

# Oak Ridge National Laboratory: Energy research to power America's future

## Near-term

## Long-term

Abundant,  
Affordable  
Domestic  
Energy

High-yield,  
robust  
biofuel  
crops



Closing  
the  
nuclear  
fuel cycle

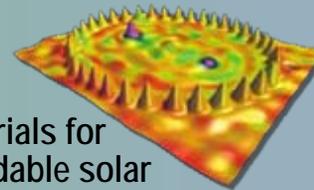


Sustainable  
nuclear  
reactors  
and fuels

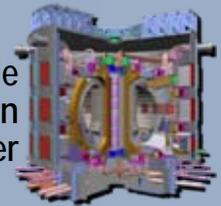
Oil shale  
extraction  
technology



Nano  
materials for  
affordable solar



Inexhaustible  
fusion  
power



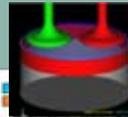
National  
Competitive-  
ness



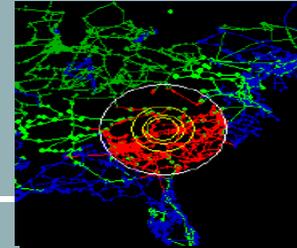
Net-zero  
energy  
houses



Efficient vehicles  
and  
engines



Smart, efficient  
electricity grid



Biotech and materials  
processes for efficient  
industry



Environmental  
Quality



Cleaner coal plants and engines



Capturing and  
sequestering CO<sub>2</sub>

