Town of Hinesburg & AllEarth Renewables

A Local Clean Energy Partnership

allEarth RENEWABLES

Why Are We Here?

To provide the Town with ownership in its energy future, financial savings, and continued greenhouse gas emissions reductions.

Gugulethu Township, Western Cape, South Africa

The Solar Site

- Installed in 2010 via a power purchase agreement “PPA”

- 31 AllEarth Solar Trackers

Solar Production

- Average Production = **237,000** kWh / year
- Average Solar Energy Credits ($) = **$49,000** / year
- Offsets the *majority* of the Town's office and a *large* portion of the waste water plant's usage.

Where do we go?
November 23rd, 2016

Option A:
Solar Purchase via AllEarth Loan

Energy Independence for the Town within 10-years.

- **$311,936** = 2016 Purchase Price
- **10**-year Term
- **5%** Fixed Interest Rate
- **$40,397 =** Loan Payment + Interest Payments

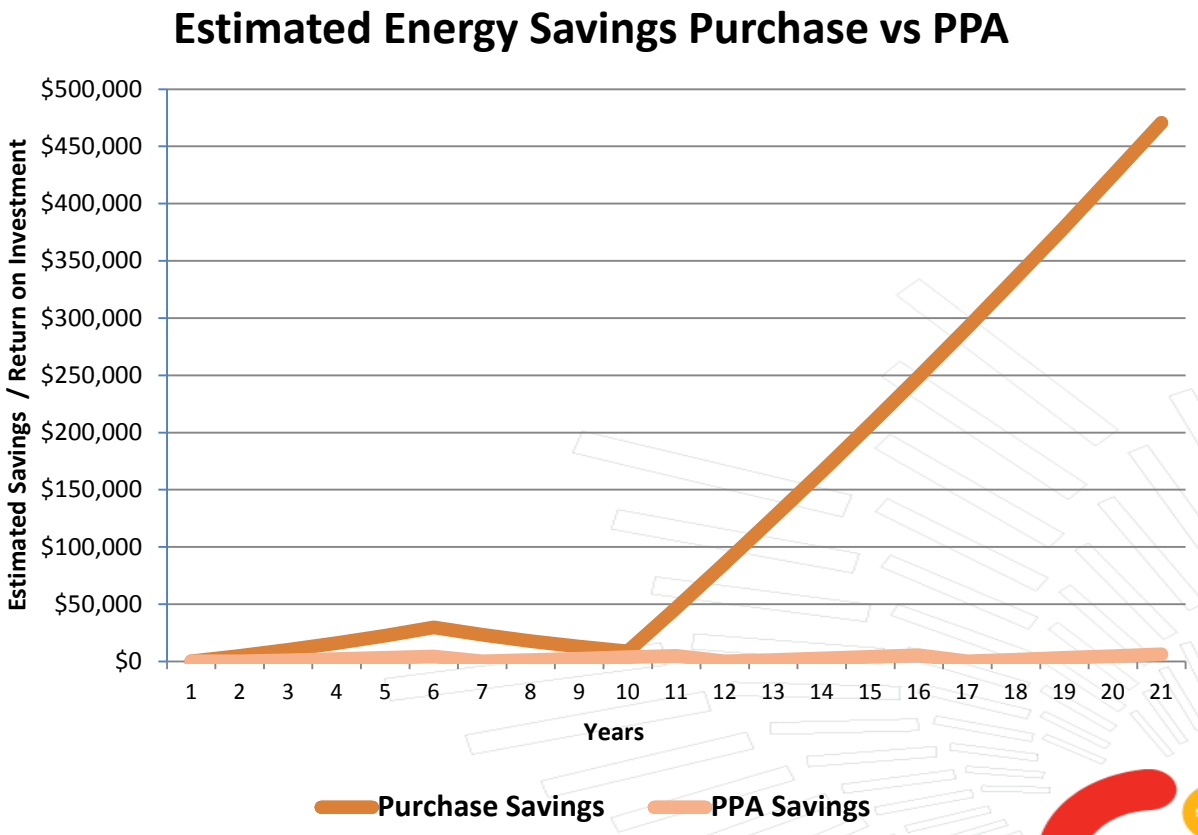
Option B:
PPA Renewal

Town maintains commitment to renewable energy.

- Continue with monthly PPA payments for the next **5**-years.
- Forfeit **$1,000** deposit
- **$43,194** estimated annual PPA payments over next 10-years.
- AllEarth continues to own the system.

Option A:
Solar Purchase Via AllEarth Loan

AllEarth Loan Purchase Option	($$)
10-Year Est. Solar Production (Revenue)	$455,915
10-Year Loan Payments	-$403,971
10-Year Est. O&M & Service Costs	-$33,809
10-Year Total Est. Earnings	***$18,135***



Option A:
Risk vs. Reward

Risks

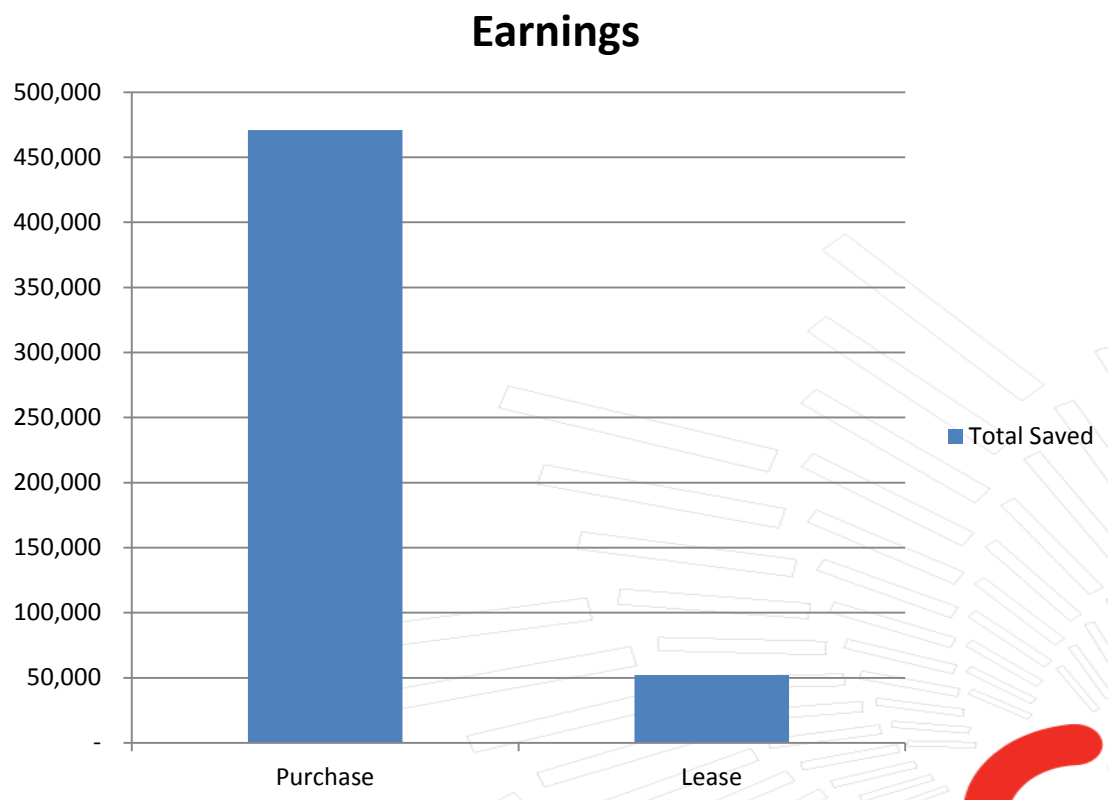
1. Large capital investment for the Town.
2. More favorable interest rates at other financial institutions.
3. Net metering uncertainty (low)
4. Trackers

Rewards

1. Greater financial return over the next 10-years.
2. Path towards solar ownership.
3. Large cost saving measure for Town's energy usage.
4. Working with local manufacturer
5. High earnings for the Town with little down payments.
6. Clean energy

Option B:
Continuation of PPA

AllEarth PPA Continuation	($$)
10-Year Est. Solar Production (Revenue)	$455,915
10-Year PPA Payments	-$431,944
10-Year Est. O&M & Service Costs	$0.00
10-Year Total Est. Savings	***$23,971***



Option B:
Risk vs. Reward

Risks

1. No ownership in system.
2. Savings subject to electricity inflation.
3. Negatively impacted by possibility of electricity deflation.
4. Renting vs. owning

Rewards

1. No ownership commitment
2. No O&M contract worry.
3. Limited engagement with project.

Further Questions?

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allEarth SOLAR