

## Brentwood Reservoir Community Solar

*Status: Complete*

**Working Power co-developed a 1.8 MW community solar project on D.C. Water's capped Brentwood Reservoir, located in Ward 5. We partnered with National Housing Trust, a non-profit affordable housing advocate local to D.C., and SunLight General Capital on this exciting project.**

This project provides reduced electricity cost to low-income residents of the District; includes co-ownership with National Housing Trust; and, includes lease payments to local, non-profit water utility D.C. Water.

**This will be one of D.C.'s largest community solar projects, providing energy for over 500 low-income residents, effectively cutting their energy bills in half.** The total project cost \$5 million to construct and will generate \$8 million in local benefits including energy cost savings, community partner revenue, and lease payments to the local non-profit water utility. The project was financed through a combination of funding support from DCSEU's Solar for All program, equity investment from Working Power, Sunlight General Capital and the National Housing Trust, as well as a \$2.5 million construction loan from Working Power.

Beyond the direct energy savings and revenue generation, this project delivers additional community benefits. D.C. Water, in partnership with Casey Trees and the Cherry Blossom Festival, has **approved a plan to plant over 100 trees on the site.** This will reduce the urban heat island and work to improve the District tree canopy. The project team worked closely with Casey Trees to select trees and specific locations that would not negatively impact the production of the system as the trees mature. Separately, the D.C. Department of Energy and Environment selected this project to **host students from KIPP school.** They toured the site and discussed the many career opportunities this and other community solar projects can provide.

Developed & Co-owned with  
**National Housing Trust**

Project  
Capacity **1.8 MW**

WPIF Loan Amount  
**\$2.5 mil**

Projected Overall  
Community Benefits  
**\$8 mil**

Total Development Cost  
**\$5 mil**

Completion Date  
**December 2025**

