

#### Solar Incentives



USDA Rural Energy for America Program (REAP)

Commercial Clean Energy Rebate

Tax Incentives

Solar Renewable Energy Credits (SREC)

**Controlling Utility Overhead** 

# USDA REAP



50% of solar system
cost up to
\$1,000,000.00
(excluding residential usage)

Deadlines June 30<sup>th</sup>, September 30<sup>th</sup>, December 31<sup>st</sup>, March 31<sup>st</sup>.

**Competitive Grant** 

### Commercial Clean Energy Rebate











Ground Mounted must be under 250 KW

Grant Max of \$20,000

Roof Mounted must be under 375 KW

Grant Max of \$30,000

#### Tax Incentives



30% Federal Tax Credit

Depreciation

Property Tax Exempt

### Solar Renewable Energy Credits (SREC)



1 SREC per 1000kWh produced Price varies current market rate for Maryland is \$60 per SREC

Expected to have a market for 25+ years

## Controlling Utility Overhead







Aggregate Net Metering

1 to 1 credit for kWh charges



#### Two Chicken Houses Year 1



100+/	′- KW	solar	system
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REAP Grant with residential portion removed

MD Grant

Federal Tax Credit

Depreciation \$40,667 over 6 years

SREC's \$38,955 over 10 years

Energy savings

Total project cost after 1 year

\$265,800

\$117,085

\$ 15,064

\$ 79,740

\$ 8,133 year 1

\$ 6,395 year 1

\$ 18,997 year 1

\$ 20,386



### Eight Chicken Houses Year 1



432+/- KW solar system

**REAP Grant** 

MD Grant

Federal Tax Credit

Depreciation \$194,544 over 6 years

SREC's \$166,843 over 10 years

Energy savings Solar does not cover KW charges

Total project cost after 1 year

\$915,500

\$457,750

\$ 0

\$274,650

\$ 38,909 year 1

\$ 25,770 year 1

\$107,002 year 1

\$ 11,419