

**AEREON**

CREATING A CLEANER PLANET

CASE STUDY #170601

**AIR DEFENDER: TRUCK VAPOR RECOVERY
AND OXYGEN REMOVAL
MODEL : AD1S2**

PROJECT DETAILS

Location:	Marcellus
Carbon Capacity:	3300 lbs
Processing Rate:	2 trucks / day
Electrical Class:	C1D1
HP :	(2) 2HP Vacuum Pumps
Voltage:	480 VAC
Year Installed:	2016
Emissions reduced:	25 tons / year



Aereon's Air Defender was installed at a facility that previously vented truck loading operations to atmosphere. This was a source for over 70 lbs of emissions per truckload. After some unwanted attention from the EPA, the producer knew the problem had to be addressed. Because truck loads are a mix between VOC (volatile organic compounds) and ambient air, this made it hard to mitigate the emissions. Aereon's Air Defender was able to reduce these emissions by 99% while filtering the oxygen and ambient properties to atmosphere. Safely recovering emissions and providing an economical solution.

AEREON: Collective and Compliant !