

4 kw Grid-Tie *with battery back-up*



Owners: Dr. Chris and Dr. Nancy Garwah, Dawson Creek, BC

Description: a 4-kilowatt grid-tie array feeds power to the building and into the grid, while keep a battery bank charged as back-up power should the grid go down. The maintenance-free lead-acid battery bank will allow the chiropractic office to say open and operating for the better part of a day with no power input, powering computers, lights, furnace fan and diagnostic equipment. Meanwhile, the system pays for itself by feeding power into the grid and reducing electrical bills.

“Smart” solar panels were chosen to reduce power loss from the shading of nearby trees. A Tigo internet-base remote monitoring system gives Chris and Nancy instant access to system performance in real-time from anywhere in the world, and tracks power output over the long term.

INCLUDED in this custom grid-tie package:

- System design and equipment by Peace Energy Co-op
- (16) 250 watt Smart solar modules
- 4 kilowatt grid-tie inverter
- Unirac roof mounting system
- Tigo remote monitoring system
- Maintenance-free battery backup power supply
- Installation by Moch Electric Ltd., Dawson Creek
- System performance follow-up and monitoring



Maintenance-free battery backup power supply.

“Our patients get better, more reliable service, our carbon footprint is greatly reduced, and the system pays for itself. A real win-win for everybody!”

Chris Garwah



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For more information about your solar power needs, please call Peace Energy Co-op.

We love to talk solar!
Call today!