

NANTUCKET'S PATH TO SOLSMART STATUS

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SOLSMART IS A NATIONAL PROGRAM THAT RECOGNIZES PLACES THAT HAVE DEMONSTRATED SOLAR LEADERSHIP.





NATIONALLY DISTINGUISHED. LOCALLY POWERED.

HOW TO ACHIEVE A SOLSMART DESIGNATION

1. SOLAR STATEMENT



2. ZONING REVIEW



Key:

- Discretionary criteria
 - (all non-prerequisite criteria)
- Platinum prerequisites
- Gold prerequisites
- Silver prerequisites
- Bronze prerequisites



BRONZE

3 prerequisites+60 points

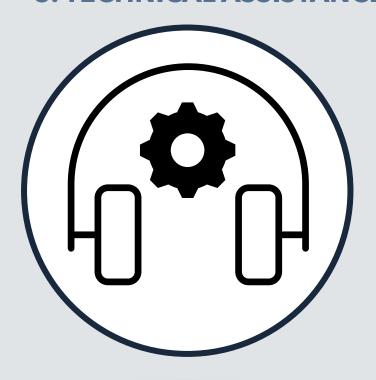
SILVER

Bronze status + 4 prerequisites

100 points

HOW TO ACHIEVE A SOLSMART DESIGNATION

3. TECHNICAL ASSISTANCE



4. DESIGNATION



NANTUCKET IS A SOLAR LEADER

Image Credits:

OBJECTIVES



Determine Silver Requirements



Develop and Execute Plan



Identify Potential Improvements



Update and Enhance Web Resources



Recommend Path to Gold Status



SOLSMART POINTS AS OF 12/12

Status	Total Points	
Attempting	50	
Complete	165	
Total	215	

- 215 of the 100 points required for SolSmart Silver status
- Silver prerequisites
 - Solar Landing Page

SOLAR LANDING PAGE



UPDATED FAQS



PERMITTING CHECKLIST



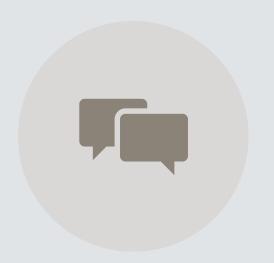
BAR GRAPHS



UPDATED SOLAR MAP

UPDATED FAQS





MORE QUESTIONS

UPDATED ANSWERS

PERMITTING CHECKLIST

- Permitting Checklist shows:
 - Required Permits
 - Permit Fees
 - · And more!



Nantucket Energy Office | 2 Fairgrounds Rd | Energy Office | Nantucket, MA - Official Website

Solar Photovoltaic (PV) System Permitting Checklist

The pre-submittal checklist below contains the minimum information and project plan details required to be submitted to The Town of Nantucket when applying for a permit to install a solar photovoltaic (PV) system. The intent of using the checklist is to provide transparent and well-defined information to minimize the number of required revisions, improve permit application quality, and accelerate the application and review process.

Both residential and commercial solar PV installations follow the same process on Nantucket.

The following local design guidelines should be used when planning a solar PV installation:

- Building With Nantucket in Mine
- Nantucket Historic District Commission (HDC) Solar Guideline
- Nantucket Fire Department Solar PV Plan Review Checklist

A permit must be obtained prior to the start of any work. Complete the following permit application forms and submit any additional required documents. Permit application forms can be picked up from 2 Fairgrounds Rd (open from 7:30 AM to 4:30 PM on weekdays).

Required Permits:

- HDC Certificate of Appropriateness (COA) [Link to watermarked application]
- ☐ Electrical Permit [Link to watermarked application]
 ☐ Building Permit ¹ [Link to watermarked application]
- Environmental (Only for ground-mount systems)
 - MESA Review²
 - Conservation Commission³

Additional Required Documents:

- □ HDC COA submission:
 - All applicable items listed on the required documents <u>Checklist</u>
 - 10 Day Waiver for HDC hearing
- □ Electrical Permit:
 - . Fee check (made out to the Town of Nantucket)/cash
 - Schematic and specifications of solar PV system

¹ Ground mounted arrays are required to receive a Health Department review of the Building Permit

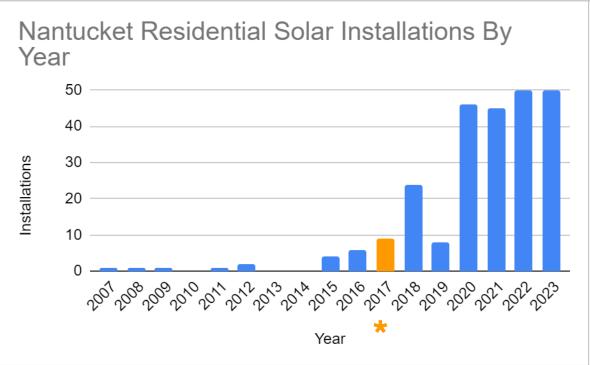
Required for ground array systems installed on land that is designated as having state-listed species habitat.

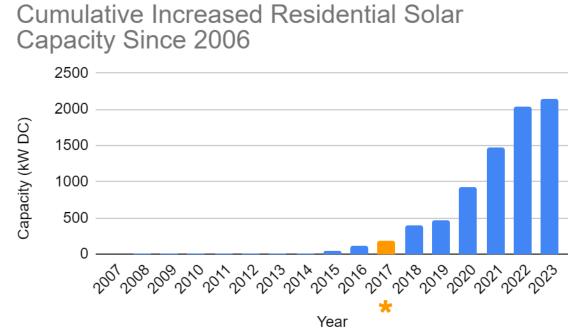
Required for ground array system installed on designated wetlands and within the 100' Buffer Zone

RESIDENTIAL SOLAR INSTALLATIONS

RESIDENTIAL INSTALLATIONS

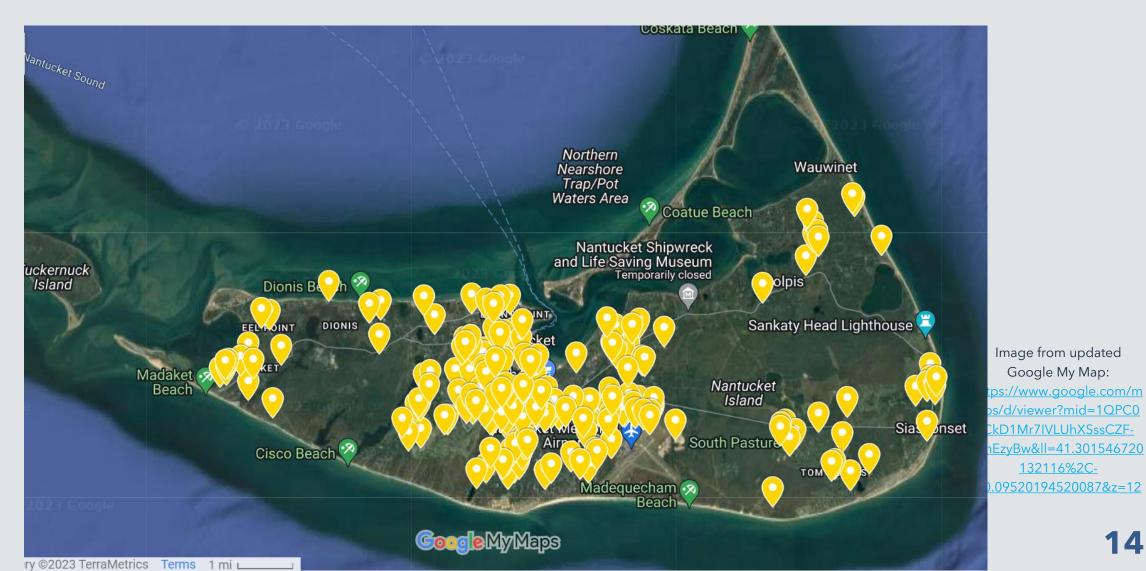
CUMULATIVE INCREASE IN RESIDENTIAL KILOWATT CAPACITY





* The Local Solar Rebate Began in 2017

SOLAR MAP





ACHIEVE SILVER STATUS

- Most of the work is complete
- Nantucket has earned 165 of the 100 required points for Silver status
- Prerequisites:
 - **☑** Staff Training
 - **☑** Zoning Determination letter
 - □ Solar Landing Page



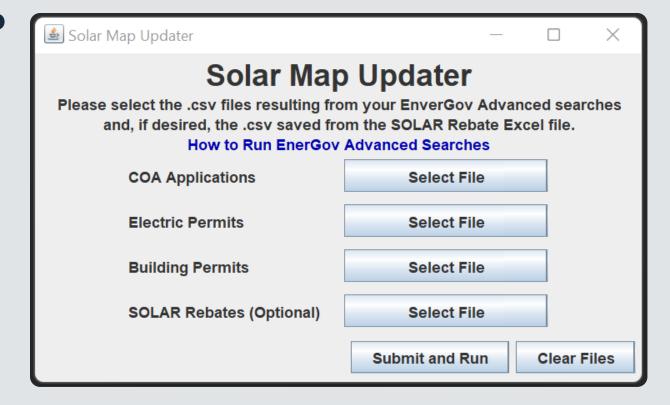
COMPLETE GOLD PREREQUISITES

- With completion of Silver,
 - 215/200 Gold point requirement
- Gold prerequisites:
 - Codify solar by right use
 - Zoning Barrier Removal
 - 3-day Permit turnaround time



MAINTAIN SOLAR LANDING PAGE

- Quarterly update the Solar Map
 - Creating instructions for sponsor
- Update other resources:
 - Permitting Checklist
 - FAQs



AMENDMENTS TO PERMITTING PROCESS

- Digitize the permitting process
- Develop "solar-only" permits:
 - The Historic District Commission's Certificate of Appropriateness
 - Building

CERTIFICATE NO: NOTE: It is strongly recommended Please see	Application to the HISTORIC DISTRICT COM- CERTIFICATE OF AI for structure. All blanks must be filled in using BLUE Of NOTE: It is strongly recommended that the applicant be familiar with the HDC Please see other side for submittal requirements. Inco This is a contractual agreement and must be filled out in ink. An application is bretely me Reserves of Mass., 1970, for proposed work as described herein and on plans, drawings The certificate is valid for three years from date of issuance. No structure may differ from the approved application. Violation may impode issuance of Certificate of Occupancy. PROPERTY DESCRIPTION TAX MAP N°: 99999999 PARCEL N°. 9999 9999 Street & Number of Proposed Work: 2 Whale Rd	PPROPRIATENESS utral work. If BLACK INK (no pencil) or marked N/A. guidelines, Bullding with Nantucket in Mind, prior to submittal of application. omplete applications will not be reviewed by the HDC.	nd, prior to submittal of application.
This is a contractual agreement and mu Resolves of Mass., 1970, for proposed	Owner of record: Moby Dick Mailing Address: 2 Whale Rd, Nantucket MA, 02554	Approved: Disapproved: Chairman: Member:	ness under Chapter 395 of the Acts and on and made a part hereof by reference.
The certificate is valid for three years fro from the approved application. Violation Occupancy. PROPERTY TAX MAP N°: 9999999	Contact Phone #: 555-5555 E-mail: Imawhale@whales.org AGENT INFORMATION (if applicable) Name: Mailing Address: Contact Phone #: E-mail:	Member: Member: Member: Notes - Comments - Restrictions - Conditions	SE ONLY Fee Paid: \$
	E-mail.		
Owner of record: Moby Dick Mailing Address: 2 Whale Rd, Nant	☐ Color Change ☐ Fence ☐ Gate ☐ Hardscaping ☐ Move Buildin	ed documentation. Commercial Historical Renovation Deck/Patio Steps Shed ng Demolition Revisions to previous Cert. No. lar PV modules to rooftop of primary dwelling. Decks/Patio: Size: 1st floor 2nd floor	Disapproved:
Contact Phone #: 555-5555 AGENT INFORMA	Sq. footage 3rd floor: Difference between existing grade and proposed finish grade: North Height of ridge above final finish grade: North Additional Bemarks REVISIONS: I. East Ei Historic Name: (describe) 2. South 6 Original Date: 3. West E	South East West Elevation	
Name: Mailing Address:		n drawings and submit photographs of existing elevations. TO BE PERFORMED (type) Poured Concrete Piers	ns
Contact Phone #:	Roof Pitch: Main Mass	Fence: Height: Type: Length:	
DESCRIPTION OF WORK TO BE PERFOI See reverse for required documentatio	Leaders (material and size): Sidewall: White cedar shingles		
Roofing material: ✓ Asphalt: ☐ 3-	Trim: A. Wood Pine Redwood Cedar Other B. Treatment Paint Natural to weather Other C. Dimensions: Fascia Rake Soffit (Overhang) Corner boards Frieze Window Casing Door Frame Columns / Posts: Round Square		victure or Addition: Length: 3' Width: 4'
I hereby authorize the agent named aboution into compliance with the HDC guidel any revisions to this application will initiat	C guidel Doors* (type and material): \(\text{TDL} \) \(\text{SDL} \) \(\text{Front} \) \(\text{Material} \) Rear \(\text{Side} \) Garage Door(s): Type \(\text{Material} \) \(\text{Material} \) Hardscape materials: \(\text{Driveways} \) \(\text{Walkways} \)		pplication in order to bring the applica- 1. I hereby agree that the submission of
Date October 18, 1851	* Note: Complete door and window schedules are required. COLi Sidewall Clapboard (if applicable) Sash Deck Foundation * Attach manufacturer's color samples if color is not from HDC approval list.		Signed under penalties of perjury
	Attach manufacturers color samples it oftons in normal rule approval iss. I hereby authorize the agent named above to act on my behalf to make changes in the tion into compliance with the HDC guidelines. I hereby agree to abide by and comply any revisions to this application will initiate a new sixty-day review period. Date October 18, 1851 Signature of owner of record	with the terms and conditions of this application. I hereby agree that the submission of	

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Images provided by the Nantucket Energy Office

ACKNOWLEDGEMENTS

- Project Advisors, Dr. Fred Looft & Dr. Susan Jarvis
- Sponsor, Lauren Sinatra
- Town of Nantucket Staff
- Local solar installers
- SolSmart community interviewees
- Nantucket Yacht Club
- Young's Bicycle Shop

