# Creating Capital Through Sustainability

RÉVEL

## Revel Is On A Mission

Dedicated to renewable energy solutions since 2009, Revel Energy was formed to provide Commercial and Industrial buildings with alternative energies beyond solar. Revel stands out from the competition by paying attention to what makes good business sense to each individual client, implementing a wider range of technologies to create capital and make businesses more sustainable and more profitable.

**WE GENERATE** REVENUE FOR CALIFORNIA **BUSINESSES** THROUGH DYNAMIC ENERGY SOLUTIONS

## "Creating Capital" - Defined

In this real-word example...

400 kW Solar System

This company invested in commercial solar and turned their electricity bills into working capital.

Energy Offset 63% -\$220,757 Annual Electric +\$139,624 **Bill Before Annual Savings** -\$81,133 Annual Flectric Bill With Solar ALL DERVICES

+\$705,831

**Tax Credits** 

**Capital Created** Investment **Year 3.7 Pay Back** +\$915,720 Year 10 Year 20 +\$2,813,114 Year 30 +\$5,131,779 30-year IRR: 30-year NPV: 30-year ROI: 19.60% \$2,061,653 385.80% (5% discount rate)

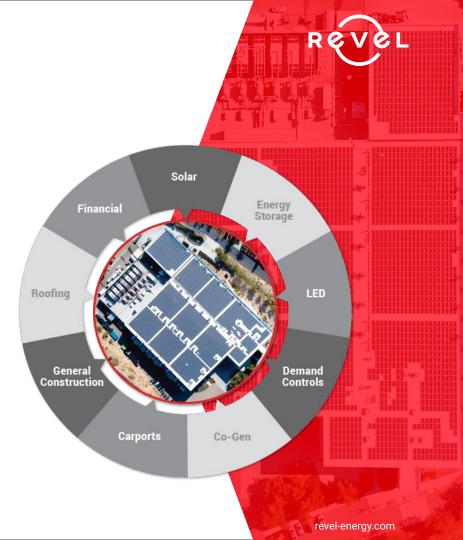
## What We Do

Revel Energy is a renewable energies developer working with Southern and Central California businesses (like yours) to **LOWER YOUR ELECTRICITY BILLS** with:

- Commercial solar
- Energy storage system
- LED lighting
- Energy resiliency
- Other technologies

### We offer a **WHOLE ENERGY SOLUTION** beyond solar. By custom designing a system for our customers we:

- Maximize return on investment
- Minimize out-of-pocket costs
- Increase cash flow



## Why Solar?



### **Cash Flow Growth**

Generating your own electricity is a reliable way to lower operating costs keeping much needed cash in your company.



### Resilience

Creating a reliant work space increases energy independence by reducing your business' reliance on the grid.

### Stewardship

Reducing your carbon emissions in an affordable way is arguably one of the biggest benefits of going solar.



## Rising Energy Costs

Historically, California businesses have experienced the highest electricity rate growth in the country.

In recent years many California businesses have seen their rates more than double.

As an aging infrastructure faces more demand and more challenges, solar can help shoulder the burden.



## Why Revel?



### Accuracy

Our Project Developers provide conservative proposals and projects that our clients can rely on.



### Lead Time

Our team of experienced Project Managers achieve an industry leading short lead time for most projects.



### **A Whole Solution**

Our team has designed commercial solar projects for almost 2 decades. We are experience in custom designing the right system for your business needs.

# REVEL

### Generating over

# \$20,000,000

### in free electricity

for our customers in the last

### 5 years alone.



#### ALAN H. LEE CEO, Revel Energy

Innovator and entrepreneur in the renewables sector, Alan H. Lee specializes in project development and financing industrial energy projects on a global scale, expanding the metrics of sustainability in the industry. Since 2006, Alan has specialized in applying renewable principals to the areas of corporate governance, strategic planning, and business development, in an ongoing effort to turn infrastructures everywhere from grey to green.

#### MARTIN BRIX VP, Solutions

A thought leader in the solar industry, Martin has over a decade of hands-on experience in renewable energy. He uses his in-depth knowledge of energy infrastructure to combine technologies in ways that pose unique capital creation opportunities for clients, accomplishing the trifecta of sustainable energy solutions: increasing capital, improving the environment, and creating a better community.

#### BRIAN WEST Dir., Project Management

Brian is a Cal State Long Beach School of Engineering, Construction Management, graduate with over 30 years of experience successfully managing commercial-scale projects. Project types range from tilt-up development to Compressed Natural Gas Stations (CNG) to multi-cell site network builds. Brian is a certified Project Management Professional (PMP) and Sic Sigma Green Belt.



## **OVER 200 MW** INSTALLED THROUGHOUT SOUTHERN **AND CENTRAL CALIFORNIA** TO



## Notable Projects

Business Type	City	Туре	System Size	Annual Production	Est Energy Offset
Vineyard	Bakersfield	Single-Axis Tracker	3.01 MW	5,690,381 kWh	100%
Dairy	Pixley	Single-Axis Tracker	769 kW	1,619,096 kWh	97.2%
Orchards	Thermal	Ag Ground-mount	891 kW	1,645,823 kWh	100%
Grower	San Marcos	Rooftop + Storage	1.065 MW	1,626,000 kWh	60%
Food Processor	Ontario	Rooftop	538 kW	779,179 kWh	17%
Regional Center	Fresno	Rooftop + Carport	443 kW	675,132 kWh	75%
Retailer	Bakersfield	Rooftop	206 kW	314,110 kWh	80%
Manufacturer	Brea	Rooftop	207.4 kW	314,500 kWh	85%
Contractor	Tustin Ro	ooftop + Carport + Storage	218 kW	375,800 kWh	99%
Business Park	Irvine	Rooftop	335.2 kW	447,315 kWh	21%
Sports Park	Ladera Ranch	Canopy	117 kW	237,056 kWh	71%
Retailer	San Deigo	Rooftop	269 kW	423,000 kWh	56%
Brewery	Anaheim	Rooftop + Carport	270 kW	385,000 kWh	N/A



### Average energy offset

61%



## EXAMPLE: Hokto Kinoko

- System Capacity: 1.065 MW
- System Size: 2,960 x 360W Monocrystalline PV Modules
- Annual Energy Generation: 1,620,000 kWh (valued at \$300k+)
- Annual Energy Consumption: 2,710,000 kWh
- Energy Storage System: 285 kW 405 kWh
- Est. Power Savings: 59.8% Energy Savings
- Est. Cash Savings: \$9.7 million (Lifespan of system)





#### TRADITIONAL BANK FINANCING



- Record low interest rates
- Almost zero out-of-pocket
- Mid-length term (approx. 15 years)
- Own the system the whole time

#### LEASE TO OWN FINANCING



- Low interest rates
- Almost zero out-of-pocket
- Short term (approx. 7 years)
- Own the system after your term

#### **POWER PURCHASE AGREEMENT**



- Zero payments
- Zero out of pocket
- Ideal for large projects (600 kW+)
- Third-party owns & maintains the system

#### COMMERCIAL PROPERTY ASSESSED CLEAN ENERGY



- Long term (20+ year)
- Off the balance sheet
- Designed for small businesses
- Almost zero collateral needed

### Cash Purchase

#### Traditional Bank Financing

Financing Options

#### Lease to Own Financing

#### PACE – (Property-Assessed Clean Energy)

 PACE is a form of long-term financing that eliminates up-front costs and allows business owners to adopt the energy system they want. It works in addition to federal and state tax incentives, and allows the building owner to own the energy system.

#### Traditional PPA (Power Purchase Agreement)

 In a power purchase agreement, a 3rd party, such as a financing company, purchases and sets up your system for you. This developer then sells you the power at a fixed, discounted rate. It's a simple, no-hassle option to enable business owners to adopt solar and lower their utility bills from month one.

### Incentives

### **Federal Tax Credit**

- Applies toward the dollar-for-dollar value of the solar system.
- Set at 26% of the unit through end of 2021.

### MACRS (Modified Accelerated Cost Recovery System)

- Both a federal and State incentive that allows purchaser to deduct the depreciation of the unit over 5.5 years.
  - Fed depreciation offers either a one-time Depreciation or a MACRS schedule over 5.5 years.
  - State offers a net depreciation over 5.5 years

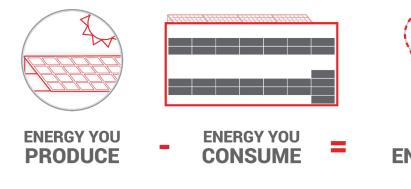
### **SGIP (Self-Generation Incentive Program)**

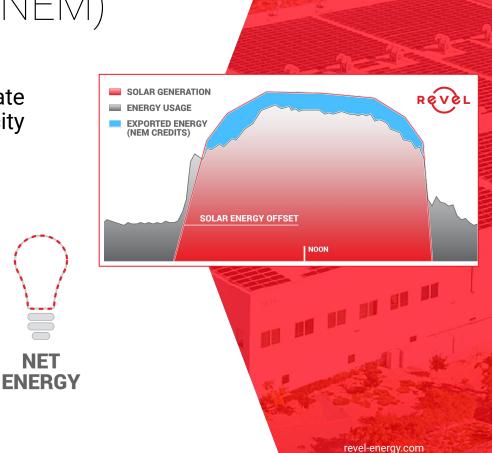
- Provides incentives to support existing, new, and emerging distributed energy resources. SGIP provides rebates for qualifying distributed energy systems installed on the customer's side of the utility meter.
  - Qualifying technologies include wind turbines, waste heat to power technologies, pressure reduction turbines, internal combustion engines, microturbines, gas turbines, fuel cells, and advanced energy storage systems.





The NEM program is used to compensate solar customers for the unused electricity their system generates.







## First Step

The first step is free, simple and zero commitment on your side.

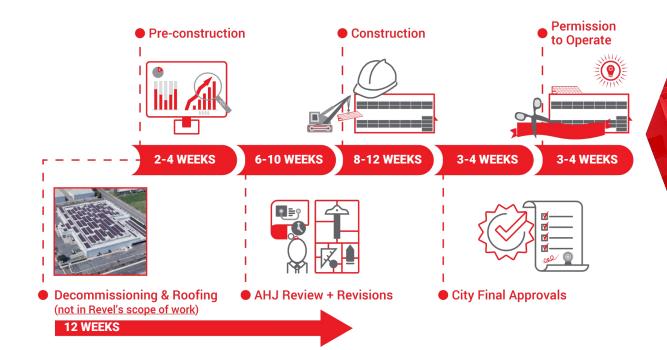
A Revel Energy developer will work with you to get get your electricity usage data.

Then we will provide you with a free proposal with information like system size, estimated savings, payback period, financing options and more.

The table to the right is a typical savings scenario in our proposals.

			A
YEAR	OLD BILL	NEW BILL	SAVINGS
1	\$394,849	\$242,323	\$152,526
2	\$406,694	\$250,378	\$156,316
3	\$418,895	\$258,698	\$160,197
4	\$431,462	\$267,293	\$164,169
5	\$444,406	\$276,170	\$168,236
6	\$457,738	\$285,339	\$172,399
7	\$471,470	\$294,810	\$176,660
8	\$485,614	\$304,592	\$181,022
9	\$500,183	\$314,696	\$185,487
10	\$515,188	\$325,132	\$190,056

## Potential Project Timeline



# REVEL

#### Application Review 10 - 25 Business Days - (4 Weeks)

10 Days - Initial Application Review 10 Days - 1st Deficiency Cure Review 5 Days - 2nd Deficiency Cure Review

#### Engineering Review 30 - 125 Business Days - (24 Weeks)

15 Days - Fast Track Initial Review 20 Days - Supplimental Review 60 Days - System Impact Study 15-30 - Draft Agreement/Cost Report

#### Design 20 - 60 Business Days \*If System Upgrades are Required

Construction 20 - 120 Business Days \*If System Upgrades are Required

Final Inspection 10 - 30 Business Days

Permission to Operate (PTO) 5 Business Days



# **THANK YOU**

Let's get started! 949-281-7171

