Changing the Game
Solar Trackers and Racking

GameChange Utility Scale Genius Tracker™ in Northwest USA
We are changing the world by making solar affordable. Our contribution is reducing tracker and racking prices so that more solar projects will be financed and built.

This is Bigger than Us, This is for Our Grandchildren to Inherit A Renewable Planet.
GameChange Solar has industry leading quality and the backing of Barron Group Holdings, giving us a world class level of bankability to give you the peace of mind you need.

“My roots as an investment fund manager have helped me understand what solar investors require: total system cost reduction while meeting the demands for bankability.”

- GameChange Solar CEO, Andrew Worden, SolarPro April 2014

- Financial Strength: backed by Barron Group Holdings with group assets over $300,000,000
- Independent assessment by industry leader Black & Veatch
- Strict adherence to required engineering standards
- Superior strength metals meets all code requirements
- All systems wind tunnel tested by industry leader CPP
- 2703 and 467 ETL/UL tested
- 20 year warranty

Over 2 GW Sold

GameChange Solar works with IPP’s, Private Equity Firms, utilities and other entities looking to invest in and own projects. We introduce them to developers, EPCs and others who are looking to build projects. This enables more projects to be financed and built, furthering our mission to repower the planet with cleaner energy.

GameChange Solar’s Capital Intro™ program currently has over $3 billion in available capital. The program is primarily in concert with seven leading funding sources, two of which are large utility backed power generation companies and the other five of which are leading IPPs.

Please reach out to your business development representative at GameChange for more information on this program.
Free on site field training and site supervision services

Delivery time:
- 2 - 4 wks. roof system
- 5 - 7 wks. ground systems

Responsiveness:
- 1 - 2 days for quotes
- 2 - 8 days for layouts

In-house logistics

With over 10 years of experience, our in-house logistics team will work with our clients to create an optimal transportation plan based on site requirements. Our dedicated specialists have the knowledge, insight and understanding of the unique requirements of the solar and construction industries.

At HBC, quality and install speed are critical to the success of our business. GameChange has been able to deliver a solid product on time and installation has been simple and efficient.

Jack Horne
Horne Brothers
Nationwide Installation Leader
Over 500MW Installed in 2015
We challenge ourselves every day to drive value to our customer through superior technology and pricing. We also provide same day response and real time problem solving at all levels. Our customer is always our top priority.

In-house structural, mechanical and electrical engineers

We challenge ourselves every day to drive value to our customer through superior technology and pricing. We also provide same day response and real time problem solving at all levels. Our customer is always our top priority.
One Stop Solution

We bring our customers complete solutions starting from system design and layout through manufacturing, delivery, geotech, pull testing, turnkey installation, and on-site training and support.

• Design

Our highly qualified engineering team creates an optimum design to provide you the most durable solar racking and tracker systems along with flexibility and compatibility to work with any type of modules.

• Construction Drawings

We have in-house designers and engineers to provide you with stamped and sealed drawings for roof, fixed tilt ground, and tracker systems.
**Geotech**

We coordinate geotechnical services and analyze reports to determine the most reliable and cost-effective foundation solutions for commercial and utility scale solar projects.

**Pull Test**

We provide pull test services for optimized system design.

**Turnkey Installation**

We recognize the importance of meeting project deadlines in solar installations and that is why we take single point of responsibility for the entire project starting from the initial design to complete installation of foundations, racking or trackers, and solar modules, as well as commissioning of tracker systems.
GameChange Solar Genius Tracker™

MORE POWER OUTPUT AND HIGHER ROE

With GameChange, modules pack onto shorter rows and use less space than leading competitors. The extra space is used to widen rows. Increased row spacing gives higher kWh output and higher ROE.

Energy Production: 4,525 MWh/yr
System Size = 2.545 MW DC

Energy Production: 4,320 MWh/yr
System Size = 2.545 MW DC

5% MORE ENERGY PRODUCTION THAN TRACKER COMPETITORS
20% HIGHER LEVERAGED ROE

GameChange Solar Genius Tracker™

25ft Row Spacing

(7.62 m)

Energy Production: 4,525 MWh/yr
System Size = 2.545 MW DC

Competitor Central Drive Tracker

14ft Row Spacing

(4.27 m)

Energy Production: 4,320 MWh/yr
System Size = 2.545 MW DC

PRE-ASSEMBLED DRIVE SYSTEM

act as lateral capture devices, preventing row tube movement due to seismic, wind and slope related loads

SADDLE BRACKET

allows auto-alignment with tube

ACTUATOR

rugged design for 30 year field life in harsh environmental climate: -30/+65C rated IP67 submersible motor end/ IP66 rated

DRIVE POST

available as either GameChange 8”[20.32cm] wide SuperPile™ or Wide Flange

SELF-LUBRICATING DRIVE BEARING

24V battery charged by small solar module or 110/220V (single phase)
or 380v-480v (three phase) AC line power drives 24V actuator motor
ZigBee wireless or wireline communication

System Installation Samples
28 MW - GA
28 MW - ID
24 MW - GA - Group of 14 Systems
23 MW - OK - Group of 5 Systems
20 MW - SC - Group of 3 Systems
14 MW - TX
10 MW - NM
10 MW - CA - Group of 5 Systems
4 MW - NC
4 MW - NJ
3 MW - NC
1 MW - MN
System Installation Samples
138 MW - MN - Group of Systems
98 MW - MD
85 MW - NC - Group of 8 Systems
74 MW - NC
43 MW - NC - Group of 7 Systems
41MW - NC - Group of 6 Systems
39 MW - NC - Group of 6 Systems
32 MW - NC
32 MW - CT
25 MW - NY
13 MW - SC
12 MW - NJ
11 MW - NJ
7 MW - NC
6 MW - MA

**FAST INSTALL & HANDLE SLOPING GROUND**

Industry's longest spans and fewest foundations: as few as 190 per MW
Articulating purlin connections to navigate up to 15% terrain slopes
Galvanized Z purlins have integrated trays for easy wire management

**MaxSpan™ FastBuild**
Three axes of adjustability demanded by installers for navigating real world site conditions where significant adjustability in the field is required

**MaxSpan™ Wide Flange**

Telescoping post bracket with up to 5" [12.7cm] vertical adjustment for fast top of pile leveling

**Superior Terrain Navigation Adjustability**
Articulating purlins between tables enable installation on sites with complex slope issues which, when combined with post and post bracket, the adjustment handles up to 15% east-west terrain slopes and undulations
Pour-In-Place™
Industry’s Fastest Installing Ballasted Ground System
With Self-leveling Technology

68% FASTER THAN PRECAST
MINIMAL IMPACT ON DRAINAGE

Concrete Installation Methods
1. Utilizing concrete trucks to pour directly into tubs: 20 men estimated install rate 1.49 MW per week
2. Bobcats with pouring buckets allow fast concrete installation on weight sensitive landfill caps: 20 men estimated install rate 1.31 MW per week
3. Standard pump truck enables even faster concrete installation: 20 men estimated install rate 1.64 MW per week

Precast Option Available
1. Integrated grounding and wire management
2. Up to 8” (20.32cm) total vertical adjustability using post extender option including use of integrated slots

LANDFILL AND BROWNFIELD LEADER
Self leveling technology with adjustable feet and slots allow fast install and more than 7” (17.78cm) vertical adjustability to navigate sloping ground prior to concrete pouring round tub racking allows any drainage to have little to no impact.

The project uses a GameChange Solar round tub racking, which allows any drainage to have little to no impact…

Patent pending articulating purlin connection to navigate sloping terrain

System Installation Samples
13 MW - NJ - Largest Superfund Solar System in the USA
7 MW - FL - Brownfield
7 MW - MA - Group of 3 Systems
7 MW - Cayman Islands
6 MW - MA
4 MW - MA
4 MW - CT
3 MW - NJ
3 MW - CA
3 MW - NY
2 MW - MA
2 MW - NJ
17 MW - MA - Precast
System Installation Samples

4 MW - NJ Group of 12 systems
2 MW - NY
2 MW - MA
2 MW - MD
2 MW - CT
2 MW - DE
1 MW - NY
1 MW - MA
1 MW - MA
1 MW - RI
1 MW - NV
1 MW - CA

MINIMAL BALLAST AND FAST INSTALL

Integrated wire management trays enable string wiring throughout entire array prior to panelizing. First ballasted roof system to obtain stringent DSA approval for the California market. Snap-on EPDM blocks available in place of slip sheets.

GameChange’s Grid-Lite™ system gives us an ultra-low weight ballasted system that is cost effective and optimal for the large scale systems that we install.

John Towle
SVP Operations, Safari Energy
Nationwide EPC
Over 150MW Installed

Interlocking grid design combined with next-gen wind deflector reduces ballast to minimal amount
We Offer Every System For Your Every Need

**GameChange Solar**
Repowering The Planet

**We Offer Every System For Your Every Need**

**GENIUS TRACKER™**
World’s Highest Power Producing Tracker

POUR-IN-PLACE™
BALLASTED GROUND SYSTEM
Fastest Installing System with Self-Leveling Technology

PRECAST
BALLASTED GROUND SYSTEM
Fast Installing Solar Mounting System for Landfill Sites

GRID-LITE™
ROOF SYSTEM
Cost Effective Ultra-Low Weight Ballasted Roof System

STANDING SEAM
ROOF SYSTEM
Fast Installing, Cost Effective, Ballast Free, Complete Solution for Metal Roofs

**MAXSPAN™ PILE DRIVEN SYSTEMS**
Best Quality And Priced Pile Driven Fixed Tilt Systems

**In-House Logistics**
for On Time Deliveries

**TOGETHER LET’S REPOWER THE PLANET.**

**Bankable Quality Value Pricing**
Over 2 GW Sold

GameChange Solar is driven by its mission to repower the planet with clean solar energy. We do our part by driving fixed tilt racking and tracker equipment costs lower. With over 2GW sold, GameChange systems combine fast install, bankable quality and unbeatable value through superior engineering, innovative design and high volume manufacturing.

2.004000+
GIGAWATTS
ON GAMECHANGE SOLAR SYSTEMS

6,443,159+
SOLAR MODULES
ON GAMECHANGE SOLAR SYSTEMS

39,140,020+
TONS OF CO2
OFFSET OVER 25YRS BY MODULES ON GAMECHANGE SOLAR SYSTEMS

4,425,511,426+
GALLONS OF OIL
OFFSET OVER 25YRS BY MODULES ON GAMECHANGE SOLAR SYSTEMS

**Best in Class Customer Service**

**Superior Engineering**
in Structural, Civil, Mechanical, & Electrical

**In-House Logistics**
for On Time Deliveries

**One Stop Solution for Geotech, Pull test & Turnkey Services**

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