Development of Materials for Advanced UltraSuperCritical (AUSC) Power Systems

National Coal Council Meeting

April 2016

www.energyinohio.org
Federal, State, Non Profit, For Profit-Industrial Cost Sharing Consortium
USC Program Management

- EIO is Prime Contractor
  - Contractual, Administrative, Legal and Financial Aspects
- EPRI is Technical Lead Organization
  - Technical Management, Coordination and Reporting
- Industry and Nat’l Labs were Task Leaders

- Technical Program Steering Committee
  - Technical Direction and Issues
- Program Management Oversight Committee
  - High Level Technical and Business Decisions
Management Approach

- Separate Business and Technical Management Teams
  - Similar to DoD Special Project Offices
- Good approach for many unique business issues
  - Memo of Understanding amongst Consortium
  - IP Sharing/Patent Rights defined
  - Reporting Formats and Integration
  - Communication Protocols/Anti-Trust Considerations
  - Budgeting Issues
    - Differing Fiscal Years
    - Differing Accounting Regulations & Requirements
    - Differing Invoice formats
  - Subcontract Grant Administration
Progress to Date and Future Goals

- **Initial technical effort**
  - Completed per schedule
  - Completed per Budget

- **Successfully identified materials to achieve goals**

- **Industry Roundtable conducted to map “next steps”**
  - Defined Component Test Followed by Demo Plant

- **Re-Formulated Consortium with similar approach for the Component Test**
  - EIO Administrative Lead
  - EPRI Technical Lead
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