

# Solar System Investment Summary



## Client Information

Bruce Buzalski  
39 Simpkins Ln  
Pemberton Boro, NJ 08068

## Energy Consultant

Gene Kingman  
917.439.7795  
gkingman@geopeakenergy.com

## System Information

Panel Manufacturer	SunPower
Panel Wattage (DC)	240 W
Number of Panels	40
System Size (DC)	9.600 kW
Production (kWh)	10,290

## Capital Investment Breakdown

System Cost	\$ 51,360
30% Federal Tax Credit	\$ 15,408
Net Cost	\$ 35,952
Payback Period	6.6 Years
IRR	17.1%

## Environmental Benefits

Pounds of CO2 Removed	14,760
Tons of Waste Recycled	1.57
Miles Not Driven	13,428
Ten Year Old Trees Planted	119

## Capital Investment Financial Analysis

	Electricity Savings	SREC Income	Total Income
Monthly	\$ 154	\$ 172	\$ 326
First Year	\$ 1,852	\$ 2,058	\$ 3,910
5 Years	\$ 10,130	\$ 15,258	\$ 25,388
10 Years	\$ 22,738	\$ 34,074	\$ 56,812
15 Years	\$ 38,431	\$ 50,037	\$ 88,468
20 Years	\$ 57,963	\$ 50,037	\$ 108,000
25 Years	\$ 82,274	\$ 50,037	\$ 132,311

## Solar Loan

5 Year Monthly Payment	\$ 682
10 Year Monthly Payment	\$ 408
15 Year Monthly Payment	\$ 328
20 Year Monthly Payment	\$ 300

## Standard Solar Lease\*

First Year Monthly Payment	\$ 225
Lease Escalator	0.0%

## Pre-Paid Solar Lease\*

Monthly Payment	\$
Up-Front Payment	\$ 22,531

\*Solar Standard and Prepaid Lease has a 20 year term period.

\*Lease & Loan payment amount is only a estimate and is subjected to change depending on the clients credit history.

SREC value assumed at Current Market Value of \$200.00, increasing to \$400.00 by year 6, followed by a decline of 2.75% annually

Electricity production estimates may change pending final site survey.

Electricity Rates assumed with 5% annual inflation.

Electricity Production estimates decline 0.05% annually

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## Prepaid Lease Cash Flow Analysis

Year:	1	2	3	4	5
Installation Cost	\$ (51,360)				
SunPower Prepaid Lease Savings	\$ 28,829				
SREC Income	\$ 2,058	\$ 2,560	\$ 3,057	\$ 3,548	\$ 4,035
Electricity Savings	\$ 1,852	\$ 1,936	\$ 2,022	\$ 2,113	\$ 2,207
Annual Cash Flow	\$ (18,620)	\$ 4,496	\$ 5,079	\$ 5,661	\$ 6,242
<b>Cumulative Cash Flow</b>	<b>\$ (18,620)</b>	<b>\$ (14,124)</b>	<b>\$ (9,045)</b>	<b>\$ (3,384)</b>	<b>\$ 2,858</b>
Estimated SREC Value*	\$200.00	\$250.00	\$300.00	\$350.00	\$400.00

  

Year:	6	7	8	9	10
SREC Income	\$ 4,015	\$ 3,885	\$ 3,759	\$ 3,637	\$ 3,520
Electricity Savings	\$ 2,306	\$ 2,409	\$ 2,517	\$ 2,629	\$ 2,747
Annual Cash Flow	\$ 6,321	\$ 6,294	\$ 6,276	\$ 6,266	\$ 6,267
<b>Cumulative Cash Flow</b>	<b>\$ 9,179</b>	<b>\$ 15,473</b>	<b>\$ 21,749</b>	<b>\$ 28,015</b>	<b>\$ 34,282</b>
Estimated SREC Value*	\$400.00	\$389.00	\$378.30	\$367.90	\$367.90

  

Year:	11	12	13	14	15
SREC Income	\$ 3,406	\$ 3,296	\$ 3,189	\$ 3,086	\$ 2,986
Electricity Savings	\$ 2,870	\$ 2,998	\$ 3,133	\$ 3,273	\$ 3,419
Annual Cash Flow	\$ 6,276	\$ 6,294	\$ 6,322	\$ 6,359	\$ 6,405
<b>Cumulative Cash Flow</b>	<b>\$ 40,558</b>	<b>\$ 46,852</b>	<b>\$ 53,174</b>	<b>\$ 59,533</b>	<b>\$ 65,938</b>
Estimated SREC Value*	\$347.94	\$338.37	\$329.07	\$320.02	\$311.22

  

Year:	16	17	18	19	20
Electricity Savings	\$ 3,572	\$ 3,732	\$ 3,899	\$ 4,073	\$ 4,256
Annual Cash Flow	\$ 3,572	\$ 3,732	\$ 3,899	\$ 4,073	\$ 4,256
<b>Cumulative Cash Flow</b>	<b>\$ 69,510</b>	<b>\$ 73,242</b>	<b>\$ 77,141</b>	<b>\$ 81,214</b>	<b>\$ 85,470</b>

  

Year:	21	22	23	24	25
Electricity Savings	\$ 4,446	\$ 4,645	\$ 4,853	\$ 5,070	\$ 5,297
Annual Cash Flow	\$ 4,446	\$ 4,645	\$ 4,853	\$ 5,070	\$ 5,297
<b>Cumulative Cash Flow</b>	<b>\$ 89,916</b>	<b>\$ 94,561</b>	<b>\$ 99,414</b>	<b>\$ 104,484</b>	<b>\$ 109,781</b>

*SREC value assumed at Current Market Value of \$200.00, increasing to \$400.00 by year 6, followed by a decline of 2.75% annually*

*Electricity production estimates may change pending final site survey.*

*Electricity Rates assumed with 5% annual inflation.*

*Electricity Production estimates decline 0.05% annually*

### GeoPeak Energy

285 Davidson Ave  
Somerset, NJ 08873

888-526-4478  
GeoPeakEnergy.com



System Pricing Details

Contract Price	\$	51,360.00
Prepaid Lease Up Front Payment	\$	22,530.69
Standard Lease Monthly Payment	\$	224.57

Reference Sunpower SolarProgram I, LLC Lease Documents, No Payments are owed to GeoPeak Energy, LLC

Project Details

\*Lease & Loan payment amount is only a estimate and is subjected to change depending on the clients credit history.

**Time for Completion:**

The work to be performed by Contractor pursuant to this Agreement shall be commenced within 90 days from this date and shall be substantially completed within 180 days.

**SunPower Lease Program:**

The Customer authorizes GeoPeak Energy to commence the process for the NJ state SRP application, local utility interconnection application and township permit application. The Contract Net Cost shall be provided to the SunPower Lease program for approval and funding. All payments will be made to SunPower Lease Program and no money is owed to GeoPeak Energy.

Acceptance

This Customer has accepted the terms above and shall receive the SunPower lease program documents within 3 business days for review and execution. The customer has the option to cancel this agreement within 3 business days from the above date. This document shall become part of the Agreement for Supply and Installation of a Renewable Energy Power System. Installer cannot guarantee Federal / State Rebates and Incentives that are subject to reduction or change.

Energy Consultant Name:

Energy Consultant Signature:

Date:

Customer Name:

*Bruce Bugalski*

Customer Signature:

Date: