

Dulles Solar + Storage



Renewable Energy and Clean Transportation Take Flight

Dominion Energy and the Metropolitan Washington Airports Authority (MWA) are teaming up to develop the largest renewable energy project ever at a U.S. airport. Spanning across 835 acres at Dulles International Airport, the project will combine utility-scale solar and reliable battery storage to power more than 37,000 Virginia homes.

The project also includes a first-of-its-kind lease agreement that will further advance renewables and clean transportation at Dulles. Instead of annual lease payments to Dulles, Dominion Energy Virginia will develop two solar carports to partially power Dulles facilities, and provide 18 electric buses, 50 electric vehicles and electric vehicle charging stations for Dulles operations.

Construction will begin in late 2023 and is expected to be complete by late 2026.

"This is an exciting moment for the future of clean, reliable energy, not only for Virginia but for the entire nation. Thanks to our strong partnership with MWA, millions of travelers flying in and out of Dulles every year will see this powerful symbol of the clean energy transition. Just as air travelers can always count on Dulles to reach their destination, our customers can always count on us to deliver reliable and increasingly clean energy."

Bob Blue,
Chair, President and CEO,
Dominion Energy



In addition to utility-scale solar and battery storage, the project includes a new fleet of electric buses and vehicles for Dulles operations (above), and two solar carports to partially power Dulles facilities (reverse side).



“This partnership will result in the largest renewable energy project ever developed at a U.S. airport. It’s just one of many ways the Airports Authority is constantly working to be a good steward of the environment. We look forward to working with Dominion Energy to help provide emission-free electricity to serve the growing energy needs of the Dulles community and the National Capital Region.”

Jack Potter
President and CEO,
Metropolitan Washington Airports Authority

Clean Energy



100 megawatts (MW) of solar + 50 MW of battery storage



37,500 Virginia homes powered by clean energy



Two 1-MW solar carports to power Dulles facilities

Clean Transportation



18 electric buses



50 electric fleet vehicles



Electric vehicle charging stations

Jobs & Economic Development



\$200 million in economic activity



300 construction jobs