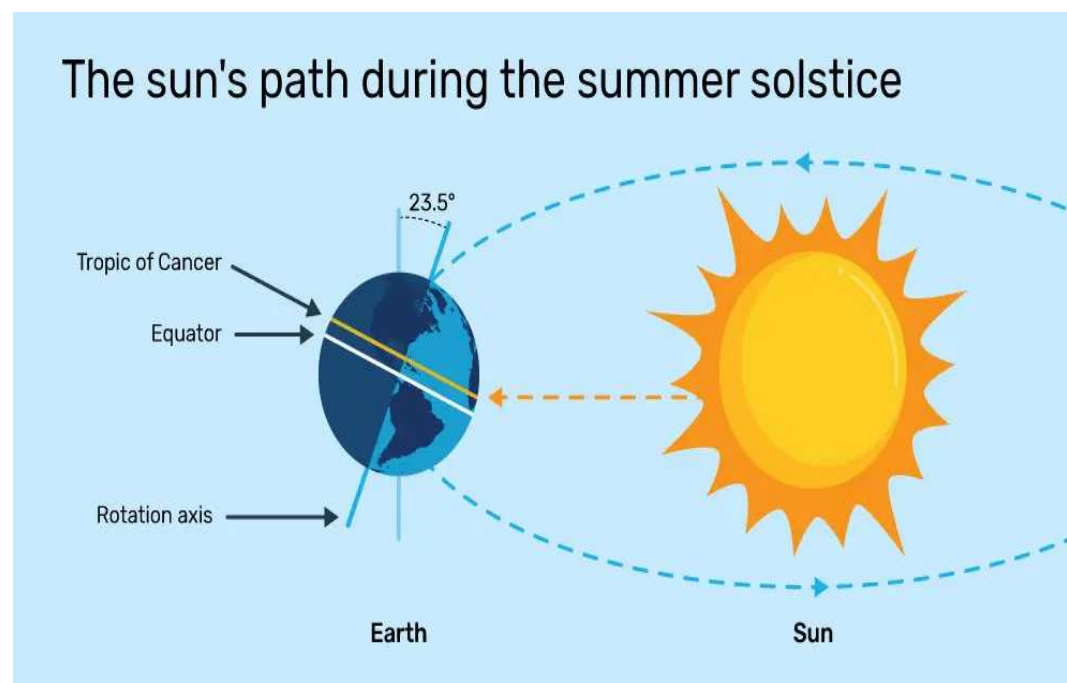




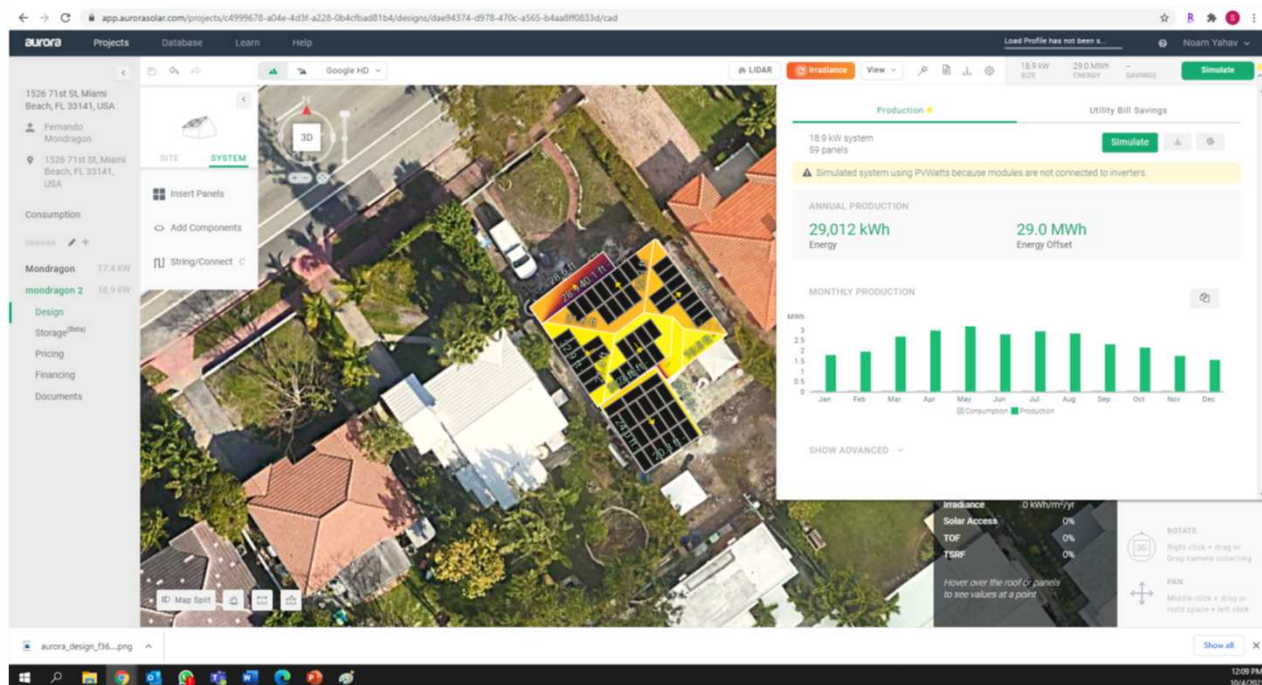
Fernando Mondragon
1526 71st St
Miami Beach, Florida 33141
Rooftop PV Solar System

Solar Panel Placement

The best solar panel orientations	
Your goal	Best direction
Maximize solar power output	South
Take advantage of net metering	South
To pair with battery/reduce grid reliance	South
Minimize impact of high Time of Use (TOU) rates	South and southwest



Solar Power Production



Power Production- 1526 71st Street

- The current power usage is 38,373 KWH per year
- The current daily power usage is 105.13 KWH
- The average FPL bill per month is \$391.50
- For the solar panels to produce that amount of power per day, and equally throughout the year, the residence requires 59 panels. Each panel produces 305 watts of power to give a total of 17,995 watts which will allow these panels to produce enough power during the sunlight hours to power the house to its entirety.