

INDEPENDENT ENGINEERING SERVICES





Burns and Roe takes pride in having the flexibility to meet any client request. Whether you require a formal report for a financial closing, or a quick verbal report on the condition of an asset, Burns and Roe can be responsive with the necessary personnel to fulfill our client's expectations.

Our service is predicated on more than just theory. Members of our group have served as plant managers and construction personnel who can recognize "real world" issues that may elude less experienced engineers.

Technical Expertise-Responsive Service

What Resources Do We Have?

Our group can draw on the existing expertise of several hundred personnel at Burns and Roe. Our Staff professionals have the following skills:

- Contract Analysis
- Engineering
- Procurement
- Construction
- Cost Estimating
- Operation and Maintenance
- Condition Assessments
- Financial Analysis
- Environmental Review
- Boiler Inspections
- Proforma Modeling

When Is Comprehensive Due Diligence Needed?

We recommend comprehensive due diligence in the following contexts:

- Credit Committee Approvals of Greenfield/Brownfield Projects
- Acquisition/Divestiture of Operating Projects
- Financings/Refinancing/144A Bond Offerings
- Restart of Engineering/Construction on Delayed Projects
- Special Situations, e.g., Distressed Asset Sales and Foreclosures, Litigation, Bankruptcy



Typical Project Lifecycle for New Project Development

Phase I

Due Diligence

- Site Visit
- Contract Review, EPC, Operations
- Proforma Review
- Technical Audit



Phase II

Construction Monitoring

- Monthly Project Monitoring
- Assessment of Project Progress
- Review of Drawdown Requests
- Change Order Management



Phase III

Performance Witness Testing

- Procedure Review
- Witness Tests
- Certification of Results



Phase IV

Ongoing Monitoring

- Annual Site Visit
- Annual Audit
- Annual O&M Budget review/approval

Representative Clients

- ArcLight Capital, LLC
- Bank of America
- CS First Boston
- Goldman Sachs
- Lehman Brothers
- Citibank
- Inter-American Development Bank
- Standard & Poor's
- Moody's
- BNP Paribas
- El Paso Corporation
- Tractebel Project Development
- First Treasury Asset Management
- XL Capital Assurance
- Algonquin Power Funding Canada
- CIBC
- US PowerGen
- Mizuho
- Union Bank of California
- Chase Securities, Inc.
- West LB
- DTE Energy Services



Typical Scope of Services

- Asset Acquisition Due Diligence
- 144A Bond Financing
- Technical Audits
- Construction Monitoring
- Witness Testing
- Rating Agency Review
- Reaffirmation of Debt Rating
- Project Sale
- Project Refinance
- Technical Advisor for Bankruptcy

