Shared Solar for Everyone: Community Solar & Remote Net Metering

Lucie Dupas
Sr Engineer, EnterSolar LLC

entersolar
solar for business

What is Net Metering?

entersolar
solar for business

What is Net Metering?

Net Metering

- For installations behind a utility bidirectional meter
- Allows a solar generator to export power to the grid when the building cannot consume the energy
- Great for installations on

  a solar friendly roof

What about…

- Shaded roofs?
- Obstructed roofs?
- Old roofs that need to be replaced or reinforced?
- Coops and Condos?
- Locations where the grid cannot accept export?

➢ Solutions exist, but at a very high cost

What is Remote Net Metering?

entersolar
solar for business

Skyscraper Application

Community Solar/Remote Net Metering allows sites with poor solar characteristics but significant onsite energy consumption to benefit from solar systems installed on alternative sites with excellent solar characteristics.The transfer of energy credits through **Remote Net Metering** makes **“Solar Sharing”** possible.

1 Sun Generates Energy

2 Sun’s Energy Converted to Electricity

3 Meter Registers Energy

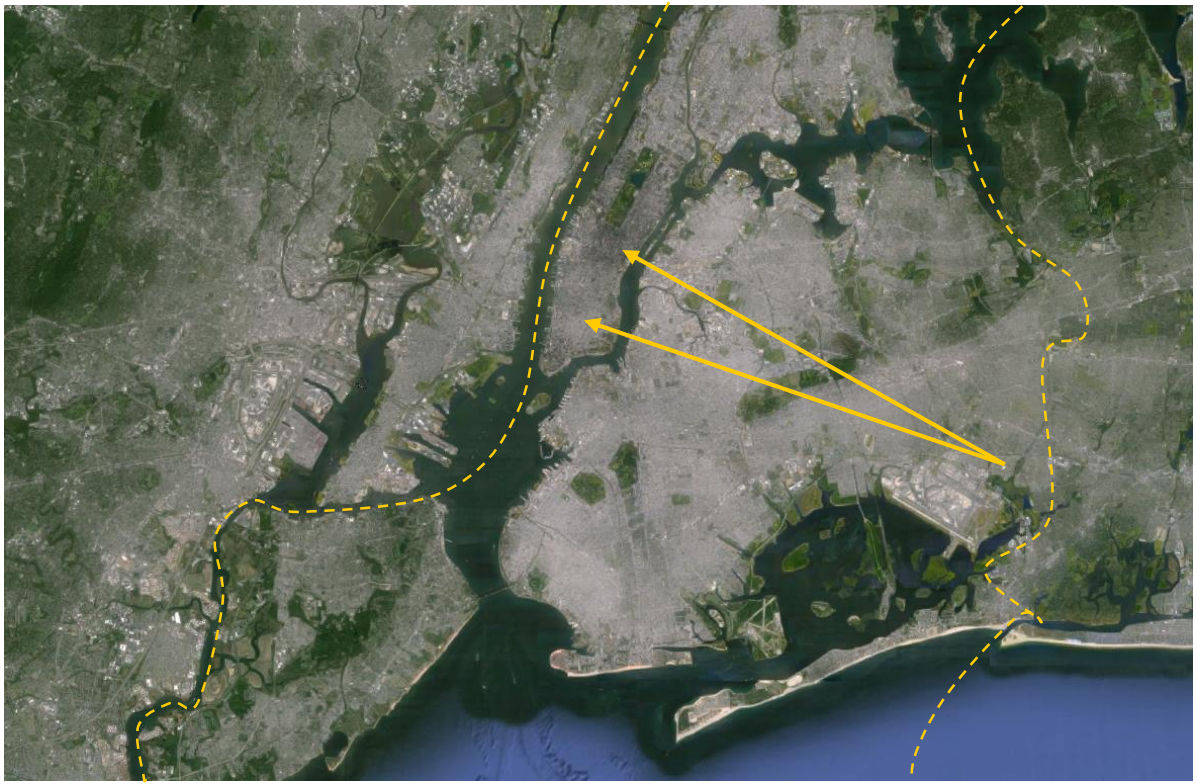
4 Registered Energy Converted to Energy Credits

5 Skycrapers Use Energy Credits

entersolar™
solar for business

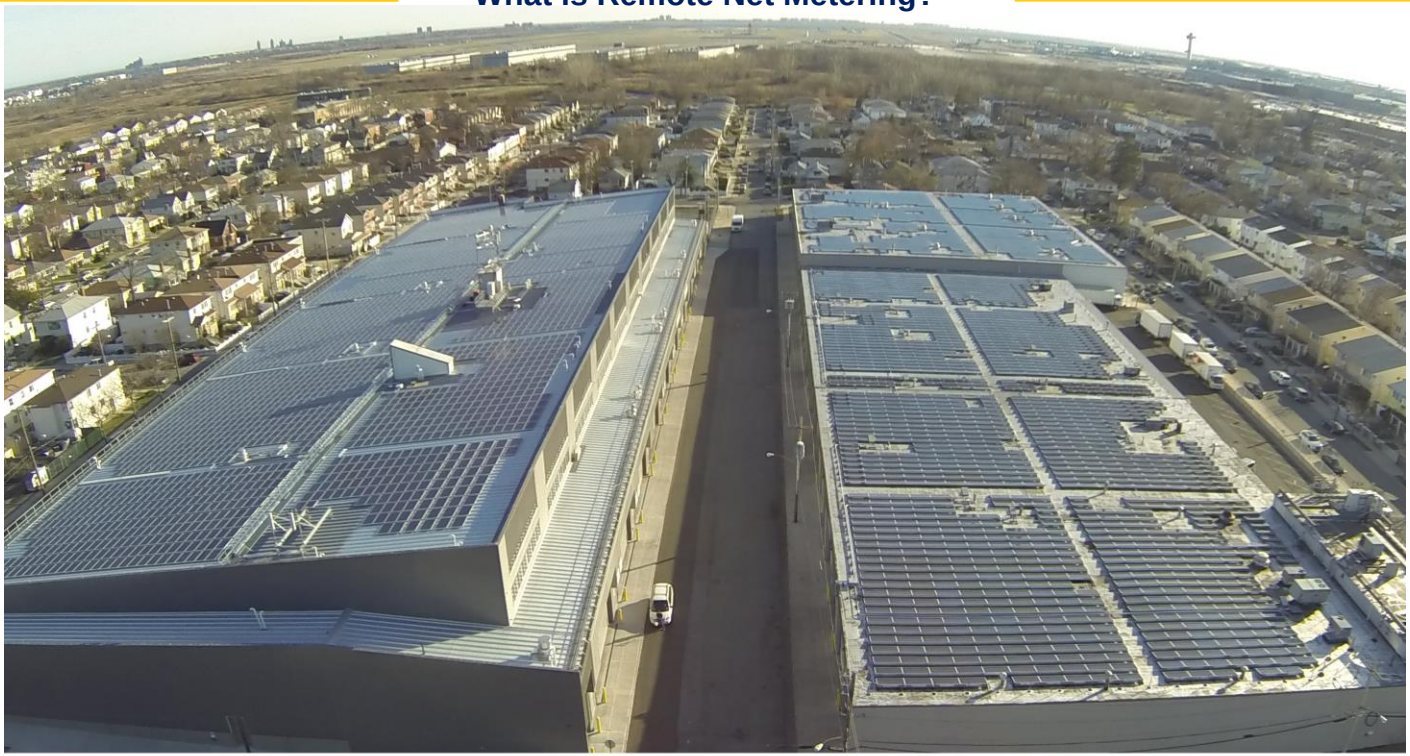
What is Remote Net Metering?

- Same utility
- Same NYISO zone
- 1 offtaker per solar interconnection



Zone J

What is Remote Net Metering?



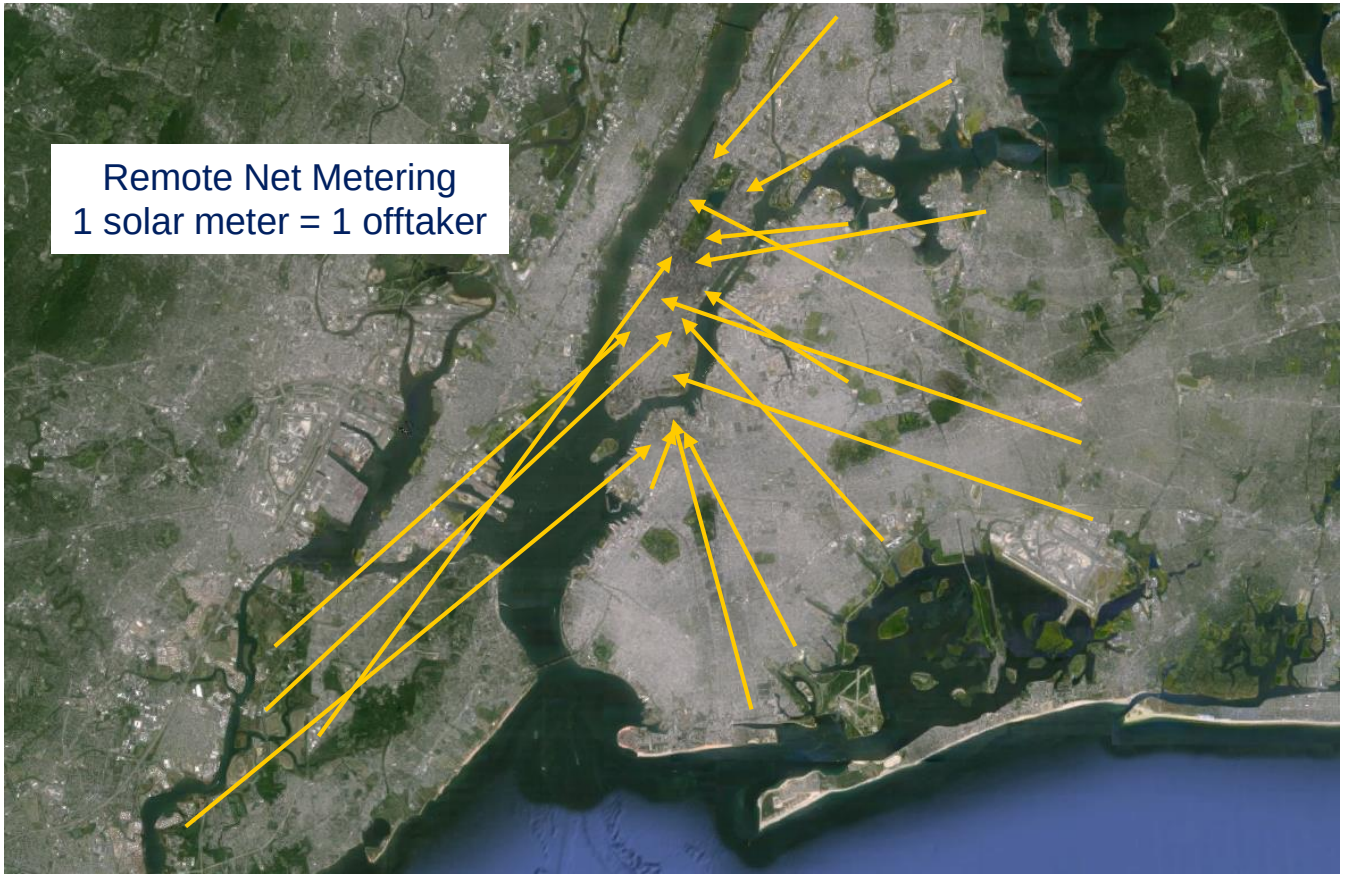
entersolar™
solar for business

Bloomberg L.P. – JFK Airport Park Solar Project

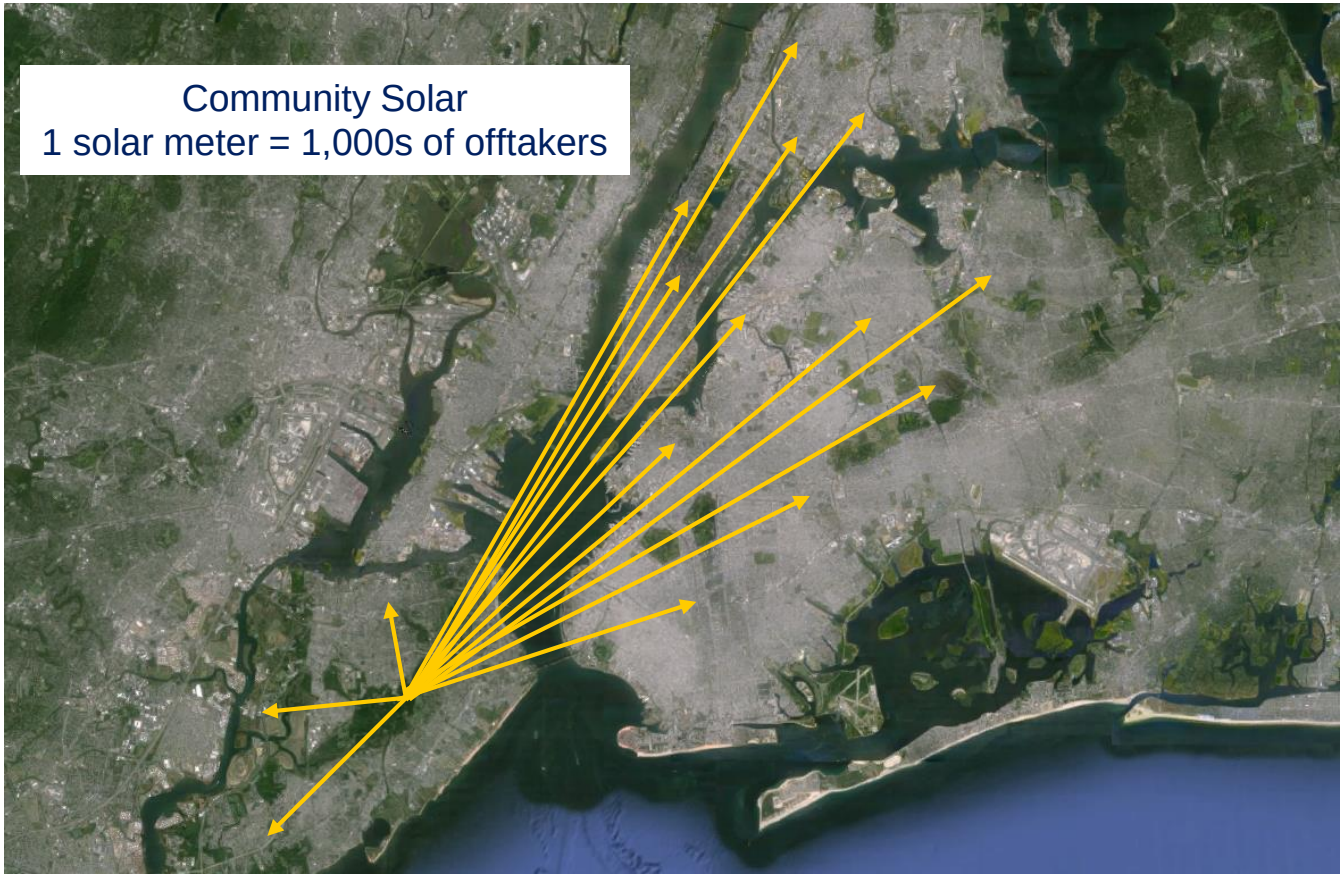
What is Community Solar?

entersolar
solar for business

What is Community Solar?



What is Community Solar?



Residential or Mixed Use Application

Community Solar/Remote Net Metering allows sites with poor solar characteristics but significant onsite energy consumption to benefit from solar systems installed on alternative sites with excellent solar characteristics.The transfer of energy credits through **Remote Net Metering** makes **"Solar Sharing"** possible.

1 Sun Generates Energy

2 Sun's Energy Converted to Electricity

3 Meter Registers Energy

4 Registered Energy Converted to Energy Credits

5 Homes Use Energy Credits

entersolar™
solar for business

Example 700kW ground mount system

What is Community Solar?

- Very cost effective, large scale solar installation
- Offset high cost of residential energy bills
- Avoid site issues seen on many buildings
- Can be financed in various ways
- No 20 year commitment necessary
- No headaches

Shared Solar for Everyone!

entersolar
solar for business