Bear Branch Solar Project

APRIL 2026

Construction of the 34.5-megawatt ("MW") Bear Branch Solar Project ("the Project") located near the Town of Walnut Cove began in June 2025. Construction is on track for the Project to begin commercial operations in Q3 2026. Once complete, Capital Power will operate Bear Branch Solar under a 25-year Power Purchase Agreement with Duke Energy Carolinas.

An aerial view of part of the Bear Branch Solar Project. Once complete, the Project will consist of more than 92,000 ground-mounted photovoltaic (PV) modules. The modules are mounted on a horizontal single-axis tracking system, that automatically changes the angle of the modules throughout the day as the sun passes from east to west, allowing for the capture of the maximum amount of solar energy.

Construction Project Report

Civil construction activities continue to advance across the 320-acre site, and major equipment deliveries are underway, including panels, inverters, and key substation components.

Mechanical construction has begun on the southern portion of the site, where teams are actively installing tracking systems and solar modules (Pictured above). At the same time, electrical crews are trenching and laying cabling across the property to support future power connections. Substation construction teams are preparing to mobilize in April, marking the next significant phase of development.

About us

Capital Power (TSX: CPX) is one of North America's leading independent power producers, with approximately 12 GW of generation capacity across 35 facilities. Our portfolio includes natural gas, renewables and battery energy storage solutions. We deliver power generation at utility-scale through a flexible and resilient fleet built to meet growing electricity demand. Backed by deep expertise and an investment-grade credit rating, we provide safe, reliable power communities can depend on.

Powering Change by Changing Power™

Spring Construction Hours

Please be advised that construction hours have been revised to take advantage of the extended daylight during the spring season to support timely completion of the project.

Effective **April 1, 2026**, working hours will change from the previous schedule of 7am to 5pm, Monday through Friday, to the following:

Monday to Saturday: 7am to 7pm

Sunday: 7am to 5pm

There are approximately 160 people working toward achieving commercial operation of Bear Branch Solar in the second half of 2026. Community members can expect continued visible progress as Bear Branch moves closer to becoming a fully operational facility supporting the region's energy needs. We appreciate your understanding and cooperation as we work to complete the project as efficiently as possible.

Contact Us

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