



### TURNKEY SOLAR MICROGRIDS



- PREFABRICATED AND STANDARDIZED
- 4-HOUR INSTALLATION
- NO SITE-MODIFICATIONS
- → A.I. ENERGY MANAGEMENT
- TRIPLE REDUNDANCY WITH SOLAR, BATTERY, AND COMBUSTION ENGINE
- PRIME POWER, PEAK-SHAVING, SPINNING RESERVES, AND EMERGENCY BACK-UP

### ONE QUESTION: HOW MANY BOXES?

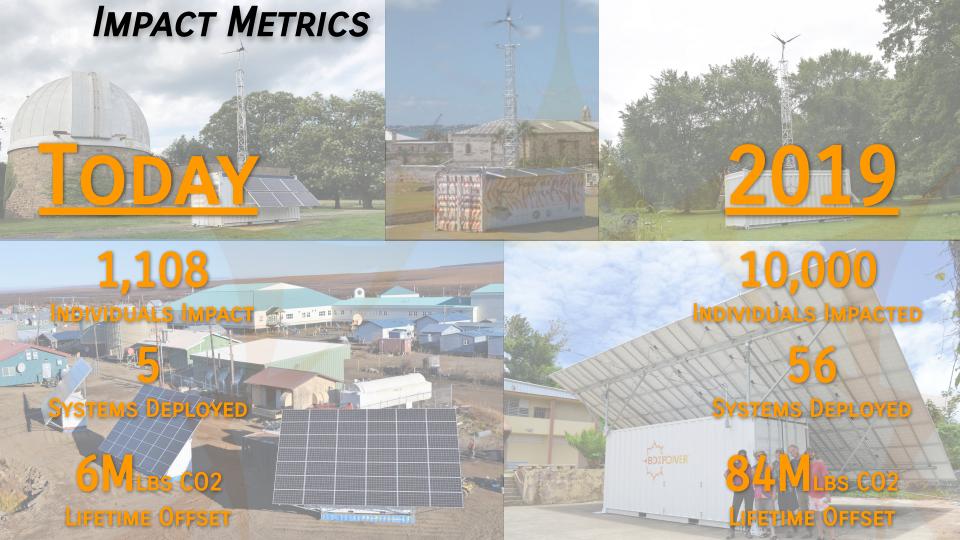
#### **FOR ENERGY CONSUMERS**

- 100% RELIABILITY
- EASY FINANCING
- RAPID INSTALLATION
- IMMEDIATE SAVINGS

#### FOR ENERGY PROVIDERS

- DISTRIBUTED GENERATION
- SCADA COMPATIBLE
- VIRTUAL POWER PLANT
- FLEXIBLE MOBILE ASSET











## UNRELIABLE GRID CASE STUDY

	GRID	BoxPower
ENERGY PRICE PER MONTH*	\$837 (VARIABLE)	\$783 (FIXED)
LOST BUSINESS PER MONTH (EX: PUERTO RICO PRIOR TO MARIA)*	\$1,600	
TOTAL COST PER MONTH	\$2,437	\$783
TOTAL COST/YEAR	\$29,244	\$9,397

## 20 YEAR SAVINGS: \$397K

\*.R. ENERGY COMMISSION PROCEEDING FOR FY 2017; AND APPA 2015 DATA., 3% INCREASE IN GRID PRICE PER YEAR.

\*\* DOE, 2006 - \$1,200/ Hour.

**ASSUMPTIONS** 

34,000 KWH/YEAR CONSUMPTION

\$80,000 LIFETIME COST(INCL. ITC) AT 10% RETURN FOR 20 YEARS





### GENERATOR CASE STUDY

	DIESEL GENERATOR	BoxPower
GENERATOR LEASE	\$1,500	\$910
FUEL FOR GENERATOR	\$1,522	\$0
MONTHLY COST	\$3,022	\$910
ANNUAL COST	\$36,264	\$10,920

## 20 YEAR SAVINGS: \$507K

ASSUMPTIONS:

20kW GENERATOR

\$4.50/ GALLON OF DIESEL

\$107,000 LIFETIME COST(INCL. ITC) AT 10% RETURN FOR 20 YEARS



### MEET THE TEAM



MICHELE NESBIT MECH. ENGINEER 10 YRS SOLAR DESIGN/MANAGEMENT UC BERKELEY



FINANCE/PARTNERS BANK OF AMERICA RSF Social Finance SANTA CLARA UNIVERSITY



**ANGELO CAMPUS FOUNDER** AWARD WINNING ENTREPRENEUR, **ENGINEERING/ANTHROPOLOG** 



Dr. Jay Hasty PUERTO RICO SALES 11 YRS RENEWABLE **ENERGY START UPS** MANAGEMENT & ENGINEERING



JIM CRAWFORD **PRODUCTION** 35 YRS INDUSTRIAL FAB.



TREVOR WOESSNER **ELECTRONICS** 10 YRS RENEWABLES



**PRODUCTION** 35 YRS GENERAL & SOLAR CONTRACTOR



**RANDY HART** SALES & MARKETING PLANETARY POWER UNITED RENTALS **EMBRY RIDDLE** 

# OUR PARTNERS AND INVESTORS























+\$750,000 raised to date



