

Energy Services

Strategy. Efficiency. Performance.



Business Challenge. Private Sector Businesses and Public Sector organizations alike continually need to respond to the critical challenges of energy price uncertainty, secure energy supply and improved energy operational efficiency against a background of emerging climate change policies, energy market price volatility, sustainability delivery, and legislative requirements.

With world leading skills and experience in energy compliance, carbon management, sustainability and verification, Apex continues to work with a wide range of clients to provide vision and solutions to deliver medium and long-term targets through energy cost management, regulatory compliance, energy reduction projects and implementation of performance monitoring best practice procedures.

Solutions

Energy Strategy, Audits, and Energy Efficiency Assessment

Energy strategy delivery provides clients with identification of existing business performance and an initial focus on a potential way forward. Clients often require strategic direction in understanding their current business position with regard to Energy and to provide a coherent route map to mitigating future increased costs and carbon reduction target compliance.

Energy audits provide our clients with a prioritized list of actionable and costed recommendations that help improve the energy efficiency of their buildings and operational processes. We assess the performance of all major energy consuming services in the building (heating, ventilation, air-conditioning, lighting, IT equipment, and water) through intrusive site and plant inspections, the analysis of energy bills, information from available Building Management Systems (BMS) and data logging. We specifically identify low performing assets with regard to operational and energy efficiency performance, and review against current ASHRAE and other compliance standards.

For all recommendations, the payback period is evaluated and the customer is provided with detailed follow-up actions to ensure identified savings are actually achieved.

Energy Performance Management

A critical area of identifying inappropriate energy use and energy saving opportunities is through energy performance management. This includes activities such as energy sub metering, monitoring and targeting, data collection analysis and presentation, and benefits realization reporting. It is through these activities that leading organizations implement energy efficiency best practice programs and procedures to ensure delivery of energy and carbon reduction in the short, medium and longer term.

Activities and Services

- Sustainable energy strategy production
- Predictive energy demand assessment
- Single and multi site energy audits and assessments
- Energy efficiency through design identification
- Energy monitoring and targeting
- Energy metering
- Energy saving opportunities assessment
- Energy data collection and verification services
- Energy project benefits

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