Greenskies

7o Whom It May Concern:

It is with great pleasure that GRE 314 East Lyme LLC presents to the Department of Energy and Environmental Protection this proposal for a Solar Power Purchase Agreement ("SPPA").

Through this SPPA, GRE 314 East Lyme LLC proposes to design, install, service, maintain, monitor and own a large scale ground mounted photovoltaic solar system. All of the power produced will be delivered directly to CL&P and used by the residents and businesses within the State of Connecticut.

This proposal follows the strict guidelines presented in the December 9, 2011 RFP solicitation pursuant to Section 127 of Public Act 11-80. It contains a basic description of the system, the financial benefits, some of the SPPA terms, the economic benefits and background information on our team.

We appreciate this opportunity to respond to this exciting and forward thinking RFP. Thank you all for your time and consideration and we look forward to hearing from you soon.

Sincerely,

Michael Silvestrini, President 🏇



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Management Capabilities

See attached



PPA Proposal

Price per Solar kWh	
Term Length	20 Years
Term Extension	5 Years (optional)
System Size	
System Production (Year 1)	
Renewable Attributes	To be owned by CL&P
Incentive Programs Utilized	Federal Grant in Lieu of Investment Tax Credit, MACRS (accelerated depreciation)



Springfield, MA



	Solar Output with 0.50% Degradation Factor	Solar Electricity Rate	Cost of Solar Power
Year	Solar kWh/Year	\$/kWh	
		,,	
1			
2 3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14 15			
15 16			
17			
18			
19			
20			
Total			



December 16, 2011

CT DEEP 10 Franklin Square New Britain, CT 06051

Re: GRE 314 East Lyme LLC

To whom it may concern:

Please accept this letter as confirmation that I am the sole stockholder of GH Development Inc., the entity that owns and controls that certain parcel of land at in East Lyme, CT (the "Property"). At the same time, I am also a member and manager of GRE 314 East Lyme LLC, the entity that is responding to this RFP. If GRE 314 East Lyme LLC is successful in the RFP process and is awarded with the solar array project at the Property, I hereby confirm that GH Development Inc. and GRE 314 East Lyme LLC will enter into a mutually beneficial arrangement so that GRE 314 East Lyme LLC can perform upon the RFP award and construct, operate and manage the array at the Property.

Should you have any questions or concerns, please contact us for further discussion.

Very Truly Yours,

Robert A. Landino

Sole Stockholder of GH Development Inc.

Economic Benefits

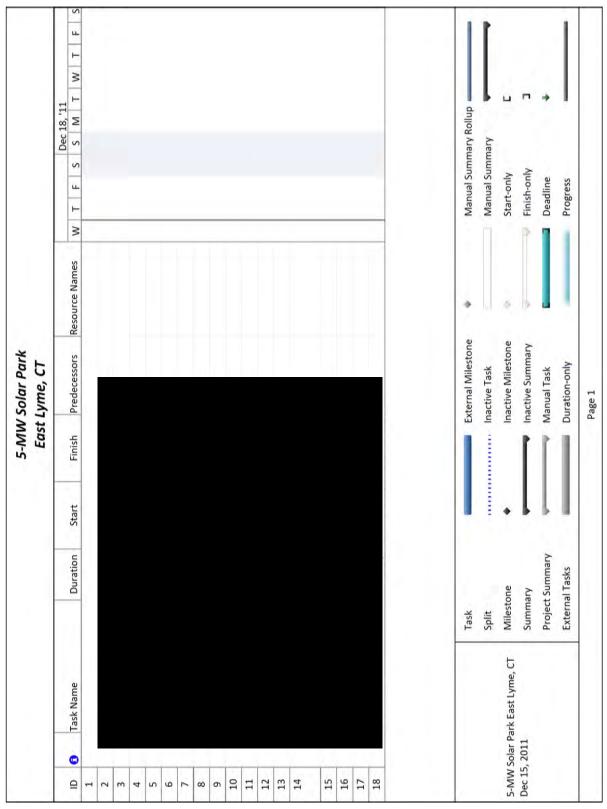
The proposed solar development project meets all of the Basic Requirements with this RFP and has many economic benefits that accompany it. GRE 314 East Lyme LLC has selected tried-and-true equipment manufacturers for this development, has financial partners in place and has the construction and maintenance staff to see this project reach fruition.

The selected site has been owned and vacant for many years. Originally intended for the development of residential homes, this land has sat idle since 2008. Now, solar PV has proven to be a way to revitalize this parcel, provide clean renewable power to the state of CT and create both blue-collar and white-collar jobs in the process.

A project of this size and scope with take the collective efforts from numerous parties. GRE 314 East Lyme LLC has contracted Greenskies Renewable Energy to act as their solar consultant throughout this development process. Greenskies plans to work with an engineering firm, construction management firm, numerous subcontractors and the utility company. This project is aimed at putting a substantial amount of Connecticut residents to work. With Greenskies soliciting a minimum of 3 to 5 bids for each component of this process, the competition between local businesses is sure to thrive. When looking at the overall man hours that will be dedicated this 26 month project, there is an anticipated 50,000 hours involved.

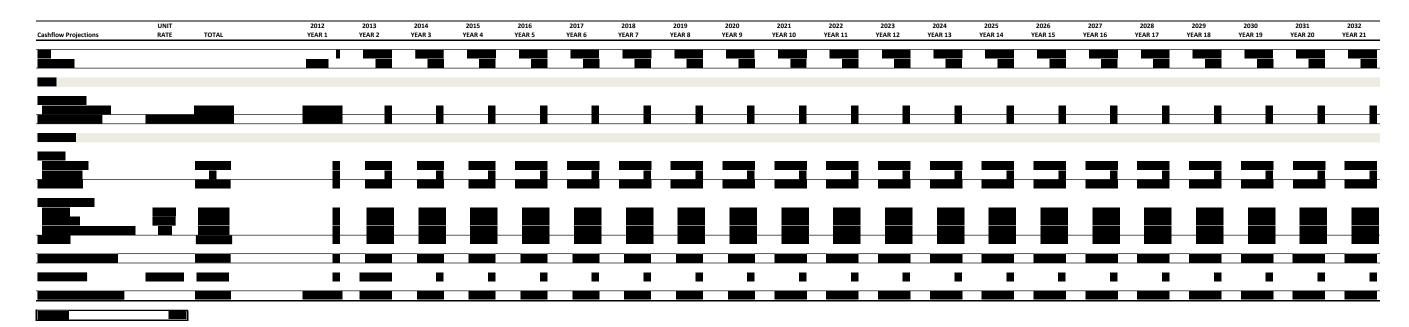
The proposed solar project will be designed by industry leading professionals in an effort to deliver a reliable and stable system. Solar pv by its very nature produces energy during the EDC's peak load hours. By producing expensive daytime electricity between 8am and 8pm this solar system will help to relieve and moderate the peak load requirements. As the system developer, we also agree to commit qualifying capacity to ISO New England, Inc.







East Lyme







TSM-PC05

The Universal Solution



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Guaranteed power output (0~+3%)



High performance under low light conditions (Cloudy days, mornings and evenings)



Independently certified by international certification bodies



Manufactured according to International Quality and Environment Management System (ISO9001, ISO14001)



Currently Trina Solar's most popular panel. Versatile and adaptable, with power output ranging from 220 to 240Wp, the TSM-PC05 is perfect for large-scale installations, particularly ground-mounted and commercial rooftop systems. Using reliable and carefully selected components that are tested at the Trina Solar Center of Excellence, this panel comes with a 25-year performance guarantee of 80% power production.

Trina Solar, **the best €/kWh** value under the sun







Trina Solar Limited

Trina Solar (Schweiz) AG Leutschenbachstr. 45, 8050 Zurich, Switzerland

- T +41 43 299 68 00
- F +41 43 299 68 10 E europe@trinasolar.com

Founded in 1997, Trina Solar is a vertically integrated PV manufacturer, producing everything from ingots to modules, using both mono and multicrystalline technologies. At the end of 2011, the company had a nameplate module capacity of 1.7GW. Trina Solar's wide range of products are used in residential, commercial, industrial and public utility applications throughout the world.

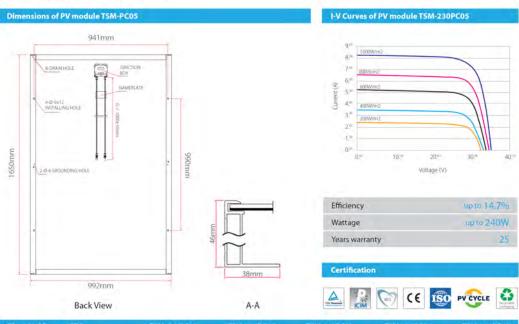
Only by matching an efficient cost-structure with proven performance will we, as an industry, achieve grid parity. And at Trina Solar, we have both.



*IEC61215, IEC61730, UL1703, TUV Safety Class II, CE



TSM-PC05 The Universal Solution



Electrical Data @ STC	T5M-220PC05	TSM-225PC05	TSM-230PC05	TSM-235PC05	TSM-240PC05
Peak Power Watts-P _{MAX} (WP)	220	225	230	235	240
Power Output Tolerance-P _{MAX} (%)	0/+3	0/+3	0/+3	0/+3	0/+3
Maximum Power Voltage-V _{MAX} (V)	29.0	29.4	29.8	30.1	30.4
Maximum Power Current-I _{Mir} (A)	7.60	7.66	7.72	7,81	7.89
Open Circuit Voltage-V _{oc} (V)	36.8	36.9	37.0	37.1	37.2
Short Circuit Current-I _{sc} (A)	8.15	8.20	8.26	8.31	8.37
Module Efficiency η _m (%)	13.4	13.7	14.1	14.4	14.7

Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Mechanical Data			Temperature Ratings	
Solar cells	Multicrystalli	ne 156 x 156mm (6 inches)	Nominal Operating Cell	47°C (±2°C
Cells orientation	60 cells (6x10	0)	Temperature (NOCT)	
Module dimension	1650 x 992 x	46mm (64,95 x 39,05 x 1,81inches)	Temperature Coefficient of P _{MSV}	- 0.45%/°0
Weight	19.5kg (43.0l	b)	Temperature Coefficient of V _{oc}	- 0.35%/"(
Glass	High transpe	erancy solar glass 3.2mm (0.13inches)	Temperature Coefficient of I _{SC}	0.05%/%
Frame	Anodized alu	uminium alloy		
J-Box	IP 65 rated			
Cables/Connector		Technology cable 4.0mm ² (0.006inches ⁴), 4.4inches), MC4		
Cables/Connector Maximum Ratings			í	
		.4inches), MC4	í	
Maximum Ratings	1000mm (39	Ainches), MC4 Warranty	í	
Maximum Ratings Operational Temperature	1000mm (39 -40~+85°C	Marranty 5 years workmanship warranty	i	
Maximum Ratings Operational Temperature Maximum System Voltage	1000mm (39 -40~+85°C 1000VDC	Warranty 5 years workmanship warranty 10 years warranty, 90% power output		
Maximum Ratings Operational Temperature Maximum System Voltage Max Series Fuse Rating	1000mm (39 -40~+85°C 1000VDC	Warranty 5 years workmanship warranty 10 years warranty, 90% power output		





FS System™ Product Sheet



FS System™, Generation 6

Features and Benefits

- No ground alterations needed for terrain drainage such as concrete culverts for waterways
- · Extremely short mounting time
- · Highest level of pre-assembled parts possible
- · Patent pending design in the German patent office
- Highly durable system utilizing quality raw materials
- Highly accessible for terrain maintenance
- 10 year warranty, as with all Schletter systems, optional 20 years



Product Enhancements from Generation 5 to Generation 6

- · Fewer bolts needed for assembly
- · Uses less material in production
- · Improved adjustment options
- Application of GPS technology during installation considerably reduces the time needed in project planning and implementation



The FS Series of open area mounting systems has a proven product history throughout the world. Individual system calculations and efficient material utilization take into account the ever increasing pressure to reduce costs when planning open area systems. All verifications of structural safety are implemented consistently with an uncompromising attention to detail and compliance with current state and local codes.

Generation 6 is the cumulation of experience gathered through years of planning and manufacturing open area systems, while consistently striving for continuous product development and innovations. In order to reduce waste and assembly time in field, the highest level of in-house prefabrication is incorporated. The result is an attractive system built quickly, efficiently, and with the durability to last.





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FS System™ Product Sheet



FS 6H

- · Six modules, horizontal positioned
- · Compatible for unframed thin film modules
- · Clamping at structurally optimal points
- Minimization of the installation height
- Economically efficient at sites with low wind loads



FS₂V

- · Two modules, vertical arrangement
- · Works well with framed modules
- Most cost-effective arrangement for crystalline module designs
- Standard module height 1.6 m to 2 m
- · Clamping at structurally optimal points



References

For more information on specific FS power plants, please request our FS Reference List.





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7/7



POWERVAULT Powered













The Turnkey DC-to-Medium Voltage Building Block for MW-Scale Projects

solution for MW-scale PV projects that accepts PV DC inputs and provides medium voltage AC output. The PowerVault is built around PV Powered's line of commercial inverters which offer exceptional reliability and 204 year operating life. The PowerVault also offers industry-leading efficiency and the widest MPPT input range of any commercial inverter in the industry. This combination of reliability, long life, and maximized energy harvest makes the PowerVault the The PowerVault™ from PV Powered is a fully integrated power conversion right choice to maximize return on investment in a MW-scale PV system.

labor and installation. The entire package is also designated to be pier mounted accelerates project schedules, and significantly decreases the cost of on-site The pre-wired outdoor-rated enclosure reduces project engineering costs, to further simplify installation.

> P E R F O R M A N C E M O N I T O R I N G Increase uptime and reduce maintenance costs with

MV-620kW MV-780kW MV-880kW MV-1040kW

ELECTRICAL SPECIFICATIONS

100

DISCOUNTING THE PARTY OF THE PA

295-500

295-500

Optional DC Peak Power Tracking Range (V)

DC Input Nominal Current (A)

DC Peak Power Tracking Range (V)

AC Operating Voltage Range (% of nominal)

istortion (%THD) 4C Frequency Range (Hz)

91%

%6'96 295-500 295-500 2775 3131 4.16kV - 35kV -12% to + 10% 59.3 - 60.5

97%

Continuous Output Power (KW) 620
System Weighted CEC Efficiency at 480 VAC (%) 96.8%

houses the inverters, distribution switchboard, and low voltage service power panel. The transformer with integrated medium-voltage switch is a compact and the need for individual pieces of medium-voltage switchgear. The flexible design offers several configuration options to meet local utility requirements and cost-effective choice that enables low-cost loop-feed installations and minimizes The enclosure is certified to UL QRNZ for walk-in electrical equipment, and installation preferences.

PV Powered backs all its commercial inverters with an industry-leading 10-year nationwide warranty, an unprecedented optional 20-year warranty, and the most responsive and experienced service and support team in the business.

subcombiner monitoring and inverter direct data can all be installed at the factory to enable plug and play monitoring which saves on site integration costs .. DRAKER

28@12.47kV 35@12.47kV 40@12.47kV 47@12.47kV

DECK

SYSTEM FEATURES

Superior Reliability



Powder-coated steel base, stucco aluminum exterior walls, insulated

MECHANICAL SPECIFICATIONS MODEL POWERVAULT

48,000 maximum in 1,040kW configuration

-30 to 45



evard 7348	97708
20720 Brinson Boulevard P. O. Box 7348	Bend, OR 97708
	Made in America Ul PV Powered products re fully correlant with

20720 Brinson Boulevard P. O. Box 7348	Bend, OR 97708	1-541-312-3832	www.pvpowered.com
	Made in America All PV Powered products	are fully compliant with the Buy American Act and qualify for projects funded by the Federal	Stimulus.

Low inverter-parts count reduces potential failure points Redundant cooling system with Smart Air Management* Card-cage circuitboard system minimizes electronic interconnections and enables fast service Factory pre-wired and tested, reducing potential for field errors Up to four inverters for increased redundancy



S	2	ě
duces pad costs and simplifies conduit entry	se life maximize energy harvest every day fo	oject engineering costs, and shortens projec
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Significant Financial Benefits

- or 20+ years Factory installation and wining greatly reduce field labor
 Per-mount skid installation reduces pac costs and simpli
 High efficiency and long service life maximize energy han
 Integrated solution reduces project engineering costs, an

 - construction cycle Protected from vandalism without additional fencing or other on-site construction

- Single Phase Load Center Power for plug loads and other single phase convenience loads. • Medium Voltage Transformer with Integrated Medium Voltage Switch Select AC output from 4, 160V to Metering Revenue grade metering can be selected for each inverter, at the AGENCY APPROVALS UL1741 for Inverters ULQRNZ for Walk-in Electrical Equipment 35kV AC, loop feed or radial feed, multiple pro

• Switchboard Branch breakers for tracker power and other onsite power requirements

CONFIGURATION OPTIONS

Ambient Temperature Range (PC)





DIMENSIONS



PowerVault

Shown with (4) 260kW Commercial Inverters* • Separate DC in to each inverter

- 97% CEC Efficiency
 265-600 Volt MMPT Range
- 10-year nationwide warranty, optional 20-yr warranty

equipment
• Fully assembled, pre-wired, and ready to connect
• Houses inverters, performance monitoring,
distribution switchboard, and 120 VAC service panel

• UL listed to UL QRNZ for walk-in electrical

PowerVault Enclosure

- Pier Mount
 Easy access to AC and DC conduits simplifies installation
- site and stub in conduit

 Pier-mount installation costs less than a Eliminates need to grade and level pad full concrete pad

- Engineered Cooling System

 Inverter Smart Air ManagementTM complements integrated cooling system
 - Inverter cooling air is exhausted through enclosure floor
 Enclosure heat removed using a high-efficiency exhaust fan

Integrated Performance Monitoring

- Choose factory integrated performance monitoring from industry leaders: Draker Laboratories, Energy Recommerce, Fat Spaniel, and DECK.
 - Optional revenue-grade metering, subcombiner monitoring and string level monitoring
 - Saves time and money versus field integration



• Inverters are pre-wired to the switchboard and combined into single output to transformer

• Optional breakers for tracker power and other onsite loads

1600A, 3-Phase

- connections to the grid

 Select from 4, 160V to 35kV AC output

 Multiple protection and switching options





Solar Monitoring Solutions



FEATURES:

Revenue Grade System Monitoring – Utility grade, verifiable data for billing, reporting to agencies, SREC reporting, and analytics.

Web, Kiosk, and Plasma Display Integration – Highly customizable and visually interactive web view and optional Kiosk integration. Perfect for integration into websites, store lobbies, and large screen displays.

Advanced Performance Monitoring – Our powerful data center allows users to view detailed analysis of system performance. Interactive graphs bring the power to troubleshoot and benchmark systems to the user's fingertips. Our high end data gateway can record a multitude of information including: generation, load, irradiance, volts, amps, cell temperature, weather data, and wind direction / speed.

Demand Monitoring – Our demand monitoring package allows you to accurately monitor your facility's energy usage in fifteen minute intervals. The package is fully integrated with the standard flash view including detailed graphing capabilities. This information facilitates energy conservation by identifying high energy use periods.

System Administration – Our powerful administration panel allows contractors to quickly get an overview of the performance of all their systems at once (and system owners of their individual systems). Advanced notification options allow you to be notified instantly of errors, alerts and track system performance remotely.

KEY BENEFITS:

Customizable - Easily configurable for customer choice of colors, project information and kiosk integration.

Integrated Pricing - The purchasing and installation process is simplified and streamlined. Our basic package includes flash views and contractor admin panels at no extra charge.

Power and Beauty – The standard DECK system is a combination of powerful commercial grade features and a stunning user interface. Perfect for public kiosks, web pages, and in-facility displays.

Customer Service - Custom alarms ensure installers instantly know about any performance issue. Keep connected to your customer base.





Public Dashboard



KEY MODULES:

Energy Meters - Display current solar generation as well as kilowatt hours generated to date.

Historical Graph - Display historical graphs of solar generation. Views include detailed daily views, 3 day, weekly, monthly, and yearly graphing options.

Weather Module - Display current weather conditions (including irradiance) on site using a compatible DECK weather station, or via the national government weather feed.

Equivalencies - Display the equivalent energy which would have been generated or used by other sources. Options include Gasoline, Lightbulbs, Trees, CO₂, and SREC Credits.

Customization Options - Choose your choice of colors, equivalencies, and customizable project details pages. Customization options come standard with our core packages.





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