



Strategy and Planning

Strategic Planning Advisory Service to Help Clients Navigate The Energy Transition

Evolving market dynamics are driving the value of an integrated analytical framework to support long-term planning and develop strategic priorities for business decisions. Black & Veatch Global Advisory offers executable strategic advisory solutions to help clients address large infrastructure investments required by making the business case for when, where, and how to proceed – both internally and with regulators.

Strategic Solutions Rooted in Our Engineering Expertise: We apply engineering to strategy, with the unique ability to develop and execute the solutions that align with new or emerging strategies.

Comprehensive Expertise & Experience: Our experience across all stages of the infrastructure lifecycle allows us to immediately add value at any point in a client or program's making processes.

Sophisticated and Integrated Analytical Framework: Our services begin with our Energy Market Perspective (EMP) – a comprehensive projection of North America energy markets. The EMP projections are generated using forecasting tools customized to include renewable energy, storage technology, costs, environmental policy, electric vehicles, and fuel demand and supply.

Decarbonization Roadmap Example

Vision To Lower Carbon Footprint



Long-Term Planning



Roadmap



Implementation Strategy



Regulatory Recovery



“

This is an excellent piece of work. You took a very difficult question we asked, refined it and your analysis gave us great insight into how to handle this component of our resource plan. We'd like you to continue to do this for us on a regular basis going forward...”

– Western utility client on recent market analysis

Services

Utility and End-User Electric Vehicle Strategy and Solutions

Our consultants advise clients in developing approaches for fleet electrification. We assist in developing executable roadmaps and go-to-market strategies and help clients carry out those electrification strategies through business case development, outreach, and business plans. Our solutions support utilities in designing infrastructure programs, EV programs and rate structures as well as regulatory and rate case justification.

Distributed Energy Resource (DER) Integration

We provide executable strategies and roadmaps to successfully integrate DER and prepare to take on a role in the emerging Distributed System Operator (DSO) ecosystem. We assess DER readiness across forecasting, distribution planning, procurement, customer programs, and distribution grid operations. We outline various market roles and models to determine utility roles in the new DSO ecosystem.

Integrated Resource Planning

We approach integrated resource planning by understanding and evaluating the client priorities and strategic objectives and evaluate the range of available resources, emerging technologies, and existing client resources and constraints. We utilize state-of-the-art market simulation tools that identify optimal long-term resource expansion plans while minimizing costs, meeting system reliability standards, and carbon reduction goals.

Power Procurement

Our experts support clients on the procurement of renewable and flexible resources to satisfy action plans driven from an IRP or corporate energy procurement goals. We prepare solicitation plans, product specifications, requests for proposal documents, and online bidding platforms. We utilize sophisticated data analysis and selection tools to ensure the procurement is aligned, open, flexible, well documented and results in successful contracting.

Hydrogen Strategies

Hydrogen is currently being explored as an alternative to natural gas with the same energy and reliability characteristics with a low carbon footprint for utilities, developers, and investors. We support clients understand the market potential, cost range, and commercial strategies for integrating hydrogen.

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