

# SOUTH CAROLINA: Estill



Estill Solar Park is located approximately 90 miles west of Charleston in southeastern South Carolina. Located entirely within Hampton County, the solar park complements the area's timber and agricultural resources with a stable, drought-resistant cash crop in the form of landowner lease payments.

**20 MW**  
ONLINE SINCE 2017



Estill Solar Park produces enough electricity to power more than **3,000** South Carolina homes.<sup>1</sup>

## Economic Benefits



Estill represents a capital investment of approximately **\$36 million**.<sup>2</sup>



Approximately **\$180,000** in cumulative payments to local governments through 2019.<sup>3</sup>



More than **\$330,000** paid to local landowners through 2019.



Created **65** full-time equivalent jobs during construction and **2** permanent jobs during the life of the project.<sup>4</sup>

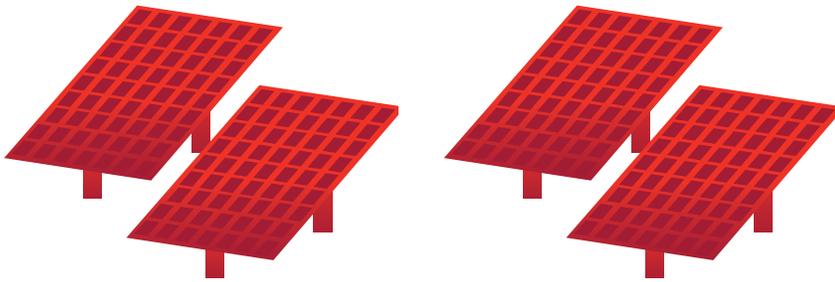


**\$3.3 million** spent within 50 miles of the solar park through 2019.<sup>5</sup>



South Carolina Electric & Gas purchases energy from Estill.<sup>6</sup>

# Panel Technology



Estill Solar Park consists of approximately **55,000** solar photovoltaic panels.

## About Us

EDP Renewables North America LLC (EDPR NA) and its subsidiaries develop, construct, own, and operate wind farms and solar parks throughout North America. Headquartered in Houston, Texas, with 52 wind farms, eight solar parks, and seven regional offices across North America, EDPR NA has developed more than 7,300 megawatts (MW) and operates more than 7,000 MW of renewable energy projects. With more than 700 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

EDPR NA is owned by EDP Renováveis, S.A. (EDP Renewables or EDPR), a global leader in the renewable energy sector and the world's fourth-largest wind energy producer. With a sound development pipeline, first-class assets, and market-leading operating capacity, EDPR has undergone exceptional development in recent years and is currently present in 14 markets (Belgium, Brazil, Canada, Colombia, France, Greece, Italy, Mexico, Poland, Portugal, Romania, Spain, the United Kingdom, and the United States). Energias de Portugal, S.A. ("EDP"), the principal shareholder of EDPR, is a global energy company and a leader in value creation, innovation, and sustainability. EDP has been included in the Dow Jones Sustainability Index for 13 consecutive years.

For more information, visit  
[www.edpr.com](http://www.edpr.com) or [www.edprnorthamerica.com](http://www.edprnorthamerica.com)

<sup>1</sup>Power generation calculated using a 25% capacity factor for solar based on [February 2020 EIA average solar capacity factor](#). Household consumption based on the [2018 EIA Household Data monthly average consumption by state](#).

<sup>2</sup>Assumes the average cost of an installed solar photovoltaic system is \$0.90/watt for a utility-scale project. Based on [2019 SEIA U.S. Solar Market Insight](#).

<sup>3</sup>Cumulative local government payments from 2010 through 2019.

<sup>4</sup>Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

<sup>5</sup>Includes vendor spending, property taxes, landowner payments, and wages from site jobs. These numbers are presented for example purposes only, and actual payments may vary.

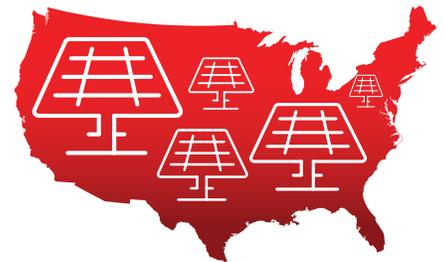
<sup>6</sup>Estill Solar Park Offtakers: South Carolina Electric & Gas (PURPA).

<sup>7</sup>Assumes 0.58 gallons of water consumed per kWh of conventional electricity from [Lee, Han, & Elgowainy, 2016](#).

<sup>8</sup>Based on [2019 SEIA U.S. Solar Market Insight](#).



Estill Solar Park saves more than **35 million** gallons of water each year.<sup>7</sup>



**POWERING THE USA**  
In 2019, solar represented nearly 40 percent of new electricity generating capacity in the U.S.<sup>8</sup>



Estill Solar Park provides energy security and helps diversify supply.



**renewables**

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