



SolarSpace™ Toolbox

REVOLUTIONIZING SOLAR SITE DESIGN & CONSTRUCTION

COMPANY: KILONEWTON, LLC
FOUNDED: 2017
FOUNDER: JOHN WILLIAMSON
FORMER CHIEF ENG/ARRAY TECHNOLOGIES
OUR TEAM: JIM MCBURNEY, MATTHEW GAGNE, KRISHNA SIMMA, GARRETT HEYDEN, ZANE NORDQUIST, NILOO SHAMS
OUR MISSION: TO LOWER THE COST OF RENEWABLE ENERGY

KILONEWTON'S SOLARSPACE™ TOOLBOX

USES GIS/TERRAIN & OTHER DATA TO SOLVE THE COMPLEX CIVIL & STRUCTURAL SITE OPTIMIZATION PROBLEM BY TAKING ADVANTAGE OF DEVELOPMENTS TECHNOLOGY & ANALYTICS AND COMPUTATIONAL POWER TO PROVIDE OPTIMIZATION SOLUTIONS THAT ARE NOT AVAILABLE IN THE MARKET

REDUCE GRADING

OPTIMIZE COSTS

REDUCE ENVIRONMENTAL IMPACT

PROBLEM: **BAD GRADING:** SOLAR DEVELOPERS/EPCS AREN'T OPTIMIZING CIVIL/GRADING DESIGNS

THE COST? –UP TO 4¢/WDC

OR

UP TO \$2.2 BILLION/YEAR IN THE U.S. ALONE

SOLUTION: **SOLARSPACE™ TOOLBOX:**

MINIMIZES **GRADING & STEEL**

&

OPTIMIZES **ENERGY PRODUCTION**

SOLARSPACE™ TOOLBOX SIMULTANEOUSLY:

- OPTIMIZES — **PLANES OF ARRAY**
- ANALYZES — **SLOPES AND MECHANICAL TOLERANCES**
- ELIMINATES — **INTER-ROW SHADING**
- MINIMIZES — **GRADING**
- MINIMIZES — **STEEL**
- ANALYZES — **TERRAIN LOSSES**

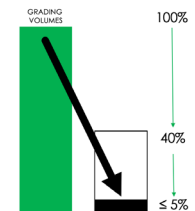
SOLARSPACE™ TOOLBOX:

REDUCES GRADING

60-95+%

AVOIDS PRODUCTION LOSSES OF

5-15%



JEDI MISSION: EMPOWER INDIAN TRIBES, NATIONS & PUEBLOS TO DEVELOP/OWN THEIR SOLAR RESOURCES, HIRE AND TRAIN TEAM BASED ON CORE COMPANY VALUES OF EMBODYING THE DIVERSITY OF OUR WORLD