

# FedSources



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## National Energy Technology Laboratory (NETL)

FedSources  
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# Overview

- A profile of the Department of Energy's National Energy Technology Laboratory (NETL) in Pittsburgh, PA
  - General Information
  - NETL Lab Phone Numbers
  - FY2008 Budget
  - Areas of Research
  - NETL Staff
  - On-Site Research Points of Contact
  - Major Site Support Contractors
  - NETL Organization
  - Procurement Practices
  - Procurement Contacts

# General Information

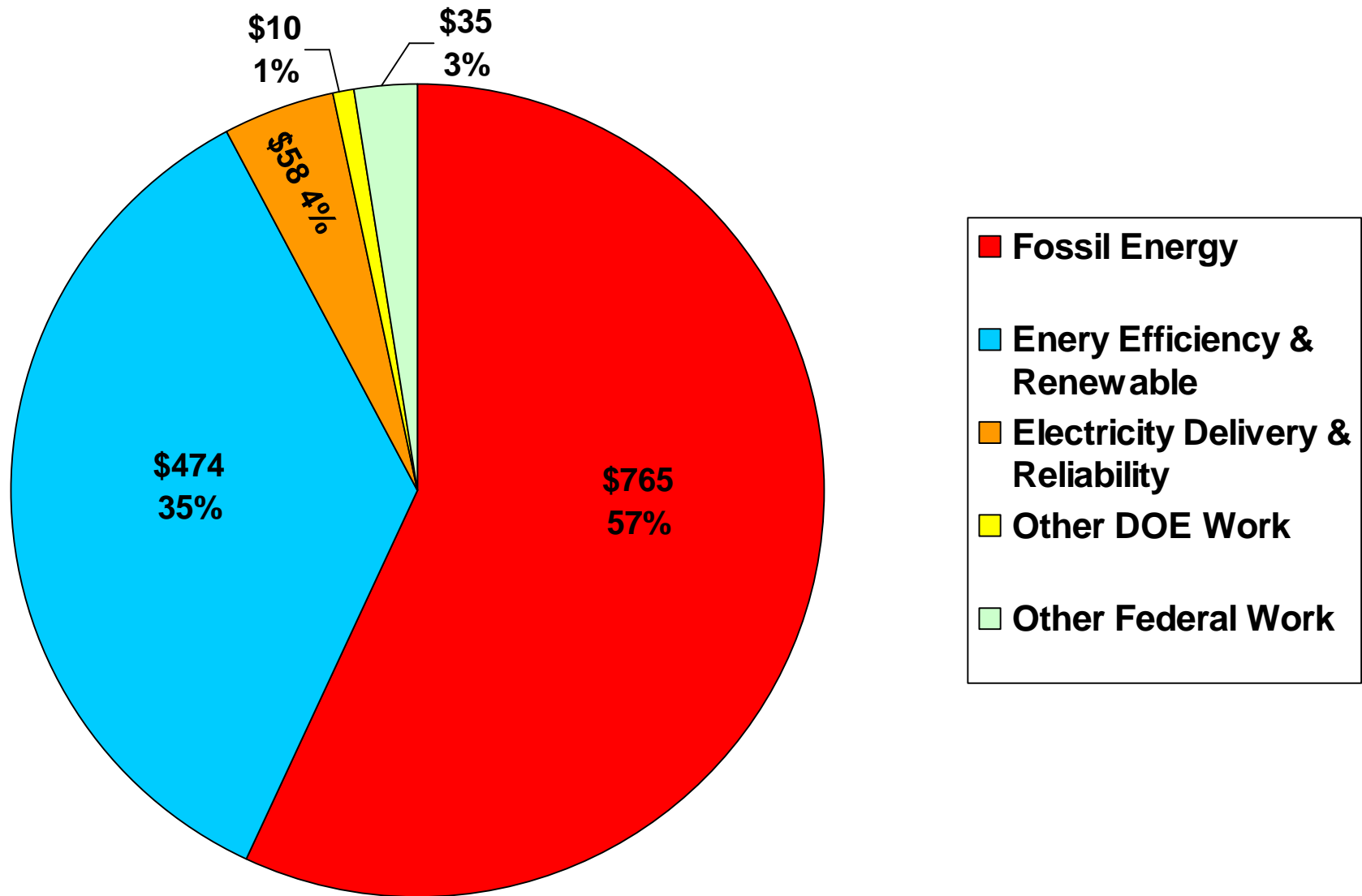
- NETL is owned and operated by the Department of Energy
- Mission Objectives:
  - Enhance America's energy security
  - Improve the environmental acceptability of energy production and use
  - Increase the competitiveness and reliability of U.S. energy systems
  - Ensure a robust U.S. energy future
- NETL has expertise in coal, natural gas, and oil technologies, contract and project management, analysis of energy systems, and international energy issues
- NETL Locations:
  - Morgantown, WV
  - Pittsburgh, PA
  - Tulsa, OK
  - Albany, OR
  - Fairbanks, AK

***Approximately 1,100 employees work at NETL's five locations. Roughly half are federal employees, and half are site support contractors.***

# NETL Lab Phone Numbers

- Albany, OR
  - (541) 967-5892
- Fairbanks, AK
  - (907) 452-2559
- Morgantown, WV
  - (304) 285-4764
- Pittsburgh, PA
  - (412) 386-4687
- Tulsa, OK
  - (918) 699-2000

# FY2008 Budget



# Areas of Research

- **Computational & Basic Sciences**
  - Seeks to integrate physical and chemical experimental research with computational sciences as the preferred method for understanding and developing technologies, advanced materials, and multi-scale energy systems
  - The focus area supports activities in coal power systems and natural gas and oil technologies
- **Energy System Dynamics**
  - Seeks to conceive, analyze, and develop pre-commercial energy technology that minimizes the environmental impact of fossil fuel use and that maximizes reliable use of domestic energy sources and infrastructure
  - The focus area addresses turbines and fuel cell hybrids, fuel cells, fuel processing for fuel cells, gasification, carbon dioxide capture for pulverized coal and for integrated gasification combined cycle (IGCC) systems, reciprocating engines, and sensor/control methods for all these energy systems

# Areas of Research

- Geological and Environmental Systems
  - Seeks to assess the capacity, suitability, and permanence of potential carbon sequestration reservoirs, to assess the ability of unconventional reservoirs to produce gas and oil and assist in that production, to improve environmental performance of existing power plants, and to be recognized for performing sound science, achieving excellence, and meeting goals
  - The scope of the focus area includes geological sequestration; ensure permanent carbon sequestering; resources assessment; production modeling; development of unconventional gas and oil resources; fate of air toxics such as mercury; byproduct utilization; and water issues related to existing coal-fueled electric power plants

# Areas of Research

- Materials Science
  - specializes in life cycle research starting with the formulation, characterization, and melting of most metals, alloys, and ceramics; casting and fabrication; prototype development; and the recycling and remediation of waste streams associated with these processes
  - This focus area addresses the need for new materials that can withstand higher temperatures and corrosive environments of advanced power generation technologies such as coal gasifiers, turbines, combustors, and fuel cells

# NETL Staff

More than 1,200 employees work at NETL's five sites; roughly half are Federal employees and half are site-support contractors.

## Federal Employees

Scientists	20%
Engineers	38%
Technical	8%
Professional	12%
Administrative	20%
Other	2%

## Site-Support Contractors

Scientists	9%
Engineers	24%
Technical	22%
Professional	12%
Administrative	19%
Other	14%

# NETL Staff

- Carl O. Bauer – NETL Director
- Ralph C. Carabetta – Deputy Director
- Thomas M. Torkos – Chief Operating Officer
- Joseph P. Strakey, Jr. – Chief Technology Officer
- Richard P. Walters – Albany, OR Site Manager
- Scott M. Clara – Director, Strategic Center for Coal
- John R. Duda – Director, Strategic Center for Natural Gas & Oil
- Charles M. Zeh – Director, Project Management Center
- Anthony V. Cugini – Director, Office of R&D
- Thomas Wilson, Jr. – Director, Office of Institutional and Business Operations

# On-Site Research Points of Contact

- Anthony Cugini – ORD Director
  - (412) 386-6023 [cugini@netl.doe.gov](mailto:cugini@netl.doe.gov)
- Joseph Parise – ORD Deputy Director
  - (412) 386-6123 [joseph.parise@netl.doe.gov](mailto:joseph.parise@netl.doe.gov)
- Madhava Syamlal – Computational & Basic Sciences
  - (304) 285-4685 [madhava.syamlal@netl.doe.gov](mailto:madhava.syamlal@netl.doe.gov)
- George Richards – Energy System Dynamics
  - (304) 285-4458 [george.richards@netl.doe.gov](mailto:george.richards@netl.doe.gov)
- David Wildman – Geological & Environmental Systems
  - (412) 386-4913 [david.wildman@netl.doe.gov](mailto:david.wildman@netl.doe.gov)
- Cynthia Powell – Materials Science
  - (541) 967-5803 [powellc@netl.doe.gov](mailto:powellc@netl.doe.gov)

# Major Site Support Contractors

Contractor	Contractor Role	Period of Performance	Contract # and Amount
Technology and Management Services Inc.	Planning, analysis, and technology communication support to Federal staff working on research, development, and deployment of energy and environmental technologies	11/01/04 – 10/31/07 plus two one-year options	DE-AM26-05NT41816 \$22 million for 3-year base
Research and Development Solutions, LLC	Support management and integration of all stages of science and technology development leading to commercially viable solutions	9/24/04 – 9/23/07 plus two one-year options	DE-AM26-04NT41817 \$127.5 million for three-year base.
Performance Results Corporation (PRC)	Support Administrative Services (SAS) for Morgantown, WV and Pittsburgh, PA sites	4/8/05 – 4/7/08 plus two one-year options	DE-RP26-03NT41819 \$10.5 million for three-year base
Prologic Inc.	Information Technology and Engineering Support (ITES) Services	6/16/04 – 6/15/07 plus two one-year options	DE-AC26-04NT41820 \$13.7 million for three-year base
Pace-Tec	Grounds Maintenance, Janitorial and Related Services for Morgantown site	9/30/03 – 9/29/04 plus four one-year options	DE-AC26-03NT41832 \$4.2 million through 9/30/05

# Major Site Support Contractors

Contractor	Contractor Role	Period of Performance	Contract # and Amount
TJR Enterprises Inc.	Grounds Maintenance, Janitorial and Related Services for Pittsburgh site	7/31/03 – 7/31/05 plus one two-year option and one one-year option	DE-AC26-03NT41741 \$6.7 million through 7/31/07
Eagle Facilities Management Services	Site Operations Services (SOS) for Morgantown and Pittsburgh sites	12/31/04 – 12/31/07 plus two one-year options	DE-AM26-05NT41818 \$26.6 million for base period
ISF Security Group dba Ameritex Guard Services	Site Security Services for Albany, Morgantown, and Pittsburgh sites	11/01/05 – 11/01/08 plus two one-year options	DE-AC26-06NT42398 \$5.4 million through base period

# NETL Organization

- NETL is organized into seven strategic units:
  - Strategic Center for Natural Gas and Oil
    - SCNGO is charged with implementing science and technology development to resolve the environmental, supply, and reliability constraints of producing and using oil and gas resources
  - Strategic Center for Coal
    - SCC is charged with implementing research, development, and demonstration to resolve the environmental, supply, and reliability constraints of producing and using coal resources
  - Office of Systems, Analyses and Planning
    - System studies provide input to decisions on issues such as national plans and programs, resource use and environmental and energy security policies, research and development in technology, and deployment of energy technology
  - Project Management Center
    - Harnesses expertise and talent for non-fossil energy research, development, and demonstration projects, including those with other Federal organizations such as the Office of Energy Assurance, the Department of Homeland Security, and the Office of Energy Efficiency and Renewable Energy
  - Office of Research & Development
    - Performs basic and applied research and development in fossil energy and environmental science
  - Office of Institutional Business Operations
    - Plans, directs, and coordinates administrative, operational, construction, and staff support activities for the Laboratory
  - Office of Crosscutting Functions
    - Plans, directs, and coordinates policy, administrative, and site support contract management activities that crosscut Laboratory activities

# NETL Organization

Strategic Center for Natural Gas & Oil  
726A000000 (200)  
Director: John Duda  
Deputy: Margaret Lou

Arctic Energy Coordinator: Brent Sheets  
Technology Manager, Exploration & Production: Roy Long  
Administrative Specialists: Judy Gribble and DeAnnRhea

Technology Manager, Methane Hydrates: Vacant Ray Boswell (Acting)  
Technology Manager, Ultra-Deep Water: Al Yost (detail)

Natural Gas & Oil Project Management Division  
726A300000 (211)  
Director: James Ammer

Ultra-Deep Consortium Management Team  
Roy Long, Lead  
Gary Covatch, Petroleum Engineer (Deep Water)  
Chandra Nautiyal, Physical Scientist  
Helen V. Weyland, Physical Scientist (Unconventional)  
William Fincham, General Engineer

Methane Hydrates Management Team  
Richard Baker, Lead  
Robert Vagnetti, Physical Scientist  
Frances Toro, Geophysicist  
John Terneus, General Engineer

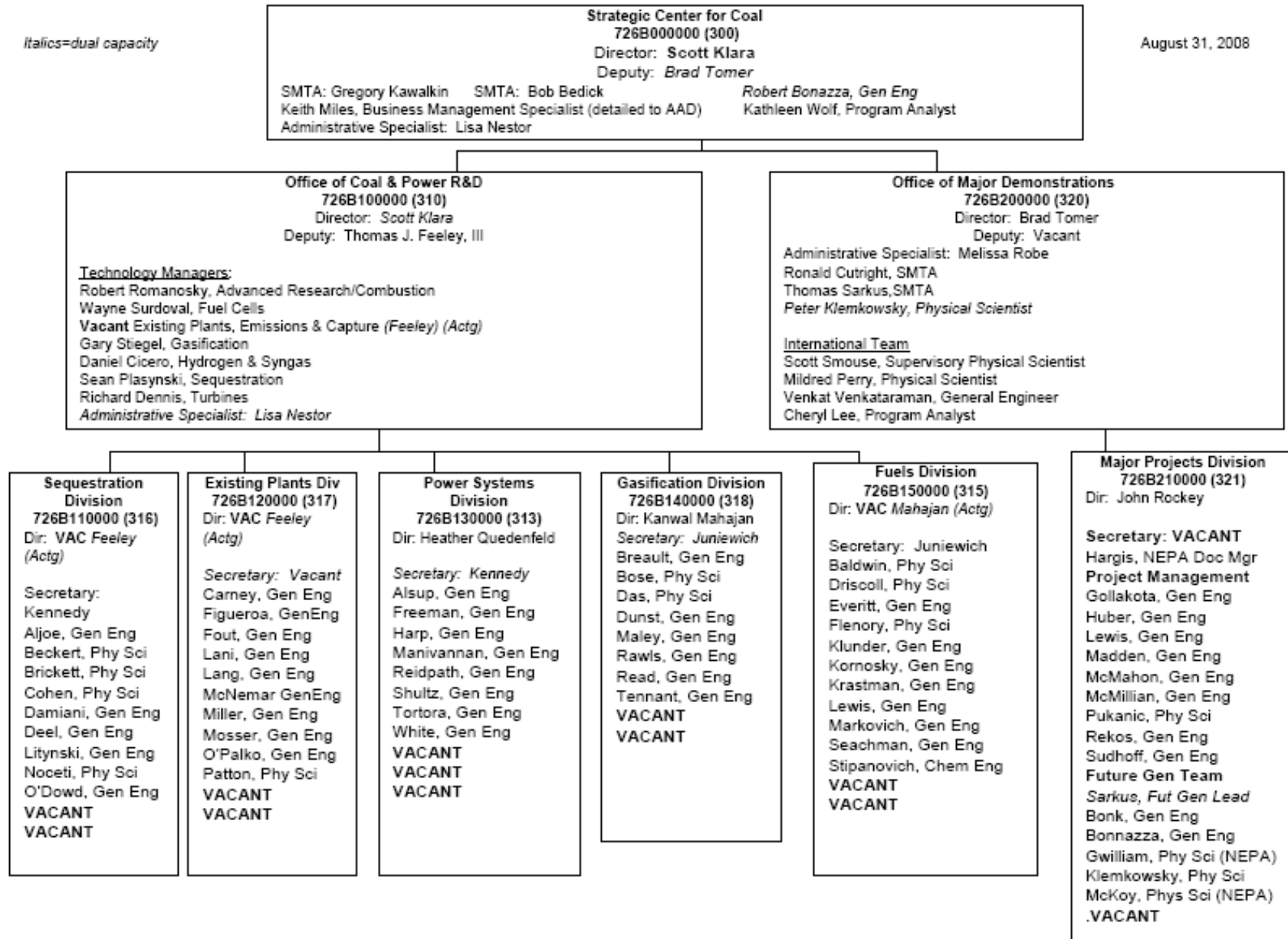
Unconventional Oil & Gas Management Team (Stripper Well/EOR Technology)  
Roy Long, Lead (Actg)  
Jesse Garcia, Physical Scientist

Energy Infrastructure Analysis Team  
Lead: Keith Dodrill, General Engineer  
Traci Rodosta, Physical Scientist  
Sandra McSurdy, Physical Scientist

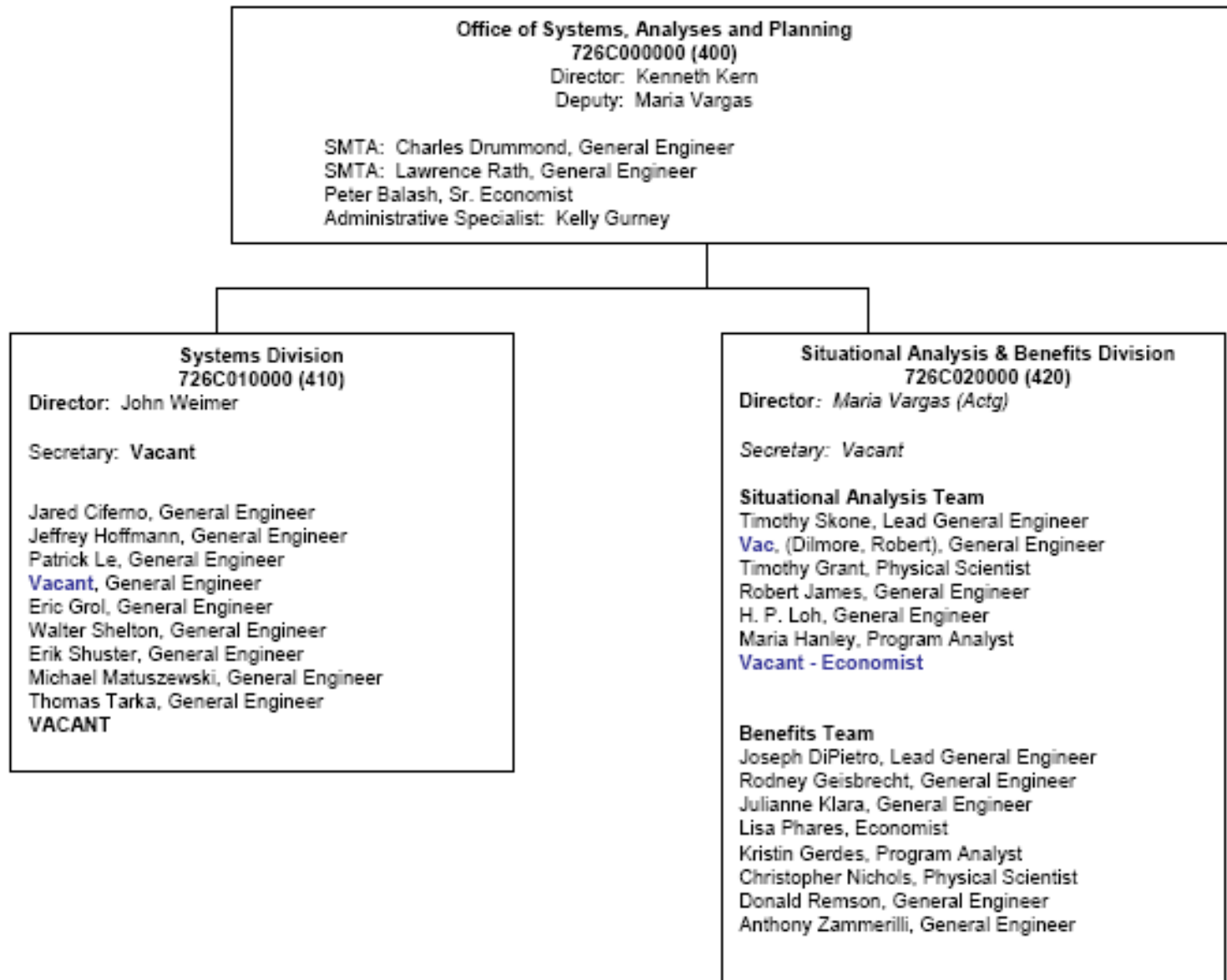
# NETL Organization

*Italics=dual capacity*

August 31, 2008

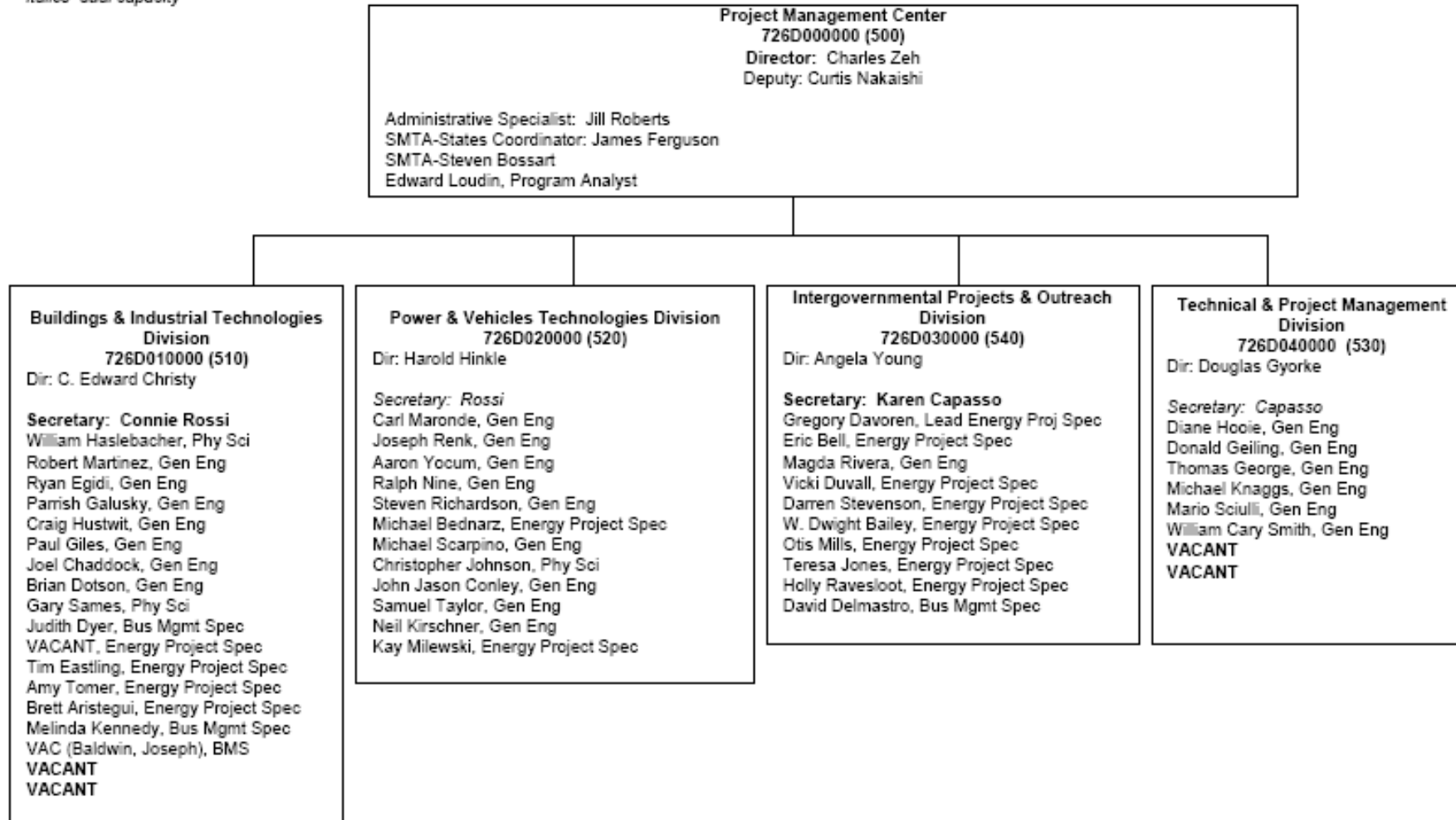


# NETL Organization



# NETL Organization

*Italics>=dual capacity*



# NETL Organization

*Italics>=dual capacity*

August 31, 2008

## Office of Research and Development 726E000000 (600)

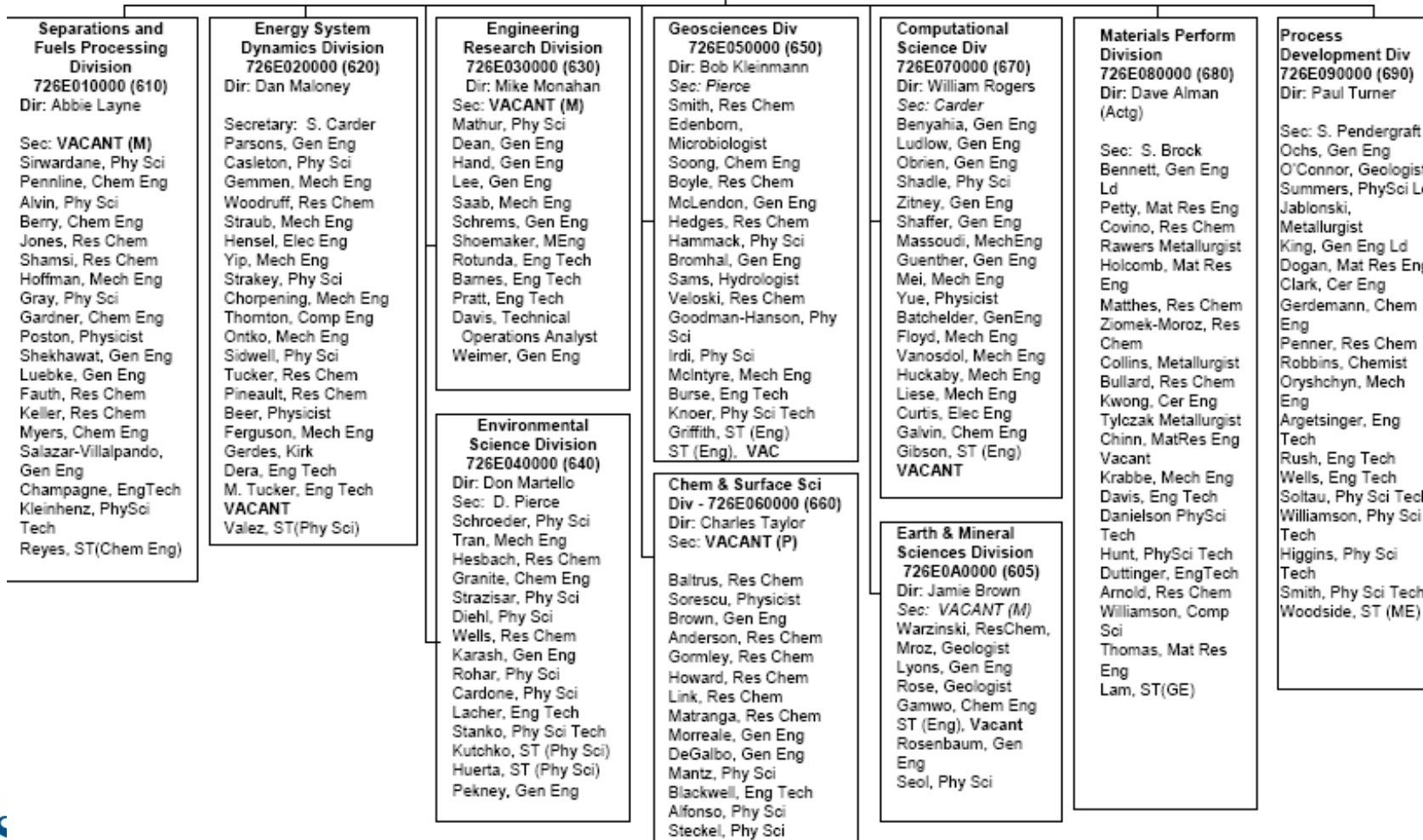
Director: Anthony Cugini  
Deputy: Joseph Parise

### Focus Area Leads:

Madhava Syamial, Computational & Basic Sciences, EJ-V  
George Richards, Energy System Dynamics, EJ-V  
George Guthrie, Geological & Environmental Systems, EJ-V  
Cynthia Powell, (Actg) Materials Science, EJ-V  
Kurt Rothenberger, Physical Scientist

Michael Nowak, SMTA  
Roberta Newlon, Technology Transfer  
Kim Niedzwicki, Program Analyst  
Administrative Specialist: Martha Linhart

Ray Boswell, SMTA for Gas Hydrates  
Dave Wildman, SMTA  
Swenam Lee, Gen Engineer



# NETL Organization

August 31, 2006

**Office of Institutional & Business Operations**  
**726F000000 (700)**  
 Director: Thomas Wilson, Jr.  
 Deputy: Martin Davis  
 Administrative Specialist: Patricia Adkins-Coliane

**Acquisition & Assistance Division**  
**726F010000 (710)**  
 Dir: Dale Siciliano  
 Dep: Patti Reger  
 Secretary: Lora Stumpf & Teresa King  
 Ferlic, CP/CA Augustino, PA  
 Cimina, CP/CA Jaskolka, PA  
 Deak, CP/CA Sullivan, BMS  
 Stolzenberg, CP/CA Nieman, AMS  
 Demicheli, CA

**Information Technology Division**  
**726F020000 (715)**  
 Dir: Mark Cerullo  
 Secretary: Vacant  
 Craig, IT Spec  
 Paton, Elec Eng  
 Hricko, IT Spec  
 Fortier, IT Spec  
 Wright, Tech Info  
 Dowdell, IT Ld  
 Fairbanks, IT Spec  
 Soukup, IT Spec  
 Cain, IT Spec  
 Estel, IT Ld  
 Delmastro, IT Spec  
 Clonch, IT Spec  
 Andrews, IT Spec  
 Danielson, Supply Mgmt Spec

**Financial Management Division**  
**726F030000 (720)**  
 Dir: Floyd Boilanger, Jr.  
 Deputy: VACANT  
 Secretary: VAC  
 Kilgore, Acct Ld  
 Beller, Acct  
 Kulsic, Acct  
 McClintock, Acct  
 Walbert, Acct  
 Walker, Acct  
 Tiberio, Budget Analyst Ld  
 Beck, FMS  
 Cook, FMS  
 Dewitt, Budg Analyst  
 Mikels, FMS  
 Paupa, Acct  
 Steich, FMS  
 St John, Budg Analyst  
 Batton, Mgmt Analyst  
**FMS VACANT**  
**VACANT**  
 Weppler, Acct  
 FMS VAC

**Environment, Safety & Health Division**  
**726F040000 (725)**  
 Dir: Bob Reuther  
 Dep: Vacant  
 Secretary: Vac  
 Lichwar, SecSpec  
 Witte SMTA(S&S)  
**VAC** Sec Spec  
 Hyman, Phy Sci  
 Spears, Phy Sci  
 Mullens, Gen Eng  
 McCollum, Gen Eng Lead  
 Curfman, Safety Eng  
 Lowry, Gen Eng  
 Navadauskas, OSH Spec  
 Sivak, OSH Spec  
 George, Env Eng Lead  
 Bell, Phy Sci  
 Hospodar, PhySci  
 Dotson, Gen Eng  
 Cooper, PhySci  
 Rodrigue, PhySci  
 Slavens, Chem Eng  
 Comstock, Phy Sci Ld  
 Kay, Gen Eng  
 Dahmer, OS&H Spec  
 Jackim, IH

**Human Resources Division**  
**726F050000 (730)**  
 Dir: Kathy Fear  
 Secretary: Vacant  
 Tamilia, HRS  
 Grimes, LRS  
 Slusser, HRS  
 Downey, HRS  
 Sholock, HRA  
 Sigley, HRS  
 McCartney, HRS  
 Zuchelkowski, HRS  
 Sisler, HRS  
 Isaac, HRS  
**VACANT**, HRS  
 Burns, HRA  
 Moore, HRA  
*(detailed to ESHD)*  
 Schlossnagle, HRA  
 Loncharich, HRA  
 Exler, HRA  
 Matetic, HRS Ld  
 Boylan HRS  
 Chapman, HRS

**Site Operations Division**  
**726F060000 (735)**  
 Dir: Don Wieczenski  
 Deputy: VACANT  
 Secretary: M. Dzurik  
 Campus, Mgmt  
 Analyst Ld  
 Griffith, IPMS  
 Wright, IPMS  
 Kelly, Mgmt Analyst  
 Welsh, Mgmt Analyst  
 Cook, Fac Assist  
 Faber, Mgmt Assist  
 Kanosky, GenEng Ld  
 Stobbe, Gen Eng  
 Kinzell, Gen Eng  
 Peck, Gen Eng  
 May, Gen Eng  
 Spengler, Gen Eng  
 Purkey, Ad Spt Spec  
 Sovic, Gen Eng Ld  
 Avon, Gen Eng  
 Schmidt, Gen Eng  
 Keller, Fac Mgmt Spec  
 Snyder, Con Ctrl Rep  
 Williams, Con Ctrl Rep  
 Smith, Gen Eng  
 Neese, Ind Prop Asst  
 Supv GE *(Hyman-detail) (Alb)*  
 Jensen, Gen Eng  
 Barnes, Supply Mgmt Spec  
 Boyd, Maint Mech  
 Schueller, Con Ctrl Rep  
 Webster, Maint Mech  
 Wells, Electrician  
 Gregory, Toolmaker  
 Tatom, Con Ctrl Rep  
 Hayes, Gen Eng

**Administrative Support Division**  
**726F070000 (740)**  
 Dir: Pat Thompson  
 Brokaw, Ad Spec  
 Stasia, Ad Spec  
 Huenefeld, Staff Assist  
 Pride, Staff Asst

**Operations Branch A - 726F011000**  
 Supv: Rich Rogus  
 Ball, Cont Spec  
 Johnson, Cont Spec  
 Byrnes, Cont Spec  
 Gruber, Cont Spec  
 Heynes, Cont Spec  
 Pearse, Cont Spec  
 Reese, Cont Spec  
 Weaver, Cont Spec  
 Blackwell, Cont Spec  
 Cary, Cont Spec  
 Destefano, Cont Spec  
 Dowdell, Cont Spec  
 Duncan, Cont Spec  
 Harshman, Cont Spec  
 McKee, Cont Spec  
 Robbins, Cont Spec  
 Spaulding, Cont Spec  
 Mohn, Cont Spec  
 Noga ConSpec (CIP)  
 Soekeres, CS (CIP)  
 Davison, CS (CIP)  
**2 -VAC 1105**

**Operations Branch B 726F012000**  
 Supv: Denise Riggi  
 Jarr, Cont Spec  
 Carrington, Cont Spec  
 Laukaitis, Cont Spec  
 Collins, Cont Spec  
 Doyle, Cont Spec  
 Kooser, Cont Spec  
 Miltenberger, Cont Spec  
 Golovach, Cont Spec  
**VACANT**  
 Kuzniar, Cont Spec  
 McDonald, Cont Spec  
 St. Clair, BMS  
 Hafer, D, Cont Spec  
 Bloniarz, Cont Spec  
 Bosley, Cont Spec  
 Saunders, Cont Spec  
 Wilson, Cont Spec (CIP)  
 Cassell, Cont Spec  
 Winaught, Cont Spec  
 Funk, Cont Spec (CIP)  
 Stark, Cont Spec (CIP)  
 Hampton ConSpec (CIP)  
 Kirschhof Con Spec (CIP)  
 Franklin, Cont Spec  
*(detailed to Ops Br A)*

# NETL Organization

## Office of Crosscutting Functions

726H000000 (800)

Director: Robin Gearhart

Administrative Specialist: Dolly Snyder

Site Support Contract Management Team:

Susan Laczko, Management Analyst

Trudy Montgomery, Financial Management Spec

Deborah Seshier, Financial Management Spec

James Cox, Financial Management Spec

Evelyn Dale, Program Analyst

Janet Straight, Program Analyst

Compliance Review/Performance Measurement:

Sharon Marchant, Business Management Specialist

# Procurement Practices

- NETL uses the [Industry Interactive Procurement System \(IIPS\)](#) and/or [Grants.gov](#) to post solicitations and funding opportunity announcements and amendments, receive proposals and applications, and disseminate award information
  - Entities wishing to participate in these solicitations will need to register at these websites
  - Proposals will be accepted only through IIPS or Grants.Gov as indicated in the solicitation document

# Procurement Contacts

- Dale Siciliano – Acquisition & Assistance Director
  - (412) 386-6073 [Dale.siciliano@netl.doe.gov](mailto:Dale.siciliano@netl.doe.gov)
- Joellen Nieman – Acquisition & Assistance Forms/Industry Interactive Procurement System
  - (304) 285-4307 [joellen.nieman@netl.doe.gov](mailto:joellen.nieman@netl.doe.gov)
- Andrew Ferling – Indirect Cost Rate Agreement
  - (412) 386-4647 [andrew.ferling@netl.doe.gov](mailto:andrew.ferling@netl.doe.gov)
- Robert Mohn – Simplified Acquisition Program
  - (412) 386-4963 [robert.mohn@netl.doe.gov](mailto:robert.mohn@netl.doe.gov)
- Raymond Jarr – A/E, Construction Contracts
  - (304) 285-4088 [raymond.jarr@netl.doe.gov](mailto:raymond.jarr@netl.doe.gov)
- Lawrence Sullivan – Small Business Specialist
  - (412) 386-6115 [larry.sullivan@netl.doe.gov](mailto:larry.sullivan@netl.doe.gov)
- John Augustine – Unsolicited Proposals Manager
  - (412) 386-4524 [john.augustine@netl.doe.gov](mailto:john.augustine@netl.doe.gov)



**FedSources**  
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**FedSources is the nation's premier provider of actionable government market intelligence, enabling vendors and government organizations to make better business decisions.**

**For more than two decades, FedSources' market intelligence services, customized consulting and informative events have provided key insight to industry and government decision makers.**

## **Market Intelligence Services**

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**Customized  
Consulting**

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**Informative  
Events**

**Experience. Intelligence. Integrity.**

**FedSources**  
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