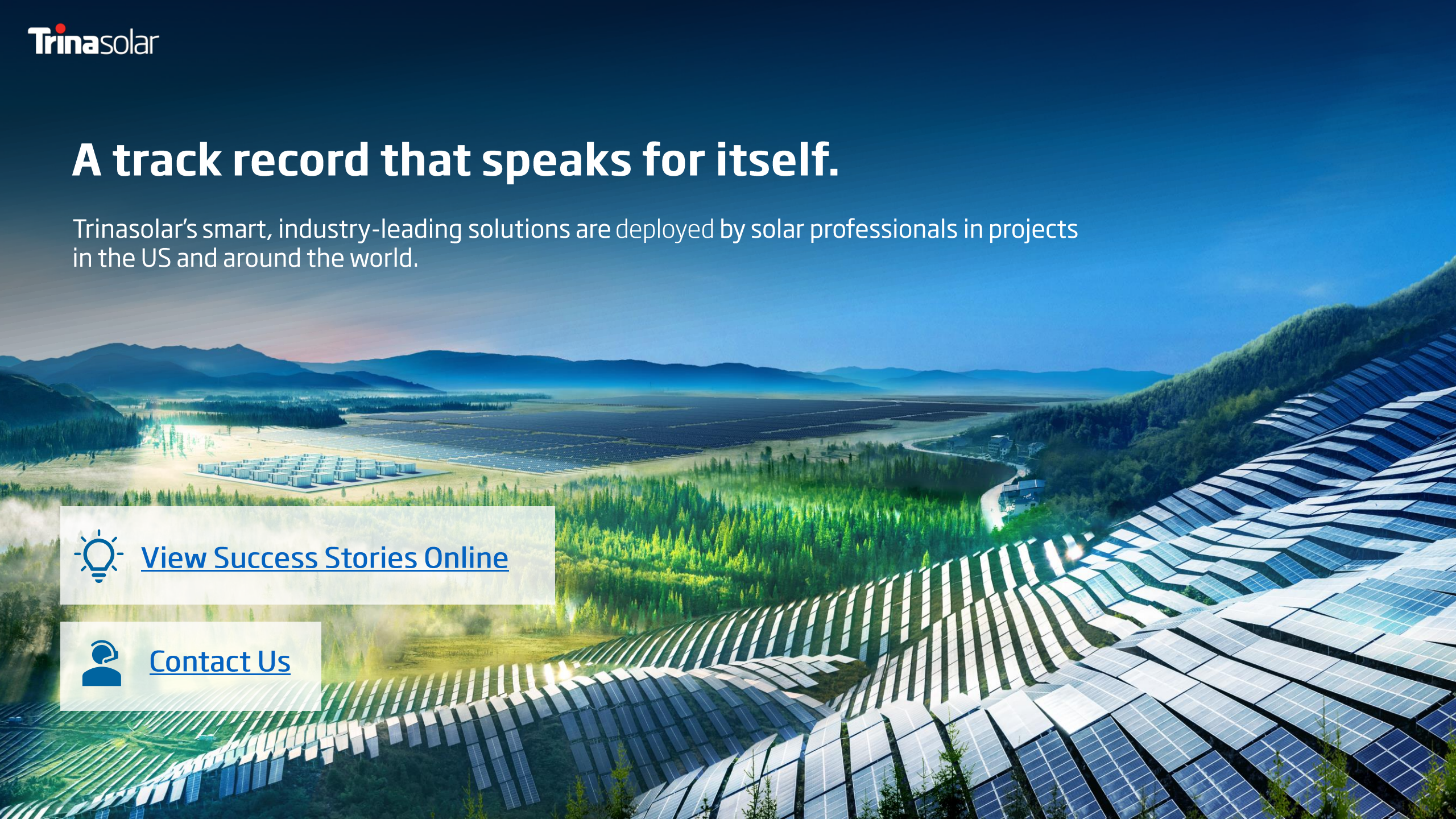
Trinasolar

Success Stories

North America | 2025




Trinasolar
A track record that speaks for itself.
Trinasolar's smart, industry-leading solutions are deployed by solar professionals in projects in the US and around the world.
View Success Stories Online
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Commercial Projects - Smithville II





Location - Smithville, Texas

Size - 1.4 MW

Customer – UGE, City of Smithville

EPC – Spear Commercial & Industrial

Type – Ground mount solar PV system with 2P trackers

Modules – 2,376 bifacial Vertex N TOPCon modules

Inverters – Solectria string inverters

In the heart of Texas, a newly commissioned 1.4-megawatt (MW) solar project in the City of Smithville showcases how innovative technology and strategic partnerships can overcome challenges to deliver clean, reliable energy to residents and businesses in the local community.

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Commercial Projects - Inspira Health Center





Location – Deptford, New Jersey

Size – 331 kW

Customer – Inspira Health

EPC – Equinox Renewable Energy, LLC

Type – Commercial rooftop PV system

Modules – 566 bifacial Vertex N TOPCon modules

Inverters – SMA

Racking - Sollega

Inspira partnered with Trinasolar and Equinox to install a 331 kW rooftop PV system for Inspira's new health center in Deptford, NJ. Using cutting-edge, Vertex N bifacial modules with TOPCon technology, Inspira was able to use fewer modules to reach the same power output as traditional modules, allowing for more flexibility in the system design to overcome the roof's space limitations.

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Commercial Projects – Haynes International





Location – Acadia, Louisiana

Size – 370/300 kW DC/AC

Customer – Haynes International

EPC – Spear Commercial & Industrial

Type – Commercial rooftop PV system

Modules – 740 Trinasolar 500W Vertex PV modules

Inverters – CPS

Racking - SunModo

Haynes International and Spear Commercial & Industrial partnered with the TrinaPro Solutions team to seamlessly streamline the procurement of balance-of-system (BOS) components, supplying the modules and inverters for the project.

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Commercial Projects – Black Hills State University





Location – Spearfish, South Dakota

Size – 800 kW

Customer – Black Hills State University

EPC – GenPower

Type – Behind-the-meter rooftop PV system

Modules – 2,124 TALLMAX modules

Inverters – CPS

Racking - Panelclaw

Finding a way to finance the project in a way that created savings for the customer while staying within South Dakota's legislative boundaries was a big challenge for Black Hills State University. BHSU and GenPower partnered with TrinaPro Solutions to help ensure the project delivered the maximum value and met the customer's goals.

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Commercial Projects – Clark County School District





Location – Clark County, Nevada

Size – 1.08 MW (total of all 18 systems)

Customer – Clark County School District

EPC – Bombard Renewable Energy

Type – Roof-mounted solar PV system

Modules – 4,680 ALLMAX modules

Using Trinasolar Panels, The Clark County School District was able to reduce energy costs and provided significant energy savings for each of the 18 elementary schools. The installation made use of available standing seam roofs for much of the installations. This brought the installation cost down and provided significant energy savings.

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Commercial Projects – Antelope Valley Union





Location – Antelope Valley, California

Size – 9.6 MW

Customer – Antelope Valley School District

EPC – PsomasFMG

Type – Roof and ground-mounted PV system

Modules – 40,000 ALLMAX modules

The Antelope Valley Union High School District took a calculated risk and was rewarded with reduced energy bills since it started using Trinasolar panels.

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Commercial Projects – Treasury Winery Estates





Location – Paso Robles, California

Size – 1.25 MW

Customer – Treasury Winery Estates

Type – Fixed rooftop PV system

Modules – 5,432 ALLMAX modules

Spanning over 500 luscious acres in San Luis Obispo County, Treasury Winery Estates' vineyards are located in Californias' coastal mountain range. This project included installation of solar panels over the rooftops of the wine storage and grape crushing facilities.

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Commercial Projects – Puerto Rico Convention Center





Location – San Juan, Puerto Rico

Size – 5 MW

Customer – Puerto Rico Convention Center

EPC – Gestamp Solar

Type – Fixed rooftop & carport PV system

Modules – 19,000 modules (2,000 rooftop, 17,000 carport)

Spanish PV developer and operator Gestamp Solar completed a 5MW PV installation at the Puerto Rico Convention Center in San Juan. The plant will generate around 8,000MWh of electricity annually. It took eight months to construct the project and required US$20 million in investment. Construction of the facility created 125 jobs, while 25 permanent jobs have now been established to help maintain the installation.

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Commercial Projects – Colorado State University





Location – Fort Collins, Colorado

Size – 5.3 MW

Customer – Colorado State University

EPC – Fotowatio Renewable Ventures (FRV)

Type – Ground mount solar PV system

Modules – 23,000 ALLMAX modules

When Colorado State University decided to develop a ground-mounted solar PV system at their Foothills campus, leading PV developer Fotowatio Renewable Ventures (FRV) selected Trinasolar's multi-crystalline 230W modules. The 15-acre installation is expected to generate over three and half million kilowatthours of electricity annually, satisfying over 10% of the campus' electricity needs.

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Utility Projects – Arica & Victory Pass


Photo by: Clearway Energy Group

Location – Riverside County, California

Size – 463 MW

Customer – Clearway Energy Group

Type – Ground mount solar PV system

Modules – DEG19C.20

The Arica and Victory Pass solar projects' combined capacity of 463 MW generates enough electricity to power 205,000 homes.

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Utility Projects – PawPaw Solar Facility



Location – Taylor County, Georgia

Size – 30 MW

Customer – DEPCOM Power

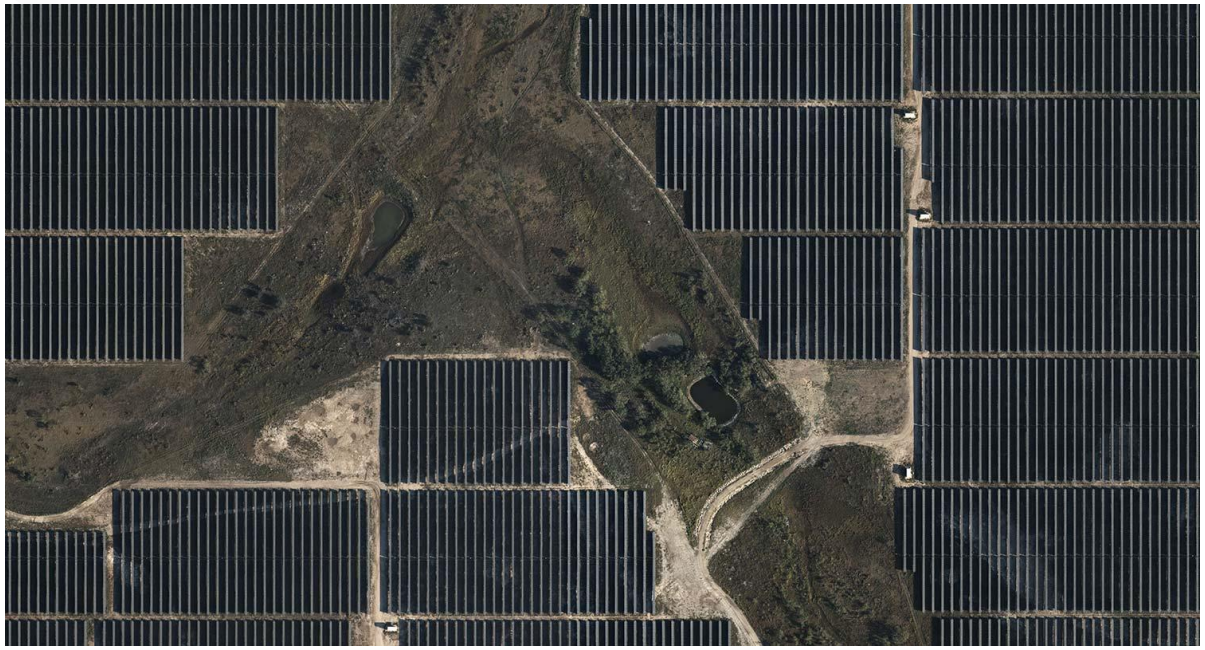
Type – Ground mount solar PV system

Modules – 137,000 modules

PawPaw solar facility, situated on approximately 416 acres, was acquired by Southern Power in May 2015. The electricity and associated renewable energy credits generated by the facility are sold under a 30-year power purchase agreement with Southern Company subsidiary Georgia Power, which will have the option to keep or sell the RECs, for the benefit of its customers or renewable energy programs.

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Utility Projects – Galloway 1





Location – Concho County, TX

Size – 250 MW

Customer – 8Minute Energy (Avantus)

Type – Ground mount solar PV system

Modules – DEG15HC.20

The Galloway 1 solar project, which began commercial operation in 2021, powers approximately 11,000 homes and offsets approximately 826,000 metric tons of C02 per year.

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Utility Projects – Jackpot Solar





Photos by: Duke Energy/Google

Location – Twin Falls County, Idaho

Size – 120 MW

Customer – Duke Energy

Type – Ground mount solar PV system

Modules – DEG21C.20

Jackpot Solar began commercial operation in 2023 and is both Duke Energy's first utility-scale renewable energy project in the state and the largest solar facility in operation in Idaho. The Jackpot Solar project generates enough electricity annually to power about 24,000 homes and is part of an effort toward Idaho Power's Clean Today, Cleaner Tomorrow target of providing 100% clean energy by 2045. This project also has a positive impact on the community by providing significant tax revenues for the local school district.

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Utility Projects – Orion II





Photos by: SB Energy

Location – Milam County, Texas

Size – 250 MW

Customer – SB Energy

Type – Ground mount solar PV system

Modules – DEG21C.20

Orion II is one of a three-part solar plant called the Orion Solar Belt, which utilizes over 1.3 million modules to power the Google Midlothian data center located in Ellis County, Texas.

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Utility Projects – Eagle Shadow Mountain





Photos by: Arevon/8Minute

Location – Clark County, Nevada

Size – 300 MW

Customer – 8Minute Energy (Avantus)

Type – Ground mount solar PV system

Modules – DEG15MC.20

Eagle Shadow Mountain solar project is located on the Moapa River Indian Reservation and is the largest solar installation to date built on tribal land. This 300 MW project is expected to generate more than 900,000 MWh of clean energy per year to help serve its 44,000 square-mile territory and 2.4 million customers.

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Utility Projects – Wheatridge Renewable Energy Facility





Location – Morrow County, Oregon

Size – 50 MW

Customer – NextEra Energy

Type – Ground mount solar PV system

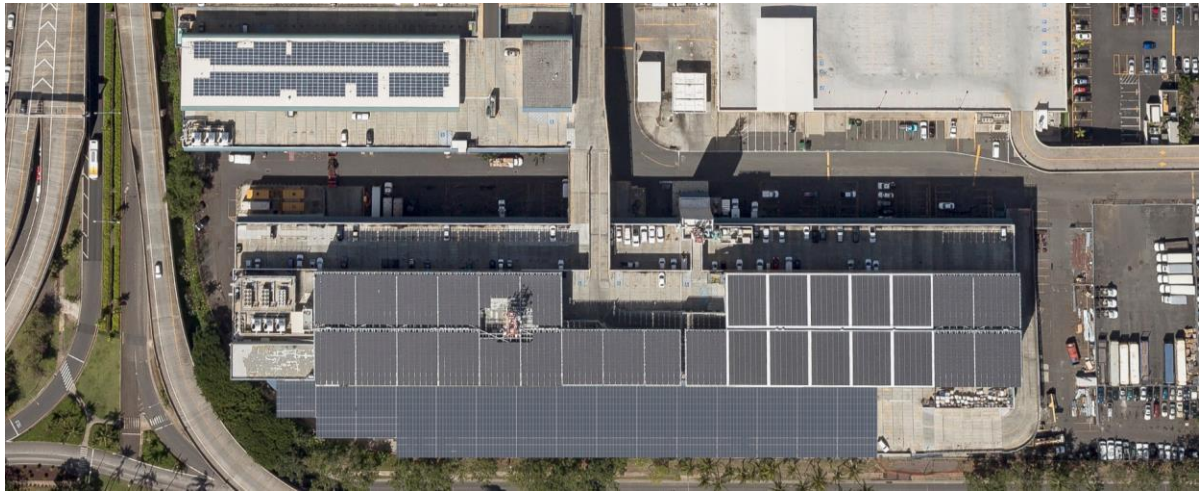
Modules – DEG15VC.20

The Wheatridge Renewable Energy Facility includes a 50 MW solar facility and 30 MW battery storage system in addition to a 300 MW wind farm, which provide enough emissions-free energy all together to power about 100,000 homes in the local community. This facility is the first development of its scale in North America to co-locate wind and solar generation with battery storage, pushing the boundaries of what can be achieved using renewable energy sources.

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Utility Projects – Airport Industrial Park





Location – Honolulu, Hawaii

Size – 327 kW

Customer – Pacific Steel Distribution, LLC

Type – Carport solar PV system

Modules – DEG15MC.20

Airport Industrial Park, located next to the Daniel K. Inouye International Airport, is an owner developed and managed multi-level office/warehouse complex. A total of 120,000 square feet of solar PV systems have been installed to harness renewable energy, including rooftop and canopy systems. These systems both provide ample shade for the building and parking stalls, leading to substantial reductions in cooling costs.

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Utility Projects – Copper Mountain III





Location – Boulder City, Colorado

Size – 345 MW

Customer – Sempra U.S. Gas & Power

Type – Ground mount solar PV system

Modules – 1,132,809 modules

Situated on about 1,400 acres of land, Copper Mountain III taps into the intense desert sun in Boulder City, Nevada, to produce clean energy and a stronger local economy. Copper Mountain III is the third stage in the landmark Copper Mountain Solar complex, one of the largest photovoltaic solar facilities in the U.S. This 345MW facility generates enough electricity to power about 89,000 homes.

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Utility Projects – The Glades RV Resort





Location – Moore Haven, Florida

Size – 1 MW

Customer – The Glades Resort

Type – Ground mount solar PV system

Modules – 2,415 DUOMAX modules

The Glades Resort is one of the first RV parks in the country to be fully powered by a 1 Megawatt (MW) solar power station. Partnering with TrinaPro Solutions eliminated the need for SolarUtility Partners to deal with multiple suppliers, vendors, or distributors, which helped lower project soft costs.

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Utility Projects – Porterville Plant





Location – Porterville, California

Size – 5 MW

Customer – Southern California Edison

Type – Ground mount solar PV system

Modules – 29,426 ALLMAX modules

Construction and testing of the Porterville project took about six months. This short construction phase was enabled by over a year of pre-construction planning and experience gained from Southern California Edison's numerous other facilities. The project covers 32 acres of land and generates as many as 5 million watts (AC) of renewable energy, enough to serve the daytime power needs of 3,250 average homes.

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Utility Projects – Meridian Center Business Park





Location – Eatontown, New Jersey

Size – 728 kW

Customer – Meridian Solar Partners

Type – Ground mount solar PV system

Modules – 3,119 ALLMAX modules

This unique project, comprised of 25 separate "mini-systems", has been installed on four adjacent buildings in the Meridian Center Business Park in Eatontown, New Jersey. It is currently the largest solar system in Monmouth County. The project saves the equivalent of 1,386 barrels of oil annually. The system is saving about $120,000/year in energy bills, accounting for nearly 50% of the complex's energy use.

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with Smart Solar and Energy Storage Solutions

