

Wilderness Aware Renewable Energy

Wind Generator - Skystream 3.7

Manufacturer

Southwest Windpower

928-779-9463

www.skystreamenergy.com email...

info@windenergy.com

Local Dealer

Headwaters Energy – Buena Vista

Chris Martin

719-395-9255

www.headwatersenergy.com email

energy@bresnan.net

Specs

Begins producing power in an 8 mph breeze with full output at 20 mph . It has a 33 ½ foot pole. The sound pressure level is in the range of 40-50 decibels.

It is rated at 2.4 kW and is a down-wind (wind hits the blades on the downwind side of the tower) direct drive (gearless or no transmission) permanent magnet wind generator. The 12 ft diameter rotor can produce approximately 400 kWh per month in a steady 12 mph wind. Price includes built in generator, and inverter. Operation controls are at the base of the pole.

Solar Panels – SunPower 210

Manufacturer

Sunpower

1-800-786-7693

www.sunpowercorp.com

Local Dealer

Peak Soar Designs - Salida

Tim Klco

(719) 539-6918

www.peaksolardesigns.com

klco@hughes.net

Specs

Each pole has a total maximum output of 2100 watts. Each pole holds ten SunPower 210 modules. Each of the ten modules generates 210 watts and contain 72 SunPower solar cells. We installed the second solar array on March 13, 2009.

Solar Panels – Rec 260

Manufacturer

Rec

844-732-7652

<http://www.recsolar.com>

Local Dealer

Colorado Solar Energy

Ted Palpant

(719) 395-0191

<http://www.coloradosolarenergy.net>

ColoradoSolarEnergy@wildblue.net

Specs

48 panels on a fixed ground mount with a total of 12,480 watts. Each of the 48 panels generates 260 watts