

Possible Savings with Photovoltaic Systems

5 kilowatt system

5.5 peak sun hours per day average in Virgin Islands

.7 efficiency (.6 If it is a battery system)

Formula $5.5 * 5000 *.7$

Produces 19.250 kWh a day

50 cent WAPA charge per kilowatt hour

\$9.63 savings per day

\$3,514 savings per year

1 kilowatt system

5.5 peak sun hours per day average in Virgin Islands

.7 efficiency

Produces 3.85 kWh a day

50 cent WAPA charge per kilowatt hour

\$1.925 savings per day

\$702.63 savings per year

Figures may be slightly less due to high panel temperature. Any shading of the panels will also greatly affect output.

The Virgin Island Energy Office

Telephone 773.1082 www.vienergy.org

You have the Power

*Work for a clean and secure
future for our children*



