

SOLAR FARMING

Environmental Savings Impact



Equivalent Trees
625

Coal Reduction (lbs) 47,489
Annual Miles Driven (23mph) 56,549.8

Gallons of Gas
2,458.69

In November 2016 The Groom Room invested in solar farming to reduce electric costs and help the environment. The money saved on cost of the electricity will go toward maintaining, improving and enhancing The Groom Room. This is our commitment for the advancement of quality dog care.

Interesting facts about the system:

- Manufactured from 72 Trina 315 watt ground-mounted Solar PV panels which create 22.68kW. Solar system faces south, and sits in a productive alfalfa field. This system produces 31,243kWh annually, covering 103% of annual electricity usage.
- The electric savings are estimated to be \$179,000.00 in 25 years. Estimated property appreciation \$80,000.
- Excess electricity produced that The Groom Room does not need will be sold to the electric company, Wild Rice Electric.
- The day the system was hooked up to the grid, the cost of electricity was locked in for both the electric company and The Groom Room, at \$3.00 per watt.
- The Solar monitoring system tracks electricity production, and can be viewed on an owner's iPhone or computer.
- By taking advantage of net marketing (selling electricity back to the grid), the 30% Federal tax credit and depreciation it is estimated the system pays for itself in 6.5 years, and the solar system price out of pocket after incentives will be less than the cost of a new pickup or luxury car.
- The ground mounted system is cheaper to install and easier to maintain than a roof mounted system. Most snow melts off the panels.

[What is Solar Energy?](#)

[7 Unbelievable Solar Powered Creations](#)

[What Cloudy Days Mean for Solar Production](#)

[Global Warming the Signs and the Science](#)

[Solar as a Retirement Strategy](#)

[Pipeline Spills video](#)

[Great way to make some cash](#)

- Existing home owners insurance covered the Solar system.

[Anheuser-Busch Commits to a 100% Renewable Electricity Future](#)

General Solar Facts:

- The cost of Solar installment has dropped in the last 25 years, making it more affordable for homeowners and small business owners.
- Solar technology has improved, and it is the fastest growing energy source in the world. We are in the era named "The Solar Revolution"
- Companies are investing in Solar with leaders being Walmart, Costco, Apple and IKEA.
- Solar is cheaper for communities to invest in then coal.
- Solar produces electricity on cloudy days, as panels get direct sunlight plus light refracted (bounced back light) from the clouds.
- Solar systems increase the equity value of property.

Solar Power as a Retirement Strategy:

- Solar systems can reduce or even eliminate electric bills.
- Protect yourself from future predictable electricity price increases.
- Home buyers are willing to pay more for property with a Solar system.
- Benefits of Solar come from monthly savings rather than income, and are not taxable
- No IRS distribution requirements

