

Education and Community Power: Long Lake PS area Residents supporting our school

THE ONTARIO TRILLIUM FOUNDATION





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Ontario Sustainable Energy Association











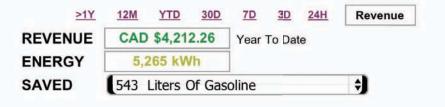


Sudbury Hydro - St. Andrews United Church, Coniston, ON





ENERGY (Year To Date) 800 Energy (kWh) 600 526.6 400 200 Mar 2010 A012010 May 2010 Jun 2010 3412010 AUG 2010





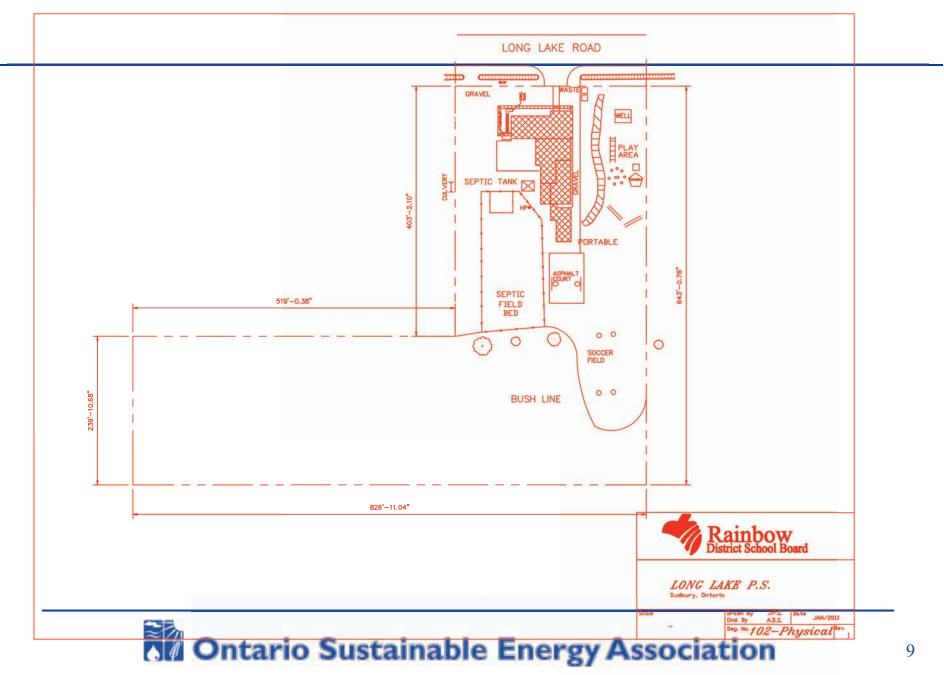
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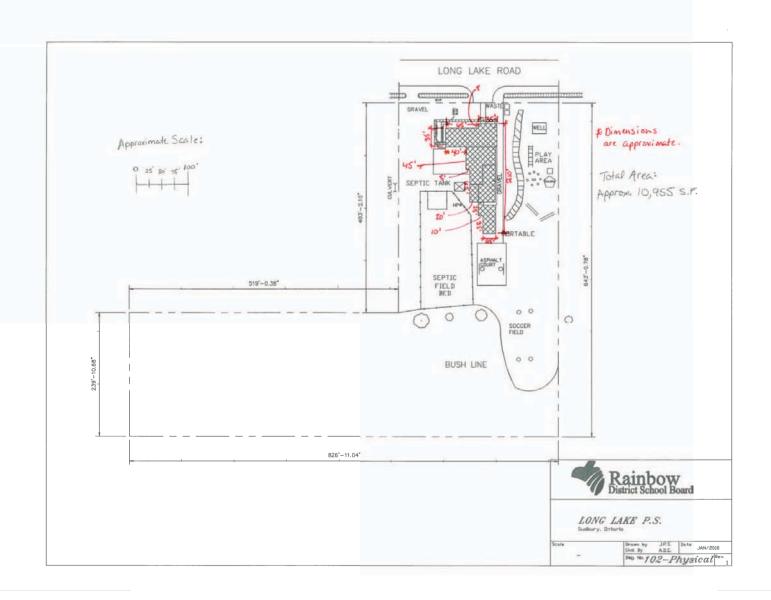


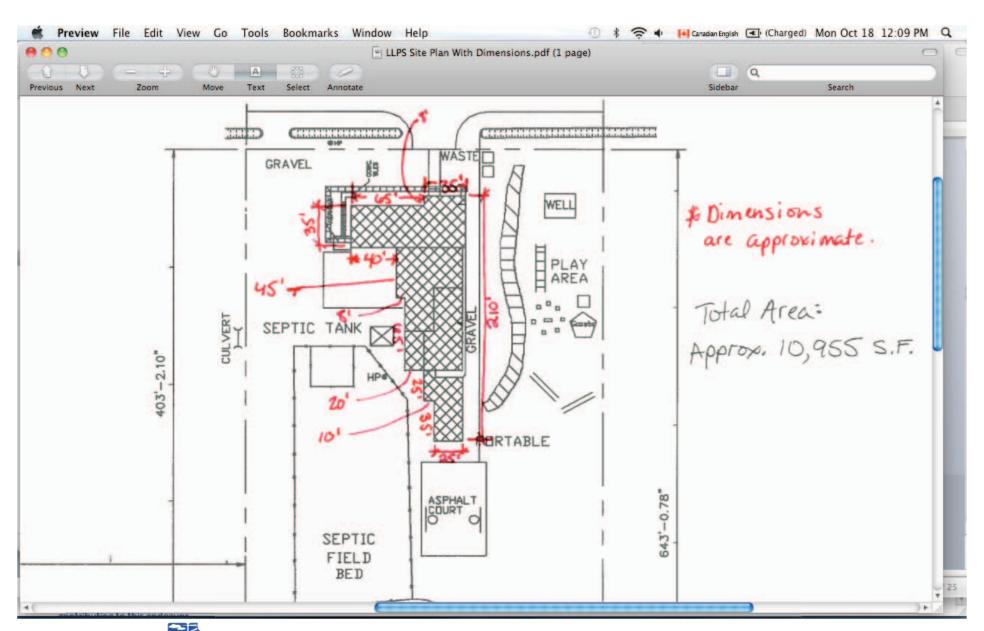




Renewable Fuel	Size tranches	Contract Price ¢/kWh	Escalation Percentage ⁴	
Biomass ^{1,2}				
	≤ 10 MW	13.8	20%	
	> 10 MW	13.0	20%	
Biogas ^{1,2}				
On-Farm	≤ 100 kW	19.5	20%	
On-Farm	> 100 kW ≤ 250 kW	18.5	20%	
Biogas	≤ 500 kW	16.0	20%	
Biogas	>500 kW ≤ 10 MW	14.7	20%	
Biogas	> 10 MW	10.4	20%	
Waterpower ^{1,2,3}				
	≤ 10 MW	13.1	20%	
	> 10 MW ≤ 50 MW	12.2	20%	
Landfill gas ^{1,2}				
	≤ 10MW	11.1	20%	
	> 10 MW	10.3	20%	
Solar PV				
Any type	≤10 kW	80.2	0%	
Rooftop	> 10 ≤ 250 kW	71.3	0%	
Rooftop	> 250 ≤ 500 kW	63.5	0%	
Rooftop	> 500 kW	53.9	0%	
Ground Mounted ²	≤ 10 MW	44.3	0%	
Wind ²				
Onshore	Any size	13.5	20%	
Offshore	Any size	19.0	20%	









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To see all the details that are visible on the screen, use the "Print" link next to the map.

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The **RETScreen Clean Energy Project Analysis Software** is a unique decision support tool developed with the contribution of numerous experts from government, industry, and academia. The software, provided free-of-charge, can be used worldwide to evaluate the energy production and savings, costs, emission reductions, financial viability and risk for various types of Renewable-energy and Energy-efficient Technologies (RETs). The software (available in multiple languages) also includes product, project, hydrology and climate databases, a detailed user manual, and a case study based college/university-level training course, including an engineering e-textbook.

Click here to download RETScreen 4 (44 MB).

Software & Data Requirements: Microsoft® Excel 2000 or higher; Microsoft® Windows 2000 or higher; and Microsoft .NET Framework 2.0 or higher. Please make sure that the latest updates from Microsoft (www.microsoft.com), for Windows and Excel are installed on your computer.

Webcasts

RETScreen video (2:02 minutes)

RETScreen - Introduction (33:23 minutes)

RETScreen - Energy Efficiency (27:16 minutes)

RETScreen - Heating / Cooling (69:53 minutes)

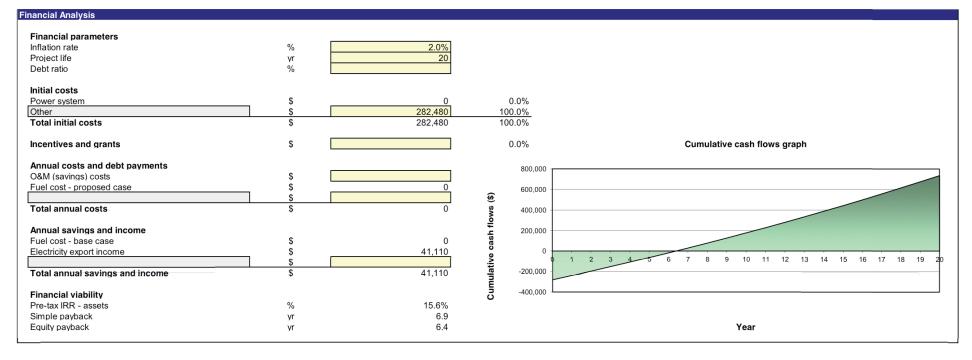
RETScreen - Power (53:04 minutes)

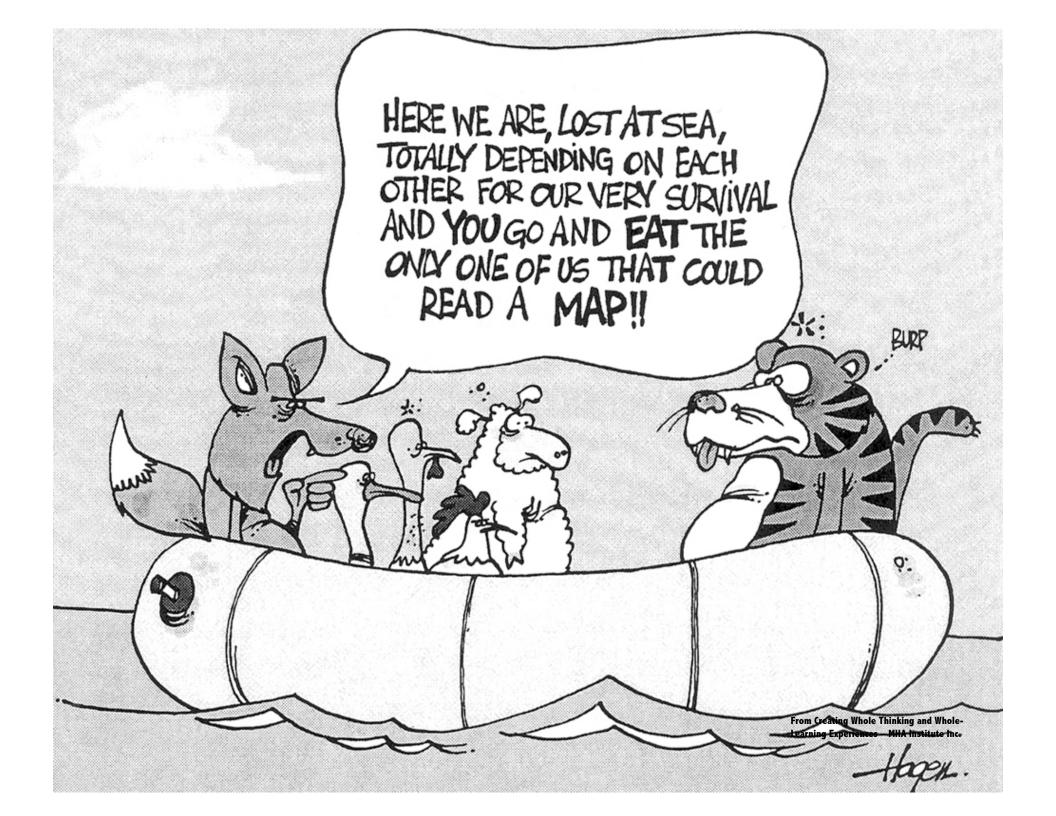
RETScreen - Combined Heat & Power (23:59 minutes)

Date Modified: 2010-09-24



Base case electricity system (Baseline)		GHG emission factor (excl. T&D)	T&D losses	GHG emission factor	_
Country - region	Fuel type	tCO2/MWh	%	tCO2/MWh	
Canada	All types			0.000	
Electricity exported to grid	MWh	58	T&D losses		
					_
GHG emission					
Base case	tCO2	0.0			
Proposed case	tCO2	0.0			
Gross annual GHG emission reduction	tCO2	0.0			
GHG credits transaction fee	%				
Net annual GHG emission reduction	tCO2	0.0	is equivalent to	0.0	Cars & light trucks not used
GHG reduction income					
GHG reduction credit rate	\$/tCO2				





Community Power Price Bonus

Renewable Fuel	Wind	PV (Ground Mounted)	Water	Biogas	Biomass	Landfill Gas
Maximum Aboriginal Price Adder (¢/kWh)	1.5	1.5	0.9	0.6	0.6	0.6
Maximum Community Price Adder (¢/kWh)	1.0	1.0	0.6	0.4	0.4	0.4

"The Grand Erie District school Board will give students a reallife lesson in green energy, and conservation with the installation of solar panels on the roof tops of 23 of its schools."

"Partnership between the School Board and energy service company"

"There is no cost to the school board"

http://www.theexpositor.com/ArticleDisplay.aspx?e=2614214



We need to do this for our children!

www.ontario-sea.org www.cpconference.ca

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