

# Agri-Solarpark Epfendorf, Baden-Württemberg

Brief description	<p>In July 2020, Europe's largest vertical, bifacial agrivoltaic system was built in the Donaueschingen district of Aasen. Around 11,000 bifacial solar modules were mounted on a total of 5,800 rack elements on a module field area of around 12 hectares.</p> <p>The subsequent agricultural use will be carried out by the previous farmer. The 10 m wide spaces between the rows will continue to be used for the production of hay and silage. In addition, three further rows of modules are used for arable farming trials.</p> <p>The Agri-PV system supplies 1,400 households with renewable electricity. The operator is Bürgersolarkraftwerke Donaueschingen-Aasen GmbH.</p>
Commissioning	2024
Annual energy yield	Ca. 4000 MWh/year
Output	3,3 MWp
Orientation	Vertical East-West
Technology	Heterojunction (100%)
Utilization	Grassland, clover grass, wheat, barley, field bean, spelt
Electricity use	Grid feed-in according to EEG with integrated battery storage

