

Foundation for the Children of Haiti – Hope Hospital Solar Power Project

- Haiti's public electric power system is extremely unreliable, to the point that Hope Hospital was almost 100% reliant on generators, which are a very costly alternative.
- Due to the overuse of the generators, they were often out of service, and one had to be replaced in early 2020 at a cost of \$75,000 US. In addition, diesel fuel is extremely expensive and frequently unavailable.
- The situation became so desperate that in September 2020 Hope Hospital was forced to begin a transition to solar power.
- ***Work has progressed well, and in early February the new solar system was operational and now provides 70% of the hospital's total power requirements.***
- ***Thanks to the generosity of our friends in Canada, FCH was able to proceed quickly with this project, as over 80% of the cost has been covered by your donations.***



Solar panels on the roof of Hope Hospital

The Canadian Foundation for the Children of Haiti

www.cfchcanada.ca

6093 – 145A St, Surrey, B.C. V3S 4R6

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Dialysis patient at Hope Hospital

- Hope Hospital is a complex healthcare provider, offering a wide range of medical services. As with hospitals in Canada, every area of Hope Hospital is dependent on electricity.
- Hope Hospital is one of the few facilities in Haiti that offers dialysis treatments. Maintaining the provision of this life-sustaining procedure was one of the main reasons the Foundation decided to proceed with the solar system.
- In addition, the hospital's two operating rooms, post-operative recovery ward, and neonatal intensive care unit make a reliable 24-7 power supply essential.



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Panels and transformers for the solar system

- The solar system provides power to all key areas of the hospital, greatly reducing the reliance on generators.
- The only significant piece the new system can't handle is the X-ray machine.
- Every time the X-ray machine is used the generator has to be turned on.
- To reduce the amount of time the generator is required, hospital staff schedule X-rays at a set time and run all the patients through one after the other in a short period.



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- Thanks to our many friends who paid for a solar panel for the new system.
- There are 168 panels on the roof of the hospital, each one costing \$195 US (or about \$270 Canadian).
- For those of us not familiar with solar power systems, there are a LOT of other (quite expensive!) components involved in the system.
- In fact, the panels represent less than 15% of the cost of an “industrial-strength” system like the one required by a complex facility like Hope Hospital.
- ***Despite the cost, thanks to your amazing generosity, 85% of the total cost of the system has been funded.***
- ***If you’d still like to help us, we’d be grateful to have this amazing system – for one of the best medical facilities in Haiti – fully paid for by the end of the year.***
- ***Thanks for helping us make a difference in Haiti !***

