

## PDEOZE PowerContainer

# 5 MW of solar energy in Georgia



## Overview

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This report was produced by the Carl Vinson Institute of Government at the University of Georgia. The report was authored by Julia Dietz, Public Service Assistant Faculty, and McKenna Eavenson, Program Coordinator, of the Electric Mobility and Energy team. Review and editing were provided by.

Georgia Power has received approval from the Georgia Public Service Commission (PSC) to certify five new utility-scale solar project power purchase agreements (PPAs) to benefit its customers as well as supply the company's Clean and Renewable Energy Subscription (CARES) 2023 program. Third-party.

This is one of 20 Drawdown Georgia Climate Solutions to reduce carbon emissions tailored to Georgia's unique characteristics. These solutions aim to reduce or draw down Georgia's carbon emissions while addressing "Beyond Carbon" factors, which include positive, equitable health and economic.

The International Renewable Energy Agency (IRENA) says Georgia holds vast potential for solar, with most prime sites for deployment concentrated in the country's east, based on a recent zoning assessment. A significant portion of Georgia's land area is well suited to solar deployment, with a.

Private companies have announced \$4 billion in investment into the manufacturing of clean energy gener-ation technology in Georgia, the third highest in the country behind only Texas and California.<sup>1</sup> This invest-ment is expected to create 7,151 jobs and, of the total, 88 percent has been

announced.

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A significant portion of Georgia's land area is well suited to solar deployment, with a maximum development potential of up to 87 GW, according to a new report from IRENA.

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September 24, 2025 - TotalEnergies today announced the completion of 11 solar projects in Georgia, totaling 50 megawatts (MWdc) of distributed generation capacity.

As of May 2025, Georgia had over 16,300 megawatts (MW) of operating clean power generation capacity, enough to power approximately 3 million homes.<sup>3</sup> Of this total, 5,274 MW were from ...

Among the fastest-growing energy sources is utility-scale solar power. As of September 2025, Georgia ranks seventh nationally in installed solar capacity, with over 7,400 megawatts (MW) ...

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The Drawdown Georgia research team estimates that Georgia could reduce emissions by one megaton (Mt) of CO<sub>2</sub>e by adding ten new 100-MW utility-scale solar installations and 36 new 5 ...

Georgia Power's CARES program adds five solar farms across the state, totaling 1,068 MW, boosting clean energy for businesses and customers.

The Georgia PSC has approved five new PPAs under Georgia Power's CARES 2023 program, totaling 1,068 MW of solar capacity, with one project also including battery ...

The Drawdown Georgia research team estimates that Georgia could reduce emissions by one megaton (Mt) of CO<sub>2</sub>e by adding ten new 100-MW utility-scale solar installations and 36 new 5-MW community solar projects.

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Georgia's solar and storage market has taken off in recent years, landing it a top spot in SEIA's national solar rankings. During the 2024 session, an industry-supported decommissioning bill ...

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