



Job Complete Checklist

Initial each item when completed

In The Field:

Job Ticket signed _____

Milestone signed (if necessary) _____

Interconnection signed _____

Install Map – stickers numbered to match Residential Commissioning Form _____

Jobs with micro inverters: confirm working properly _____

State Final "As Built" Technical Worksheet _____

Solar Commissioning Form _____

Photos:

Job Ticket _____

Meter (with serial #) _____

Panels (must have all arrays) _____

Inverters & serial stickers (if applies) _____

Permit _____

All necessary job photos (*refer to installation book*) _____

Job Notes:

Shade Dept/Office:

Final Shade Analysis – fully completed including inverters/stringing/panel #'s (***make all updates***) _____

PV Watts _____



JOB LOG

JOB NAME: _____

DATE: _____

EMPLOYEES: _____

WORK DONE: _____

DATE: _____

EMPLOYEES: _____

WORK DONE: _____

DATE: _____

EMPLOYEES: _____

WORK DONE: _____

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WORK DONE: _____

DATE: _____

EMPLOYEES: _____

WORK DONE: _____

DATE: _____

EMPLOYEES: _____

WORK DONE: _____



Completed Job Material List

Customer: _____

KW: _____ Crew Leader: _____

QUANTITY	ITEM	QUANTITY	ITEM
	1" EMT		Sun Run Meter
	1" EMT set screw connectors		70A Flush Mount Disconnect
	1" EMT set screw couplings		60A Fused Indoor Disconnect
	1" EMT rain tight connectors		60A Fused Outdoor Disconnect
	1" EMT rain tight couplings		30A Fused Disconnect
	1" Cowboys		30A Non-Fused Disconnect
	1" EMT straps		
	1" Locknuts		100A Indoor Main Lug Panel
	1" Bonding Bushings		100A Outdoor Main Lug Panel
	1" Bonding Locknuts		2p15A Breaker
	1" Plastic Bushings		2p20A Breaker
	1" Romex Connectors		2p30A Breaker
	1" LB's/LL's/LR's and covers		2p40A Breaker
	1" Greenfield		2p50A Breaker
	1" Greenfield Connectors		2p60A Breaker
	1" PVC		8 Circuit Combiner Boxes
	1" PVC Connectors		12 Circuit Combiner Boxes
	1" PVC Couplings		15A Fuse Holders
	1" PVC Expansion Fittings		15A Fuses
	1" Click Cowboys		#8 Bare Copper
	1 1/4" EMT		#8 AWG THWN-2
	1 1/4" EMT Connectors		#6 AWG THWN-2
	1 1/4" LB's and Covers		#10 AWG THWN-2
	1 1/2" PVC		#4 AWG THWN-2
	1 1/2" PVC Connectors		#3 AWG THWN-2
	1 1/2" PVC Couplings		#2 AWG THWN-2
	1 1/2" PVC LB's and covers		#1 AWG THWN-2
	1 1/2" PVC Expansion fittings		#1/0 THWN-2
	2" PVC		#2/0 THWN-2
	2" PVC connectors		6/3 Romex
	2" PVC couplings		6/2 Romex
	2" PVC LB's and covers		8/3 Romex
	2" PVC Expansion fittings		8/2 Romex
	3/4" Romex Connectors		4/3 Romex
	6X6 PVC Boxes		Beaver Tooth Lugs
	6X6 Metal Boxes		1" Heyco Connectors
	5X5 Extension ring		1 1/4" Heyco Connectors
	5X5 Metal Box and cover		Ground Rods
	100A Overhead Meter Pan		Acorn Clamps
	Trinity Meter		Line Taps

QUANTITY	ITEM	QUANTITY	ITEM
	Insulated Barrel lugs		3" 90 Degree Elbow
	5 Hole Ground Bar		3" 45 Degree Elbow
	3/4" / 1" Butt Connectors		3" Coupling
	Irreversible Crimps		3" J-Hook
	Ty Wraps		2" Sch 40 PVC
	Tar Tubes		2" Plumbing Flashing
	4X8 Plywood		2" 90 Degree Elbow
	2X4X96 Pressure Treated		2" 45 Degree Elbow
	Ironridge Rails		2" Coupling
	Unirac Feet		2" J-Hook
	Sunmodo Flashings		1 1/2" Sch 40 PVC
	Ironridge Splice kits		1 1/2" Plumbing Flashing
	4" X 60" B-vent		1 1/2" 90 Degree Elbow
	4" X 48" B-vent		1 1/2" 45 Degree Elbow
	4" X 36" B-vent		1 1/2" Coupling
	4" X 24" B-vent		1 1/2" J-Hook
	4" X 12" B-vent		3" Radon Flashing
	4" X 12" B-vent Adjustable		3" Radon Pipe
	4" 90 degree elbow		3" Radon 90 Degree Elbow
	4" Collar		3" Radon Coupling
	4" Flashing		3" Radon 45 Degree Elbow
	4" Cap		3" Radon J-Hook
	5" X 60" B-vent		8"X8"X4" PVC Box
	5" X 48" B-vent		Male/Female Lead Ends
	5" X 36" B-vent		Copper Split Bolts
	5" X 24" B-vent		3/4" Carflex
	5" X 12" B-vent		3/4" Carflex Connectors
	5" X 12" B-vent Adjustable		1" Carflex
	5" 90 degree elbow		1" Carflex Connectors
	5" Collar		#12 AWG USE-2
	5" Flashing		8 Hole Terminal Block
	5" Cap		6 Hole Terminal Block
	6" X 60" B-vent		8X8 Metal J-box - Soladeck
	6" X 48" B-vent		60A Non-Fused Disconnect
	6" X 36" B-vent		
	6" X 24" B-vent		
	6" X 12" B-vent		
	6" X 12" B-vent Adjustable		
	6" 90 degree elbow		
	6" Collar		
	6" Flashing		
	6" Cap		
	3" Sch 40 PVC		
	3" Plumbing Flashing		



2211 Allenwood Rd.
Wall, NJ 07719
732.780.3779
732.780.6671 (fax)

Residential System Commissioning Information

Customer Name: _____

Customer Address: _____ Town _____ State _____

Installer Responsible for Completion: _____ Date Finished _____

Total Number of Solar Modules: _____ Module Model #: _____

Inverter 1(Make & Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

Orientation- _____ degrees Pitch- _____ degrees

Inverter 2(Make & Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

Orientation- _____ degrees Pitch- _____ degrees

Inverter 3(Make & Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

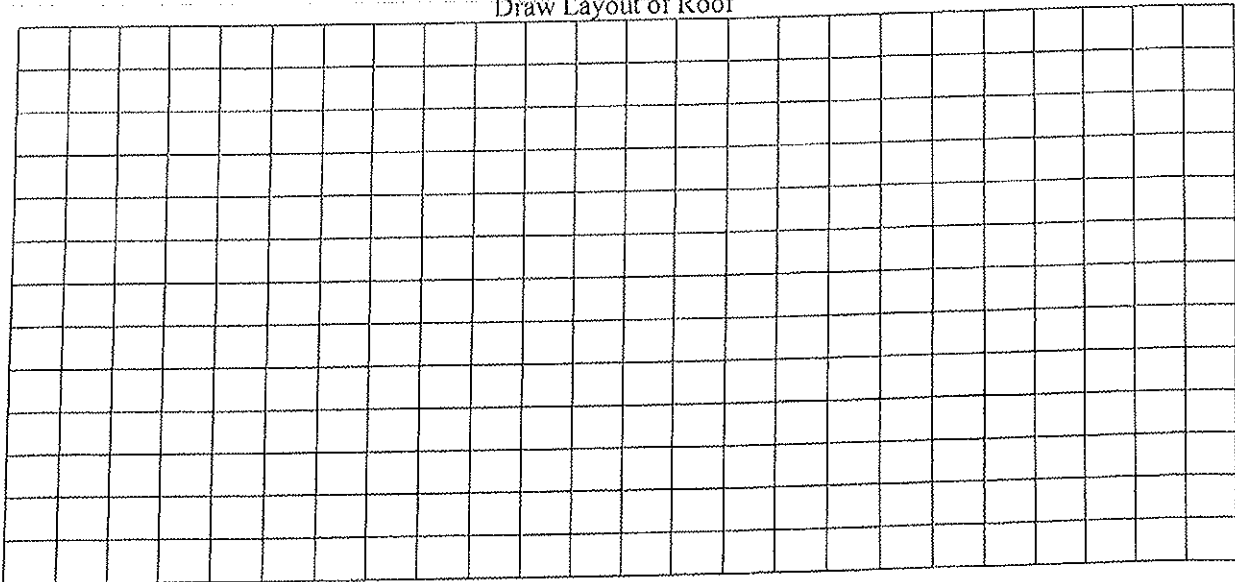
Orientation- _____ degrees Pitch- _____ degrees

Inverter 4(Make & Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

Orientation- _____ degrees Pitch- _____ degrees

Draw Layout of Roof



SOUTH

Sun Run Meter – Model # _____ S/N _____

Confirmation # _____



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Installer Responsible for Completion: _____ Date Finished _____

Total Number of Solar Modules: _____ Module Model #: _____

Inverter 1(Make &Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

Orientation- _____ degrees Pitch- _____ degrees

Inverter 2(Make &Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

Orientation- _____ degrees Pitch- _____ degrees

Inverter 3(Make &Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

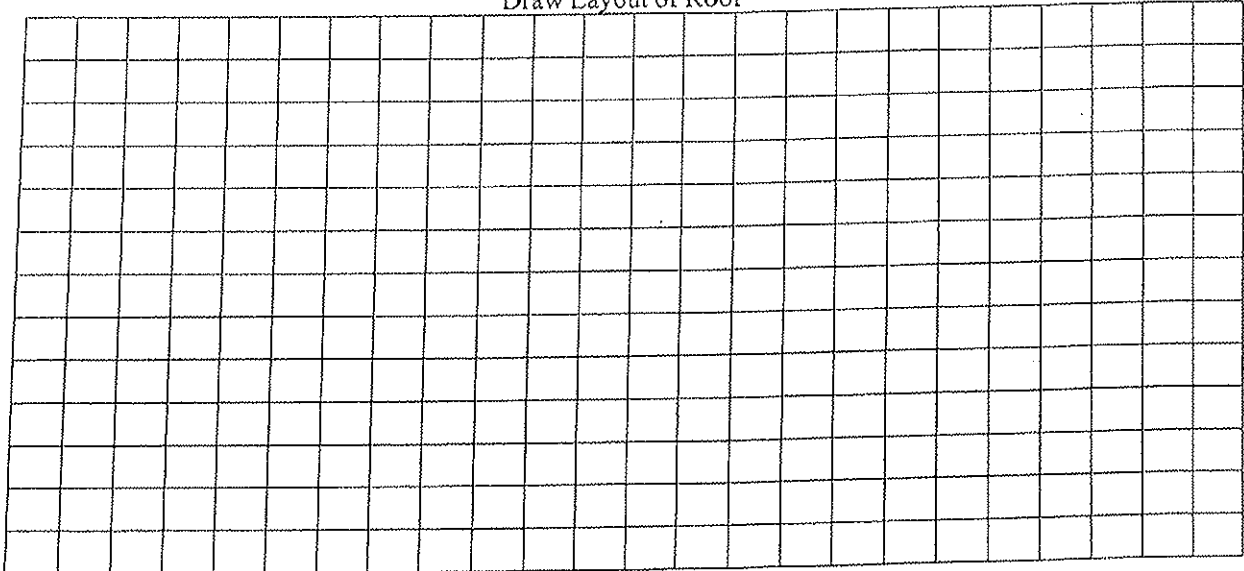
Orientation- _____ degrees Pitch- _____ degrees

Inverter 4(Make &Model) _____ Serial #: _____

Total strings: _____ Total Modules per string: _____ String Colors: _____

Orientation- _____ degrees Pitch- _____ degrees

Draw Layout of Roof



SOUTH

Sun Run Meter – Model # _____ S/N _____

Confirmation # _____



New Jersey's Clean Energy Program

Solar Commissioning Form



A: Site General Information

Site Host Contact Name: _____ (If Non-residential use the Company name)

Approval # _____

Site Address: _____

Technician's Name: _____

Date: _____

Time: _____

Weather: _____

Currently Producing Watts (total from all inverter displays): _____

Total System Size (kW): _____

Maximum System Voltage (NEC 690.7): _____ (CALCULATE using average high/ record low temps or ASHRAE) High Temp: _____ Low Temp: _____

Utility Grid Voltage (measured at interconnection): L1-L2: _____ L2-L3: _____ L1-L3: _____ L1-N: _____ L2-N: _____ L3-N: _____

Notes:

B: Array Information

	Array A	Array B	Array C	Array D	Array E	Totals:
Array magnetic azimuth (degrees)	°	°	°	°	°	n/a
Array true azimuth (degrees)	°	°	°	°	°	n/a
Array Tilt (degrees)	°	°	°	°	°	n/a
Pathfinder (4 corners each array)	%	%	%	%	%	% averaged
Solmetric (4 corners of each array)	%	%	%	%	%	% averaged
Inverter Manufacturer						n/a
Inverter Model						n/a
Inverter Quantity						n/a
Module Manufacturer						n/a
Module Model						n/a
Module Quantity						n/a

C: Inverter Production

D: PV String Measurements (measured on-site)

Label	Array (A,B,C)	Serial Number	Output (watts)	Utility Meter Number		Number of Modules	Voc (open-circuit volt)	Imp (operating current)
Inverter 1					String 1			
Inverter 2					String 2			
Inverter 3					String 3			
Inverter 4					String 4			
Inverter 5					String 5			
Inverter 6					String 6			
Inverter 7					String 7			
Inverter 8					String 8			
Inverter 9					String 9			
Inverter 10					String 10			
Inverter 11					String 11			
Inverter 12					String 12			
Inverter 13					String 13			
NOTES:					String 14			
					String 15			
					String 16			
					String 17			
					String 18			
					String 19			
					String 20			
					String 21			

Continue on another page if necessary

E: Revenue-Grade Production Meter (ANSI C12.1-2008 certified)

Manufacturer	Model	Serial Number	Cumulative kWh	Has Display	Remotely Read Only
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

