

FOR IMMEDIATE RELEASE

**Caterpillar and PowerParasol® to Bring Patented
Solar Shade to Global Microgrids**

*Phoenix-Area Company Becomes a Preferred Vendor for Cat Microgrid
Solutions*

PHOENIX Ariz. (August X, 2016) – Caterpillar, Inc., an industry leader in helping customers develop infrastructure, energy and natural resource assets, has inked a deal to bring PowerParasol® solar shade structures to remote areas where people and industry lack access to electricity.

PowerParasol uses breakthrough technology to shade acres of space and generate megawatts of clean solar energy. A patented design creates dappled light, allowing vegetation to grow, while the height and architectural design of the structures provide open, cool, and welcoming places to gather.

Caterpillar will sell and build PowerParasol structures worldwide through the Cat dealer network, bringing this patented solution to the large and rapidly growing microgrid market.

“Today, more than 1.3 billion people have no access to electricity and billions more need a reliable source of energy,” said Steve McClain, chief executive officer of Strategic Solar Energy, the company behind the PowerParasol. “In these remote areas, PowerParasol can be a significant source of clean solar energy that keeps industries producing, communities developing and people connected, while our unique design provides shade and pleasant spaces for open-air markets and gatherings.”

For 90 years, remote industry sites, villages and islands have depended on Caterpillar for reliable energy, grid backup and sustainable, continuous power. The agreement with PowerParasol extends the company’s innovative microgrid energy offering.

“We’re combining our deep, international experience developing microgrid electricity with PowerParasol’s ability to deliver green energy in a ways that enhance, rather than consume land,” said **Gary Rainey, Cat Microgrids Allied Vendor Program Manager.** “This agreement expands our ability to give our global

customers innovative energy solutions that displace conventional fuels, resulting in lower electricity costs for industries, businesses and communities.”

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About Caterpillar:

For 90 years, Caterpillar Inc. has been making sustainable progress possible and driving positive change on every continent. Customers turn to Caterpillar to help them develop infrastructure, energy and natural resource assets. With 2015 sales and revenues of \$47.011 billion, Caterpillar is the world’s leading manufacturer of construction and mining equipment, diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives. The company principally operates through its three product segments - Construction Industries, Resource Industries and Energy & Transportation - and also provides financing and related services through its Financial Products segment. For more information, visit caterpillar.com. To connect with us on social media, visit caterpillar.com/social-media.

About Strategic Solar Energy:

Strategic Solar Energy (SSE) is focused on creating innovative renewable energy technology solutions. Its business model is to build beautiful solar structures, rather than hiding solar generation out of sight; to enhance land rather than consume it; and to work within the local electrical grid to generate electricity close to where it is consumed. SSE’s first product is the PowerParasol®, a patented solar electric generation and shade structure designed by Phoenix-based Debartolo Architects. PowerParasol creates a shaded, park-like environment that improves rather than disrupts how the land is currently used. For more information, visit www.powerparasol.com.

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