



## Renewable Energy Solutions

### Risk Solutions

#### HSB PLC

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### HSB Professional Loss Control

HSB PLC consultants have in-depth knowledge of fire protection and loss control methods and extensive experience dealing with renewable energy. Reflecting our high level of expertise, our specialists are leaders in the development of the National Fire Protection Association (NFPA) fire safety standards, which are central to property loss control programs nationwide.

### Engineering Services

HSB PLC has extensive experience in providing various loss control services to the renewable energy industry, including the photovoltaic, concentrated thermal solar, biomass, biofuel, wind, hydro and geothermal industries. HSB PLC's in-depth analysis of the facilities and offered recommendations can assist in reducing losses and operating the facility more efficiently and safely. HSB PLC provides the following consultative services for the renewable energy industry:

- Property loss control services
- Fire protection system analysis and specifications
- COPE Underwriting Reports
- Life Safety studies and audits
- Hazard Evaluation
- PML/MFL loss expectancy studies
- Loss control program development
- Recommendation tracking
- Loss analysis/investigation
- System specification and development
- Sprinkler design/analysis
- Secondary characteristics
- Property valuation (Marshall & Swift)
- Impairment monitoring
- CAD drawing services
- New construction/plan review



Hartford Steam Boiler

## HSB Professional Loss Control Quality Management Process

Property loss control is an area where mistakes can be more than costly. That's why HSB PLC's Quality Management Program (QMP) ensures that no report is delivered until it passes a rigorous series of internal reviews. Our clients benefit from a timely, accurate report tailored to specific needs.

## HSB Professional Loss Control Project Management

One of the first steps is to develop a service plan with the client that defines deliverables and interfaces between the companies and other aspects of the project. The project manager assembles a highly qualified team of HSB PLC professionals to service each account and orients them to the service plan. Throughout the project, the project manager actively monitors:

- Work status
- Cost structure
- Workflow changes
- Changing client needs and requirements

Reports are reviewed for technical content by the project manager and client service coordinator to ensure that all elements of the service plan have been addressed. Review criteria include:

- Consistency - Loss expectancy and recommendations for similar hazards
- Completeness - Narratives, calculations, test results, etc.
- Accuracy - Appropriate standards applied correctly
- Problems - Immediate client notification of:
  - Large loss potential/fire system impairments/improperly closed values
  - Other serious problems found

After the review has been completed, the project manager documents the review and provides feedback to the consultant who prepared the report. Reviews are graded and used to support our continuous improvement process. Periodic process audits are also conducted to ensure quality.

Epitomizing personalized service and attention to detail, HSB PLC's Quality Management Program is yet another feature that separates us from the pack.

HSB PLC has the flexibility to deliver creative, cost-efficient solutions that are designed to meet specific client requirements. We develop consultative working relationships with our clients and brokers and develop customer-focus solutions to property loss control challenges in the renewable energy industries.