



U.S. Department of Energy
**Energy Efficiency
and Renewable Energy**

Bringing you a prosperous future where energy
is clean, abundant, reliable, and affordable

Vehicle Technologies Program

HTML

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VT Program Mission

*To develop more energy efficient and environmentally friendly highway
transportation technologies that enable America to use less petroleum.*

--EERE Strategic Plan, October 2002--



- ❑ **Goal-** To provide world-class materials characterization instrumentation capabilities to resolve materials-related barriers impeding the success of vehicle technology research.
- ❑ Specific goals:
 - Provide materials-related solutions to problems impeding fuel economy improvements and emissions reduction of engine/vehicle systems being developed by the DOE Vehicle Technologies Program and its industry partners.
 - Assist other EERE programs to resolve materials related problems.



(dollars in thousands)

FY 2007	FY 2008	FY 2009
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High Temperature Materials Laboratory **4,460** **6,564** **5,670**

- ❑ The FY 2009 funding will provide continued support of the HTML and the HTML user program.
- ❑ The HTML facility is an advanced materials R&D industrial user center located at the Oak Ridge National Laboratory.
- ❑ It develops cutting-edge analytical techniques to identify innovative materials for use in transportation applications.
- ❑ The HTML strives to maintain world-class, state-of-the-art advanced materials characterization instrumentation
- ❑ The HTML makes these capabilities available to U.S. industries and academia for use in solving complex materials problems.