

Nelson PV Total System Cost w/ Detail

Date	Item	Vendor	Payment Form	Total Cost	Note	
2/23/2017	Deposit on Solar Panels	Local solar vendor	Personal Checking check	200	Deposit on 24 Helios solar panels. Combined with \$300 cash on 2/10/2017 makes \$500 deposit. 2 panels already received.	Partial Deposit
2/10/2017	Balance of deposit of solar panels	Local solar vendor	Cash, withdrawn from Landmark savings account	300	Purchased from Practical Solar	Balance of \$500 deposit
4/30/2017	Solar Panels	Local solar vendor	Cash,	3400	Actual solar panel purchase and pickup.	Previously had paid \$500 deposit. \$3,900 - deposit = \$3400
Solar Panel Total				3900		
INVERTERS						
4/20/2017	M215 Inverters	eBay store- New, In Box, w/ warranty	Biz Debit card, funded by cash withdrawn from Landmark Savings	2,299.98	2 cases of 12 new Enphase M215 inverters from eBay seller	Solar Components, Brand New, In Box, w/ warranty.
3/24/2017	Enphase Envoy S and Enphase Disconnect tool	Werner Electric Supply	Biz Debit card	471.37		SOLAR COMPONENTS
Inverter Cabling & associated other material costs						
3/10/2017	2 loop Enphase cable	Werner Electric Supply	Biz Debit card	38.15		SOLAR COMPONENTS
4/22/2017	Engage trunk cable, terminals (and partial shipping)	Renvu		533.36	Part of sales order	SOLAR COMPONENTS
EVERYTHING INVERTER RELATED TOTAL				3342.86		
PERMITTING						
4/20/2017	Electric Permit	Town Of Oconomowoc		100	Electric permit	PERMITTING
RACKING						
1/19/2017	S-5! N Clamps	AltE Store	Personal PayPal account	27.21	Regular one \$10+, mini was \$7+, and shipping was \$10.	SOLAR COMPONENTS
2/7/17	2 pieces Iron Ridge XR-100 rack, UFOs, L-foot	Werner Electric Supply	Home check card	98.92		SOLAR COMPONENTS
4/10/2017	Iron Ridge L-foots	Werner Electric Supply	Biz Debit card	56.75	5 4-packs of L-foots with bonding bolt	SOLAR COMPONENTS
4/22/2017	S-5! N Clamps, UFOs, L-Foots	Renvu		566.11		SOLAR COMPONENTS
4/24/2017	Racking, 10-pieces	Werner Electric Supply	Biz Debit card	418.93		SOLAR COMPONENTS
5/17/2017	Iron Ridge Bolts	Werner Electric Supply		47.30	3 bags of 4 of T-bolt bonding hardware, 3 bags of 20 pieces each iron ridge wire clip poly bag	SOLAR COMPONENTS
5/25/2017	S-5! N Clamps	Big Rock Supply, Bensenville, IL		32.98	6 mini clamps for joints in racking	SOLAR COMPONENTS

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5/30/2017	L-Foots and bolts	Werner Electric Supply	Biz card	12.61	This was the extra L-foots and bolts for the center seam S-5 clamps	SOLAR COMPONENTS
RACKING TOTAL				1260.81		
Balance of System (Disconnect, Jbox, zip ties)						
2/13/2017	2 Midnight Solar MNEAC20 Breakers	AltE Store	Home Check Card	60.71	Total includes tax and shipping	SOLAR COMPONENTS
2/13/2017	Iron Ridge sample materials and Solar Disconnect	Werner Electric Supply	will call, credit card	151.25		SOLAR COMPONENTS
2/28/2017	Midnite Solar PV-6 Micro AC	Werner Electric Supply	Home check card	211.20	tax and shipping added \$23	SOLAR COMPONENTS
3/10/2017	Outdoor box, cover and watertight cable cord connector	Menards	Menards Big Card	10.68	J-box	Solar components
3/20/2017	H4 Solar Disconnect Tool	amazon.com	Amazon	12.99		REQUIRED TOOLS
4/18/2017	2-gang electric boxes	Menards	Menards Big Card	26.00	2, 2-gang electric boxes and covers	SOLAR COMPONENTS
5/28/2017	solar parts	Lorelbergs True Value	PayPal debit card	17.26	sealant, zip ties, conduit lock nuts, self-tapping screws	SOLAR COMPONENTS
5/29/2017	Solar parts	Menards	Menards Big Card	107.69	PVC elbows, conduit straps, doohickeys, 30A 2 pole solar breaker, electric tape, no-ox, etc.	SOLAR COMPONENTS
5/31/2017	assorted electrical	Menards	Menards Big Card	96.95	solar bits. conduit connectors, LB pulling bodies, cable tie downs, PVC Primer and cement, connectors, etc.	SOLAR COMPONENTS
6/3/2017	Stainless Steel hose clamps	Home Depot	Biz Debit card	4.57	To secure exposed conduit	SOLAR COMPONENTS
BOS TOTAL				699.3		
Signage						
5/30/2017	Solar signage	pipemarker.com	Paypal debit card	26.29	Red plastic signs for combiner box and utility meter as required by Utility	SOLAR COMPONENTS
5/30/2017	solar signage	pipemarker.com	Paypal debit card	4.30	over character charge for sign	SOLAR COMPONENTS
Signage Total				30.59		Brimar Invoice
Labor						
6/21/2017	Electrical work	Local electrical contractor		431.92	Solar hook up. Morning of June 2, 2017.	Electrician Labor. Master electrician electrical wiring and final connection.
6/6/2017	Solar Labor and lift rental	Local roofing company		650	\$650 for labor for solar installation on roof.	Labor for panel installation

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6/7/2017	Solar Labor	Local independent contractor, who happens to be my brother.		\$175.00		Labor for panel installation
	Labor Total			1256.92		
	SOLAR PANEL TOTAL			3900		
	INVERTERS TOTAL			3342.86		
	PERMITTING TOTAL			100		
	RACKING TOTAL			1260.81		
	BOS TOTAL			699.3		
	SIGNAGE TOTAL			30.59		
	LABOR/RENTAL/ ELECTRICAL TOTAL			1256.92		
	Original out of pocket total			10590.48		
	Focus on Energy expected rebate - 12%	12%				
	Expected Rebate Amount \$			1,270.86		
	Out of Pocket MINUS Focus on Energy Rebate			9,319.62		
	Times 30% Federal Incentive			0.30		
	Value of Fed Incentive			2795.89		
	Total Cost AFTER Incentives			6523.74		