Energy Industries Of Ohio

6100 Oak Tree Boulevard
Park Center Plaza Suite 200
Independence, OH 44131
216-643-2952

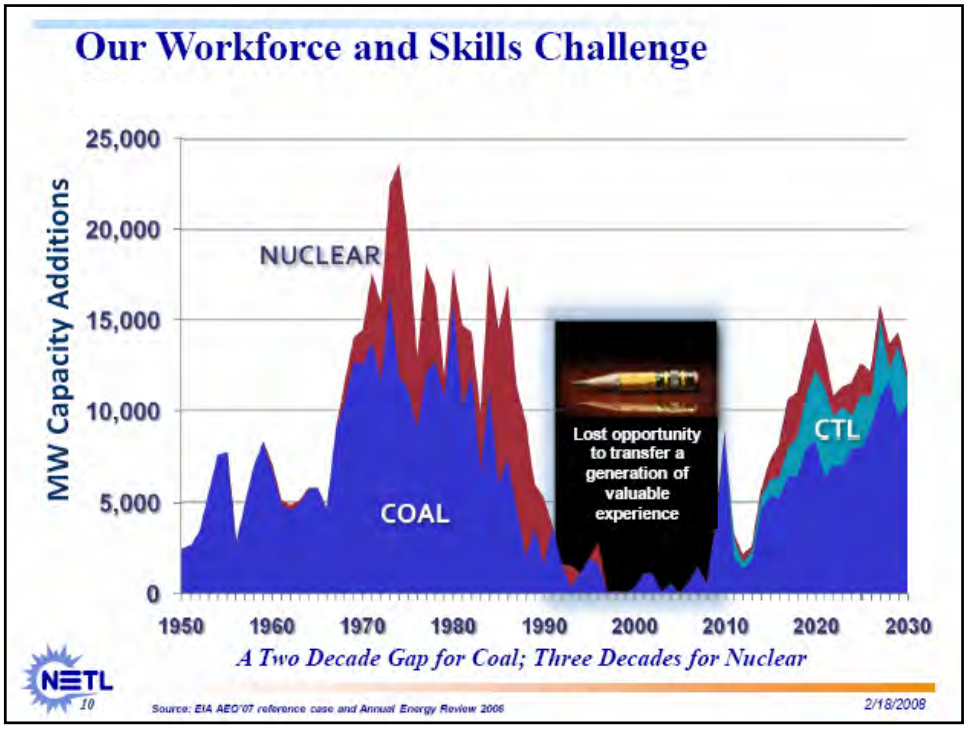
- Non Profit 501(c) 3 Corp
- Facilitate Technology Development
  - Ohio's Power Generation
  - Energy Intensive Industries
- Foster Public-Private Collaborations
  - State/Federal
  - University
  - National Laboratory
  - Industry

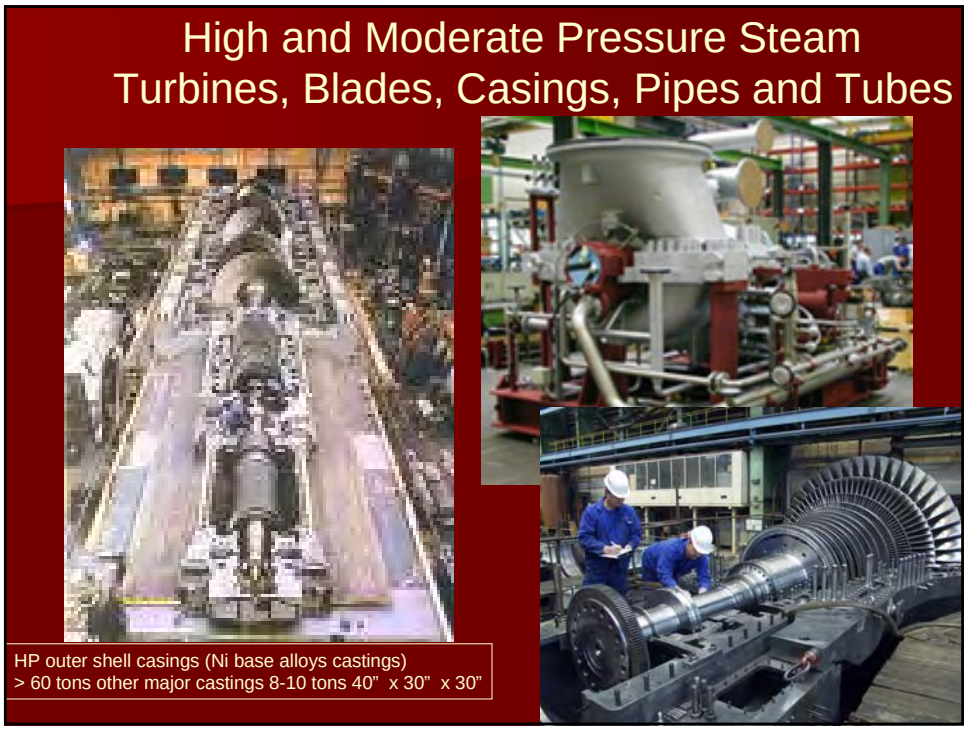
www.energyinohio.org

Re-Tooling for Advanced Energy

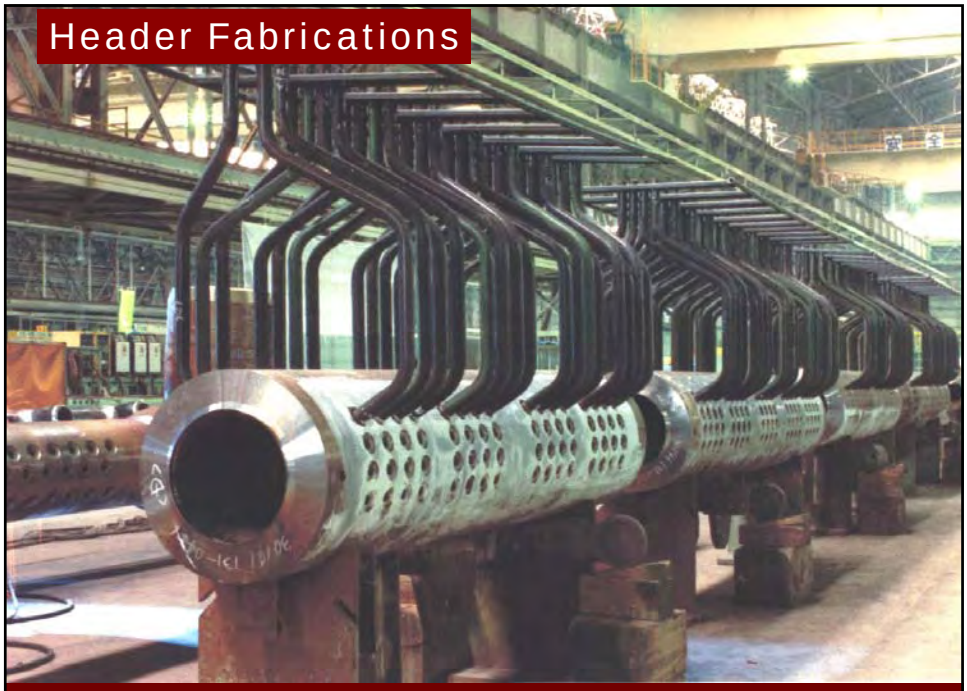
$150 Mil Jobs Bill for Energy Technologies

- Advanced Energy Includes Alternative, Clean Coal and Nuclear
- Clean Coal and Nuclear have many overlaps
- Clean Coal industry working in new alloys needing supplier base
- Nuclear base has a 30 year gap
- Supplier Development Program


Our Workforce and Skills Challenge
MW Capacity Additions
25,000
20,000
15,000
10,000
5,000
0
NUCLEAR
COAL
CTL
Lost opportunity to transfer a generation of valuable experience
1950
1960
1970
1980
1990
2000
2010
2020
2030
A Two Decade Gap for Coal; Three Decades for Nuclear
NETL
10
Source: EIA AEO'07 reference case and Annual Energy Review 2006
2/18/2008


High and Moderate Pressure Steam Turbines, Blades, Casings, Pipes and Tubes
HP outer shell casings (Ni base alloys castings)
> 60 tons other major castings 8-10 tons 40" x 30" x 30"

Header Fabrications



Center for Melt and Thermal Technologies

- New Program
- Dove Tail Ohio & Federal Programs
- Compliments Assessments
- Partnered w/CWRU
- Industrial and Automotive Benefits

Industrial Gasification: A "Success Story" for Public/Private Partnerships

- PUCO
- OEE
- General Electric
- Gas Technology Institute
- Ohio Coal Association
- Glass Manufacturers Industrial Council
- Ohio Cast Metals Association
- Ohio Steel Council

OAKRIDGE NATIONAL LABORATORY
Managed by UT Battelle for the Department of Energy

First Responder Training Program

- Know Community's EP
- Annual Inspections
- Quick Start capability
- Quick Connect Procedures
- Volunteer Assistants
- Beta Site Training w/CCC