## **Recuperator Materials Development**

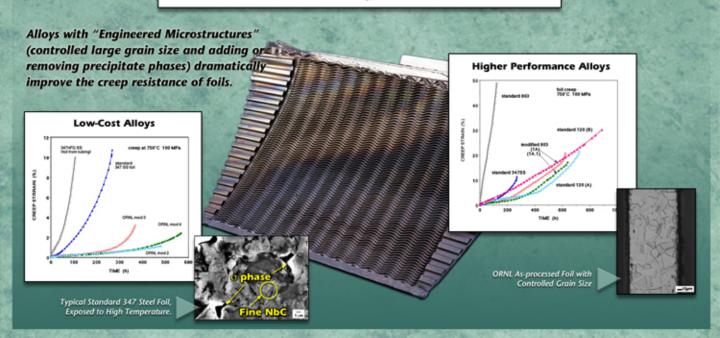
Higher-temperature recuperator materials with improved creep and oxidation-resistance are being developed for use in todays microturbines and industrial gas turbines as well as higher temperature, more efficient microturbines being developed by Capstone, Ingersoll Rand, GE, and United Technology Research Center.



## **Long Term**

Materials with improved creep and corrosion resistance are being developed for use at 750–900°C in the U.S. DOE Advanced Microturbine Systems

Cost between 3-9 x (cost of 347 steel (\$))



TIME (v)

## **Contact Information:**

Phil Maziasz, Principal Investigor, and Dave Stinton, Program Manager Oak Ridge National Laboratory (865) 574-5082 (865) 574-4556 maziaszpj@ornl.gov stintondp@ornl.gov



