

Powell Creek Solar

Amendment Exhibit C

Tracker Equipment Specifications

Case No. 22-0915-EL-BGA

AXONE

Efficiency Synchronized



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AXONE

STRUCTURAL & MECHANICAL SPECIFICATIONS

Tracker	Horizontal single-axis with central driveline architecture in dual row
Rotational range	+/-60°
Motor	DC Motor
Motors per MWp (390 Wp modules)	Approx. 14.25
Ground coverage ratio	30-50%, depending on configuration
Modules supported	All market available modules, including thin film
Slope tolerances	N-S: up to 14%, E-W: unlimited
Module configuration	1 module in portrait
Module attachment	Direct mount to panel rail (configurable for clamps)
Structural materials	Magnelis / Hot-dipped galvanized steel per ASTM A123 or ISO 1461
Allowable wind load	Tailored to site specific conditions up to 120 mph/193 kph
Grounding system	Self-grounded via serrated fixation hardware
Storm alarm for high winds	Yes, stow position in up to 5 minutes
Wind speed sensors	Ultrasonic anemometer
Solar tracking method	Astronomical algorithm with GPS input
Controller Electronics	Central control unit manages up to 200 trackers through serial (rs485) or wireless communication
SCADA interface	Modbus TCP
Nighttime stow	Yes, configurable
Backtracking	Yes JUNNEL TES
In-field manufacturing	No att FILL CER.
On-site training and commissioning	Yes, included in tracker supply
Standard warranties	Structure: 10 years. Electromechanical components: 5 years UL3703, IEC 62817
Certifications	UL3703, IEC 62817
Structural adaptation to local codes	Yes, verified by third-party structural engineers if required

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FOLLOW THE SUN. Follow the leader.



7% Lower LCOE



Three decades of field-tested design improvements have resulted in the DuraTrack® HZ v3 — the most durable, reliable tracking system under the sun. While our single-bolt module clamp and forgiving tolerances streamline installation, and our flexibly linked architecture maximizes power density, it's our innovative use of fewer components and a failure-free wind management system that makes Array Technologies the best choice for solar trackers. **Better. Stronger. Smarter**.



HIGH POWER DENSITY.

Higher density means more power and more profit. DuraTrack HZ v3 offers the unique ability to maximize the power density of each site, boasting 100 modules per row and higher density than our closest competition.



LEADING TERRAIN ADAPTABILITY.

Our flexibly linked architecture, with articulating driveline joints and forgiving tolerances, creates the most adaptable system on the market for following natural land contours while creating the greatest power generation potential from every site.



FEWER COMPONENTS. GREATER RELIABILITY.

Array was founded on a philosophy of engineered simplicity. Minimizing potential failure points (167 times fewer components than competitors), DuraTrack HZ v3 consistently delivers higher reliability and superior uptime.



FAILURE-FREE WIND DESIGN.

DuraTrack HZ v3 was designed and field tested to withstand some of the harshest conditions on the planet. It is the only tracker on the market that reliably handles wind events with a fully integrated, fully mechanical, passive wind-load mitigation system without the need for complex communication systems, batteries, or power.



ZERO SCHEDULED MAINTENANCE.

Maintenance-free motors and gears, fewer moving parts, and industrial-grade components—what does this mean for our customers? No scheduled maintenance required. While our competitors average two unscheduled maintenance events per day, we average only one per year.



COST VERSUS VALUE

We believe value is more than the cost of a tracking system. It's about building with forgiving tolerances and fewer parts so construction crews can work efficiently. It means protecting your investment with a failure-free wind management system. It also includes increasing power density. But most of all, value is measured in operational uptime, or reliability.

THE GLOBAL LEADER IN RELIABILITY

Array has spent decades designing and perfecting the most reliable tracker on the planet. Fewer moving parts, stronger components and intelligent design that protects your investment in the harshest weather are but a few of the innovative differences that keep your system running flawlessly all day and you resting easy at night.

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30 GW years of $167 \times$ fewer components than competitive trackers

STRUCTURAL & MECHANICAL FEATURES/SPECIFICATIONS

Tracking Type	Horizontal single axis
Less than 1 drive motor /MW	Up to 1.559 MW DC
String Voltage	Up to 1,500V DC
Maximum Linked Rows	32
Maximum Row Size	116 modules crystalline, and bifacial: 240 modules First Solar 4; 90 modules First Solar 6 and 6 Plus
Drive Type	Rotating gear drive
Motor Type	2 HP, 3 PH, 480V AC
East-West/North-South Dimensions	Site / module specific
Array Height	54" standard, adjustable (48" min height above grade)
Ground Coverage Ratio (GCR)	Flexible, 28-45% typical, others supported on request
Terrain Flexibility	N-S tolerance: 0-15% standard, 26% optional: Driveline: 40° in all directions
Modules Supported	Most commercially available, including framed and frameless thin film, crystalline silicon, hetero junction and bifacial.
Tracking Range of Motion	± 52° standard, ± 62° optional
Operating Temperature Range	-30°F to 140°F (-34°C to 60°C)
Module Configuration available.	Single-in-portrait standard, including bifacial. Four-in-landscape (thin film)
Module Attachment	Single fastener, high-speed mounting clamps with integrated grounding. Traditional rails for crystalline in landscape, custom racking for thin film and frameless crystalline and bifacial per manufacturer specs.
Materials	Pre-galv steel, HDG steel and aluminum structural members, as required
Allowable Wind Load (ASCE 7-10)	140 mph, 3-second gust exposure C
Wind Protection	Failure free passive mechanical system protects against wind damage without the use of complex communications systems, batteries — no power required

ELECTRONIC CONTROLLER FEATURES/SPECIFICATIONS

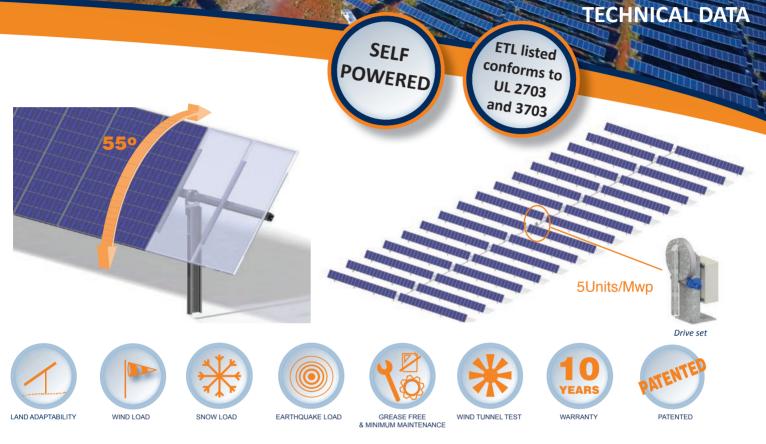
Solar Tracking Method	Algorithm with GPS input
Control Electronics	MCU plus Central Controller
Data Feed	MODBUS over Ethernet to SCADA system
Night-time Stow	Yes
Tracking Accuracy	± 2° standard, field adjustable
Backtracking	Yes

INSTALLATION, OPERATION & MAINTENANCE

Software	SmarTrack optimization available	
PE Stamped Structural Calculations & Drawings	Yes	
On-site Training and System Commissioning	Yes	
Connection Type	Fully bolted connections, no welding	
In-field Fabrication Required	No	
Dry Slide Bearings and Articulating Driveline Connections	No lubrication required	
Scheduled Maintenance	None required	
Module Cleaning Compatibility	Robotic, Tractor, Manual	
GENERAL		
Annual Power Consumption (kWh per 1 MW)	400 kWh per MW per year, estimate	



STI-H1250 HORIZONTAL SINGLE AXIS TRACKER



DESIGN

- Irreversible electromechanical rotative drive, with high performance geared motor with only 260W (wired or self powered options available).
- Wide range of motion: 110° (± 55°).
- Minimum number of drives (<5 units) for every MWp installed.
- Minimum energy consumption (<5 kWh / day / MWp).
- Over 99,9% Availability.
- Compatible with different foundation solutions: driven pile, micropiles, concrete pads, predrilling, screw pile.
- Compatible with all PV modules (framed, glass-glass, thinfilm, bifacial).

OPERATION AND MAINTENANCE

- Minimum O&M work due to the simplicity and robustness.
- Minimum maintenance.
- Lubrication free rotation elements.

CONTROL SYSTEM

- Heigh operation reliability.
- Alarm management fully configurable by client.
- Backtracking Algorithm customized for every STI-H1250 tracker, avoiding shadows and increasing production.
- Easy integration into the plant's communications system and SCADA thanks to Modbus TCP / IP standard.
- Tested under accelerated life cycle.

INSTALLATION

- Preassembled joints and components.
- Minimum installation time, fast & simple.
- High tolerances to foundation positioning error, in the three axes (X, Y, Z) and to rotation in Y and Z axes.
- 100% bolted connections. No drilling, cutting, or welding on-site.
- DC wiring optimization: 2 strings per tracker row.

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STI-H1250 HORIZONTAL SINGLE AXIS TRACKER



TECHNICAL SPECIFICATIONS





Tracker type	Horizontal Single Axis tracker (HSA	(TA		
Ground Coverage Ratio	Configurable by project, typical 33			
Tracker area	Up to 15,607 ft. ² / 1.410 m ²			
DIMENSIONING*(For a 72 cel. PV and 1/GCR = 3 trac	ker) 1000V	1500V		
PV Modules per torsion per row	40	60		
Number of rows	18	12		
Peak Power (330Wp PV Module)	237Kwp	237Kwp		
Number of piles per tracker	144	120		
PV module height. Tracker in 0 ^o horizontal position	4.92 ft. / 1.5 m	4.92 ft. / 1.5 m		
PV module height. Tracker in 55 ^o horizontal position	7.2 ft. / 2.2 m max. // 1.3 ft. / 0.4 m min.			
ROTATION DRIVE				
Drive transmission	Rotative electromechanical actuator			
Power Back-up	LiFe PO4 Backup battery			
Drive set power consumption	< 0.5 Kwh/day			
Motor power	260 W / 24VDC self-powered			
MECHANICAL SPECIFICATIONS				
Range of motion	110° (+/-55°)			
Max. wind velocity (in horizontal position)	135 mph // 217 km/h (*)			
Structure	HDG ASTM A36, A572, A500			
Compliance	Grounding bonding UL2703 / Structura	Grounding bonding UL2703 / Structural Design ASCE7-10 or EUROCODE		
Site topography flexibility	5% N-S / 5% E-W (Higher values to	be validated)		
CONTROL SYSTEM				
Tracking control system	NREL SOLPOS astronomical algorithm running at PLC (Accurancy $\pm 0.01^{\circ}$)			
Shadow management	Customized Backtracking algorithm			
Wind management	Stow criteria configurable by user			
Motion data acquisition	Inclinometer IP68/IP69K			
Communications protocol	Zigbee [®] (other options available)			
MAINTENANCE				
Maintenance	Minimum (annual review)			
WARRANTY				
Structural / For Drive Gear & Control System	Top years structural / Eive years D	Ten years structural / Five years Drive Gear & Control System		

(*) Configurable depending on Project



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Summary: Amended Application Exhibit C - Tracker Equipment Specifications electronically filed by Teresa Orahood on behalf of Herrnstein, Kara