## Solar power for a bright future Entergy Mississippi solar project



Entergy Mississippi launched the state's first utility-owned solar project as part of its commitment to a diverse energy portfolio. Three 500 kW solar stations, located in DeSoto, Hinds and Lincoln counties, track everything from how much CO<sub>2</sub> was offset to how many houses could be powered for a year from the energy the stations produced. Today, they continue to be a part of our diverse power generation resources.

With lessons learned from these three original solar projects, Entergy Mississippi is committed to delivering the cleanest, most affordable energy to its customers. Entergy Mississippi brought a 100-megawatt facility in Sunflower County online in 2022. The Sunflower Solar Station is the largest utility-owned solar farm in the state. Under Entergy Mississippi's EDGE program, another 1,000 megawatts of solar will be added to our generation portfolio.



Sunlight hits the solar panels.

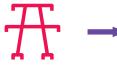


Solar Panels The solar panels convert sunlight into DC electricity.



## DC/AC Inverter

The DC electricity moves to an inverter that converts it into AC electricity.



## Transmission

The AC electricity travels through the power grid to homes and businesses.



## Consumption

Electricity generated by solar power is consumed by our customers.

