



**D&B ENGINEERS
AND
ARCHITECTS, P.C.**

Corporate Office:

330 Crossways Park Drive
Woodbury, NY 11797
Tel: 516-364-9890
718-460-3634
Fax: 516-364-9045

Regional Offices:

4 West Red Oak Lane
White Plains, NY 10604
Tel: 914-467-5300
Fax: 914-467-4658

11 Oval Drive, Suite 100
Islandia, NY 11749
Tel: 631-265-8921
Fax: 631-265-8961

5879 Fisher Road
East Syracuse, NY 13057
Tel: 315-437-1142
Fax: 315-437-1282

3000 Hadley Road
South Plainfield, NJ 07080
Tel: 908-668-4747
Fax: 908-668-4658

8 Neshaminy Interplex,
Suite 219
Trevose, PA 19053
Tel: 215-244-9972
Fax: 215-344-9977

11 N. Pearl Street, Suite 1106
Albany, NY 12207
Tel: 518-636-6912

Energy Recovery Facilities

SERVICES INCLUDE:

Facilities Studies and Economic Analysis

Design and Procurement

Permitting

Construction Management

Facility Efficiency Studies

*Operation and Maintenance Reviews
and Troubleshooting*



D&B Engineers and Architects, P.C. (D&B) has established itself as a premier independent consulting engineering firm in the highly specialized area of energy recovery facilities, including refuse-derived fuel and mass burn systems. D&B has served as an engineering consultant on over 40 projects ranging in size from 12 to 3,000 tons per day, with more than half of these assignments involving the rehabilitation and upgrading of existing facilities. D&B has hands-on experience with all of the commercially available refuse processing/fuel preparation systems, stokers, furnaces and boilers in operation today.

Each of D&B's assignments include in-depth feasibility studies addressing the key elements of successful projects, covering the following topics: waste stream quantity and characteristics; recycling and waste reduction projections; flow control; site development; site access and traffic; technology assessment; permitting requirements; potential energy markets and sales agreements; financeability; and project development schedule.

These studies have been utilized by each of the parties essential to the successful development of an energy recovery facility project, including permitting agencies, bidders and contractors, attorneys, investment bankers, electric utilities, the general public, and D&B's own clients. D&B's capabilities have been credited on numerous occasions as part of the firm's record of making projects happen where others have been unsuccessful.

D&B's record of success includes its work in preparing all the environmental impact statements, stack emissions dispersions analyses, health risk assessments, and permit applications necessary to obtain authorization to construct and operate energy recovery facilities. D&B has been at the forefront of combustion system and air pollution control advancements. These have been necessary to ensure that facilities do not pose unacceptable health or environmental impairment risks.

Following the successful development of facilities by D&B's clients, there has been an emergence of the need for operation and maintenance reviews. D&B has been engaged by several clients to conduct such reviews, either on a continuous basis as part of contractor performance monitoring, or on a special assignment basis in response to changes in regulations, or contractor proposals for facility modifications. In addition, D&B has been asked to conduct troubleshooting analyses after major operations problems or failures occurred and to propose design or contractual solutions at facilities where D&B has not been employed previously.

D&B possesses the in-house capability to either design an energy recovery facility from the ground up, or to procure a full-service contractor to design, build and operate. In both instances, D&B has provided final design review, construction management and acceptance testing monitoring services to its clients.

www.db-eng.com