• Information
• Forecasts / Projections
• Visualizations
Will solar work here?
Learn your solar potential and savings
Solar Potential Calculator

1. Solar System Assumptions

   Building Owner Description
   
   Building / User Type: Residential
   Average monthly electricity cost: $0.00
   Default $ / Watt System Cost: $4.00
   Financing Type: Cash

   * financing options can change your required upfront cost (see below) to adjust payment type.

   + Open Advanced Assumptions

2. Output

   Assumptions
   3 Solar Way
   Albany NY 12207
   System Size: 8.24 kW-DC
   Payback Period: 8 Years
   Annual Savings: $2,096
   Total System Cost After Incentives: $16,919

   Charts

   Cumulative Net Cash Flow

   + View System and Financing Details

   GET A QUOTE
   DOWNLOAD REPORT
3 STEPS TO SOLAR

1. Enter your address
2. See how much you save!
3. Connect with a local installer
How do I quickly learn how to install solar in this community?
Find local solar programs, processes, incentives, and resources
Solar Guides

The Solar guide will take you through a series of questions and answers to create a profile you will have and we can use to determine feasibility of solar panel installation on your property.

1. Are you applying online through the Development Hub?  ○ Yes  ○ No
2. Are you applying for the property fax abatement (PTA)?  ○ Yes  ○ No
3. Are you applying through Hub Full Service?  ○ Yes  ○ No
4. Are you applying through Hub Self Service?  ○ Yes  ○ No
5. Are you applying for Directive 14?  ○ Yes  ○ No

PERSONALIZE GUIDE

PRINT GUIDE TO PDF

6. Create Architectural Plans
7. Upload Documentation
8. Receive Construction Sign-Off in BIS

4. Create Development Hub e-filing application

To use Hub Full-Service, you must prepare your job application using the Department’s electronic submission system (eFiling). Preparers or Design Professionals can enter Hub Full-Service on the “Review” page of the Plan/Work Application.

The eFiling system will prompt you to enter information for the PW1 – Plan/Work Approval form electronically.

< Previous | Next >

5. Determine Project’s Site-Specific Characteristics
6. Create Architectural Plans

The PW1 is the first document filed with the Department to begin the application process. View DOB guide
How much solar is in my community? Where should solar be in my community? How can we streamline the solar process?
View solar market growth, potential, and prices
View on the map visualization of the solar market.
Example Map Layers

Installations by County

Solar Insolation

Municipalities

Potential others:
- Solarize Programs
- Unified Permit Adopters
- Strategic Zones
- Grid Ready
- Resilient Solar Systems
- Potential for Resilient Systems on Critical Infrastructure
How can I get insight on if this large PV installation is likely to be approved as is or needs expensive interventions?
Identify upfront if technical and financial barriers exist for large-scale PV projects
Grid Ready Information

<table>
<thead>
<tr>
<th>Building</th>
<th>Interconnection Technical Screen</th>
<th>Opportunity Factor Designation</th>
<th>Result</th>
<th>Next Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Solar Way</td>
<td>Identify Service Type Load vs PV Potential Evaluate existing Service Capacity for export</td>
<td>☑</td>
<td>Go</td>
<td>Potential cost information: XYZ</td>
</tr>
<tr>
<td>Brooklyn, NY 11211</td>
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<td></td>
<td>Potential grid upgrades required based on opportunity factor: XYZ</td>
</tr>
<tr>
<td>Solar Potential: 275 kW</td>
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<td></td>
<td></td>
<td>Con Edison information on interconnection</td>
</tr>
</tbody>
</table>

grid ready assumptions
How do I find up-to-date relevant information about Solar in NY state and in my local community?
Brings solar information to the fingertips of users across the State.
COMMERCIAL PACE

Energize NY PACE Finance provides convenient P.A.C.E. (Property Assessed Clean Energy) financing for energy efficiency and renewable energy projects in commercially and nonprofit owned properties in New York State. Eligible projects include solar PV, efficient lighting, chillers, energy storage, biomass, insulation, efficient heating or cooling, smart controls or combined heat and power.

Energize NY PACE Finance:

- Interest rates are 4 - 6.5% with flexible terms 5-20 years, subject to market conditions.
- Up to 100% of the cost of a project is financeable – no down payment is required.
- Energize NY (PACE) Finance allows repayment through a special tax charge in Energize NY participating jurisdictions utilizing money from energy improvement savings.
- Financing transfers automatically to a new owner upon sale (as well as the improvements), eliminating the need to pay it off.
- Combines seamlessly with state and local energy incentive programs and federal tax benefits.
- Financing available for energy improvements in existing commercial property including: office, hospitality, retail, institutional, multifamily, light industrial, non-profits, commercially-owned residential, agricultural.

Energize NY Criteria:

- Energy improvement Savings-to-Investment ratio must be greater than one (1).
- Annual energy cost savings from improvements must be greater than annual finance payments.
- Property’s existing Loan-to-Value ratio no greater than 80%.
- Financing available up to 10% of the value of the property.
- No bankruptcy within last 7 years.
- At least 3 year history of timely property tax payments.
- Existing mortgage holder consent required.
- Project must be located in member municipality who participates in the Energize NY Finance program. List of participating members here.

To learn more about Energize NY financing please visit their website here or call (914) 302-7300.
DEMO
Contact us at solarportal@cuny.edu