

## Site Survey Checklist

Please ensure you have the following: Business cards, measuring tape, pen, clipboard, camera, shade assessment tool, ladder, appropriate footwear, brochure, sample pictures, sample data sheets, warranty information for proposed components, domestic content information.

Sales/dealer name:	Referral Source:	Date:
Client full name:	Email:	Phone #:
Secondary contact person:	Email:	Phone #:
Address:	Postal Code:	City:
What are client's motivations for wanting solar? Explain:		
Types of solutions interested in: check all that apply: <input type="checkbox"/> PV MicroFiT/FiT <input type="checkbox"/> PV Net-metering <input type="checkbox"/> PV Off-grid <input type="checkbox"/> Solar hot-water <input type="checkbox"/> Solar air-heating <input type="checkbox"/> Passive Solar/green building <input type="checkbox"/> Solar products <input type="checkbox"/> Consultation		

Electric Company:	Account #:	
Full Name(s) on account:		
Address (if different from above)		
Service: Amps: <input type="checkbox"/> 100A <input type="checkbox"/> 200A <input type="checkbox"/> Other _____	Voltage: <input type="checkbox"/> 240V <input type="checkbox"/> 208	Phase: <input type="checkbox"/> Single <input type="checkbox"/> Three
Available breaker space (for net-metering): <input type="checkbox"/> Yes, how many? _____ <input type="checkbox"/> No		
Service entrance: <input type="checkbox"/> Underground <input type="checkbox"/> Overhead		
Type of solar PV installation: <input type="checkbox"/> Tilted/slanted roof <input type="checkbox"/> Wall/facade <input type="checkbox"/> Awning <input type="checkbox"/> Carport/parking structure <input type="checkbox"/> Flat roof <input type="checkbox"/> Ground-mount		
<input type="checkbox"/> Single Story <input type="checkbox"/> Double Story <input type="checkbox"/> Other _____	Est. roof sq./ft _____	
Roof Type: <input type="checkbox"/> Asphalt <input type="checkbox"/> Standing seam metal <input type="checkbox"/> Clay tile (S pattern) <input type="checkbox"/> Flat tile <input type="checkbox"/> Flat roof <input type="checkbox"/> Other _____		
Roof age: _____ years	Roof condition: <input type="checkbox"/> Excellent <input type="checkbox"/> Fair <input type="checkbox"/> Replace 3-5 years <input type="checkbox"/> Replace immediately	
Rafter Size: <input type="checkbox"/> 2" x 4" <input type="checkbox"/> 2" x 6" <input type="checkbox"/> 2" x 8" <input type="checkbox"/> 2" x 10" <input type="checkbox"/> Other _____		
Rafter Spacing: <input type="checkbox"/> 12" <input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 20" <input type="checkbox"/> Other _____		

<p>Azimuth:</p> <div style="text-align: center;"> </div>	<p>Array 1: _____°    <input type="checkbox"/> Magnetic compass reading</p> <p>Array 2: _____°    OR</p> <p>Array 3: _____°    <input type="checkbox"/> From true north</p>
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<p>Pitch:</p>	<p>Array 1</p> <p><input type="checkbox"/> Flat</p> <p><input type="checkbox"/> 1/12, 4.76°</p> <p><input type="checkbox"/> 2/12, 9.46°</p> <p><input type="checkbox"/> 3/12, 14.04°</p> <p><input type="checkbox"/> 4/12, 18.43°</p> <p><input type="checkbox"/> 5/12, 22.62°</p> <p><input type="checkbox"/> 6/12, 26.57°</p> <p><input type="checkbox"/> 7/12, 30.26°</p> <p><input type="checkbox"/> 8/12, 33.69°</p> <p><input type="checkbox"/> 9/12, 36.87°</p> <p><input type="checkbox"/> 10/12, 39.81°</p> <p><input type="checkbox"/> 11/12, 42.51°</p> <p><input type="checkbox"/> 12/12, 45°</p> <p><input type="checkbox"/> Other _____</p>	<p>Array 2</p> <p><input type="checkbox"/> Flat</p> <p><input type="checkbox"/> 1/12, 4.76°</p> <p><input type="checkbox"/> 2/12, 9.46°</p> <p><input type="checkbox"/> 3/12, 14.04°</p> <p><input type="checkbox"/> 4/12, 18.43°</p> <p><input type="checkbox"/> 5/12, 22.62°</p> <p><input type="checkbox"/> 6/12, 26.57°</p> <p><input type="checkbox"/> 7/12, 30.26°</p> <p><input type="checkbox"/> 8/12, 33.69°</p> <p><input type="checkbox"/> 9/12, 36.87°</p> <p><input type="checkbox"/> 10/12, 39.81°</p> <p><input type="checkbox"/> 11/12, 42.51°</p> <p><input type="checkbox"/> 12/12, 45°</p> <p><input type="checkbox"/> Other _____</p>	<p>Array 3</p> <p><input type="checkbox"/> Flat</p> <p><input type="checkbox"/> 1/12, 4.76°</p> <p><input type="checkbox"/> 2/12, 9.46°</p> <p><input type="checkbox"/> 3/12, 14.04°</p> <p><input type="checkbox"/> 4/12, 18.43°</p> <p><input type="checkbox"/> 5/12, 22.62°</p> <p><input type="checkbox"/> 6/12, 26.57°</p> <p><input type="checkbox"/> 7/12, 30.26°</p> <p><input type="checkbox"/> 8/12, 33.69°</p> <p><input type="checkbox"/> 9/12, 36.87°</p> <p><input type="checkbox"/> 10/12, 39.81°</p> <p><input type="checkbox"/> 11/12, 42.51°</p> <p><input type="checkbox"/> 12/12, 45°</p> <p><input type="checkbox"/> Other _____</p>
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<p>Shade analysis performed: Perform shading analysis for each array using Solmetric, Suneye or Solar Pathfinder</p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No</p>
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<p>Shading: describe type of shading here</p>	<p>Array 1:</p>	<p>Array 2:</p>	<p>Array 3:</p>
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<p>Length of wire-run from each array to proposed location of disconnect:</p>	<p>Array 1: _____ feet;    Array 2: _____ feet;    Array 3: _____ feet</p>
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<p>Photos: <input type="checkbox"/> Front of building    <input type="checkbox"/> Roof or array location    <input type="checkbox"/> Meter close-up (specs)    <input type="checkbox"/> Proposed disconnect location</p> <p><input type="checkbox"/> South side of house (from S looking N)    <input type="checkbox"/> South yard (From N looking S)    <input type="checkbox"/> Electrical panel location (net-metering)</p> <p><input type="checkbox"/> Electrical panel circuit breakers (net-metering)    <input type="checkbox"/> Roof pitch (get profile for pitch angle)</p> <p><input type="checkbox"/> Proposed inverter and battery bank location(s) (for off-grid only)    <input type="checkbox"/> Proposed efficiency upgrade location(s)</p> <p><input type="checkbox"/> Potential problems</p>
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<p>Ground-mount specifics: Type of site/soil: <input type="checkbox"/> Landfill    <input type="checkbox"/> Agricultural land    <input type="checkbox"/> Sandy    <input type="checkbox"/> Marsh    <input type="checkbox"/> Cement</p> <p><input type="checkbox"/> Clay/loam    <input type="checkbox"/> Rocky/boulders</p>
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<p>Level, graded surface?    <input type="checkbox"/> Yes    <input type="checkbox"/> No</p>
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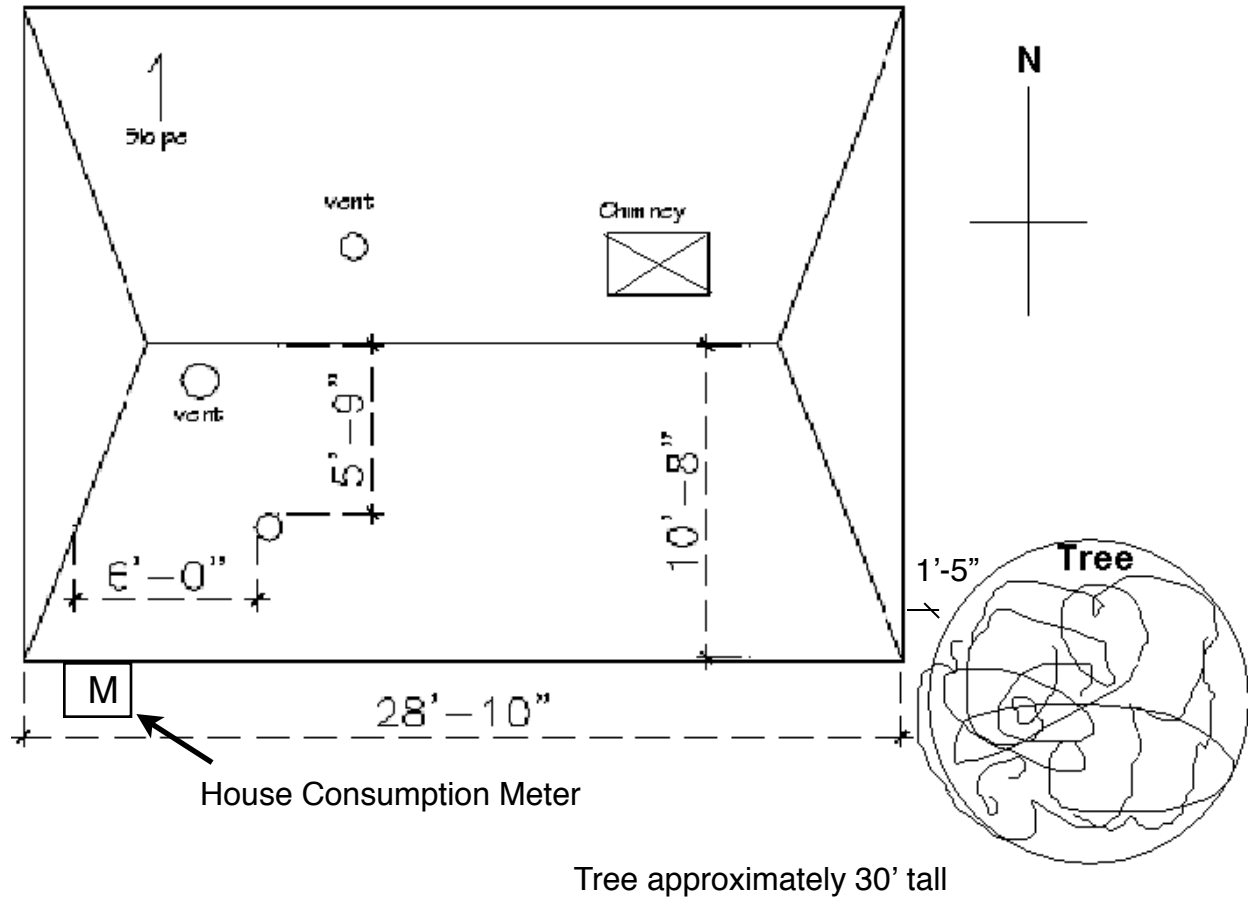
<p>Water near surface?    <input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> Unknown</p>	<p>Corrosive soil?    <input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> Unknown</p>
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Draw bird's-eye roof layout including roof obstacles and near-by trees; include dimensions and measurements where possible; shading issues; access issues; potential location of meter and disconnect switch or entrance to circuit breaker panel for net-metering or potential location(s) for charge controller, battery bank and inverter for off-grid. Include orientation arrow. See examples below for flat and pitched roofs.



Drawing Example: Residential

Please locate all skylights, vents and chimneys and any other obstacles as well as location of House Consumption Meter. Indicate height of ridge and eaves if possible.



Drawing Example: Commercial

Please locate all skylights, vents, AC units, roof hatches for flat roofs and location of Building Consumption Meter or proposed LDC connection point.

