



SOLAR

POWER, ENERGY, RENEWABLES, & INFRASTRUCTURE



Advisory, resource consulting, and independent engineering services in support of development, financing, M&A, construction, and operation

EXPERIENCE

Luminate is a leading firm in solar resource consulting and independent engineering services in support of the development, financing, construction, M&A, and operations of solar power generation. Our team is led by authorities in solar energy research, development, resource and energy projections, and power project finance. We provide the full complement of solar resource consulting and independent engineering services in-house, providing for seamlessly integrated work product. We are experienced with all the latest technologies such as PERC, thin-film, ultra large, TOPCon, bifacial modules, and energy storage, employed in solar power. Our experience is extensive and includes hundreds of utility-scale & distributed solar projects and portfolios, ranging from rooftop / C&I installations to the world’s largest utility-scale projects.

REPRESENTATIVE PROJECTS

Project	Client
700-MW Orion Project Portfolio	SB Energy
 Renewables Deal Award 2023	
240-MW Eiffel Solar Project	SB Energy
150-MW Solar and 137-MW / 686-MWh Storage Fifth Standard Project	RWE
65-MW Albedo III Solar Portfolio	Irradiant Partners
213-MW Solar and 40-MW / 80-MWh Storage Cool Springs Project	NextEra / JP Morgan
239-MW Assembly Solar Portfolio	D.E. Shaw
261-MW DG Solar Portfolio	NextEra
300-MW Ventress and 95-MW Happy (Crawfish) Solar Portfolio	Lightsource BP
345-MW Solar and 390-MW / 1,350 MWh Storage Edward-Sanborn Project	Terra-Gen
16-MW Oregon CSG Solar Portfolio	HEP Energy
Eland 1, 310-MW Solar 150-MW / 600-MWh Storage and Eland 2, 310-MW Solar and 150-MW / 600-MWh Storage	Capital Dynamics (Arevon) / 8minute
206-MW AZ-1, GA-3, FL-4 Solar Portfolio	Origis Energy
338-MW Solar and 119-MWh Storage DG Portfolio	Nexamp
62-MW Iris 3/4 Solar Portfolio	Soltage
23-MW Butter Solar Portfolio	BluEarth Renewables

Project	Client
287-MW Georgia 3-Pack Projects	Silicon Ranch
105-MW Tennessee 2-Pack Solar Projects	Silicon Ranch
51-MW Lotus Solar Farm	8minute Energy
200-MW Twiggs Solar Project	Origis Energy
160-MW Rancho Seco II Solar Project	D.E. Shaw
100-MW Solar with 30-MW / 60-MWh Storage Wilmot Project	NextEra
35-MW C&I Portfolio	Ameresco
300-MW Solar and 150-MW / 600-MWh Storage Arroyo Project	D.E. Shaw
163-MW High Noon Solar Portfolio	Duke Energy
110-MW CA-3 Portfolio	ConEd / Lender synd
285-MW Emerald State Portfolio	Duke / MUFGB, Mizuho, SMBC
175-MW Astoria 1 and 2	Recurrent / GE EFS
NRG C&I Warehouse Revolver	NRG / Deutsche Bank
1,200-MW Recurrent Portfolio	RET Capital
60-MW Northland Solar 1 Portfolio	Scotia / CIBC
300-MW NC Portfolio	Duke Energy
19-MW CSG (MN) Portfolio	New Energy Equity / Xcel Energy
40-MW St. Clair Solar	NextEra / RBC
550-MW First Solar Topaz	First Solar / RBS
550-MW FS Desert Sunlight	DOE / NextEra
170-MW Sempra Mesquite	Sempra / DOE
250-MW Abengoa Solana CSP	Abengoa / DOE

PROFILE

Luminate is a technically-based management consultancy providing technical, commercial and environmental advisory services and solutions to the power, energy and renewables markets. Drawing from an independent engineering experience base among the deepest in the industry, Luminate has provided advisory services and served as IE on countless thermal and renewable power and energy projects.

CONTACT INFORMATION

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