



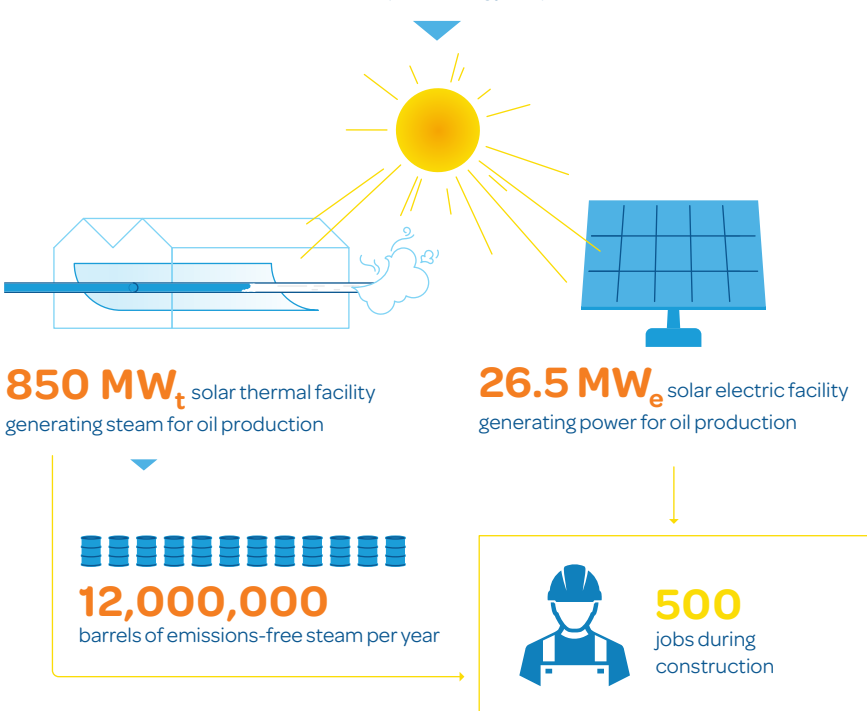
Belridge Solar

Innovating California's Energy Production

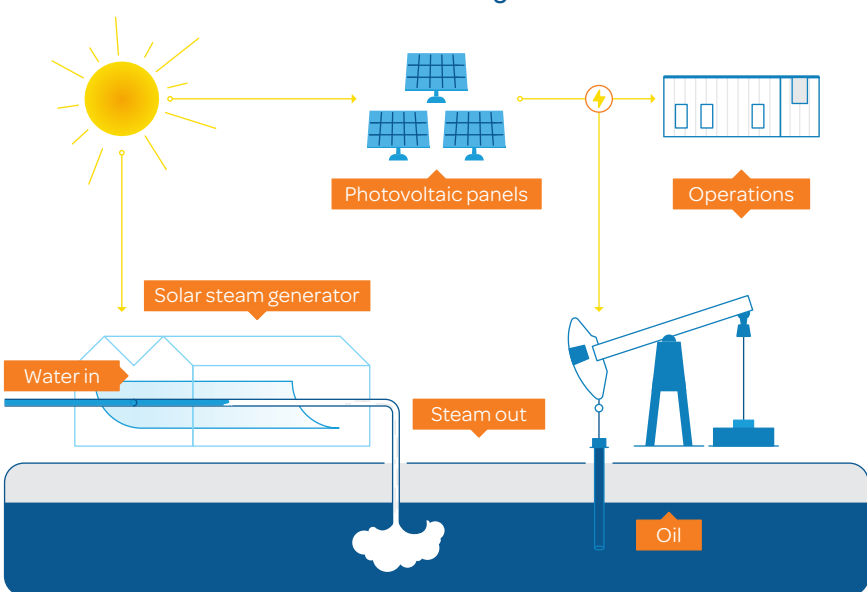
Aera Energy is building California's largest solar energy project with GlassPoint Solar in Kern County – the first of its kind in the world, using solar steam and solar electricity to power oilfield operations.

The Largest Solar Project in California

based on peak energy output



Solar Powering Oil

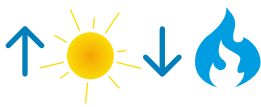


GlassPoint's enclosed trough technology is the only solar thermal solution built to meet the unique needs of the oil industry. Using curved mirrors to focus sunlight, water is heated in boiler tubes and converted to steam. As steam is traditionally made by burning natural gas, this innovative technique reduces the need for this valuable resource on the oilfield.

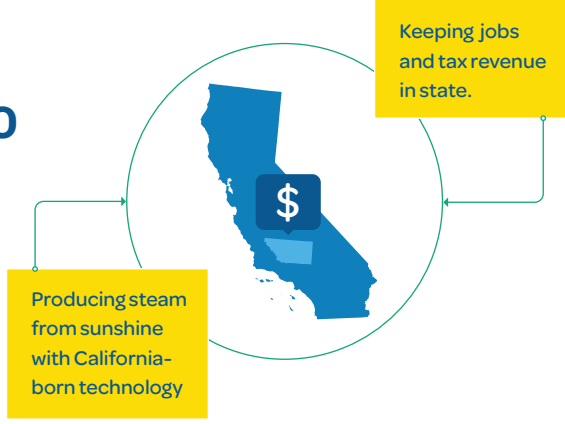
Belridge Solar

Replacing Natural Gas

4,870,000,000 cubic feet of natural gas per year

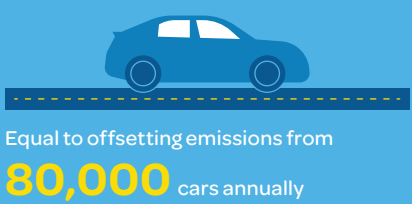


The solar steam and electricity will replace gas imported from out of state



Reducing Carbon Emissions

376,000 tons of CO₂ emissions saved annually



Equivalent of offsetting annual emissions of **1 in 3** homes in Bakersfield



Belridge Solar Impact

The Belridge solar project provides a sustainable solution to produce California's energy, reducing the need for imported gas and reducing environmental impact.



Creates Jobs



Conserves Resources



Improves Air Quality

Partnering for a lower-carbon future



Learn more: www.GlassPoint.com/belridge

Sources

<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>
<https://suburbanstats.org/population/california/how-many-people-live-in-bakersfield>
<https://www.fueleconomy.gov/>