



# Carbon Credits

Application Sheet #32

## CUSTOMER VALUE

Generate \$74,000 a  
year per electric pump  
by claiming Carbon  
offset Credits

### SITUATION

- Customer had two pneumatic chemical pumps on site emitting methane into the atmosphere.
- Methane emissions are believed to be a leading contributor to climate change. Almost 3,000 tonnes of CO<sub>2</sub>e was emitted every year, from these two pumps.

### SOLUTION

- The customer installed a Sirius two-point Fusion AC Electric Chemical pump to replace both pneumatic pumps on site.
- Using a Modbus connection between the Sirius Smart Fusion™ controller and SCADA, the customer was able to track the total volume of methane saved.
- The set up allowed for reliable data collection needed to claim credits, be verified, and withstand a potential audit.
- After 9 months of operation the customer had accumulated 2,225 tonnes worth of CO<sub>2</sub>e offsets, and was generating an average revenue of \$6180 per month from these offsets.
- The revenue from the carbon credit paid for the cost of the Sirius injection system within two months

### RESULTS

- Through a Carbon Credit Verifier, the customer was able to successfully claim the credits.

YELLOW + BLACK  
=  
GREEN



[www.siriuscontrols.com](http://www.siriuscontrols.com)

PROFITABLE ENVIRONMENTAL SOLUTIONS