

## Ecopetrol starts production at 50-MW solar farm in Colombia

Apr 14, 2026 2:34:46 PM | Article by Steliana Diunisir

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# Ecopetrol starts production at 50-MW solar farm in Colombia

Apr 14, 2026, 2:34:46 PM | Article by [Sladjana Djunicic](#)



Colombia's state-controlled oil company [Ecopetrol](#) SA (NYSE:EC) has started generating electricity at a 50.1-MW solar farm in the Meta department to supply its upstream operations.



Solar farm. Author: Martina Markosyan

The Quifa solar farm, developed jointly with Canadian oil and gas company Frontera Energy Corp (TSE:FEC), is located in Puerto Gaitan and will provide renewable electricity to their Quifa, Rubiales and Cano Sur oil fields, [Ecopetrol](#) said on Monday.

The plant, equipped with more than 81,800 solar panels, is expected to generate around 76.1 GWh annually, equivalent to the electricity consumption of about 42,000 Colombian households.

It is unclear whether Quifa operates at full capacity. [Ecopetrol](#) [said earlier this year](#) that an initial capacity of 18 MW would come online in during the first quarter, with electricity delivered progressively to the three oil fields for self-consumption.

The company said the solar farm would improve energy self-sufficiency at its operations, reduce exposure to fossil fuel price volatility and lower operating costs by integrating renewable power into hydrocarbon production.

The company expects the plant to cut carbon dioxide emissions by more than 11,500 tonnes per year, equivalent to removing around 4,300 gasoline-powered vehicles from the road.

The Quifa project is the second-largest solar installation in [Ecopetrol's](#) portfolio and is part of its broader strategy to integrate renewables into oil and gas operations and reduce emissions intensity.

The oil major recently approved to [absorb an entity](#) holding a 128-MW operational solar farm in Colombia to streamline the management of its renewable energy assets.

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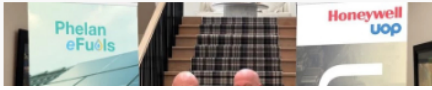


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