



# Beacon power systems Austria

Who is Beacon Power?

Beacon Power is the global leader in the development and commercialization of fast response flywheel-based energy storage systems, offering proven solutions at the utility-scale for power grid efficiency, frequency regulation, grid reliability, renewable power integration and other ancillary services.

Who is Beacon energy storage systems?

With over two decades of experience, Beacon Energy Storage Systems has established itself as a trusted leader in the field, offering innovative solutions that enhance reliability, efficiency, and sustainability in power management.

Why should you choose Beacon Power Systems?

At Beacon Power Systems, we understand the critical role that energy storage plays in addressing the challenges of a rapidly changing energy landscape. Our comprehensive suite of products and services is designed to empower businesses, utilities, and communities to optimize their energy usage, reduce costs, and minimize environmental impact.

What does Beacon do?

Beacon designs and develops products for utility frequency regulation for power grid operations. They store excess power in arrays of 2,800-pound (1,300 kg) flywheels during off-peak times for use during peak demand.

What is a Beacon Power Control Module?

Beacon's Power Control Module is an outdoor-rated, pad-mounted electronics package. Design criteria include reliable operation in extreme conditions found in hot desert environments like the Mojave in California, hot-humid locations like Puerto Rico or arctic conditions like Alaska.

What is a beacon power flywheel?

Beacon Power flywheels are the ideal tool for managing unpredictable, real-time changes in the electric power grid. Our systems have been proven over millions of operating hours in large and small-scale utility applications. The simple truth is that mechanical flywheels are far more agile and durable than competing energy storage technologies.

Beacon Power, LLC is an American limited liability company and wholly owned subsidiary of RGA Investments LLC. Founded in 1997 and headquartered in Tyngsboro, Massachusetts, it specializes in flywheel-based energy storage. Beacon designs and develops products aimed at utility frequency regulation for power grid operations.

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Beacon designs and develops products aimed at utility frequency regulation for power grid operations. The storage systems are designed to help utilities match supply with varying demand by storing excess power in arrays of 2,800-pound (1,300 kg) flywheels at off-peak times for use during peak demand.

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Beacon's flywheel configurations deliver the high power-to-energy ratios most effective for grid stabilization and renewable power smoothing. With a lifespan of at least 100,000 full depth-of-discharge cycles, a flywheel storage system has



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