

Renewable Energy Agricultural Applications

Nexus Solar Corporation provides customized energy solutions for industrial, commercial, institutional, residential, and agricultural buildings. At Nexus Solar, we help you harness free, ambient energy (like sun, wind and water) to a) reduce your dependence on fuel-burning, utilities, b) supply remote sites with power capacity, and c) cut operational costs. Many of our systems are eligible for 25% capitalization cost grants from the federal and several provincial governments. Contact us for more details.

Visit our website or call direct for information on consulting procedures, products and funding options.

Power systems

Nexus Solar offers a variety of pre-engineered solar and wind systems designed with remote power needs in mind. Systems are specified after reviewing the customer's intended location, load profiles and other considerations. Packages are then assembled and shipped for installation.



The systems feature:

- weatherproof battery and equipment enclosure(s)
- solar array (matched to load) and support
- battery bank (sized to reserve requirements)
- engineering drawings and documentation
- CSA certification is available.

Solar Lighting

Power your barns and grounds with high efficiency LED lighting. Portable and bright enough for calving or whatever.

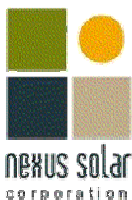
Solar Electric Fencers

Solar Electric Fencers are ideal for anyone in need of a cheap and safe way to keep livestock on their land. The systems are robust, lightweight and – most importantly – weatherproof and easy to install!

We offer a number of units:

Capacity: 15 to 75 miles

Voltage Output: 5,800 to 8,200 V



Call: 306-373-5960

forinfo@nexussolar.com

www.nexussolar.com



Solar Ventilation

Some example of solar ventilation air heating systems include chicken fertilizer drying, and hog barn air heating.

Resembling traditional cladding, the system uses the sun to preheat air and reduce ventilation and space heating loads for your building. Typical payback is 0 – 6 years for new and retrofit buildings.



Solar Winter Watering System

The Solar Winter Watering system is the perfect solution for watering cattle in the winter. Our winter water bowls are controlled by a motion detection switch that will turn on when the animals approach for water and turn off when there is no motion detected. To prevent freezing, the water drains back to the source below the frost line.

Solar Water Pumping

Solar Water Pumping systems have great selections of capacity ranges.

Lift: 15 to 400 feet

Transfer Distance: 0.1 to 2 miles

Volume: 1,000 to 36,000 gal/day

Cow/Calf Pairs: 1 to 500

Solar Aeration

We supply a number of turnkey solar- and AC-powered aeration system for dugouts, ponds, lagoons, lakes, reservoirs, etc. Our systems use very efficient compressors with low power requirements, and are guaranteed to improve water quality. Visit or call us at 306-373-5960.