



Minimize Environmental Impact.

Reduce Costs.

Increase Returns.

Company: KiloNewton, LLC
Founded: 2017
Founder: John Williamson
Our Team: Matthew Gagne, Krishna Simma, Garrett Heyden, Niloo Shams, Jim McBurney
Our Mission: *To provide our customers analytical tools & services to increase their competitiveness*

KiloNewton's SolarSpace™ utility-scale site analytics algorithms & software enables landowners, solar developers & EPCs to efficiently evaluate terrain, calculate total DC capacity, estimate civil and structural costs, and manage and reduce development costs by accelerating site & technology optimization.

Problem: Available solar sites are increasingly located on challenging terrain—however, there are no available tools to easily adapt & optimize system design to geography

Solution: A GIS-based solution using proprietary algorithms developed specifically for the solar industry to analyze terrain and geographic variables.

SolarSpace™

A Terrain-Based Geospatial Solution

Site Prospecting

Site Design & Optimization



- Inputs:**
- Site boundaries & topographical information
 - Hydrological considerations (e.g., wetlands)
 - Building considerations (e.g., transmission)
- Outputs:**
- Plane of array analyses and grading assessments
 - Terrain loss & LCOE analyses
 - Optimized preliminary site layout designs



- Inputs:**
- Optimized preliminary site designs or CAD
 - Site boundaries & topographical information
 - Hydrological & building considerations
- Outputs:**
- Optimized 3D planes of array design
 - Grading plan & foundation structural design
 - Production & loss analyses

Our JEDI Mission: *To empower Indian Tribes, Nations & Pueblos to develop & own their renewable energy resources*