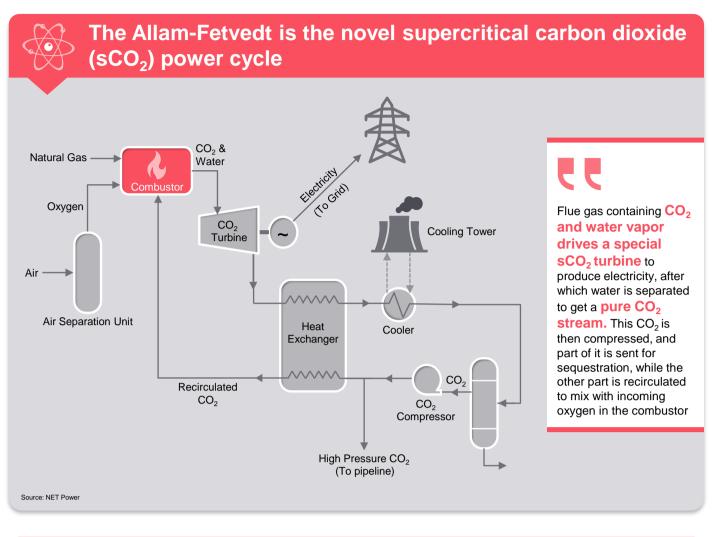
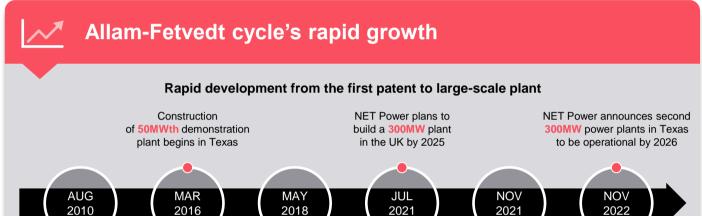
FutureBridge

ALLAM-FETVEDT CYCLE



The Allam-Fetvedt is the novel supercritical carbon dioxide (sCO_2) power cycle which is used to reduce emissions. It utilizes a highly recuperated cycle with oxycombustion of carbon fuels and a high-pressure supercritical CO_2 working fluid to absorb all emissions by design. Liquid water and a stream of ultra-pure, pipelineready CO_2 are the sole by-products.







Rodney Allam



at Texas

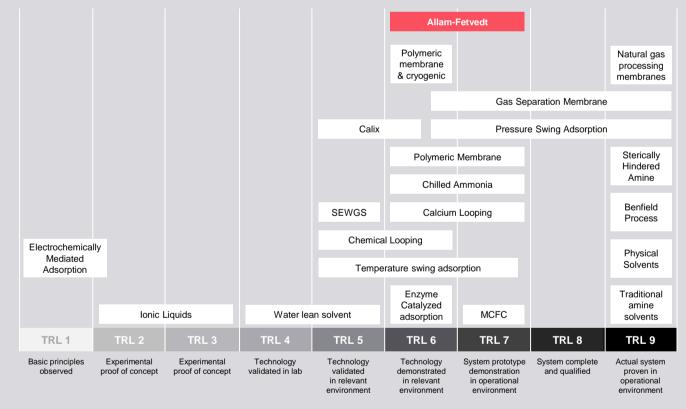






Allam Fetvedt cycle-based projects are actively being explored on a commercial basis

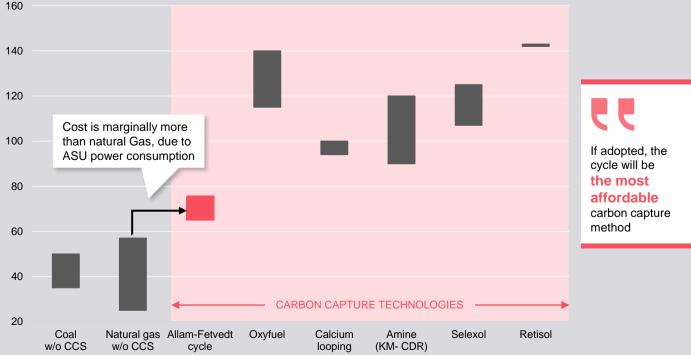
The Allam-Fetvedt cycle is deemed to gain popularity soon because of its ability to abide with net zero emission standards. The technology has the potential to deliver clean, dependable, and cost-competitive load-following electricity, which is the ultimate goal of energy security



Source: Global CCS Institute, FutureBridge Analysis

The Allam-Fetvedt cycle is capable of reaching cycle efficiency up to 59%

Cost of electricity from power plants with CCS (€/MWh)



About FutureBridge

FutureBridge tracks and advises on the future of industries from a 1-to-25 year perspective.

We keep you ahead on the technology curve, propel your growth, identify new opportunities, markets and business models, answer your unknowns, and facilitate best-fit solutions and partnerships using our platforms, programs, and access to global ecosystems and players.

