

Economic Analysis Work at ORNL

- **Past DOE Work**
 - **Cost Estimating Guidelines for Advanced Reactors (1993): PRISM, SAFR, MHTGR**
 - **Management of Energy Economic Data Base (EEDB) (1975–1988)**
 - **Economic Evaluation of Production Reactors (1988–1992)**
 - **Economic Evaluation of Pu-Disposition Options (1994–present)**
- **Present DOE Work**
 - **Gen IV Reactors (as part of Gen IV Economic Modeling Working Group)**
 - **Cost Estimating Guidelines for Gen IV Reactor Systems**
 - **G4-ECONS 1.0 Software (Calculates Unit Cost of Electricity)**
 - **G4-ECONS Software Users Manual (Detailed)**
 - **AFCI/GNEP (as part of GNEP Economic Analysis Working Group)**
 - **EXCEL-Based Fuel Cycle Economic Models**
 - **Preparation of Part of AFCI Fuel Cycle Cost Basis Document and Database**
 - **Economic Support to DOE Teams for Proposed CFTC, ABR, and AFCF facilities**