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# Sustainable Energy Strategy

Integrated Energy and Sustainability Planning: The Path to Strategic Goal Setting, Budget Protection, Performance, and Savings

Sustainable energy planning and consumption is the corner stone of successful corporate strategies. Leverage Siemens' global expertise.

Energy affects nearly every aspect of a company's operations. Energy prices are market driven and volatile. A forecasted rising market is in conflict with most long-range performance goals. Further, sustainability continues to rise in priority. Often, energy supply, use, and sustainability are managed by different departments, despite being inextricably linked. This poses tremendous challenges for planning, goal setting, budgeting, prioritization and decision-making.

Siemens understands these challenges. In response, we have designed an efficient and highly integrated approach to energy and sustainability planning. Our Sustainable Energy Strategy integrates energy procurement, use, and emissions performance with market exposure and opportunity to provide a clear condition assessment and path forward. This customizable strategy provides clarity and confidence toward effective planning, goal setting, and action.

Answers for infrastructure.



### Market Exposure

Cost budgets exposed to energy markets typically have significant inherent risk, often under-appreciated by the customer. Siemens assesses this market risk against customer budget goals and confidence levels, while examining both supply-side and demand-side management actions available to derive savings and provide budget certainty.

### Savings Potential

Once energy supply management improvements have been accounted for, energy use and sustainability improvement measures can be aligned against capital availability and hurdle rate metrics to define actions toward achieving aggregate budget and emission performance levels. We use a variety of tools and techniques to apply this approach to meet specific customer needs and at appropriate levels of planning rigor, from high level strategies to detailed implementation planning.

### Our Expertise

Our Sustainable Energy Strategy solution can be performed at a variety of levels, to meet customer budget, timing, and confidence requirements. We leverage available customer information using our leading energy management systems, databases and decades of experience. The resulting strategy provides clear direction and confidence to support decisive action and performance improvement, based on:

- Quantifying portfolio risk associated with energy market volatility
- Setting achievable goals and associated actions
- Defining energy budget and associated confidence levels
- Energy supply management tactics
- Energy use reduction opportunity and potential
- Portfolio view of energy and greenhouse gas (GHG) reduction opportunities relative to capital budgets and financial metrics

### Highlights

- Conduct energy market and risk analysis
- Develop sustainable goals and budgets
- Identify opportunities and actionable implementation plans
- Improve performance
- Implement your strategy