



Clark Energy Group LLC
ESCO Qualification Sheet
DOE Super ESPC

www.ClarkEnergyGroup.com

Introduction to Clark Energy Group

Clark Energy Group offers comprehensive, turn-key energy and water solutions with a focus on renewable energy and building efficiency. We partner with public and private clients to deliver projects that enhance energy security, protect the environment, and save our customers money. Our \$5 billion Super ESPC contract with the U.S. Department of Energy allows us to contract with any federal agency for energy-related projects. On the private side, we work on a wide variety of institutional facilities such as data centers, laboratories, multi-family housing, campuses, and high-performance office buildings. Clark's long history of success on complex projects allow us to draw on experience installing or retrofitting a building with almost any type of mechanical, electrical, or other building system upgrade.

Solving Your Energy Needs

Our energy solutions start with a complete audit to identify potential energy savings on existing buildings or new construction projects. We then design, engineer, and implement these solutions at little or no cost to our clients by using the energy savings generated to pay for the cost of the improvements.

Through energy efficiency upgrades and renewable energy development, we aim to lower energy bills, reduce carbon footprints, improve energy security, garner additional points on the Leadership in Energy and Environmental Design (LEED) scorecard, and assist in compliance with federal and state energy and water reduction mandates for our clients.

Pioneering Sustainability Principles

Clark Energy Group is committed to the fundamental principles of the green movement – environmental responsibility, energy efficiency, and renewable materials and energy – and will focus on these principles from project start through completion and ongoing operations. Green building rating systems such as the LEED program are playing an increasing role in new construction and building retrofits for both private and public facilities. In order to keep up with customer demand and legislative mandates, LEED certification should be a strong consideration for all building projects.

Clark has considerable experience with the LEED rating system and, as members of the U.S. Green Building Council (USGBC), maintains the personnel and training necessary to stay current with any LEED system upgrades. With over 325 LEED Accredited Professionals on staff, the Clark team has the expertise to manage any LEED process.

Renewable Energy Development

The Clark team has a strong record of successfully delivering renewable energy solutions for a wide array of applications. We take a comprehensive approach to renewable energy projects, identifying all potential applications of a given technology and determining the best solution for each development opportunity.

For opportunities involving open land area and strong renewable resources, the Clark team will evaluate industrial-scale energy generation from potential solar, wind, and geothermal resources. We partner with qualified renewable energy development specialists to deliver creative solutions using proven technologies.

For smaller building-integrated renewable projects, Clark can offset a significant portion of a facility's energy needs through distributed renewable energy generation, including rooftop solar PV panels, solar hot water, ground-source heat pumps, biomass boilers, and small-scale wind turbines. These measures can be implemented in conjunction with other energy upgrades to create whole-building energy solutions.

The Clark Team: Best-in-Class Partners

[Arup](#), a world class design and engineering firm

The [EnergySolve Companies](#), an service company with special expertise in measurement and verification, commissioning, and advanced metering systems

[Princeton Energy Systems](#), an energy and sustainability consulting firm with deep expertise in renewable energy and cogeneration

[SunEdison](#), North America's largest solar services provider and leader in developing, financing, operating and monitoring solar power plants with over 67 MW complete

Clark Energy Group ESPC Approach

Clark Energy Group is a different type of ESCO. We bring a holistic approach to ESPC work that focuses on renewable energy generation and energy conservation measures beyond the typical "low-hanging fruit." Our general contracting background and expertise in high-performance construction enable us to implement comprehensive suites of ECMs that result in greater energy savings and quicker achievement of federal mandates. This same expertise also allows us to drive down costs and complete projects on time and within budget. We employ a technology-neutral approach in order to procure best-of-breed technology and best pricing, ensuring that federal agencies will receive only the most appropriate and effective technologies for their facilities.

Clark partners with federal agencies to improve energy efficiency as well as to enhance energy security. We find creative solutions to both demand- and supply-side energy challenges and address energy security by reducing reliance on the grid through energy efficiency, load shifting, and on-site generation, such as solar power, cogeneration, and mini-wind, among others. Clark recognizes the importance of addressing energy security vulnerabilities at federal installations. We build energy security strategies into all stages of potential projects so that solutions addressing these vulnerabilities are identified and can be included in our ESPC projects.

Clark Team Experience

The Clark team has more than 325 LEED Accredited Professionals with extensive experience in high-performance construction, energy efficiency, and renewable energy projects across the country. The team and its principals bring the following track record of success:

- Project services on over \$1.1 billion in ESPC work
- Private financing of over \$4.5 billion of federal projects that included energy components
- Development and construction of over 6,800 Energy Star-certified or compliant buildings
- Experience implementing energy conservation measures across **all** eligible technology categories for the Super ESPC program
- Annual construction revenues of over \$4.5 billion
- Operation of more than 50 power plants and district energy systems
- Over 800 MW of cogeneration using a full range of conventional fuels as well as biogas and biomass
- Development and construction of over a dozen high-performance data centers

Clark is currently working with the Army and Acciona Solar Power to develop the largest solar power project in Department of Defense history at Fort Irwin, CA. The project will utilize a phased, multi-technology (photovoltaic and concentrating solar thermal) approach to deliver up to 1,000 MW of solar power while transforming Fort Irwin's overall energy security.

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