCF)	77	85	85
ITER	60	10	215
Spallation Neutron Source (SNS)	166	166	178
Modernization of Laboratories--ORNL	2	7	14
Other Research	335	349	363
Subtotal Science	640	617	855
Defense Environmental Management	211	191	238
Decontamination & Decommissioning (D&D)	288	285	184
Safeguards and Security (S&S)	19	19	27
Program Direction	15	16	16
Uranium/Thorium Payments	20	20	-
Subtotal Environmental Management (EM)	553	531	465
Energy Efficiency and Renewable Energy (EERE) and Electricity Delivery and Energy Reliability (OE)	109	85	85
Nuclear Energy (NE)	37	40	43
Defense Programs (DP)	27	24	24
Nuclear Nonproliferation (NN)	215	170	170
Other DOE ORO	25	27	27
Subtotal DOE ORO	1,606	1,494	1,669
Work for Others-ORO	362	362	362
Subtotal OAK RIDGE OFFICE	1,968	1,856	2,031



Economic Impact of DOE Programs in Tennessee

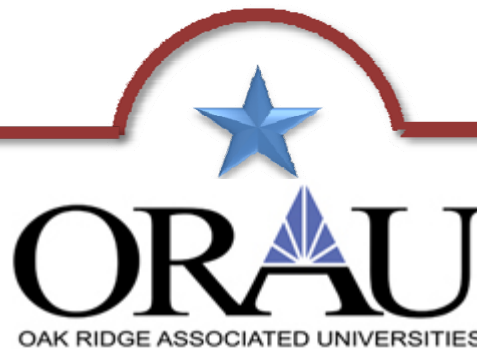
- Regional Impact

- Statewide Impact



Misc. counties = 41

- ❖ \$3.7 billion – increase in gross state product
- ❖ 62,000 – full-time jobs supported
- ❖ \$75 million – state and local sales tax paid
- ❖ 4th – largest employer in the State of Tennessee



Oak Ridge Associated Universities (ORAU) Mission

- ❖ As a consortium of doctoral-granting academic institutions, ORAU member universities share the common objective of advancing scientific research and education by creating mutually beneficial collaborative partnerships involving academia, government, and industry.
- ❖ ORAU operates as a federal contractor for the U.S. Department of Energy by targeting three core areas: (1) worker/public health and independent verification of environmental cleanup; (2) weapons of mass destruction national preparedness and emergency response; and (3) science education, workforce development, and scientific review programs.
- ❖ As a strategic partner with UT-Battelle, ORAU works with the University of Tennessee and Battelle to help strengthen the science and technology programs at ORNL.

ORAU Subcontracting Base: \$50M :: ORAU Forecasts: <http://www.ornl.gov/>



Stanford Linear Accelerator Center (SLAC) Mission

- ❖ Our programs explore the ultimate structure and dynamics of matter and the properties of energy, space and time—at the smallest and largest scales, in the fastest processes, and at the highest energies.
- ❖ Through these programs and our strong coupling to Stanford, we seek both to advance the boundaries of scientific understanding and to inspire and teach the next generation of scientists.
- ❖ Our management and support functions will effectively and efficiently enable the laboratory vision. "

SLAC Subcontracting Base: \$131M :: SLAC Forecasts: <http://www.slac.stanford.edu/>



Thomas Jefferson National Accelerator Facility (Jefferson Lab) Mission

- ❖ The U.S. Department of Energy's Office of Science funds Jefferson Lab. As a user facility for scientists worldwide, its primary mission is to conduct basic research of the atom's nucleus at the quark level.
- ❖ With industry and university partners, Jefferson Lab also has a derivative mission: applied research for using the Free-Electron Lasers based on technology developed at the lab to conduct physics experiments.
- ❖ Additionally, as a center for both basic and applied research, Jefferson Lab reaches out to help educate the next generation in science and technology.

JLAB Subcontracting Base: \$48.5M :: JLAB Forecasts: <http://www.jlab.org/>



9TH ANNUAL U.S. DEPARTMENT OF ENERGY SMALL BUSINESS CONFERENCE

PLENARY SESSIONS

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