



## FEATURED SOLUTION

# Energy Independence Through DER's

## Distributed Energy Resources Configured to Drive Economic, Operational and Environmental Benefits

### Your Objectives as a Large-Scale Energy Consumer

- Lower Energy Expense
- Long Term Inflation Hedge
- Energy Supply Redundancy and Reliability
- Deregulated Supply
- Carbon Efficiency
- Sustainability

### Ally DER Expertise Aligns Each Facet of the Project to Your Objectives

- Physical Plant Engineering
- Plant Operational Strategy
- Tariff Economics
- Capital and Tax Structure
- Risk Management

### Our Approach

The members of Ally's principal DER team each have an average of 20-years' experience in the DER domain. Drawing from a deep understanding across the spectrum of energy disciplines including supply, demand, carbon and capital, Ally understands your priorities and uses them to optimize plant design, capital, tax and operational strategies. Every client, portfolio and site is different, but the Ally approach is constant - optimize each project to meet the client's overall objectives and site-specific considerations in order to implement successful DER projects that generate ROI for years to come.

### The Enterprise View of DER's

- Physical Plant Types
- PV Solar
- Energy Storage
- Reciprocating Engines
- Biogas Fueled Engines
- Gas Turbines
- Co-Generation
- Fuel Cells
- Industrial Gas Production

### Plant Operational Strategies

- Base Load
- Peaker Plant
- Power Quality
- Reliability
- Economic Load Shaping

### Strategic Drivers & Situational Loading Order

- Environmental Stewardship
- Optimized Cash Flow
- Appropriate Capital Structure
- Maximize Tax Assets
- Risk Adjusted Returns

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Let Ally Help You Meet Sustainability Objectives, Improve Supply Reliability and Save You Money!

Call Us Today for More Information: (844) 237-2559

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# Ally DER Projects By the Numbers:

## Food Manufacturing Plant, Southern California Solar and Battery Storage

### PLANT CONFIGURATION

- 1MW Rooftop and Carport PV Solar
- 1MW DC Producing 1.6M kWh Annual
- 812kW Battery Storage

### STRATEGY

- Mitigate 9.4% Single-Year Tariff Increase
- Obsolete Roof Replaced Under Energy Cap-Ex
- Economic Load Shaping to Minimize Demand Charges

### BENEFITS

- \$2.2M Post-Tax Positive Tax Flow in First 3 Years
- Zero Cap-Ex Structure, Owner Retains Tax Assets
- Environmental Stewardship
- Deregulated Supply

## Meat Packing Plant, Northern Michigan On-Site Biogas to Electricity

### PLANT CONFIGURATION

- 8MW Biogas Fired Reciprocating Engines
- Capacity to Produce 41M kWh
- Biogas Fuel from Onsite Digester
- Operates Only During Hours with Peak Grid Cost

### STRATEGY

- Peaker Plant Operation Maximizes Tariff-Driven Economics
- Capable of Island Mode for Reliability
- Biogas Fuel Qualifies for Tax Credits

### BENEFITS

- \$13M Positive 15-Year Cash Flow
- \$4.1M Investment Tax Credit
- Energy Security During Grid Outages
- Flexibility to Run as 100% Base Load

## Regional Protein Facility, North-Central Florida Combined Heat and Power Cogeneration

### PLANT CONFIGURATION

- 5.5MW Natural Gas-Fired Reciprocating Engines
- Grid-Parallel Operation
- Serves 80% of kWh and Steam Loads
- 38M kWh Annual
- 47M lbs Steam Annual

### STRATEGY

- Reliability as Priority
- Size Plant to Economic Subset of Secondary Distribution
- Capable of Island Mode for 80% of Plant Load

### BENEFITS

- \$16.6M 15-Year Positive Cash Flow
- Energy Security During Grid Outages
- Can be Expanded to Capture CO2 for Onsite Use

## Funding Solutions

### Internal Capital Budget

We know how to work with you to position projects for success in competitive internal cap ex environments.

### Capital Lease

We'll help you tap virtually unlimited volume to fund high ROI projects.

### Operating Lease

We are experts at complex and tax-advantaged underwriting scenarios.

### PACE Funding

We have in-depth understanding of the PACE framework and handle all administrative duties.

### EEaaS - Energy Efficiency As a Service

Our M&V capabilities and EEaaS partnerships result in off-balance sheet funding that leaves your capital budgets untouched.

### PPA - Power Purchase Agreement

Volumetric or capacity based programs can provide deregulated supply without ownership or operational risk.

Get Information About DER's and More at [www.ally-energy.com](http://www.ally-energy.com)

