

HPD SOLAR FEASIBILITY ANALYSIS: Solar Approval Form

INSTRUCTIONS: This form is part of the Solar Feasibility Analysis required for projects certifying with the 2020 NYC Overlay of Enterprise Green Communities (EGCC) and for projects pursuing LEED Certification. This form must be filled out by the development team along with the required documentation and will be reviewed by an HPD Sustainability Officer. A signed form is a required item for EGCC PreBuild and LEED Waivers.

PROJECT INFORMATION			
Project Name		HPD ID:	
Design Phase:		HPD Program:	
Solar Designer/Contact:		NC or Sub Rehab:	
Email:		# Buildings:	
Estimated Closing:		EGC Version:	
REQUIRED ITEMS			CHECK
Roof Plan per attached instructions on Page 2 (required)			
Completed Solar Screening Tool (required if project is seeking feasibility waiver)			
Narrative/ Additional Information (optional)			
IF SOLAR IS BEING PROPOSED, PROVIDE DETAILS BELOW (Information may be generated from Solar Screening Tool or provided by Solar Designer. Ensure all incentives are accounted for)			
System Type			
System Size (kW-DC)			
Annual Production (kWh)			
Year 1 Utility Bill Savings (\$)			
System Cost (after NY-SUN)			
System Cost (after incentives)			
WAIVER IS BEING REQUESTED FOR THE FOLLOWING REASON (documentation must be provided):			CHECK ONE
Project complies with LL92/ 94 and will not require a DOB waiver			
Project is installing a green roof over 90% of sustainable roofing zone			
Project can not accommodate a solar array > 4kW (documentation must be provided)			
Project does not meet 10-year payback period per Solar Screening Tool			
Project does not have enough information to determine solar feasibility and will submit with EGC PreBuild Authorization Package (may cause reviewing delays)			
APPROVAL STATUS: To be filled in by HPD Sustainability Officer			
Approved/ Waived			
HPD Signature		Date:	
Please ensure that applicant is using the most up-to-date form and Solar Screening Tool on the HPD Website's Sustainability Page .			

SOLAR FEASIBILITY ANALYSIS: Instructions & Documentation

DRAWING REQUIREMENTS:

Drawing Requirements for all projects:	Roof Plan(s) must show code-compliant sustainable roofing zone(s) for all roofs. Fire Department access areas and exempted areas shall be clearly indicated. Dimensions of the sustainable roofing zone shall be noted.
Drawing Requirements for projects proposing solar:	The plan shall indicate the anticipated system size, solar generation capacity and other pertinent information regarding mounting system and additional details. For projects proposing canopies or similar, note whether space below is dedicated for recreation.
Requirements for projects requesting waiver:	If project is voluntarily complying with Local Laws 92/94, roof plan showing code-compliant design shall be included. Projects voluntarily complying with Local Laws 92/94 acknowledge that they will not require DOB waivers from HPD.
	If project is proposing a green roof over 90% of the sustainable roofing zone, location and size of green roof shall be clearly noted on roof plan.
	If the minimum 4kW capacity cannot be met, evidence such as calculations or shading report prepared by the solar consultant or design professional shall be included.
	If the project can support solar but not meet a reasonable payback (10 years or less), the Solar Screening Tool must be used to estimate solar generation capacity, system cost and system payback and will be a requirement for submittal. The tool must be filled out as accurately as possible including size of sustainable roofing zone and all incentives/ tax credits available to the project.

DEFINITIONS AND REGULATIONS

Sustainable Roofing Zone	Refer to DOB Buildings Bulletin 2019-010 for definitions and instructions for calculating the Sustainable Roofing Zone
Exempted Areas:	Refer to DOB Buildings Bulletin 2019-010 for information about areas exempted from the Sustainable Roofing Zone
Code and Legislative Compliance	All projects must be in compliance with the NYC Building Code, NYC Electrical Code and the NYC Fire Code, the NYC Zoning Resolution and other applicable laws and rules.
Exceptions for certain affordable housing projects	Until November 15, 2024, (i) buildings with one or more dwelling units for which occupancy or initial occupancy is restricted based upon the income of the occupant or prospective occupant as a condition of (A) a loan, grant, tax exemption or conveyance of property from any state or local governmental entity pursuant to the private housing finance law or the general municipal law, or (B) a tax exemption pursuant to section 420-c of the real property tax law, (ii) buildings subject to the alternative enforcement program pursuant to section 27-2153 of the administrative code of the city of New York, and (iii) buildings owned by the Department of Housing Preservation and Development (HPD), need only comply with the requirements of LL 92 and 94 of 2019 to the extent determined by HPD.

Please ensure that applicant is using the most up-to-date form and Solar Screening Tool on the HPD Website's Sustainability Page. This and other information can be found on the HPD Website's Sustainability Page.