Market Driver

The solar photovoltaic (PV) market continues to grow at a tremendous rate. As traditional markets become saturated, developers are beginning to investigate projects in new geographies defined by favorable policies and increased environmental regulations. With new markets come uncertainty. Project developers can minimize their risk with a thorough feasibility study that considers factors like solar resources, interconnection and environmental constraints.

Solution

Black & Veatch has been providing project developers support on the front-end of their projects for decades. With more than 8 GW of support developing projects and 10 GW of project due diligence and independent engineering, our experience is broad and deep.

Our clients rely on us for well-informed, unbiased opinions on the factors that will make or break their project. In short, projects are more successful when Black & Veatch is involved throughout the project lifecycle. Our clients have the confidence that they can move forward with the capital-intensive stages of their projects having mitigated the risk of underperforming or stranded assets.

Benefits

- Confidence in the suitability of the selected site and early detection of complexities to mitigate
- Reduced underproduction risk informed by thorough production and solar resource analyses
- A thorough knowledge of equipment and the associated lead times allows clients to make an informed decisions
- Comprehensive cost and production inputs into clients project financial pro formas
- Assurance that your project’s design will meet all local requirements, avoiding costly delays and potential fees
- Identification of prudent design decisions when the cost of change is still low

For more information please contact:

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Typical Deliverables

- Site Suitability and Fatal Flaw Assessment
- Interconnection Analysis
- Conceptual Design Basis and Technology Selection
- Production Estimate
- Environmental Constraints Analysis
- Permitting Review/Assessment
- Budgetary EPC Capital Cost and O&M Estimates
- Preliminary Project Schedule

Experience

- Provided Owner’s Engineer and technical consulting for more than 8 GW of solar photovoltaics projects
- Bankability studies for more than 25 pieces of equipment and Independent Engineer and production estimation services for more than 10 GW contribute to the insights we provide on project finance
- Provided solar photovoltaic services in over thirty U.S. states and internationally in over fifty countries.
- Development of multiple tools used to evaluate feasibility including analysis of equipment configurations and design parameters and batch PVsyst capabilities

Typical Price and Schedule

- Representative Price Range: $30K - $60K
- Typical Schedule: 5 – 10 Weeks
BUILDING A WORLD OF DIFFERENCE®

Black & Veatch is an employee-owned, global leader in building Critical Human Infrastructure™ in Energy, Water, Telecommunications and Government Services. Since 1915, we have helped our clients improve the lives of people in over 100 countries through consulting, engineering, construction, operations and program management. Our revenues in 2014 were US $3 billion. Follow us on www.bv.com and in social media.

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