



Project Highlights



1.032 MW
System Size



1.205 GWh
Annual Generation



1,003 acres of forest
Annual Carbon Sequestration
Equivalent



931,566 Pounds of Coal
Not Burned Annually

A Project of United Innovative Design

Goal

As a proponent of renewable energy, United Therapeutics was searching for a bold energy solution for their new headquarters in downtown Silver Spring. Considering the anticipated energy usage for the new building, the system design for the net zero project would have to utilize a number of different energy-capturing solar structures to meet their goals.

Aurora Energy's Solution

Through bold innovative design, Aurora Energy was able to find the solutions that met United Therapeutics' needs with solar trays, solar facade, solar wall and a solar canopy utilizing a total of 2,974 modules and a bank of 28 utility inter-tied inverters.

Customer's Results

Dubbed the "Unisphere" the new United Therapeutics building utilizes several different technologies including geothermal and electrochromic enveloping in conjunction with the PV systems in order to achieve net zero status. The 1.032 MW system is projected to produce 1.205 GWh of electricity annually, feeding any excess back into the grid. The result is a new kind of sustainable workplace, where employees benefit from open spaces powered by onsite sourcing, an example of what's possible for future structures.



Aurora Energy

Solar provider since 1994