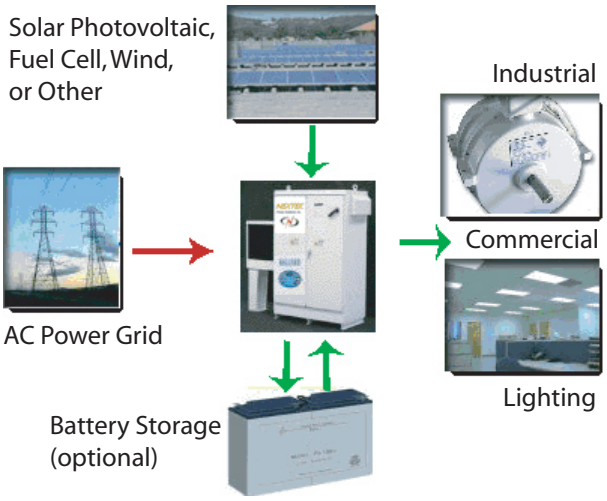
NEXTEK Power Systems, Inc.

75kW Power Gateway



Nextek combines locally generated energy with the grid to power on-site DC loads for the highest possible reliability and efficiency.

NEXTEK's power system reduces energy costs by using energy from the lowest cost sources first.

The system uses all available energy from locally generated sources (such as photovoltaic cells) first, then 'fills in' with power from the grid or, when the grid is not available, from batteries.

Power generated as DC (direct current) is used as DC to support fixed DC loads in the building such as DC fluorescent lighting, motor controls, and more. Because the system never changes the power to AC, it avoids inverter losses, grid interconnection issues, and often requires no utility permitting.

Simple to install because most existing AC fluorescent lighting ballasts can be powered with Direct Current and will operate at equal or higher efficiency. UL/C Listed. No rewiring or ballast changeover is needed. DC Power is cleaner, more stable, and more efficient.

Locations that are ideally suited to the Nextek Power System include:

- Locations with a lighting load of over 75kW (~500 light fixtures).
- Locations operating fluorescent lights that are always on during the daytime like retail, grocery, manufacturing,and offices
- Businesses that benefit from having the lights stay on during a power failure.
- Buildings with motors that utilize variable frequency motor drives such as the AB Powerflex 7 series.
- Areas where utility rates or demand charges are high or where net-metering is not encouraged.

The Nextek Gateway Direct Couples® standard fluorescent ballasts and other DC compatible loads to locally generated DC power from Photovoltaic Solar Electric systems, fuel cells, wind turbines, and more. The 75kW Gateway takes all available power from local sources first, then 'fills in' as need from the grid or through (optional) batteries.

The most efficient way to manage locally generated energy is to consume everything you generate; where, when, and how you generate it.

For more information, see www.NextekPower.com or email info@NextekPower.com
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