

# **ENERFLEX**

The Single Source



## **80,000 BPD PURITY ETHANE - DE-ETHANIZER SYSTEM, USA**

**Transforming hydrocarbon stream into value using a sophisticated modularized design.**

### **PROJECT OVERVIEW AND CHALLENGES**

Enerflex engineered, designed, and manufactured two parallel de-ethanizer trains each with a feed capacity of 40,000 b/d to produce purity ethane for a processing plant located near Moundsville, West Virginia. Facing a quick turnaround, the Enerflex gas processing team's rapid response and commitment to service during the initial phase of the project exceeded the customer's expectations and made Enerflex a natural fit for the project. The result was a customized modular solution — allowing for ease of installation and reduced on-site construction — designed to yield optimal value.

### **UNIT LOCATION**

**Marcellus / Utica Shale Plays, West Virginia, USA**

### **ENERFLEX SOLUTION**

The system takes ethane and heavier components from numerous upstream cryogenic processing plants in the developing Marcellus and Utica shale plays and fractionates the stream into pure ethane in the column overheads. The bottom product stream fractionates propane and heavier components. The plant consisted of 23 modules, including refrigeration and hot oil systems, an amine and mole sieve package, three 1,750 hp overhead compressor packages, and an inlet liquid stabilization with electric-drive vapor recovery units.

### **CONTACT DETAILS**

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