

Client	Power production company
Profile	Client has interests in 57 power plants located in the Americas, Asia, and Europe. Its plants use a variety of fuels, including municipal solid waste, wood waste (biomass), landfill gas, water (hydroelectric), natural gas, coal, and heavy fuel. Client has 38 waste-to-energy plants in the US. These specialized plants can convert 16 million tons of waste into more than 8 million MW hours of electricity annually and create 10 billion pounds of steam that are sold to a variety of industries.
Challenge	Disparate scale systems and multiple (22) remote locations stressed Client's support organization and prevented accurate and timely access to financial data. Advanced pricing requirements were all manually produced, with no workflow or evidence that contractual terms are consistently applied.
Solution (What Bluware Did)	Bluware consultants developed a custom Oracle application to capture key contractual terms and produce customer billing details based upon transactional data. The Bluware team developed a custom integrated transactional system integrating PC Scale, a third-party scale system, with the ERP applications (PeopleSoft Financials, Oracle E-Business Suite) providing for centralized management of key data elements, and consolidating reporting across many remote sites in real time. An additional custom process replicated data to a central location to ensure adequate backups and provide rapid disaster recovery.
Benefit(s)	<p>Elimination of redundant data-entry increased accuracy and timeliness of reporting. Established and enforced standards through centralized management of key data elements. Provided real-time access to financial information across 22 facilities. Automated billing model handles advanced pricing, increases accuracy, and reduces billing cycle. Real-time data access enabled better business decisions such as enforcing corporate credit standards at remote locations.</p> <p>Client response: "Bluware designed and implemented sophisticated online billing system which reduced DSO by 2 days, resulting in \$1.5M annual profit improvement."</p>
Consultants	Team involving Oracle PM, Oracle Sr. Developer, Oracle Functional Resource(s), Java Senior Developer, Java Architect, Oracle Sr. Developer, Infrastructure System Architect, Oracle and Microsoft Sr. QA, .Net Sr. Developer, Oracle DBA, Infrastructure PM.
Type	Turnkey solution which utilized custom developed applications and custom interfaces leveraging (existing) standard applications.
Project length	Multiple projects spanning 2000 to Present
Tools/Technology	Package Apps: PeopleSoft Financials Oracle E-Business Suite PC Scale by PC Scale Tower Tools and technology: Oracle RDBMS Oracle OAS Oracle Express Oracle Forms Oracle Discoverer Oracle SQL*Plus, PL/SQL Oracle Advanced Replication