

Efficient Energy of Tennessee, LLC Solar Photovoltaic System Procurement



U.S. General Services Administration

GOING ABOVE AND BEYOND IN SUSTAINABILITY



Solar Photovoltaic Systems System Design and Installation Incentive Assistance

Clean Energy for a

BRIGHTER FUTURE!

Solar energy is a vast, untapped energy source available to everyone willing to take advantage. Solar technology has never been more affordable and accessible due to new incentives and technological advances.

Efficient Energy of Tennessee (EETN) was created to provide affordable, quality, sustainable solutions to rising energy demands. EETN currently specializes in Solar Photovoltaic (PV) design and installation for both residential and commercial customers.



General Services Administration



U.S. General Services Administration

GSA Federal Supply

MAS Contract Information and Price List
Going Above and Beyond in Sustainability

General Services Administration

Federal Supply Service

Authorized Federal Supply Schedule Price List

Online access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The web address for GSA Advantage! is: www.gsaadvantage.gov.

Facilities Maintenance and Management

Schedule 03 FAC

Special Item Numbers 871 209 and 003 97

Contract Number: GS-21F-0165Y

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at www.fss.gsa.gov

Contract Period

September 19, 2012 – September 18, 2017

Efficient Energy of Tennessee, LLC

1707 Depot Street
Powell, Tennessee 37849
865-947-3386
865-947-3387 FAX
www.eetenn.com

Business Size: Small business.

Table of Contents

General Services Administration..... 1

Customer Information 4

Company Profile..... 5

GSA 03FAC Description of Services..... 7

Procuring Solar..... 8

Firm Proposal Report 9

Professional Solar Project Management..... 9

How to Start..... 10

Estimating System Size 11

System Pricing Definitions..... 13

 Ballasted Racking..... 13

 Single Axis Tracker..... 13

 Ground Mount:..... 13

 Necessary Conditions:..... 13

 Conditions that Might Increase Price:..... 14

Using GSA Schedules Is Now the Fastest, Simplest Way to Procure Solar 14

Renewable Energy Requirements..... 15

Guidance..... 16

Appendix 17

Notes to Consider:..... 17

General Scope 17

Facility Information: 18



Customer Information

1. **Special Item Numbers (SINs):**
Single procurements will be reported under two SINs:
 - a. 871 209 – Innovations in Energy
003 97 – Ancillary Repair & Alterations
 - b. The lowest price per watt is \$2.31 per watt for a system in Zone 1 (TN, KY, VA, NC, AL, MS, SC, and GA) for a 501-1000 kW system. See price listing below
 - c. See hourly rates schedule below
2. **Maximum Order:** 1MW – Please note this is the threshold when a discount will be applied. This does not limit the size of an actual order.
3. **Minimum Order:** System size has to be 50 kilowatts (kW) or higher.
4. **Geographic Coverage:** United States and Caribbean
5. **Points of production:** Various vendors
6. **Discount from list price or statement of net price:** All prices herein are net.
7. **Quantity discounts:** See price chart – discounts are applied as system size increases
8. **Prompt Payment Terms:** Net 30 days
9. **Government Commercial Credit Card:** Not Accepted
10. **Foreign Items:** As specified at Task Order Level.
11. **Time of Delivery:** 30-45 days after receipt of order to commence; commence to completion as specified in negotiated delivery terms in the Task Order.
 - a. **Expedited Delivery:** Negotiated terms in the Task Order.
 - b. **Overnight and 2-day Delivery:** – Not applicable
 - c. **Urgent Requirements:** Negotiated terms in the Task Order.
12. **F.O.B. Point(s):** Destination

13. **Ordering Information - Address:**
Efficient Energy of Tennessee, LLC
1707 Depot Street
Powell, Tennessee 37849
Attn: Robbie Thomas
Phone: 865-947-3386
Fax: 865-947-3387
Email: info@eetenn.com
14. **Payment Address for Electronic Funds Transfer (EFT) payments:**
Efficient Energy of Tennessee, LLC
First Tennessee Bank
ABA Routing number: 084000026
Account number: 184001077

Should EFT not be available, EETN requests that remittances are sent to the Ordering Address.
15. **Warranty Provision:** Manufacturer's warranty and EETN's installation warranty are specifically identified at the Task Order level between the ordering agency and the contractor.
16. **Export Packing Charges:** – Not applicable
17. **Terms and Conditions of Government Credit Card acceptance:** EETN does not accept Government Credit Cards.
18. **Terms and Conditions of Rental, Maintenance, and Repair:** Addressed at the Task Order level.
19. **Terms and Conditions of Installation:** Addressed at the Task Order level.
20. **Terms and Conditions for any other Services:** Addressed at the Task Order level.
21. **List of Service and Distribution Points:** Not applicable
22. **List of Participating Dealers:** Not applicable
23. **Preventive Maintenance:** Addressed at Task Order Level.
24. **Special Attributes:** Renewable Energy Technology
25. **DUNS:** 008028304
26. **CCR:** EETN is registered with CCR.

Company Profile
Efficient Energy of Tennessee, LLC
Service Disabled Veteran-Owned Small Business

Cage# 66NT0
DUNS# 008028304

NAICS Codes	
221119	Other Electric Power Generation
236220	Commercial and Institutional Building Construction
237130	Power and Communication Line and Related Structures Construction
238160	Roofing Contractors
238220	Plumbing, Heating, and Air-Conditioning Contractors
541330	Engineering Services
561210	Facilities Support

Business Overview

Efficient Energy of Tennessee, LLC (EETN), provides a full array of renewable and efficient energy technologies including solar photovoltaics (PV) and solar thermal equipment. EETN provides system design and installation, as well as assistance with all incentive administration. EETN is also capable of performing Energy Audits and HERS Ratings. EETN is a Velux 5-Star Installer and an authorized dealer for Sharp USA and PV Powered. EETN is a **Service Disabled Veteran Owned Small Business**. EETN employs 9 people.

License and Certifications

- Unlimited Tennessee Contractors License with Solar Provision
- NABCEP Certified Installer
- Licensed Electrician
- HERS Rater
- TVA Energy Auditor
- Earth Craft Renovator
- Velux Certified Solar Thermal Installer
- SHARP Authorized Commercial Dealer / Installer
- Service Disabled Veteran Owned Small Business

Significant Accomplishments

- 1.03 megawatt (mW) grid-tied, ground mounted PV system for Natural Energy Group in Knoxville, Tennessee completed in August, 2010. The system uses Sharp panels, PV Powered inverters, and Terrafix Solarpark mounting. ***First MW Solar PV System installed in the Tennessee Valley Authority region.***
- 1.05 mW grid-tied, ground mounted PV system, for Natural Energy Group in Jackson, Tennessee completed in December, 2010. The system uses Sharp panels, PV Powered inverters, and Terrafix Solarpark mounting. ***Largest Solar PV System installed in the Tennessee Valley Authority region.***
- AGC Glass Company North America, Inc. ***\$1.5 Million grant award from Tennessee Solar Institute Innovation Grants*** in December 2010.
- 500 kilowatt (kW) grid-tied, ground mounted PV system for Wampler's Farm Sausage located in Lenoir City, Tennessee and completed in June 2011. The system uses Sharp panels, PV Powered inverters, and Terrafix Solarpark mounting. ***Largest Solar PV power plant installed under the USDA REAP program.***
- EETN has experience in both ARRA and Davis-Bacon requirements as approximately half of all of their installations were under these rules.



EETN has installed 4,595 megawatts as of 9/21/12 as follows:

# of Installations	Cumulative Size	Type of Mount
12	208.36	Roof
10	262.70	Top-of-Pole
9	4,025.28	Ground (Terrafix)
3	98.67	Roof - Sunlink
34	4,595.01	

EETN has personnel who have achieved the North American Board of Certified Energy Practitioners Certification



(EETN installation in Jackson, TN)



(EETN installation in Knoxville, TN)

See more pictures of EETN installations at <http://www.eetenn.com/projects/gallery.aspx> and at <http://www.flickr.com/photos/eetn/>.

[GSA 03FAC Description of Services](#)

SIN 003-97 Ancillary Repair and Alterations

Services available include, but are not limited to: Repair and Alterations ancillary to existing SINs under this Schedule. Ancillary Repair and Alterations projects are those (1) solely associated with the repair, alternation, delivery or installation of products or services also purchased under this Schedule, and which are (2) routine and non-complex in nature, such as routine painting or carpeting, simple hanging of drywall, basic electrical or plumbing work, landscaping, and similar noncomplex services. This SIN EXCLUDES: (1) major or new construction of buildings, roads, parking lots and other facilities; (2) complex R&A of entire facilities or significant portions of facilities, and (3) Architect-Engineering Services subject to Public Law 92-582 (Brooks Act).

The work performed under this SIN shall be associated with existing SINs that are part of this Schedule. Ancillary Repair and Alterations shall not be the primary purpose of the work ordered but be an integral part of the total solution offered. Ancillary repair and alteration services may only be ordered in conjunction with or in support of products or services purchased under this Federal Supply Schedule contract.

This SIN includes all regulatory guidance outlined in accordance with FAR 36, including the Davis Bacon Act and the Miller Act.

Special Instructions: No award will be made under 003-97 Ancillary Repair and Alteration unless an offeror is awarded (or receives award concurrently) for another SIN under this Schedule. The Repair and Alteration work must be ancillary (incidental) to the primary services or products offered under the Schedule.

For Federally-owned space managed by GSA's Public Building Service (PBS), approval of the PBS Building Manager must be received by the ordering activity and contractor before any repair and alteration work may be ordered. A copy of the approval must be retained by both the ordering activity contracting officer and the contractor.

Owned or leased space outside the PBS inventory may also include approval requirements. A copy of the approval must be retained by both the ordering activity contracting officer and the MAS contractor performing the R&A services.

This R&A SIN shall not be used for PBS leased space.

Any Agency contracting officer ordering services under this SIN for Ancillary Repair and Alterations is responsible for complying with his or her agency's internal policies when procuring R&A services. This may include a specific warrant delegation for procuring construction services when the estimated amount of this portion of the task order exceeds \$2,000 (Ref. FAR 22.4).

Special Notice to Ordering Agencies: GSA or other landlords may require re-performance of any nonconforming work at agency expense. If applicable, agencies may seek appropriate recourse from the contractor responsible for the nonconforming work.

Energy efficient buildings certification programs such as LEED may be included.

SIN 871-209 Innovations in Renewable Energy

Services available include, but are not limited to: Innovative approaches to renewable energy. These might include, but are not limited to, new developments or improvements in providing renewable energy and managing energy through biomass conversion, solar energy, fuel cells, geothermal energy, hydropower (tidal power, wave power, tidal stream power, waterwheels, and hydro electricity), wind power or other sources, and the maintenance of renewable energy systems. These approaches should be capable of providing renewable and/or sustainable energy and sustainability services that are more carbon-neutral, thereby lessening dependence on traditional non-renewable, fossil fuel sources of energy such as coal, oil, natural gas and propane.

Procuring Solar

The GSA Facilities Maintenance and Management Schedule (GSA Schedule) provides energy management solutions for Federal facilities to enhance environmental stewardship by reducing overall energy costs and decreasing reliance on fossil fuels. The GSA Schedule streamlines procurement of energy-related services from pre-qualified vendors.

The addition of EETN's services allows users of the GSA Schedule to obtain an efficient turnkey solar photovoltaic system (PV), energy efficiency expertise, and/or incentive application assistance. EETN's pricing structure allows GSA Schedule users to estimate system size and cost. The user then can decide to contact EETN for the development of a Firm Proposal Report.

Firm Proposal Report

EETN will provide the following in a Firm Proposal Report:

1. Firm turnkey quote based on site specific details
2. Modeling that summarizes estimated energy production, as well as the project's financial/environmental benefits and costs (installation, operational and maintenance costs over the life of the system (maintenance and insurance) and taxation). Only Federal and state income taxes are estimated; however, property and local taxes will have to be taken into account by the customer. The model is an estimate and not a guarantee.
3. Available incentives. NOTE – Assistance in applying for incentives can be negotiated into the final price at the Task Order level.
4. Proposed location and layout of modules and inverter(s)
5. Mounting system
6. Calculated system size (DC and AC)
7. Proposed interconnections
8. Payment terms based on project milestones
9. Estimated timetable for completion

An order is placed through the execution of a Task Order. If a customer decides to execute a Task Order, EETN will provide the following:

Professional Solar Project Management

The project will be managed completely by EETN's experienced staff. EETN personnel hold degrees from top universities and industrial certifications required to perform projects. 55.5% of our staff hold Bachelor level degrees, 33.3% hold advanced degrees. There is one certified electrician and one NABCEP certified solar installer on the EETN staff. All of our personnel work in collaboration to ensure professional project management.

The project will proceed as follows:

1. A one-line design based on your building and/or ground characteristics and the targeted energy generation requirements. This will show your optimized solar array design taking into account your facility's characteristics, your desired energy production, and any particular design standards and requirements for your project. The one-line design will be used to obtain professionally engineered sealed drawings.
2. Equipment and materials will be ordered:
 - a. Solar modules – transform sunlight into DC electricity
 - b. Inverters – converts DC power into AC power and enables connection to a conventional power grid.
 - c. Mounting system – secures solar modules to roof or to the ground in compliance with all local, state, and federal building codes.
 - d. Monitoring system – real-time monitoring of system electrical production via the internet.
 - e. Electrical components, tools and machinery – All wire, conduit, and equipment will be procured by EETN. There are no hidden costs.
3. Interconnection coordination with local utilities and all proper permits (electrical and/or building) will be obtained.
4. EETN staff will guide the customer in applying for known rebates and incentives.
5. A commissioning report will be provided to the customer when the system is operational.
6. EETN staff will train the customer's staff in any system maintenance and safety procedures.

How to Start

1. Estimate your solar power system size using one of the options below:
 - a. If available, use the recommendations from an existing comprehensive energy management assessment.
 - b. Use the worksheet provided on page 11, “Estimating System Size.”
 - c. Contact EETN to request assistance from a design expert who will use commercial satellite photography to assist in estimating system size.
2. After estimating the system size for your facility, use the pricing information on pages 12-13 to calculate an approximate turnkey system price for budgetary purposes.
3. Once you have estimated your system size and cost, you have two options:
 - a. Order a Firm Proposal Report, and we will determine your optimal system size and specifications to provide you with a firm price quotation.
 - b. Move forward to Task Order development based upon your estimated requirements.
4. Execute Task Order, which EETN will develop specifically for your facility’s solar electric power system.

To initiate the process contact Efficient Energy of Tennessee, LLC 865-947-3386 or info@eetenn.com.

GSA Base System Pricing - September 2012 – SIN 871 209

GSA Net Price (All prices are \$/Watt 1,000
watts = 1 kW)

\$/Watt

	50-100 kW	101-250 kW	251-500 kW	501-1000 kW	1 MW+ **
GSA Base System Price	2.95	2.58	2.50	2.31	2.34

Geographic Zones:

Zone 1 (TN, KY, VA, NC, AL, MS, SC, GA)	2.95	2.58	2.50	2.31	2.34
Zone 2 (all other 48 contiguous states)	3.17	2.71	2.55	2.35	2.37
Zone 3 (HI, AK, PR, US Territories)	TBN	TBN	TBN	2.43	2.45

**A price discount will occur for every 1 MW added to system size

Adders

Roof Attachment Type:

Roof Penetrations w/ Racking (Flat Roof)	1.98	1.64	1.31	1.10	1.00
Sloped Roof Racking or Canopy	1.06	0.92	0.79	0.73	0.70
Ballasted Racking	1.37	1.18	0.99	0.87	0.79
Ground Mount	1.47	1.37	1.10	0.96	0.90
Single Axis Tracker	N/A	N/A	N/A	N/A	1.31
High Roof Access (>20 feet)	0.06	0.03	0.03	0.02	0.01

Components:

Monitoring System	0.20	0.10	0.04	0.03	0.02
Inverter Shed/Canopy/Enclosure	N/A	N/A	N/A	0.06	0.05
Transformer	0.28	0.14	0.05	0.04	0.02

Other Services:

Landscaping-Fabric and Rock	N/A	N/A	N/A	0.07	0.05
Extended Warranty - Inverters (20 years)	0.13	0.10	0.10	0.09	0.08
Bonding (% of overall cost)	1.5%	1.5%	1.5%	1.5%	1.5%

Total System Price	Sum of above				
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Note – GSA customers receive a 5% discount off the commercial base system pricing with an additional 2% off all labor costs (Built-in to table below). A .5% additional discount will be given to any order of at least one megawatt.

GSA Base System Hourly Rates - September 2012

SIN	Service Proposed	Minimum Education/Certification	Minimum Years of Experience	Hourly Price for GSA Customers (w IFF)
003 097	Repair Technician	High School, Electrical Background, PV courses preferred	0-1	\$ 68.60
871 209	Licensed Electrician	High School, Electrical Background, License, PV courses preferred	0-1	\$ 68.60
871 209	Installer	High School, Electrical Background, NABCEP certification	0-1	\$68.60

System Pricing Definitions

System options with price adders are offered to customize the system and account for specific project requirements.

Ballasted Racking

Roof mounting option that allows the array to be secured to roof using ballast weight to minimize or eliminate roof penetrations (only for buildings that can support additional roof loads).

Single Axis Tracker

No-tilt design with racking, tracking angle E-W of +/- 45 degrees, ground mount with wind resistance up to speeds of 56 MPH before moving panels to 0 degree tilt, concrete or pile-driven foundations, and increases system production over 20%.

Ground Mount:

A fixed-axis mount of the solar array on the ground assuming level to rolling hill location with various soil types.

Necessary Conditions:

- Building or land area must be accessible by paved road
- Electric panel must be on exterior wall of building or easily accessible by wire chase (for interior locations)
- Existing service panel accepts PV bus bar or available tap
- No explosives or hazardous materials in or near work area
- No roof slope greater than 45 degrees
- Customer provides internet connection for monitoring system no further than 100 feet from inverter pad
- No painting of conduit

Conditions that Might Increase Price:

Non-Standard Roof Characteristics

There will be a cost adder for non-standard roof types (e.g., tile, concrete or sheet metal), slopes exceeding 30 degrees, or other atypical characteristics. No shake, thatch, or specialty (clay, terra cotta) roof material. No lead flashings.

High Roof Access

High Roof Access – There will be a cost adder for installations more than 20 feet above adjacent ground.

Inverter Protection/Enclosure

A cost adder is available to provide a stainless steel (or equivalent) inverter housing on central inverters, a canopy over central inverters, or chain link fencing and/or vehicle bollards around inverter.

Interior Electrical Panel

There will be a cost adder whenever the electrical service panel is located inside building requiring the utilization of over 150 feet of conduit.

[Using GSA Schedules Is Now the Fastest, Simplest Way to Procure Solar](#)

OMB endorses GSA schedules as “competitive procedures” for ARRA funds disbursement.

The following paragraphs are excerpted from OMB Memorandum M-09-10, dated February 18, 2009: *Initial Implementing Guidance for the American Recovery and Reinvestment Act of 2009 from page 39 (emphasis ours):*

To the maximum extent practicable, contracts using Recovery Act funds shall be awarded as fixed price contracts (see FAR Subpart 16.2) using competitive procedures. These procedures include those identified under FAR Subparts 6.1, 6.2, and 16.505(b) (1) and Subsections 8.405-1 and 8.405-2.

Existing fixed-price contracts that were competitively awarded may be used to obligate funds expeditiously.

Pre-solicitation notices must be posted on FedBizOpps (FBO) in accordance with FAR Part 5, including applicable dollar thresholds. Under the Recovery Act, pre-solicitation notices are required for any order, meeting the FAR Part 5 dollar thresholds, under a task or delivery order contract, including GWACs, multi-agency contracts, and GSA Federal Supply Schedule contracts.

These notices will be posted in FBO for information purposes only (i.e., the requirements of FAR Subpart 5.203 do not apply). Contracting officers should continue to also use their usual solicitation practice (e.g., e-Buy).

Renewable Energy Requirements

The Energy Policy Act (EPAct) of 2005:

- Defines "renewable energy" as electric energy generated from **solar**, wind, biomass, landfill gas, ocean (including tidal, wave, current, and thermal), geothermal, municipal solid waste, or new hydroelectric generation capacity achieved from increased efficiency or additions of new capacity at an existing hydroelectric project.
- Requires the Secretary of Energy to ensure that, to the extent economically feasible and technically practicable, the following amounts of the total electricity consumed by the Federal government come from renewable energy:
 - Not less than 3% in fiscal years 2007-2009
 - Not less than 5% in fiscal years 2010-2012
 - Not less than 7.5% in fiscal year 2013 and thereafter
- Provides a bonus to Federal agencies by allowing them to double count renewable energy if it is produced on-site and used at a Federal facility, produced on Federal lands and used at a Federal facility, or produced on Native American land and used at a Federal facility.

The Energy Independence and Security Act (EISA) of 2007:

- Requires 30% of the hot water demand in new Federal buildings (and major renovations) be met with **solar hot water equipment** provided it is life-cycle cost-effective.
- Requires new buildings and major renovations of Federal buildings to reduce fossil fuel consumption relative to 2003 by:
 - 55% by 2010
 - 65% by 2015
 - 80% by 2020
 - 100% by 2030
- Makes it easier for Federal agencies to finance renewable energy projects with energy savings performance contracts (ESPCs) through the following:
 - Project funding flexibility is increased by allowing agencies to combine appropriated funds and private financing.
 - Contract length limitations to less than 25 years are also restricted, as are total obligation amount limitations.
 - The definition of ESPC is expanded to include the use of excess electrical or thermal energy generated from on-site renewable sources.

Executive Order (E.O.) 13423 reinforces the legislative renewable goals. Specifically, the order mandates that at least half of renewable energy used by the Federal government must come from new renewable sources (in service after January 1, 1999). Non-electric renewable resources (e.g., solar water heating) can be used to meet this requirement, but all of the EPAct 2005 goal must be met with renewable electricity.

Guidance

The [Renewable Energy Working Group](#) developed guidance for Federal agencies on what can be counted toward EAct 2005 renewable energy goals as modified by E.O. 13423. Key elements of the guidance include:

- The statute limits the definition of renewable energy to electricity, so non-electric energy from renewable resources does not count toward the goal.
- "New" renewable energy has to come from facilities placed in service after January 1, 1999.
- To "use" renewable energy, in compliance with wording in the law, means the agency must consume renewable energy to count it toward the goal. Simply producing renewable energy on a Federal site does not count as use.
- Purchasing renewable energy certificates (RECs) is equivalent to purchasing and consuming renewable electricity and does count toward the goal.
- RECs from a project must be retained by the agency to count toward the EAct 2005 goal. If RECs are not retained by the agency, it cannot claim to be using renewable energy because the right to that claim is transferred to the owner of the RECs.
- The EAct 2005 bonus for renewable energy from a project on Federal or Native American land is only available if an agency retains the RECs associated with the generation from the project. However, agencies can "swap" RECs purchased from another source to replace RECs sold to finance an on-site project and still receive the bonus.
- Buying renewable fuels like biomass from a source that is not on Federal or Native American land, but then converting the fuel to useful energy on a Federal site or Native American land allows an agency to claim the EAct 2005 bonus. Renewable fuel converted to useful energy, such as electricity or steam, in a facility that is not located on Federal or Native American land that is then delivered to a site does not qualify for the EAct 2005 bonus.
- Credit for renewable energy use in calculating energy efficiency goals will be gradually phased out between 2007 and 2012.

Appendix

Notes to Consider:

These guidelines are provided to assist ordering entities in defining their Task Order scope for integrating solar electric power into facilities.

General Scope

The general scope would include turnkey photovoltaic systems, or any part or component thereof, including but not limited to the design, construction and installation of a photovoltaic system. The Contractor will provide all work to include the equipment selection, permitting, and installation of a photovoltaic system. The system will be capable of providing 480-volt, 3-phase power which will be grid-tied. The final system configuration will allow automatic operation without operator intervention.

System design and equipment specifications should minimize maintenance requirements.

Contractor will utilize green building materials where applicable. The project should meet facility design standards (identify specifically) wherever applicable.

The photovoltaic system can be federal agency owned, in full or in part. The system may be located on site or off site for federal customers. PV systems may be roof-mounted or ground-mounted and may be stand-alone or integrated into a building or a site. PV systems should integrate with the electric utility grid (grid-tied); buildings may require ancillary repair, renovations or minor alterations.

Useful Information to provide when you call:

Facility Information:

1. Will we be mounting your system on the roof, the ground, or both?
2. If roof-mount, what type of roofing material is used? What is the approximate pitch (angle of roof slope)? What is its age and general condition?
3. If roof-mount, are pictures of the roof available to determine any obstructions/special conditions? Are there special wind rating requirements? Can the roof be penetrated or is no penetration required? What is the roof height?
4. If roof-mount, what is the maximum loading in pounds per square foot allowable? If unknown, are pictures available of the roof truss structure to determine structural load rating?
5. If ground-mount, what is the ground slope? Will grading be required? Are there any shading obstructions? What is the soil type/classification? What is the exposure category?
6. Is a site plan or surveyor's file available?
7. What component will the power from the inverters be tied into and where is its location (current consumption meter, transformer, etc.)? Is the tie-in voltage single or three phase? What voltage are we tying into (240V, 480V, etc.)?
8. Are pictures of the load panels and a close-up of the panel board specification plaque available?
9. Are there any generator sets/transfer switches to work around at the facilities?
10. Staging of equipment: Is there ample room for multiple 40-foot containers and lift equipment, or is it going to be tight?
11. Are there any other risks (explosion hazards, earthwork restrictions due to hazardous substances, etc.)?
12. Do our workers need special security clearances before entering the facility?
13. Are there any work-hour restrictions under normal facility operations (i.e., no heightened security risk conditions, just normal operations); what about weekends?
14. Do we need to coordinate with the utility, or will interconnection be handled by the facility alone?
15. Who reviews the building permit application?