

**AEREON**

CREATING A CLEANER PLANET

CASE STUDY #170403

GHOST SERIES ENCLOSED COMBUSTOR AB-200

PROJECT DETAILS

Location:	Rocky Mountains
Flow Rate :	1.75 MMSCFD
Inlet Pressure :	9" WC
Heating Value:	227 BTU/SCF
Application:	Coal Mine Methane Recovery



Aereon's GHOST Series Enclosed Combustor AB-200 was purchased by the client to recover methane from an abandoned coal mine in order to earn hydrocarbon credits. Prior to incinerating the gas, methane was simply venting to the atmosphere as it does from 1000's of abandoned coal mines across America. At the client's request the pilot assembly was modified in order to close the pilot gas upon proof of main burner ignition to conserve pilot gas and maintain proper pressure. Aereon's electrical engineering team was able to produce an panel compatible with the customers PLC software in order to achieve this goal. A huge win for the environment!

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