

# AFFI WEBINAR SUMMARY

## Reducing your GHG Emissions & Costs

### THE ALGEBRA OF NET ZERO EMISSIONS

WORK FROM THIS EQUATION →

$$\text{Your GHG Emissions} - \left( \text{Investing in Energy Management} + \text{Procure RECs \& Carbon Offsets} \right) = \text{ZERO}$$

## 1 HONE IN ON ENERGY MANAGEMENT BEST PRACTICES

Energy Efficiency  
*Use Less Energy*

- Lighting Systems
- Compressed Air
- HVAC
- Building Envelope
- Processes

Demand Management  
*Use Energy Smarter*

- Real-Time Pricing
- Peak Demand
- Building Management Systems
- Sub-Metering
- Commissioning/Retro-Commissioning

Distributed Generation  
*Create Energy*

- Solar System
- Combined Heat & Power
- Cogeneration
- Wind
- Energy Storage Systems

Supply Side Management  
*Know Your Energy*

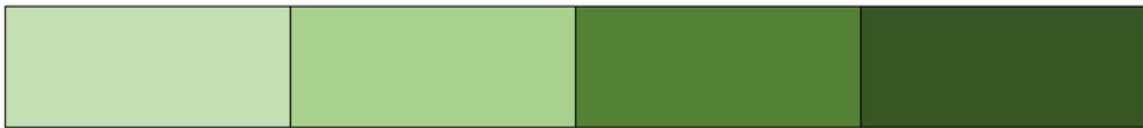
### FOUNDATIONAL

- Tracking Consumption & Cost
- Utility Bill Analysis (Rates, Errors, Costs)

- Market Exploration
- Local, State, Federal Regulations

## 2 PURSUE GREEN OPTIONS

Shades of Green....



### Renewable Energy Credits (RECs)

- Flexible
- Inexpensive
- Little Additionality

### Green Tariffs and Rates

- Available for all major facilities
- More expensive than RECs
- Little Additionality

### Virtual Power Purchase Agreements & Power Purchase Agreements

- Long Term Contracts
- Contracts for Differences
- Local Opportunity
- Total Additionality

### Onsite Generation

- Large Capital Outlay
- Heavily Regulated
- Tax Benefits
- Total Additionality

## 3 ENGAGE YOUR SUPPLY CHAIN (SCOPE 3 EMISSIONS)

There are 15 different categories of Scope 3 emissions as identified by the WRI. The [categories most relevant](#) to AFFI are likely to be Category 1, Category 4, and Category 9. To calculate, you can use this [free evaluator](#) from the GHG Protocol.