



System Details:

- **System Size:** 43.56 kW
- **Panels and Inverter type:**
(125) SunPower X22 -360
modules w/ optimizers. (3)
Solaredge Inverters w/
monitoring
- **Batteries:** 9.8 kWh – (4) LG
Chem RESU 10H
- **Incentives:** Eversource Net
Metering, ITC, and State
Rebate

Solar & Energy Storage

Norwalk, CT

This particular client is within Norwalk's Third Taxing District (local utility). The home solar solution was originally designed to be a 44kW until the TTD only limited them to a 12.5 kW, because the dated grid could not support any additional energy beyond that. Of course this was a disappointment to the client and they asked PurePoint Energy to come up with a solution if possible. That solution was solar batteries. The idea is that whenever the solar is producing more than 12.5kW + the amount they are using, the excess power would then go into the batteries. When the sun goes down, the customer will use the kWh stored in the battery. In the end, the client got their desired sized system and became energy independent.

This system is estimated to produce 14,047 kWh in year one!

Environmental Equivalencies

24,645 – Miles driven by average passenger vehicle.

10,493 – Pounds of coal burned.

377 – Incandescent bulbs switched to LEDs.

164 – Tree seedlings grown for 10 years.