

Bear Branch Solar Project



JULY 2026

Construction of Capital Power's Bear Branch Solar Project ("the Project") located near the Town of Walnut Cove remains on schedule for commercial operation of the 35-megawatt ("MW") project to begin in Q4 2026.



An aerial view of Capital Power's 35 MW Bear Branch Solar Project located near the Town of Walnut Cove. Construction is nearing completion with commercial operations anticipated in December.

Construction Project Report

Since construction began in June 2025, all 13 inverter/transformer stations have been installed. Crews have also installed approximately 90% of the Project's 92,400 photovoltaic (PV) modules and approximately 95% of the solar racking that supports them.

Substation energization is planned for August, marking a key milestone as the Project's infrastructure is safely connected to the broader electrical grid. The substation collects the low-voltage electricity generated by the solar panels and increases it to the higher voltage required for grid connection.



About us

Capital Power (TSX: CPX) is a leading North American independent power producer with approximately 12 GW of generation capacity across 35 facilities. Our portfolio includes natural gas, renewable energy and battery energy storage. Through a flexible, resilient fleet, we deliver utility-scale power to help meet growing electricity demand. With deep expertise and an investment-grade credit rating, we provide safe, reliable energy that communities can count on.



Construction Project Report continued

Energizing the substation will begin commissioning activities, which are expected to continue through November 2026 and include system testing, Supervisory Control and Data Acquisition (SCADA) and controls checks, and grid integration.

Mechanical completion is expected in July 2026, followed by substantial completion in November 2026 and commercial operation in December 2026.



The collector substation for Bear Branch Solar is nearing completion with energization planned for August.



A worker installing one of Bear Branch Solar's 92,400 First Solar Series 6 Plus photovoltaic modules.



Construction Hours

Construction work is currently scheduled during the following hours:

Weekdays and Saturdays: 7 am to 7 pm

Sundays: 7 am to 5 pm

Approximately 168 people are currently working onsite, representing peak staffing for the Project.

Community members can expect to see continued progress as Bear Branch moves toward full operation and begins supporting the region's energy needs. We appreciate your understanding and cooperation as we work to complete construction safely and efficiently.

Contact Us

Emily Brown

Business Development Manager
ebrown@capitalpower.com
857-276-5093

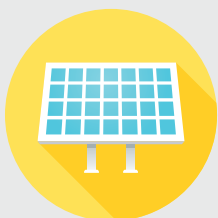
Mike Bradley

Construction Manager
mbradley@capitalpower.com
251-282-7809

Mailing Address

Capital Power
Biltmore Center
Suite 940
2398 E Camelback Road
Phoenix, AZ 85016

North Carolina Solar Progress



In addition to Bear Branch Solar, Capital Power is constructing the 73 MW Hornet Solar Project in Gaston and Lincoln Counties and the 73 MW Maple Leaf Solar Project in the Town of Selma. Hornet Solar is expected to begin commercial operation in Q3 2026, followed by Maple Leaf Solar in Q2 2027. Once completed, the three solar projects will produce a combined total of 180 MW of renewable energy.

