



## STANDARD ENERGY & ENVIRONMENT RELATED SERVICES

### Independent Consultants with a Quality Heritage

SEER Services is one of the newest members of the Standard Laboratories family. It was commissioned to draw upon Standard's half-century heritage of commitment to clients and to further Standard's mission to establish itself as a world leader in the energy and environmental industries. Like Standard, SEER Services will use a quality philosophy and operational strategy to provide independent and ethical consulting services to its customers.

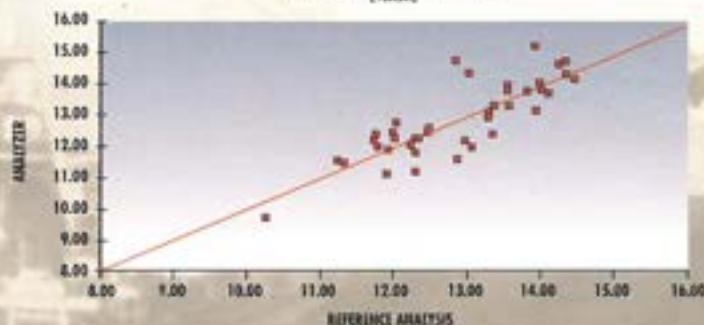
### Engineering, Measurement and Management Services

SEER Services provides industry with process and project engineering of measurement and information management systems. We also assess the impact of these systems on industry and its commerce. SEER's primary emphasis is on the safe and environmentally sound extraction, beneficiation and utilization of coal.

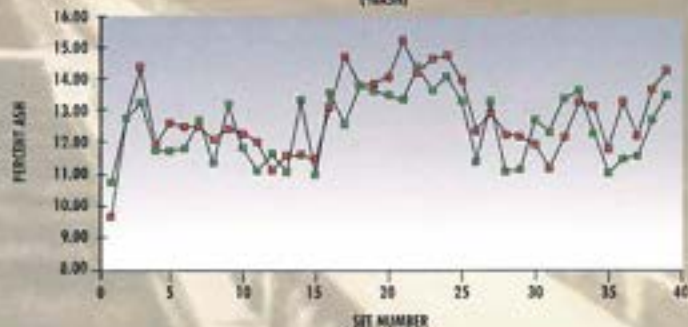
SEER Services' staff, associates and strategic partners have built their renown in the field, at the computer and in the boardroom. Our managers, engineers and scientists have pledged their experience to provide SEER's clients with timely, high-quality information in an efficient and cost-effective manner.



ON-LINE ANALYZER PERFORMANCE  
X-Y PLOT REFERENCE VS. ANALYZER  
(%ASH)



TRACKING PLOT  
ANALYZER AND REFERENCE  
(%ASH)



Prepared by SEER Services for Customer Anonymity, April 1997.

#### ENERGY & ENVIRONMENT RELATED SERVICES

- Reserve evaluation
- Plant performance optimization
- Sampling system assessments
- Weighing maintenance and calibration
- On-line analysis application and verification
- Laboratory systems improvement
- Market and utilization studies
- Technical dispute resolution
- Computerized data management solutions
- SPC and TQM systems provision
- Quality and management systems audits
- Environmental impact critiques



## Coal Processing and Preparation

SEER's engineers have enhanced performance and increased profitability for producers of all coal types. Our experience ranges from the thermal drying of low rank coals in the Powder River Basin to preparation plant automation and optimization in Appalachia. By applying our expertise to your situation SEER Services will provide yield and recovery increases in your processes.

## Quality and Quantity Measurements

The commerce of coal is measured in billions of dollars. SEER Services can help improve data collection and measurement systems, making them faster and more accurate. SEER Services has a proven record of engineering improvement in the areas of scale maintenance and calibration, mechanical sampling, on-line analyzer deployment and laboratory systems.

These improvements have allowed producers and users to make process improvements worth literally millions of dollars.

## Data and Quality Management Systems

SEER Services helps companies design, develop and implement sophisticated data acquisition and management systems.

Our engineers and software designers can develop a custom system for your data management that will provide data assessment for reliability, data integration and intelligent recommendation for process change. Experts in Total Quality Management Systems (TQM), SEER Services designs, implements and reviews systems following Malcolm Baldrige, ISO 9000, and other guidelines.

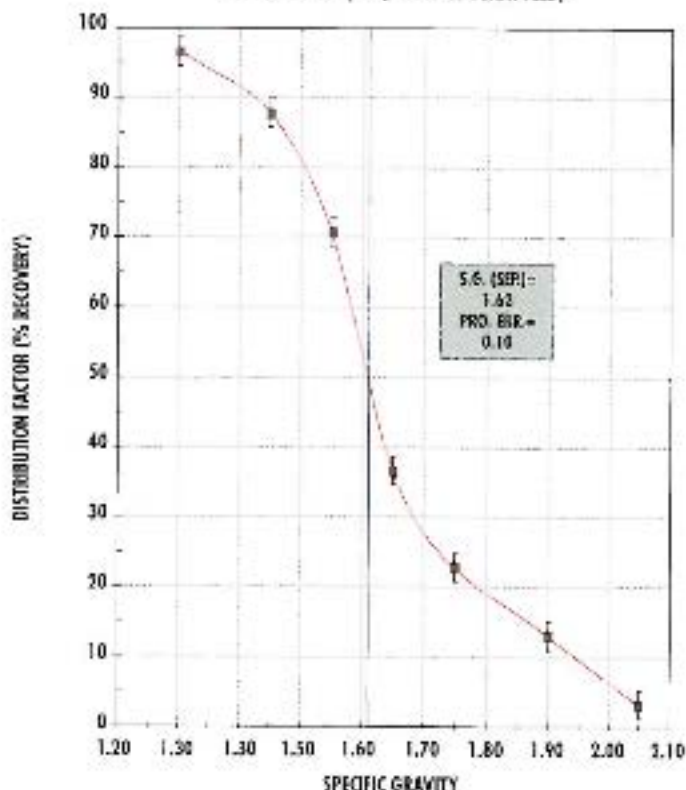
Companies have used these systems successfully to reduce waste, increase production and save countless dollars.

## Technical Assessments Related to Commerce

SEER's personnel have studied coal commerce from both the coal producer's and user's perspective. We can aid producers in determining the best markets



**JIG (UNIT 2) PERFORMANCE**  
NONINAL 6" X 1/4" (71.8% OF PLANT FEED)



Prepared by SEER Services for Customer, Appalachia, April 1997.

for their products and aid users in finding the most cost effective supply. We also audit systems, research problems, recommend solutions and negotiate in many technical areas related to contract dispute resolution. Producers will increase sales; users will realize more cost effective procurements and both will benefit.

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