

Fossil Fuel Combined Cycle Power System

Disclosure Number

200000796

Technology Summary

A device and process for producing low emission fossil fuel electricity using reformed natural gas, or synthesis gas, and solid oxide fuel cells. Theoretical cycle efficiency for fuel chemical energy conversion to electricity is in the range of 80 to 85%.

Inventor

JUDKINS, RODDIE R

Energy & Engineering Sciences Dir

Licensing Contact

CALDWELL, JENNIFER T

UT-Battelle, LLC

Oak Ridge National Laboratory

Rm 137, Bldg 4500N, MS: 6196

1 Bethel Valley Road

Oak Ridge, TN 37831

Office Phone: (865) 574-4180

E-mail: CALDWELLJT@ORNL.GOV

Note: The technology described above is an early stage opportunity. Licensing rights to this intellectual property may be limited or unavailable. Patent applications directed towards this invention may not have been filed with any patent office.