Taking Control of Your Energy Costs

Energy is no longer a volatile and unpredictable cost that is out of your control. EDF will partner with you to take control of your energy commodity and demand charges, as well as provide energy security and back up power for your critical assets. Solar and energy storage systems can capture high value by managing multiple applications simultaneously to maximize benefit to the customer.

**Taking Control of Your Energy Costs**

Energy is no longer a volatile and unpredictable cost that is out of your control. EDF will partner with you to take control of your energy commodity and demand charges, as well as provide energy security and back up power for your critical assets. Solar and energy storage systems can capture high value by managing multiple applications simultaneously to maximize benefit to the customer.

**After analyzing a load profile, the PEGASE EMS™ optimizes the operation of the solar and energy storage solution to reduce peaks in demand and shift load to off peak periods.**

**Energy storage systems that participate in emergency demand response and other market programs are paid for providing additional stability to the grid.**

**Energy storage systems provide seamless back up for critical assets during periods of grid instability or blackout. The PEGASE EMS™ senses instability and initiates a backup sequence prior to a blackout. When paired with solar, energy storage systems provide secure and clean energy.**

The EDF Renewable Energy – groSolar team (the EDF RE Team) brings together a thorough understanding of energy storage and solar energy in local markets, with the global procurement and financial wherewithal of an international energy firm. The EDF Group has installed more than 300 MW (824 MWh) of energy storage projects worldwide. In North America, EDF RE has developed 9 GW of renewable energy projects. EDF RE leverages its utility-scale experience to provide commercial scale project development, engineering, procurement, construction and long term operations and maintenance for distributed generation and storage.

As a subsidiary of one of the largest energy companies in the world, EDF RE is a single interface that provides a comprehensive turnkey energy storage and solar energy solutions, with EDF Store & Forecast’s PEGASE Energy Management System (PEGASE EMS™) as the command and control layer.

PEGASE EMS™ is an adaptable software, developed by EDF, that can be configured for multiple applications. With the ability to communicate with all storage, load, and generation assets, the PEGASE EMS™ software can be configured to forecast, optimize, and increase operational efficiency by controlling your energy costs.

EDF Renewable Energy is a subsidiary of EDF Energies Nouvelles. EDF Energies Nouvelles is the renewable energy arm of the EDF group.
HOW DO BATTERY STORAGE AND ONSITE SOLAR SYSTEMS SAVE YOU MONEY?

Utility energy costs consist of energy charges and demand charges. Demand charges, which are typically determined by the single highest 15-minute period of energy use during a month or year, account for over 50% of utility costs for many large energy customers, making them impossible to ignore. Solar and energy storage systems address both energy and demand charges to provide long term controllable and predictable energy costs.

EDF ADDS VALUE THROUGHOUT THE PROJECT LIFECYCLE

Working with the EDF RE Team on an energy storage solution and energy management system from design through system installation, commissioning, and operation & maintenance, will ensure high value for the customer.

EDF'S PEGASE EMS™ anticipates spikes in energy demand and strategically eliminates them by discharging the energy storage system to reduce demand charges.

Solar energy provides a clean, predictable low cost energy option during the daytime acting as a long term hedge against increasing energy costs from the utility.

ORIGINATION

Comprehensive analysis to identify and evaluate the potential of prospective energy storage and solar sites and applications.

DEVELOPMENT

Permitting, load analysis, operational simulation, optimization and design, and technology selections.

TRANSACTION

Finalize transaction structure, EDF RE internal financing team can close financing.

CONSTRUCTION

Turnkey implementation of the comprehensive energy storage system and a high quality build.

OPERATIONS & MAINTENANCE

Asset management, monitoring, and maintenance over the long term to ensure profitable and peak performance.

FOR INQUIRIES, CONTACT:

Jamie Link
Associate Director, Distributed Electricity & Storage
EDF Renewable Energy
1.858.521.3329
Jamie.Link@edf-re.com