SOLAR HI-WAYS

TOWERS 4 POWER
SKY HIGH SOLAR SOLUTIONS

TOWERS 4 POWER ORIGIN STORY

The innovative solar energy solutions developed by Towers 4 Power trace their roots back to a unique challenge: generating more energy within the limited confines of an EV, trucks, vans or RV's. Our initial research focused on creating a compact, efficient system capable of providing supplemental power to electric vehicles (EVs).

This exploration led to a breakthrough realization: by thinking beyond the traditional flat-panel approach and instead utilizing three-dimensional space, we could significantly increase energy output. This insight became the foundation for our current focus on clustering solar panels in vertical planes, which not only maximizes energy capture but also allows for more versatile and space-efficient installations.

What began as a quest to power EVs has evolved into a pioneering effort to transform solar energy generation on a much larger scale, addressing some of the most pressing challenges facing the U.S. power grid today.

3 MILLION MILES
OF OPPORTUNITY

SOLAR HI-WAYS

TOWERS 4 POWER
SKY HIGH SOLAR SOLUTIONS

MAXIMIZING ENERGY OUTPUT BY

CLUSTERING SOLAR PANELS VERTICALLY

ALONG THE EXISTING 3 MILLION MILES OF RIGHT-OF-WAY/S ON A FOOTPRINT ALREADY SET ASIDE FOR ENERGY DISTRIBUTION AND PUBLIC INFRASTRUCTURE

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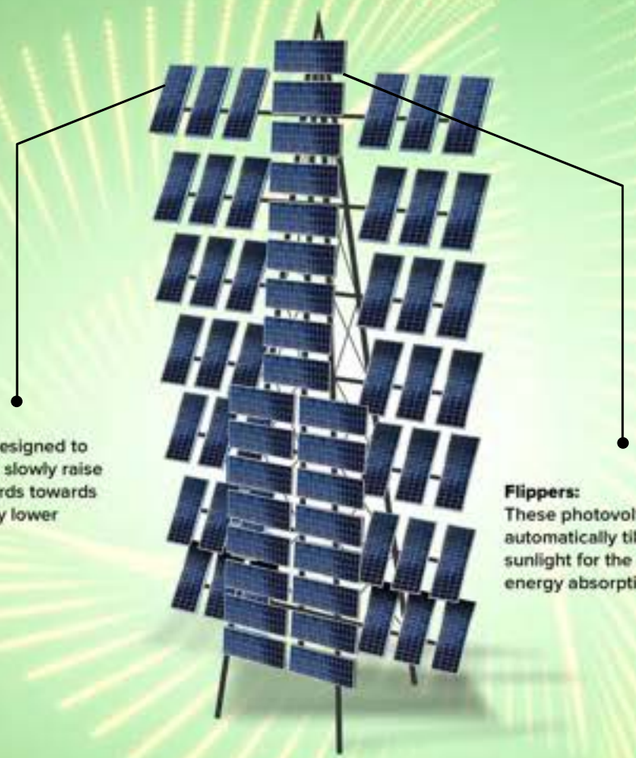
RE+ Booth # E13051

T4P TOWERS



Rotators:
These multi-panel clusters are designed to rotate towards the morning sun, slowly raise along with the sun to face upwards towards the mid-day sun, and then slowly lower towards the evening sun.

Flippers:
These photovoltaic (PV) panel clusters automatically tilt to capture maximum sunlight for the day, ensuring optimal energy absorption.

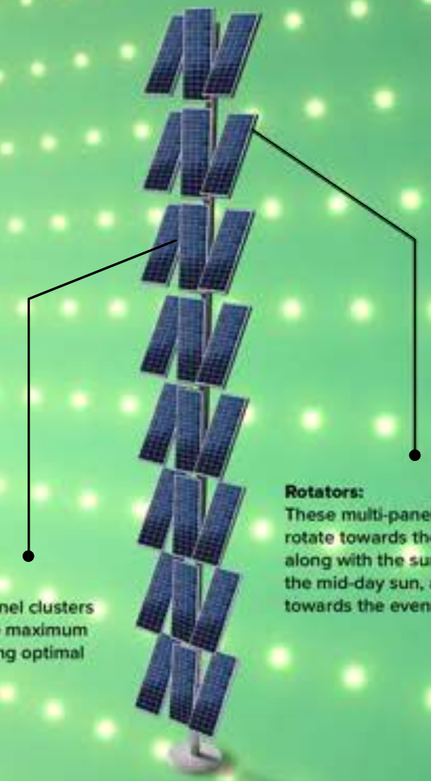
Adaptable Heights: Our A-Frames can be custom designed to match the needs of a host location.

Optimized Coverage: A strategic combination of "Rotators" and "Flippers" ensures extended solar coverage throughout the entire hours of daylight.

Integrated BESS storage: Space can be designed into the A-Frame base to allow for battery storage containers which can be used to enable the T4P to be the center of a Pillar storage network.

"Rotators" and "Flippers" can be controlled across a network of Towers and Pillars by photo-voltaic sensors, tracking software and managed by internet connected digital dashboards.

T4P PILLARS



Rotators:
These multi-panel clusters are designed to rotate towards the morning sun, slowly raise along with the sun to face upwards towards the mid-day sun, and then slowly lower towards the evening sun.

Flippers:
These photovoltaic (PV) panel clusters automatically tilt to capture maximum sunlight for the day, ensuring optimal energy absorption.

Adaptable Heights: Our Pillars can be custom designed to match the needs of a host location and the single base enables a smaller footprint ideal for small spaces, agrivoltaics and Wind Farm co-location uses.

Optimized Coverage: A strategic combination of "Rotators" and "Flippers" ensures extended solar coverage throughout the entire hours of daylight.

Networked BESS storage: A single T4P A-Frame with BESS storage can be the center of a spread out T4P Pillar storage network.

"Rotators" and "Flippers" can be controlled across a network of Towers and Pillars by photo-voltaic sensors, tracking software and managed by internet connected digital dashboards.