



Energy Strategy

Achieving results through holistic energy management

Growing ambitions to manage the environmental impacts of operations, coupled with improved market options, has created an opportunity for holistic energy management that incorporates energy efficiency and renewable energy solutions to improve performance and manage costs.

WSP's energy services enable clients to bridge cost management and sustainability ambitions into actionable plans and goal achievement. We support our clients in developing and implementing organization-wide programs that manage energy costs and improve environmental performance through an optimized investment approach.

Our services

WSP's suite of energy services is designed to translate organizational sustainability and financial portfolios into effective energy management through development of a clear and actionable roadmap, and implementation support to realize success. These services are supported by a global team to provide consistency across our clients' portfolio, coupled with local expertise and on the ground support.

- **Program development:** Identifying and prioritizing renewable energy and energy efficiency opportunities, and leveraging analytics of energy portfolio data and facility energy and sustainability assessments.
- **Opportunity evaluation:** Assessing the range of options available across the global organization, considering financial, operational and sustainability objectives.
- **Energy planning:** Creating energy roadmaps with implementation plans and schedules for organization-wide planning and management.
- **Program implementation:** Managing and overseeing deployment of identified energy initiatives, including development of stakeholder communication and education resources.
- **Renewable energy strategy and sourcing:** Facilitating all phases of the renewable procurement process, including initial strategy identification, green tariff analyses, management of the request for proposal (RFP) process, and project technical and financial due diligence for all types of renewables, such as on-site renewables, power purchase agreements (PPAs) or unbundled environmental attributes.
- **Data management and reporting:** Designing and overseeing data acquisition in support of measurement, and verification, tracking and reporting, including development of key performance indicators and dashboards to enable tracking and reporting of program successes.

Our experience

DEVELOPED ENERGY EFFICIENCY AND RENEWABLE ENERGY ROADMAP FOR LUXURY GOODS CLIENT

WSP developed an energy roadmap, including opportunities for energy efficiency and renewable energy in operations and supply chain, through stakeholder engagement and portfolio analytics.

DELIVERED GLOBAL ENERGY OPPORTUNITY ASSESSMENT FOR INSURANCE CLIENT

WSP completed energy opportunity assessments for facilities across Europe, South America, Middle East, India and Asia. Local teams produced energy audit reports for each of the sites and provided a portfolio investment roadmap yielding 30 percent reduction in energy consumption with a return on investment of less than five years.

FACILITATED ON-SITE SOLAR ENERGY PROCUREMENT FOR APPAREL AND FOOTWEAR CLIENT

As part of a comprehensive energy strategy engagement, WSP completed an analysis that identified and prioritized the global facilities best suited for installation and commissioning of on-site solar energy systems. The sites selected optimized both the financial returns, energy performance and environmental impact of the proposed solar energy system.

COORDINATED FUNDING PROCESS FOR ENERGY EFFICIENCY AND RENEWABLE ENERGY FOR TECHNOLOGY CLIENT

Our team developed and managed internal funding mechanisms to support energy efficiency and renewable energy investments.

PROVIDED TECHNICAL AND FINANCIAL GUIDANCE ON POWER PURCHASE AGREEMENT FOR TECHNOLOGY CLIENT

WSP provided technical and financial advisory services resulting in the client contracting with us for a long-term power purchase agreement that satisfied financial objectives, while creating regional construction jobs and GHG emissions reductions.

WSP's energy strategy expertise addresses challenges across the evolving sustainability landscape. We provide technical and financial capabilities complimenting an integrated approach to organizational sustainability. We guide clients through the role that energy and cost management contributes to sustainability programs, greenhouse gas (GHG) management, supply chain engagement and climate resiliency.



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