

COMPANY OVERVIEW

Scaling renewable energy with cutting-edge, bankable solutions



GTM Research, 2017, 2016; IHS Markit; Bloomberg New Energy Finance Global Tracker Report, Sept.'17



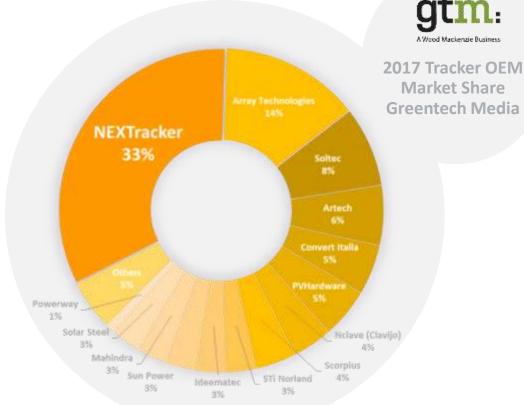
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Award-winning solar trackers sold to date



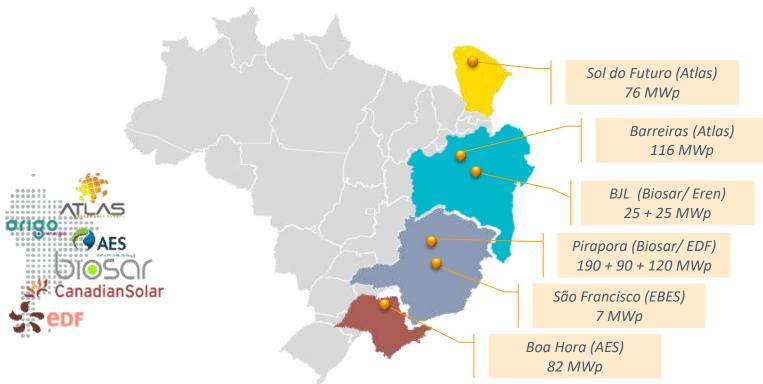
Weekly tracker manufacturing capacity



BRAZILIAN PROJECTS



Award-winning solar trackers sold to date



3 NEXTracker. A Flex Company Proprietary and Confidential © 2018

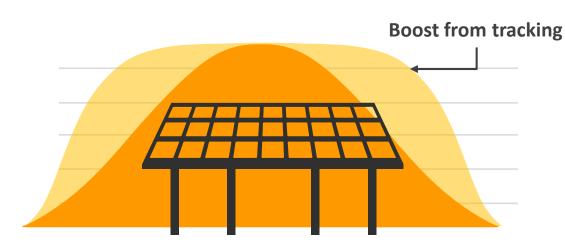




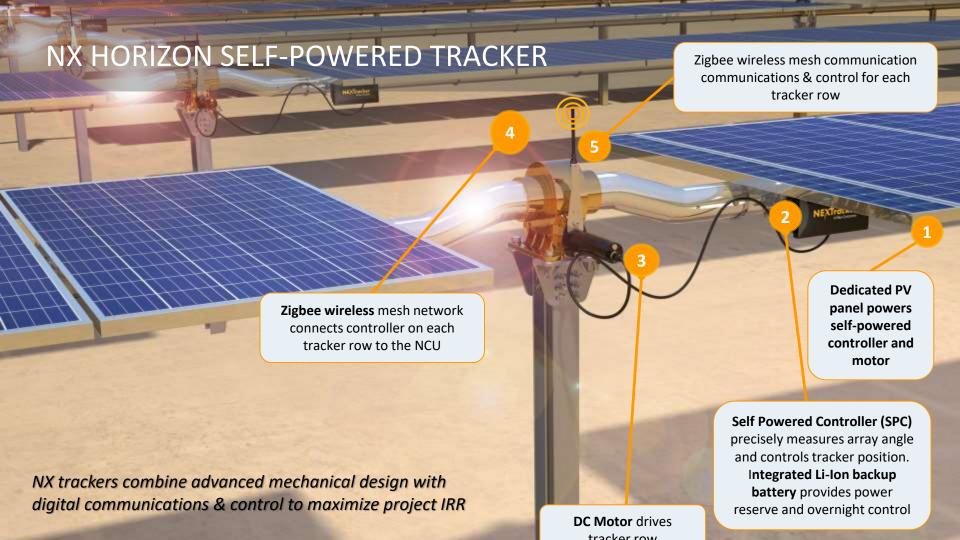
TRACKERS VS. FIXED

- 20% to 30% more energy yield than fixed in sunny locations; and 5-10% more cost
- Tracker cost decreased over 75% in last 20 years (1995 – 2015)
- Yields more revenue/kWh

Tracker Compared to Fixed Mount



Daily Power Production



NX TRACKER (FINAME)

Optimized for Site

The Tracker Design for each site is optimized for performance in the specific site condition.

- Winds ≥120mph (47 m/s) require extra pre-cautions
 - Switch to 13 Pier Design
 - Long Rails may be required
 - Torque Tube and Pier require increased steel strength (ksi) values
 - Custom Stow Algorithms may be required





- Historical weather data for the site is reviewed during the proposal stage
 - Cold weather package needed if average temperate below 0°C / 32 °F
 - IF min temperature is below -30 °C / -22 °F the site is too cold for the Self Powered Tracker. (SPT)

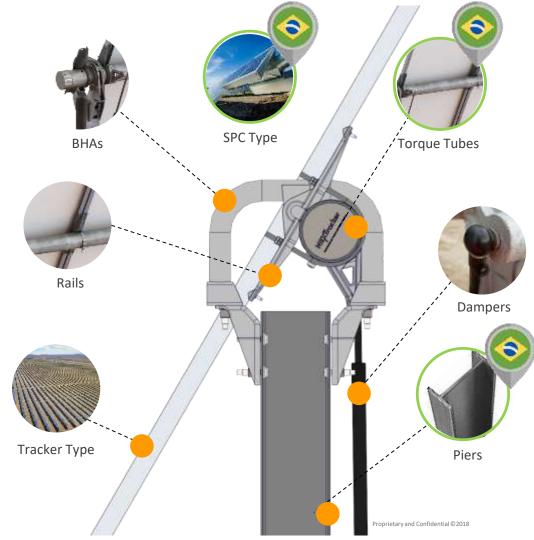




- String size is reduced +Tracker Rows are decreased in length
- Low Temperatures require 60W SPC dedicated module, hard-wired SPC possibly required.
- Snow > 20 PSF require us to stow at 60° = Increased Torque Strength & Pier Loads

Topographical surveys are taken to optimize the overall site design around existing wetlands or flood zones.







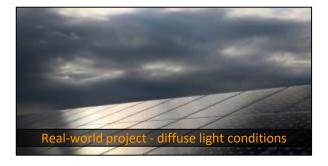
TRUE CAPTURE™, UP TO 6% MORE KWh

REAL WORLD CONDITIONS CAN LIMIT PRODUCTION

- Row-to-Row Height Variances
 - "The World is Not Flat"
 - Terrain undulations
 - As-Built construction variances
 - Nearby geographic features

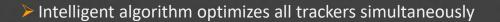


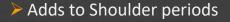
- Diffuse Irradiance
 - Overcast/ clouds
 - Fog
 - Heavy haze or pollution



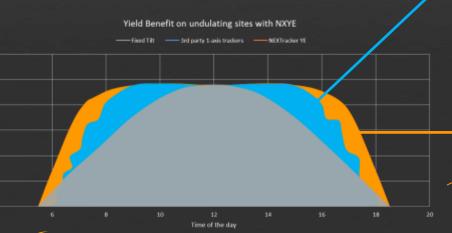


TRUE CAPTURE™ ROW-TO-ROW TRACKING









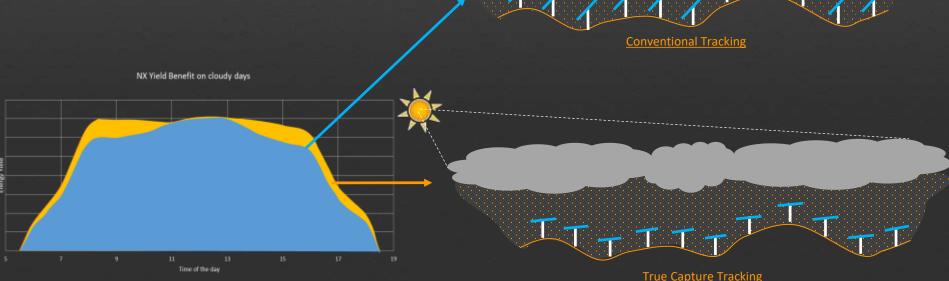
TrueCapture eliminates shading losses

TRUE CAPTURE™: DIFFUSE LIGHT TRACKING

Optimizes between Direct (DNI) and Diffuse (DHI) to maximize kwh

Increases PV panel view angle when cloudy

> Annual energy yield increases by 0.5% to 2%



NEXTracker A Flex Company

TrueCapture™ in action



NX HORIZON™

Operations & Maintenance

Maintenance Items Required



- ✓ Maintain any vegetation growth over 12" in height.
- Note: Vegetation management and cleaning is not tracker-specific and will vary depending on time of year, environment, and geographical factors at the site.
- ✓ Remove dust, dirt, debris etc. that affects solar modules' glass transparency.
- ✓ Update firmware if needed Remotely by Nextracker



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THANK YOU

