

## PROJECT PROFILE

# Walker Hollow Dehydration Units

**CLIENT:** MPLX**LOCATION:** Vernal, Utah

MPLX, a leading midstream energy services provider, selected Opero Energy for the expansion of the Walker Hollow compressor station in Vernal, Utah. To upgrade the efficiency of the facility, MPLX required the installation of several new TEG dehydration units.

Opero Energy's integrated [engineering](#), [design](#), and [fabrication](#) team generated multiple high-performance systems to dehydrate Walker Hollow's natural gas stream, optimize fuel gas usage, and maintain sales gas specifications. In the production of the TEG dehydration units, our team designed and fabricated the towers, [pressure vessels](#), filters, heaters, and all skid piping and steel.

On-site commissioning and startup support expedited the project and ensured a smooth operational transition. Incorporating a high-capacity regeneration heater and combustor, Opero Energy's total solution improved the functionality of the Walker Hollow compressor station by targeting a TEG circulation rate of 12 to 35 gal/min and a gas dehydration capacity of 70 to 210 MMscf/d to meet operational demands.

 **Project overview**

- › 12–35-gal/min TEG circulation
- › 70–210-MMscf/d gas dehydration
- › 1.5–3.0-MMBtu/hr TEG regeneration heater
- › 2.5-MMBTU/hr combustor

 **Scope of work**

- › Engineering + design
- › Procurement
- › Fabrication
- › Commissioning + startup

