

# NYC Grid Ready

- **Solar Potential Analyzed**
  - This tool uses data from the NY Solar Map to estimate an optimal size of a PV system based on solar radiation and roof topography.
- **Spot or Isolated Network**
  - Buildings are analyzed for connectivity it see if the site is on a spot or isolated network.
- **Service Capacity**
  - The existing service cables are analyzed for their capacity to handle the PV system size.
- **Network Capacity**
  - The load area network is analyzed to evaluate if it can absorb the rated solar export potential.

The screenshot displays the NYC Solar Map website interface. At the top, there is a navigation bar with links: NY SOLAR MAP, Going Solar, Installing Solar, Financing Solar, Solar+Storage, Resources, and NYC Solar. Below the navigation bar, the main content area is divided into two columns. The left column contains a search form with the heading "Find Your Solar Potential". It includes an input field for "Enter your address", a dropdown menu for "or jump to" (currently set to "New York City"), and radio buttons for "Which best describes you?" (Residential, Commercial, Installer, Municipal / Non-profit). There is also a dropdown for "Available map layers" (set to "Installed Capacity") and a link to "Add your system to the map". Below the form are four icons: Solar Statistics, Calculator In Your Area, Advanced Tools, and a fourth icon. The right column features a large heatmap of a city block, with a legend at the bottom. A "Distributed Generation Information" button is located at the bottom right of the heatmap. Below the heatmap, there is a section titled "Grid Ready Information" with a "learn more" link. This section contains a table with the following data:

Building	Solar Potential Analyzed
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Interconnection Preliminary Review	Result
Building is not on a spot or isolated network?	---
Building has service capacity to accommodate potential PV export?	---
Minimum load in the surrounding area is high enough to accommodate potential PV export?	---

To the right of the table is a "Summary" box containing the text: "To use this tool you need to first enter an address above or select a building. You can also review the NYC Grid Ready Fact Sheet for more information." At the bottom of the page, there is a disclaimer: "DISCLAIMER: Con Edison completed a preliminary analysis ("Analysis") to determine if there are foreseeable utility grid upgrades as of the time of the posting that are required to interconnect the potential PV system size listed. This Analysis should only be used as a rough guide to understand potential required upgrades to install a large PV system on this site and is not a substitute for any element of the Standardized Interconnection Requirements process that must be followed for any interconnection governed by that process. As noted, the Analysis was completed in January- June of 2016 and will necessarily change with time. Con Edison is not responsible for the information included on the NYC Grid Ready website. The information presented in Grid Ready reflects the system characteristics as of September 2016."