

## Valdel enhancing the piping system of Lone Star NGL Fractionators Mariner Project

### Client

Energy Transfer Partners L P (ETP) / Lone Star NGL Fractionators Mariner Project

### Client requirement

Study & optimization of supports for Feed Dehydrator piping system that carries HD-5 Feed (Liquid) & Regenerative Fluid (Vapour) in the same pipe at different operating cycle.

### Our Analysis

Expert engineers at VEC was aware of CAESAR-II software's limitation in analyzing such systems. The study was carried out as two separate systems based on operating cycle, adsorbing and regenerating.

### Our Approach

Both the results were combined and analyzed VEC engineers to achieve the optimal support configuration for the system, which avoids expensive and maintenance prone supports like spring supports.

### Client Benefit

The supporting arrangement set up by Valdel is highly reliable, cost effective & maintenance free. The system is operating successfully.

