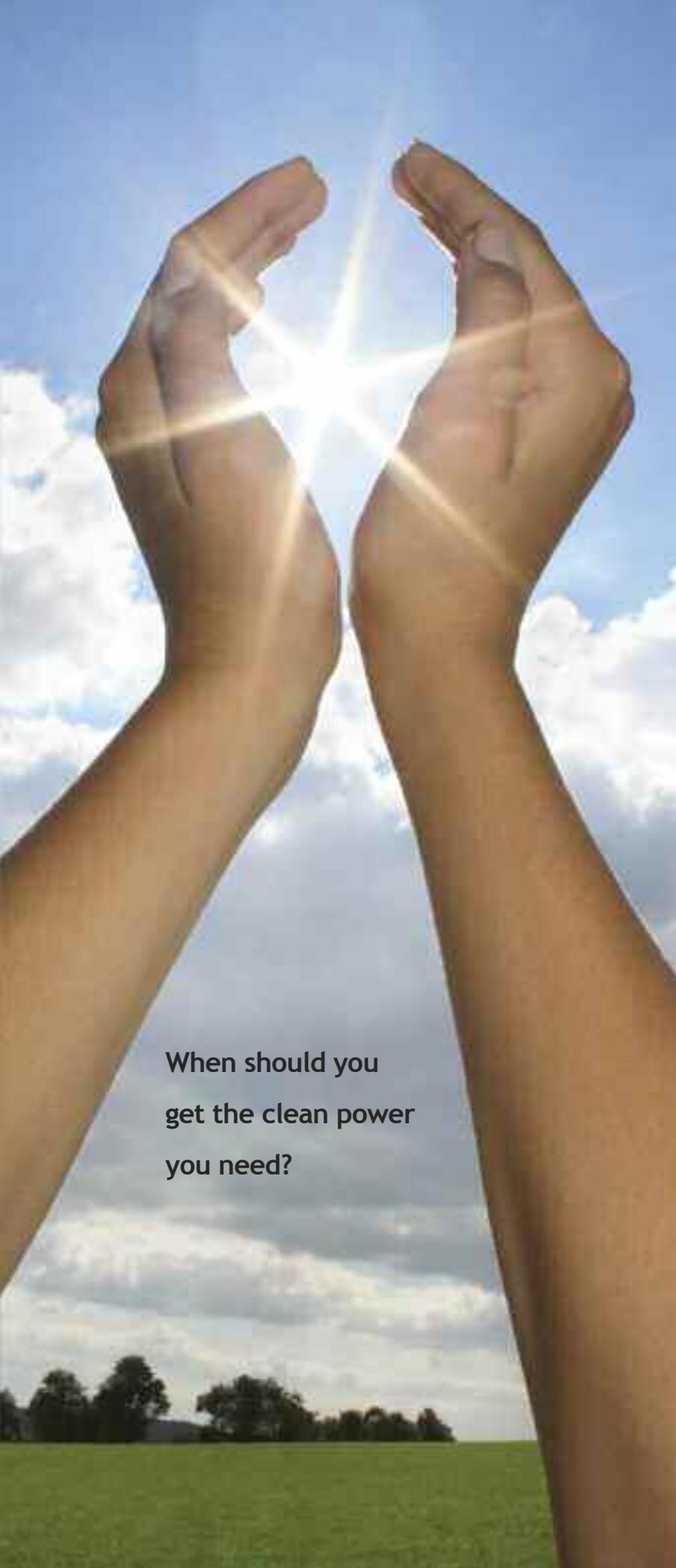**What powers you?**

The way things are?

Or the way things should be?

Balance **Energy**

clean power when you need it™

When should you get the clean power you need?

It's ironic, really. As people become increasingly energy-conscious, their digital-age connectedness drives ever-increasing energy use. And, as "green" technologies like plug-in cars and home-based power generation take root, the challenges of delivering and managing power across the grid only go up.

There's a brand-new world coming, and it's far beyond what can be done with an energy infrastructure that's nearly a century old.

Balance Energy was founded specifically to meet those challenges *today*.

Balance Energy is an end-to-end provider of resilient distributed generation solutions for utilities, municipalities, and commercial customers.

Balance Energy combines revolutionary thinking and rock-solid expertise from the commercial smart grid industry, with proven large-scale systems delivery capabilities from the defense and aerospace industries.

And we've redefined what renewable generation solutions and microgrids can do.

New generation technologies must be planned, implemented, and managed to support the existing bulk power grid.

On the planning side, Balance Energy's Dynamic Enterprise Engineering Environment (DE^3) enables fast, comprehensive analyses of alternatives. So, the optimal route can be chosen.
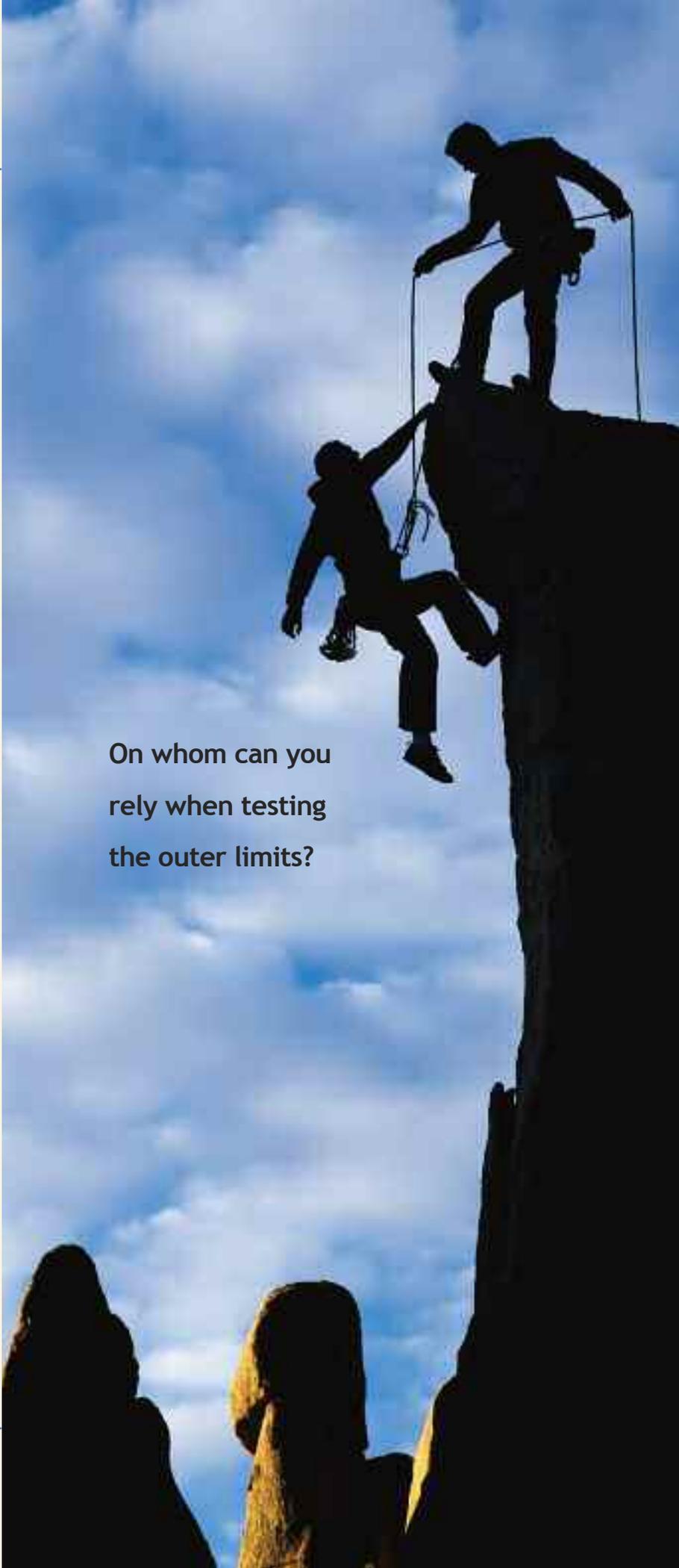
On the implementation side, we cover every phase of Design, Build, Own, Operate, and Maintain, including siting, permitting, and financing for large, complex enterprise systems.

On the management side, our assured open architecture systems give you both secure control and clear visibility of distributed generation assets, in real time.

Taken together, that creates an ecosystem of systems: a highly connected network of distributed generation and storage resources that functions as an organic part of the community.

No matter how high you aim, in Balance Energy you have a partner who's there for you every step of the way.

On whom can you rely when testing the outer limits?

Balance Energy enables a regional energy solution in a regional space.

Our microgrid and renewable generation solutions support the bulk grid by integrating and aggregating dispatchable, scalable distributed generation and storage resources.

In practice, our solution goes beyond local generation for local consumption. The energy produced is available to the distribution network to support hundreds of thousands of users spread all over the grid.

Unlike technology-focused solution providers, we're not tied to any single energy source, be it waste-to-energy gasification, bio-mass anaerobic digesters, wind, solar, or fuel cell systems. So you gain maximum flexibility as new technologies become available.

No matter what technologies you use, Balance Energy can integrate them into the power grid

safely and securely, thanks to a deep background in power control systems and cyber security. This includes real-time situational awareness visibility and local grid distribution network interoperability.

That up-to-the-moment data and control enables a price-based arbitrage capability that ensures consistent, predictable energy prices.

We help utilities meet their Renewable Portfolio Standards (RPS) goals through dispatchable renewable generation solutions like waste-to-energy.

In addition, our methods ensure a big-picture approach that optimizes every system, from design through development, at every stage of the lifecycle.

Integration that goes beyond systems

In addition to delivering a solution that works, and works well, Balance Energy goes the extra mile

to deliver the right fit with the local community.

The local culture, environment, and infrastructure are every bit as much a part of our solution as the facilities, software, and systems that we roll out to meet their needs.

Our holistic approach and far-reaching capabilities allow us to deliver solutions with benefits that go beyond the usual, like the creation of additional revenue streams and the generation of jobs.

The result: you increase access to clean power, where and when you need it, while reducing capital expenditures, risks, and exposure to hidden operating costs over the long haul. No other partner can offer you the same level of support and flexibility from end to end and beyond.

For more information: Contact Balance Energy at (858) 675-5989. And start building toward a bright, sustainable future – the future, as it should be.

Balance Energy:

- Augments local community energy capacity and reliability
- Mitigates energy price escalation
- Enhances regional power grid resilience
- Provides real-time distributed resource management and control
- Enhances utility visibility into distributed generation performance
- Reduces capital expenditure requirements
- Helps utilities meet Federal and State RPS objectives

Our resource management, control, and communications systems balance loads in real time, optimize energy price/power performance, and reduce operational costs.

About Balance Energy

Balance Energy™ is a BAE Systems initiative that applies the technologies and capabilities of a global defense, security, and aerospace leader to address the emerging needs of a changing world.

Balance Energy is headquartered in San Diego, California, with service capabilities across the U.S. through remote operating locations in Denver, Colorado, Phoenix, Arizona, and Washington, D.C.

We help consumers by increasing energy reliability and stabilizing energy costs.

We help communities by providing alternate sources of renewable energy to meet increasing energy demands.

We help utilities improve aggregate reliability, increase visibility into all their generation resources, and reach their Renewable Portfolio Standards goals.

Contact Fatima Abassi at (858) 675-5989 or email fatima.abassi@balanceenergysolutions.com.

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10920 Technology Place, M/Z 65SE | San Diego, California 92127-1874 | (858) 675-5989 | **balanceenergysolutions.com**