



## ***Truly Clean, Cheaper Energy***

*The World's First Direct-Fired, Oxy-fuel Supercritical CO<sub>2</sub> Power Plant*



### **Overview**

NET Power's plant demonstrates the Allam Cycle – a novel, oxy-fuel, highly-recuperated, supercritical CO<sub>2</sub> power cycle.

Project participants include NET Power, Exelon, McDermott, 8 Rivers Capital, and Toshiba.

The facility is a grid-connected power plant that will fully validate the Allam Cycle design, performance and operability.

CO<sub>2</sub> initially will be vented, but off-take pressure and quality will be validated and future offtakes will be evaluated.

Facility provides the world's only demo-scale platform for sCO<sub>2</sub> and oxy-combustion testing.

### **Key Specs**

**Size:** 50MWth

**Fuel Supply:** Natural Gas

**Oxygen Supply:** Pipeline

**Location:** La Porte, Texas

**Site:** Leased from Air Liquide

**Groundbreaking:** March 2016

**First Fire:** May 2018

**Status:** Testing Underway