



# Soft Starters for the On-shore Liquid Gas Industry

## Driving Liquid Gas Pump

Motor ratings: 4160V, 110A  
Edson Gas Plant, Alberta, Canada

In order to transport gas through a pipeline, it must first be liquefied.

At the Edson Gas Plant, the gas is pumped from underground, re-liquefied and then transported via underground pipes to a distribution station. Due to the harsh environmental conditions (nightly temperatures at the Edson plant easily reach  $-40^{\circ}\text{C}$  between November and March), the consulting engineer prescribed the use of soft starters. Since Solcon HRVS-DN soft starters are known for being able to operate in some of the most difficult environments, Solcon was selected for the job.

These soft starters, rated at 900 HP, reduce high inrush current on starting and eliminate problematic system wide voltage drops while the motor comes up to full speed. Solcons state of the art digital technology keeps operators aware of the motor and soft starter operating status while the built in protection package ensures safe operating boundaries even under changing ambient conditions.



Liquid Gas Pump  
MV Soft Starter HRVS-DN 4160V-110A