

VISION RIDGE PARTNERS

2015 Sustainable Asset Fund (SAF) Environmental Impact Assessment

Solar (CleanFocus)

- Installed 28 MW of solar PV in Florida, California, and Massachusetts
- Generated 38,119 MWh of clean electricity, enough to power 3,300 households

CO₂e reduction to date: 35,000 tons
Lifetime CO₂e reduction: 424,000 tons

Transportation (Vision Fleet)

- Deployed 212 PHEVs in the Indianapolis municipal fleet and 10 EVs in the high-utilization Evercar program in LA, which together drove a total of 1.1 million electric miles

CO₂e reduction to date: 900 tons
Lifetime CO₂e reduction: 5,700 tons

Energy Efficiency (Sparkfund)

- Financed 85 energy efficiency projects in commercial and industrial buildings
- Combined, these projects generated almost 39,000 MWh of energy savings, or 'negawatts'

CO₂e reduction to date: 32,000 tons
Lifetime CO₂e reduction: 329,000 tons

Anaerobic Digestion (Vanguard)

- Acquired two 0.8 MW digesters in Massachusetts
- Generated 6,104 MWh of clean energy by consuming 32,500 tons of organic waste and 18,000 tons of manure

CO₂e reduction to date: 48,000 tons
Lifetime CO₂e reduction: 481,000 tons

Agriculture (Sun World, Tule Fog Farm)

- Cultivated 4,819 acres using best-practice sustainability measures, including:
 - On-site solar PV and energy efficiency installations to reduce energy consumption
 - State-of-the-art drip irrigation technology using water from sustainably managed sources
 - Participation in experimental groundwater recharge programs in partnership with local water district

Water (Homer)

- Permanently recharged 5,400 acre-feet of water to local groundwater reserves
- Supplied 43,000 acre-feet of water to surrounding agricultural land for sustainable irrigation
- Priced water to balance supply and demand, thereby promoting the smart use of a scarce resource: minimizing waste and maximizing value

Methodology

- **Solar:** MWh generated * average CO₂e emissions from existing local generation capacity
- **Transportation:** Electric vehicle miles driven * average CO₂e emissions per internal combustion engine mile driven
- **Energy efficiency:** Estimated by Sparkfund on a per-project basis using a baseline energy consumption projection
- **Anaerobic Digestion:** CO₂e emissions reduction from avoided generation + CO₂e emissions reduction from avoided waste decomposition

Looking Forward

A number of our investments have not yet reached the stage where we can measure their impact. However, in the future we expect to see further greenhouse gas reductions from our investments in:

- Expanding the number of EVs driving with Evercar in LA
- Acquiring 2 additional digesters in New England with Vanguard
- Continuing to finance commercial and industrial scale energy efficiency upgrades with Sparkfund
- Developing an advanced micro-grid in upstate New York through Recycled Energy Development
- Developing a 160 MW portfolio of utility-scale solar PV projects in Japan with GSSG Solar

For further information, contact Jules Kortenhorst at jules@vision-ridge.com

1011 Walnut Street, Suite 200 Boulder CO 80302