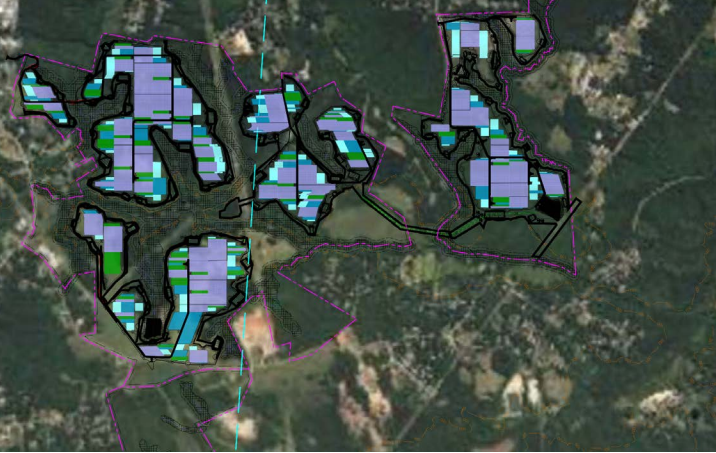


# Hornet Solar Project

Capital Power is excited to be starting construction of the 73-megawatt (MW) Hornet Solar Project (“the Project”) in late August 2024. The project received a Conditional Use Permit and Specific Use Permit from Gaston and Lincoln Counties in 2020 allowing construction to proceed. The project is located on approximately 525 acres of privately-owned land.



Located in the west end of Gaston County and the north end of Lincoln County, Hornet Solar will consist of approximately 185,000 photovoltaic modules.



Capital Power is one of the largest independent power producers in North America and owns approximately 3,000 MW of power generation capacity from a total of 12 facilities in the United States, which include natural gas, wind and solar generation.

We are excited to bring the Hornet Solar project online in Q2 2026 and look forward to being part of your community. Once complete, Capital Power will operate Hornet Solar under a 25-year Power Purchase Agreement with Duke Energy Carolinas.

## Solar Experience

We have strong experience in the development, construction and operation of solar generation facilities. Capital Power completed the 15 MW Beaufort Solar facility in Chocowinity, North Carolina in 2015 and since then has completed an additional 116 MW of solar generation at two facilities located in Alberta, Canada.

We are currently developing three solar projects in North Carolina that will produce a combined total of approximately 180 MW of renewable energy that is targeted for completion in 2025 and 2026, respectively.

Project	Location	Capacity	Expected Completion
Hornet Solar	Gaston County and Lincoln County, NC	73 MW	Q2 2026
Bear Branch Solar	Stokes County, NC	35 MW	Q2 2026
Maple Leaf Solar	Town of Selma, NC	73 MW	Q4 2026

## About Us

Capital Power (TSX:CPX) is a growth-oriented power producer committed to net zero by 2045, with approximately 9,300 MW of power generation at 32 facilities across North America.

We prioritize delivering reliable and affordable power communities can depend on today, building clean power systems needed for tomorrow, and creating balanced solutions for our energy future.

Powering Change by Changing Power™



## Project Overview

Hornet Solar will consist of approximately 185,000 ground-mounted photovoltaic (PV) modules mounted on a horizontal single-axis tracking system. The tracking system will automatically change the angle of the panels throughout the day as the sun passes from east to west allowing for the capture of the maximum amount of solar energy.

The First Solar Series 6 Plus modules are responsibly produced, ultra-low carbon thin film solar modules. The panels have an anti-reflective coating to eliminate glare and will also utilize bifacial PV panel technology, which absorbs light from the top and bottom of the panel resulting in increased efficiency and output.

The project will also require 27 inverter/transformer stations, an electrical collection system, internal access roads, underground transmission line and a substation. The project will be enclosed with a chain link perimeter fence.

## Anticipated Construction Schedule

Activity	Timing
Site surveying	Current until Sept.
GeoTech	Complete
Construction mobilization	Aug. 30, 2024
Equipment deliveries	Starting in Aug. 2024
Piling/post installation	2025
Racking installation	2025
Cabling/collection system installation	2025
Solar module installation	2025
Inverter installation	2025
Commissioning	Q1 2026
Anticipated COD (Commercial Operation Date)	Q2 2026



## Construction Traffic and Hours

Initially, construction traffic will utilize Drew Road as the main access to the project site. Two more entrances will be established off Old Beatty Road and June Dellinger Road. Regular construction activities are scheduled from 7 am to 5 pm Monday to Friday, with approximately 50 workers at peak construction.

### Contact Us

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